

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071024\
 Data File : BF138499.D
 Acq On : 10 Jul 2024 13:58
 Operator : CG\JU
 Sample : PB161976BSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB161976BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/11/2024
 Supervised By :mohammad ahmed 07/11/2024

Quant Time: Jul 10 14:19:17 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 09 16:58:40 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	105378	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	430636	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	232533	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	435588	20.000	ng	0.00
76) Chrysene-d12	14.027	240	221800	20.000	ng	0.00
86) Perylene-d12	15.486	264	190346	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	606981	91.225	ng	0.01
7) Phenol-d6	6.504	99	810928	91.616	ng	0.00
23) Nitrobenzene-d5	7.434	82	769976	87.787	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	213473	98.227	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1348564	90.640	ng	0.00
79) Terphenyl-d14	12.974	244	1413110	103.793	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.740	88	113742	38.598	ng	98
3) Pyridine	3.481	79	290490	39.973	ng	98
4) n-Nitrosodimethylamine	3.451	42	217582	45.993	ng	93
6) Aniline	6.528	93	333910	40.276	ng	94
8) 2-Chlorophenol	6.651	128	344719	48.997	ng	95
9) Benzaldehyde	6.416	77	45011	9.501	ng	98
10) Phenol	6.522	94	448899	47.780	ng	96
11) bis(2-Chloroethyl)ether	6.604	93	335763	47.466	ng	99
12) 1,3-Dichlorobenzene	6.810	146	344886	43.610	ng	98
13) 1,4-Dichlorobenzene	6.887	146	355065	44.213	ng	99
14) 1,2-Dichlorobenzene	7.034	146	340593	45.536	ng	99
15) Benzyl Alcohol	7.010	79	331395	49.888	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.139	45	667977	48.019	ng	99
17) 2-Methylphenol	7.128	107	280540	48.654	ng	97
18) Hexachloroethane	7.375	117	133030	45.060	ng	96
19) n-Nitroso-di-n-propyla...	7.281	70	260606	47.649	ng	99
20) 3+4-Methylphenols	7.281	107	341176	46.988	ng	# 88
22) Acetophenone	7.275	105	469460	44.886	ng	# 95
24) Nitrobenzene	7.451	77	391790	43.956	ng	97
25) Isophorone	7.692	82	729534	48.434	ng	98
26) 2-Nitrophenol	7.763	139	186605	48.846	ng	93
27) 2,4-Dimethylphenol	7.804	122	311114	66.261	ng	99
28) bis(2-Chloroethoxy)met...	7.898	93	424152	47.118	ng	98
29) 2,4-Dichlorophenol	8.010	162	287771	47.197	ng	98
30) 1,2,4-Trichlorobenzene	8.086	180	314672	44.302	ng	98
31) Naphthalene	8.169	128	993900	44.377	ng	99
32) Benzoic acid	7.945	122	211181	47.157	ng	96
33) 4-Chloroaniline	8.216	127	216504	27.551	ng	98
34) Hexachlorobutadiene	8.281	225	185704	42.457	ng	98
35) Caprolactam	8.598	113	98238m	49.930	ng	
36) 4-Chloro-3-methylphenol	8.710	107	322257	47.210	ng	97
37) 2-Methylnaphthalene	8.863	142	658191	45.667	ng	100
38) 1-Methylnaphthalene	8.963	142	605195	43.025	ng	98
40) 1,2,4,5-Tetrachloroben...	9.028	216	299017	46.139	ng	99
41) Hexachlorocyclopentadiene	9.016	237	370157	175.967	ng	99
43) 2,4,6-Trichlorophenol	9.139	196	204873	49.558	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	215767	47.454	ng	96
46) 1,1'-Biphenyl	9.328	154	816264	46.320	ng	99
47) 2-Chloronaphthalene	9.351	162	618819	46.482	ng	98
48) 2-Nitroaniline	9.451	65	234387	50.806	ng	95
49) Acenaphthylene	9.769	152	936073	49.524	ng	100
50) Dimethylphthalate	9.633	163	752351	50.037	ng	100
51) 2,6-Dinitrotoluene	9.692	165	170200	49.162	ng	90
52) Acenaphthene	9.939	154	603273	48.016	ng	99
53) 3-Nitroaniline	9.863	138	122177	34.432	ng	100
54) 2,4-Dinitrophenol	9.975	184	198632	105.335	ng	# 85
55) Dibenzofuran	10.110	168	878197	48.190	ng	98
56) 4-Nitrophenol	10.039	139	286929	109.592	ng	92
57) 2,4-Dinitrotoluene	10.098	165	227048	50.688	ng	97
58) Fluorene	10.457	166	685024	47.506	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.227	232	190151	52.990	ng	98
60) Diethylphthalate	10.327	149	725056	50.020	ng	99
61) 4-Chlorophenyl-phenyle...	10.445	204	337887	46.665	ng	96
62) 4-Nitroaniline	10.480	138	174579	49.099	ng	98
63) Azobenzene	10.604	77	755976	48.508	ng	99
65) 4,6-Dinitro-2-methylph...	10.504	198	136358	54.215	ng	80
66) n-Nitrosodiphenylamine	10.569	169	606339	46.461	ng	99
67) 4-Bromophenyl-phenylether	10.933	248	207019	46.240	ng	100
68) Hexachlorobenzene	10.998	284	223107	44.858	ng	100
69) Atrazine	11.092	200	212173	49.036	ng	97
70) Pentachlorophenol	11.198	266	259025	88.013	ng	98
71) Phenanthrene	11.416	178	1035287	47.045	ng	99
72) Anthracene	11.469	178	1045179	47.846	ng	99
73) Carbazole	11.621	167	909514	46.330	ng	99
74) Di-n-butylphthalate	11.945	149	1103097	48.748	ng	99
75) Fluoranthene	12.604	202	1045522	46.561	ng	99
77) Benzidine	12.721	184	165175	29.517	ng	99
78) Pyrene	12.833	202	1056450	46.921	ng	99
80) Butylbenzylphthalate	13.445	149	371231	54.809	ng	98
81) Benzo(a)anthracene	14.015	228	709261	47.656	ng	100
82) 3,3'-Dichlorobenzidine	13.974	252	158793	41.407	ng	# 97
83) Chrysene	14.051	228	653650	46.427	ng	100
84) Bis(2-ethylhexyl)phtha...	13.998	149	407434	56.403	ng	97
85) Di-n-octyl phthalate	14.610	149	549009	48.110	ng	100
87) Indeno(1,2,3-cd)pyrene	16.962	276	674255	52.736	ng	100
88) Benzo(b)fluoranthene	15.062	252	537956	50.184	ng	99
89) Benzo(k)fluoranthene	15.092	252	510769	48.855	ng	99
90) Benzo(a)pyrene	15.427	252	469112	49.816	ng	99
91) Dibenzo(a,h)anthracene	16.980	278	562434	53.777	ng	99
92) Benzo(g,h,i)perylene	17.409	276	567672	51.186	ng	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

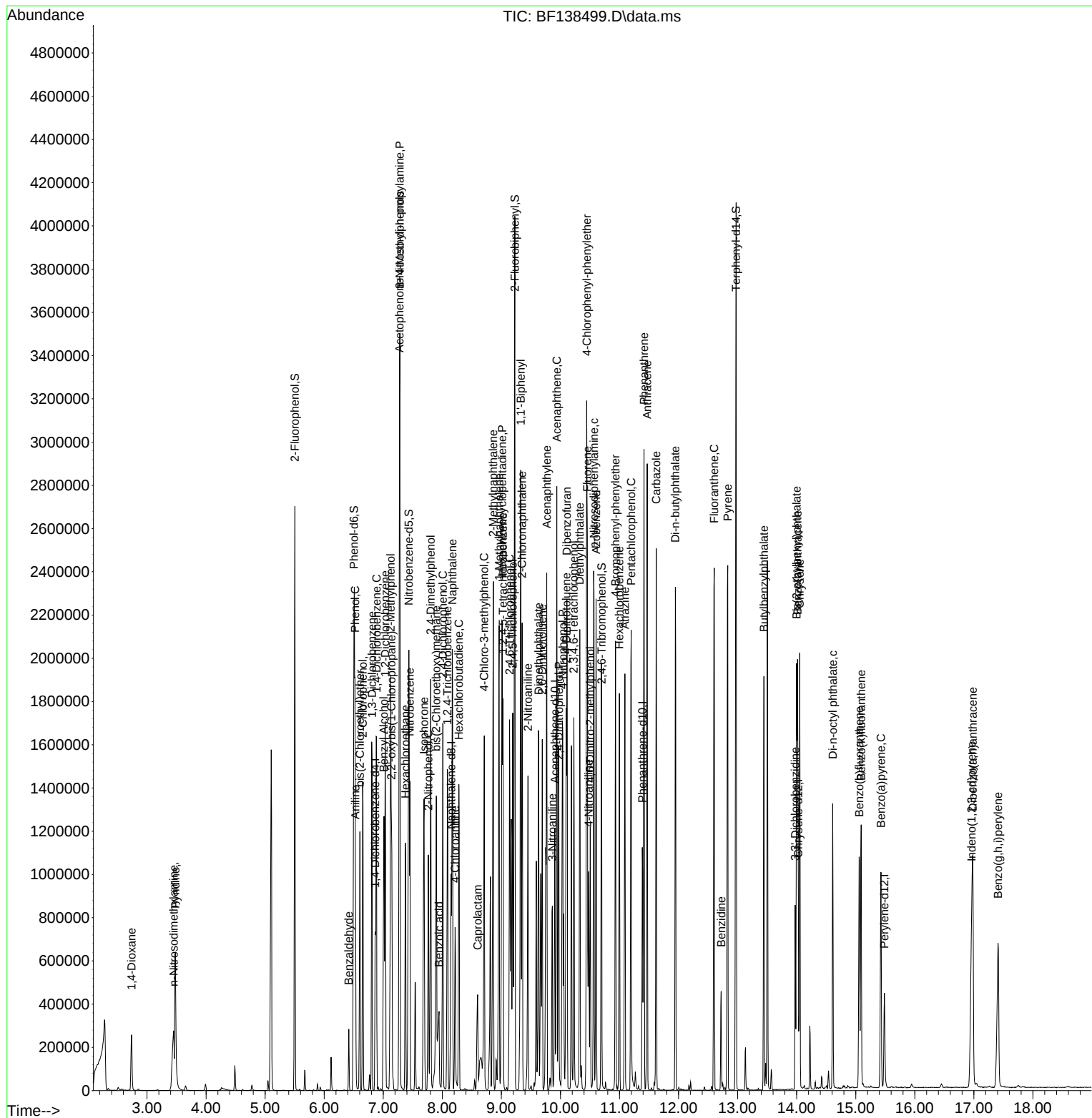
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071024\
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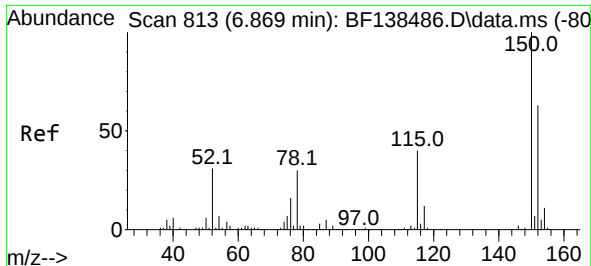
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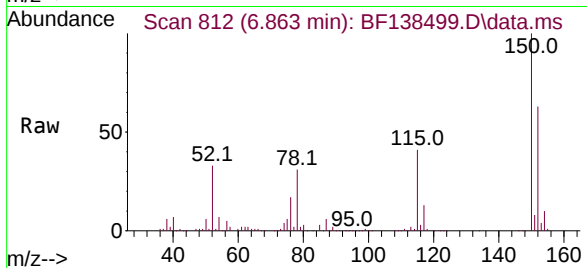
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF138499.D
Acq: 10 Jul 2024 13:58

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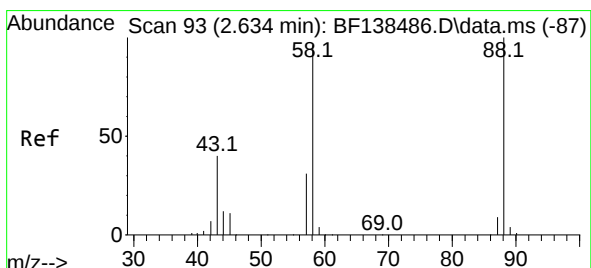
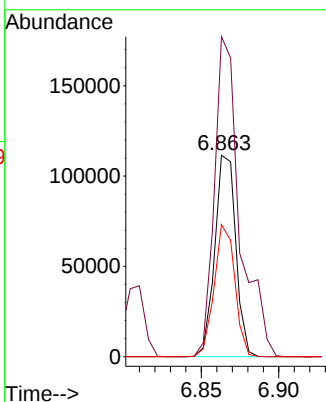
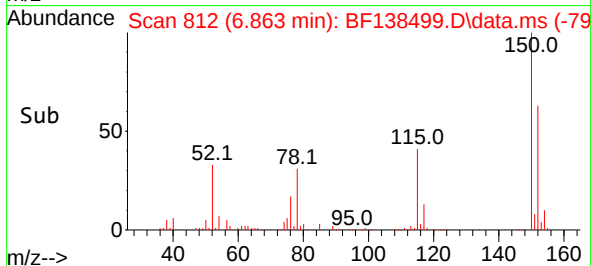
Tgt Ion:152 Resp: 105378
Ion Ratio Lower Upper
152 100
150 158.8 126.2 189.4
115 65.5 50.3 75.5

Manual Integrations

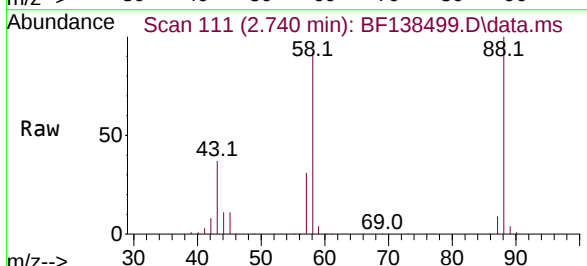
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Reviewed By :Yogesh Patel 07/11/2024

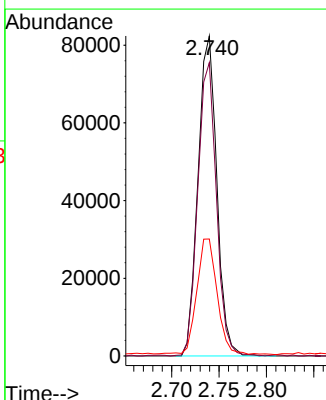
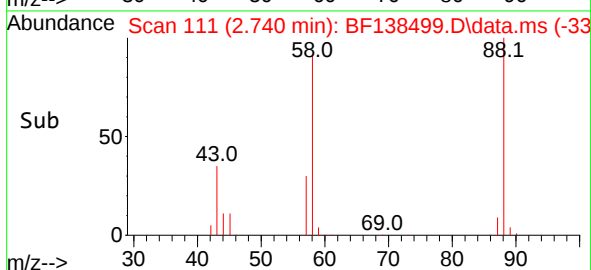
Supervised By :mohammad ahmed 07/11/2024

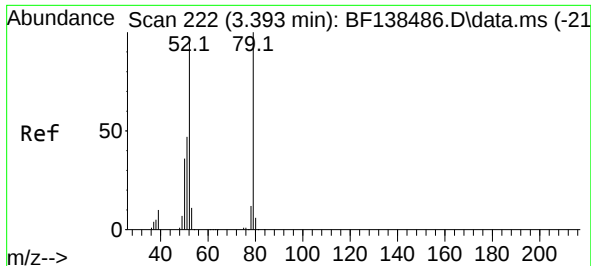


#2
1,4-Dioxane
Concen: 38.598 ng
RT: 2.740 min Scan# 111
Delta R.T. 0.106 min
Lab File: BF138499.D
Acq: 10 Jul 2024 13:58



Tgt Ion: 88 Resp: 113742
Ion Ratio Lower Upper
88 100
58 91.2 74.6 112.0
43 39.5 31.8 47.6





#3

Pyridine

Concen: 39.973 ng

RT: 3.481 min Scan# 21

Delta R.T. 0.088 min

Lab File: BF138499.D

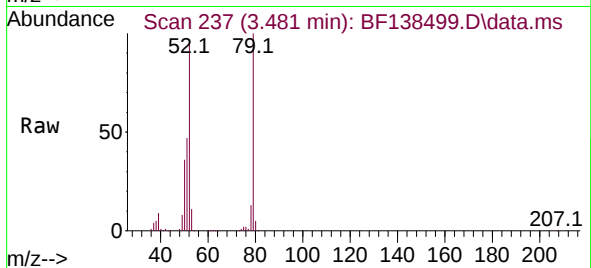
Acq: 10 Jul 2024 13:58

Instrument :

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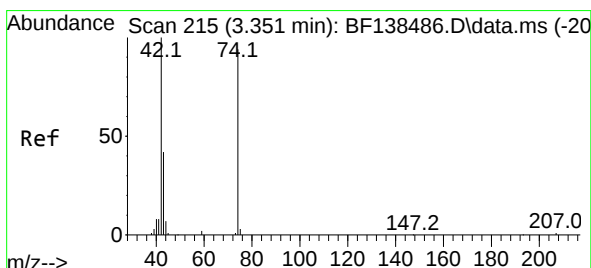
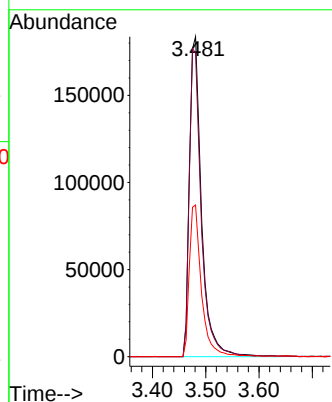
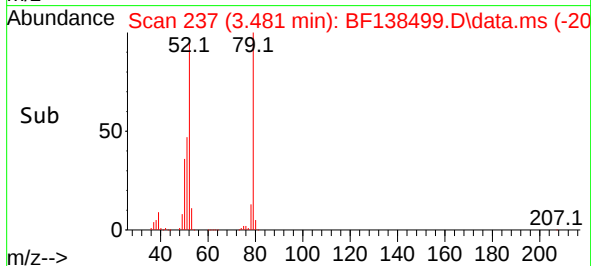
Tgt Ion:	79	Resp:	290490
Ion Ratio	Lower	Upper	
79	100		
52	94.9	77.4	116.2
51	47.4	37.4	56.0

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#4

n-Nitrosodimethylamine

Concen: 45.993 ng

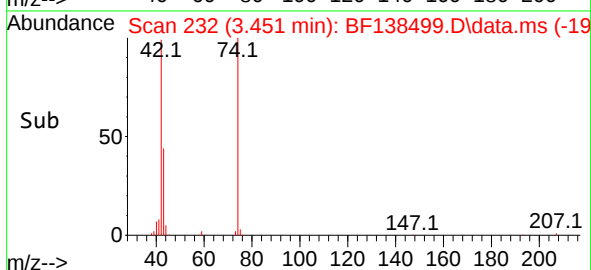
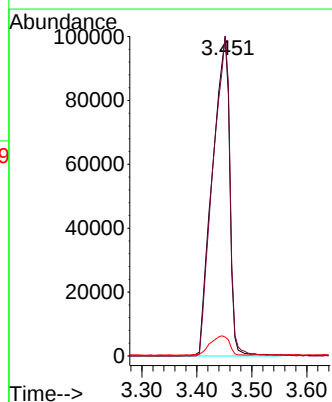
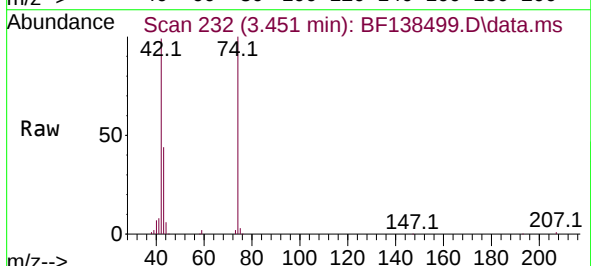
RT: 3.451 min Scan# 232

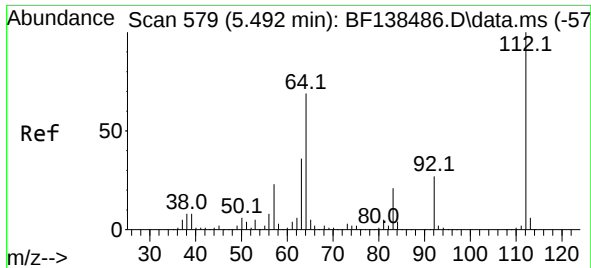
Delta R.T. 0.100 min

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Tgt Ion:	42	Resp:	217582
Ion Ratio	Lower	Upper	
42	100		
74	100.5	75.0	112.6
44	5.9	5.4	8.2





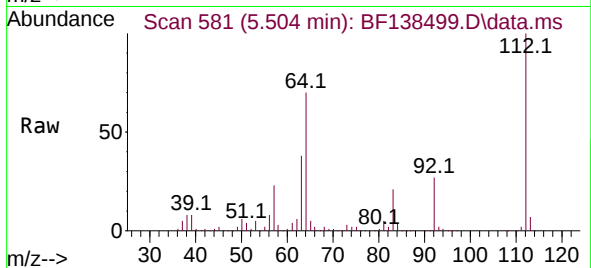
#5
2-Fluorophenol
Concen: 91.225 ng
RT: 5.504 min Scan# 579
Delta R.T. 0.012 min
Lab File: BF138499.D
Acq: 10 Jul 2024 13:58

Instrument :

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PB161976BSD



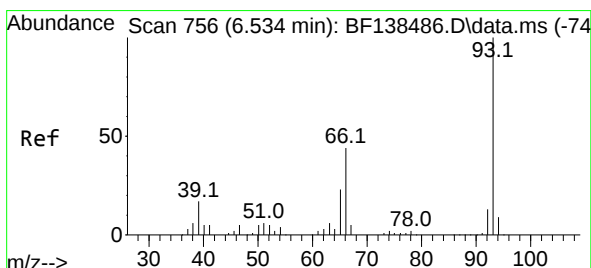
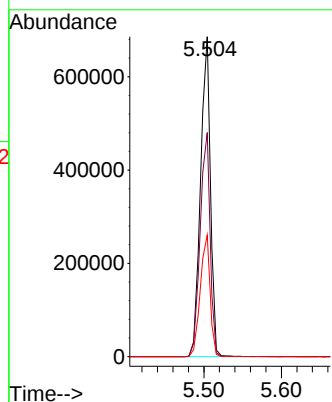
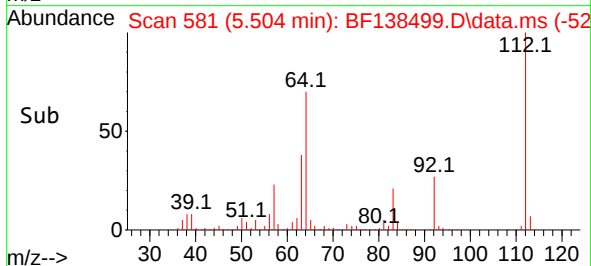
Tgt Ion:112 Resp: 60698
Ion Ratio Lower Upper
112 100
64 70.1 55.1 82.7
63 38.0 29.0 43.6

Manual Integrations

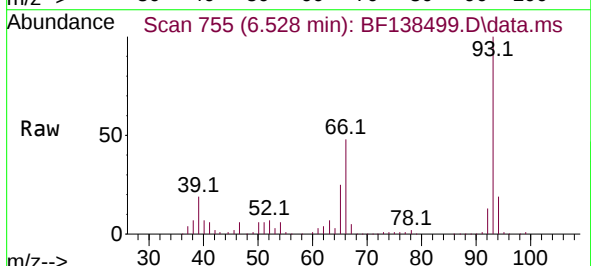
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Reviewed By :Yogesh Patel 07/11/2024

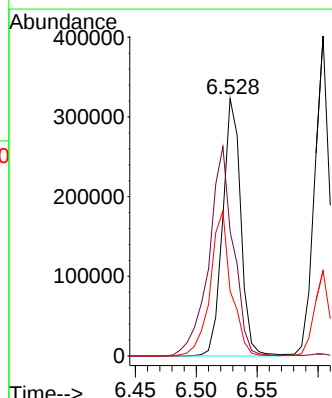
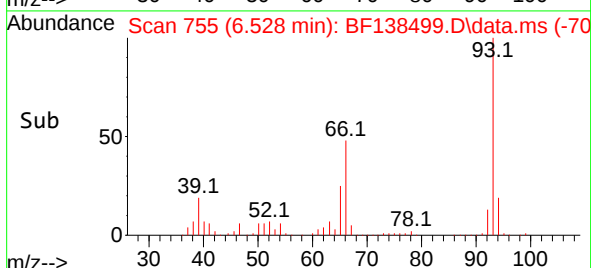
Supervised By :mohammad ahmed 07/11/2024

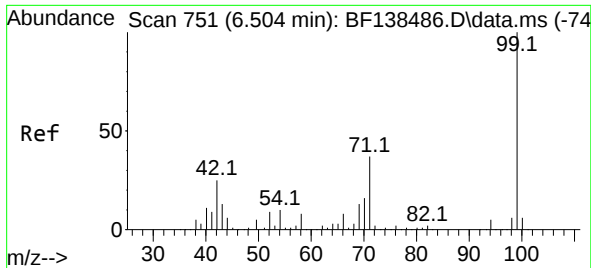


#6
Aniline
Concen: 40.276 ng
RT: 6.528 min Scan# 755
Delta R.T. -0.006 min
Lab File: BF138499.D
Acq: 10 Jul 2024 13:58



Tgt Ion: 93 Resp: 333910
Ion Ratio Lower Upper
93 100
66 48.3 35.4 53.0
65 25.1 18.6 27.8





#7

Phenol-d6

Concen: 91.616 ng

RT: 6.504 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF138499.D

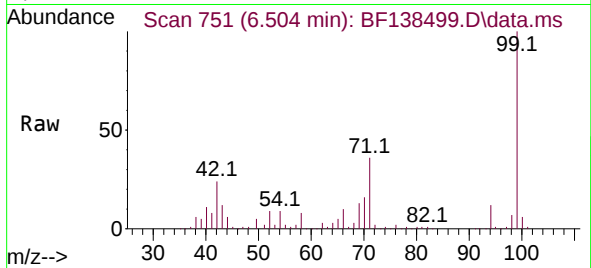
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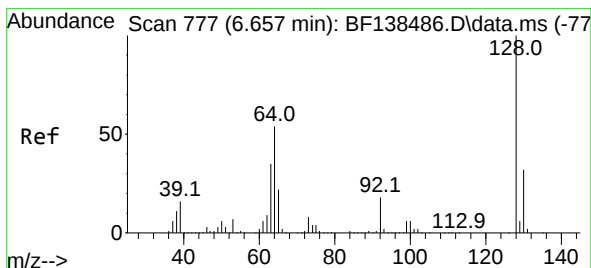
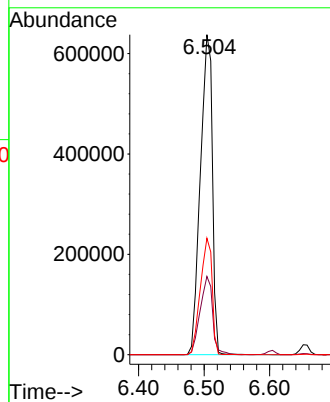
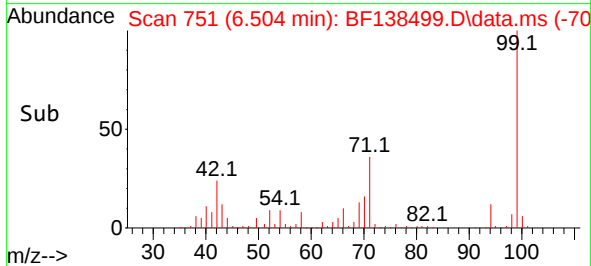
Tgt Ion:	99	Resp:	810928
Ion Ratio	100	Lower	Upper
99	100		
42	24.5	19.7	29.5
71	36.4	29.9	44.9

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#8

2-Chlorophenol

Concen: 48.997 ng

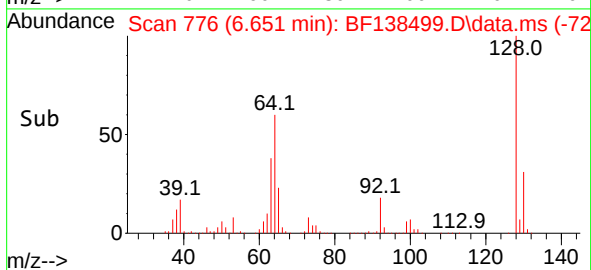
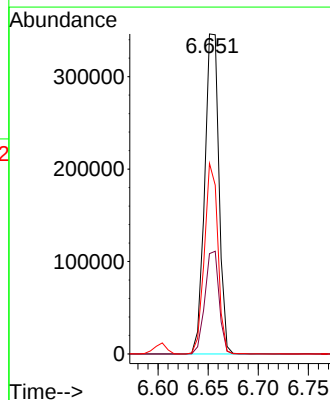
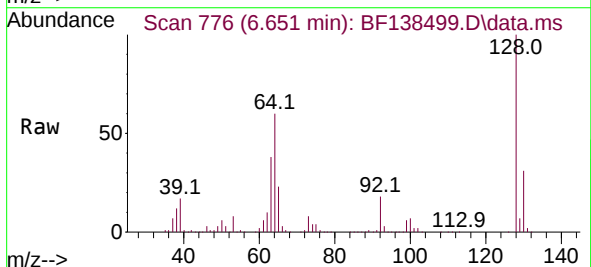
RT: 6.651 min Scan# 776

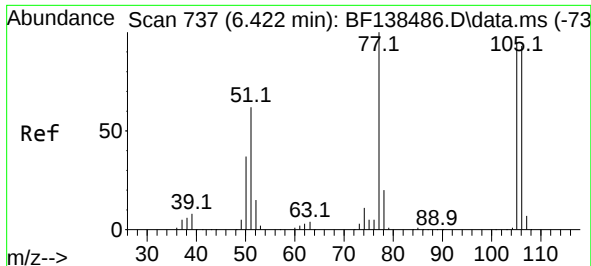
Delta R.T. -0.006 min

Lab File: BF138499.D

Acq: 10 Jul 2024 13:58

Tgt Ion:	128	Resp:	344719
Ion Ratio	100	Lower	Upper
128	100		
130	31.4	12.1	52.1
64	59.5	34.4	74.4





#9

Benzaldehyde

Concen: 9.501 ng

RT: 6.416 min Scan# 736

Delta R.T. -0.006 min

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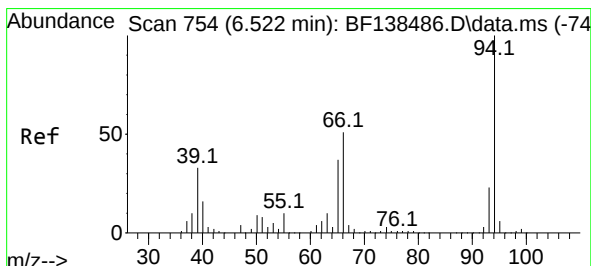
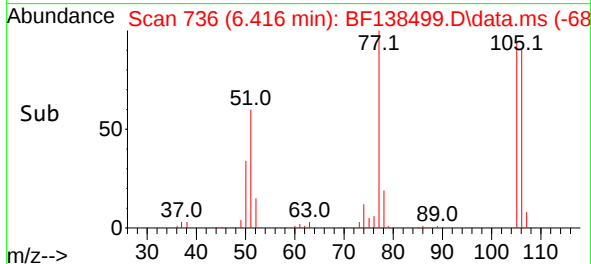
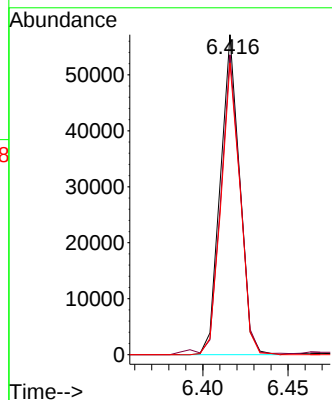
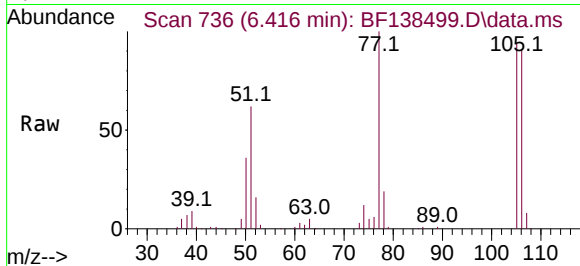
Tgt Ion: 77	Resp: 4501
Ion Ratio	Lower Upper
77 100	
105 93.7	75.1 115.1
106 91.1	73.2 113.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/11/2024

Supervised By :mohammad ahmed 07/11/2024



#10

Phenol

Concen: 47.780 ng

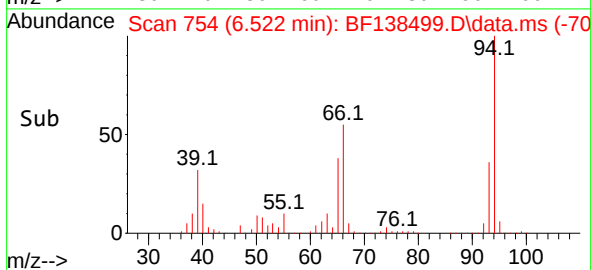
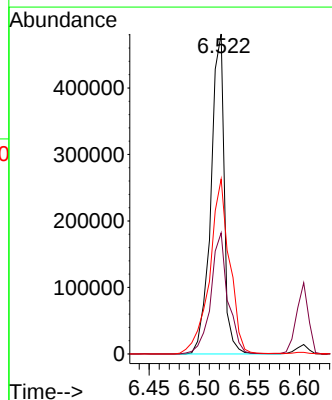
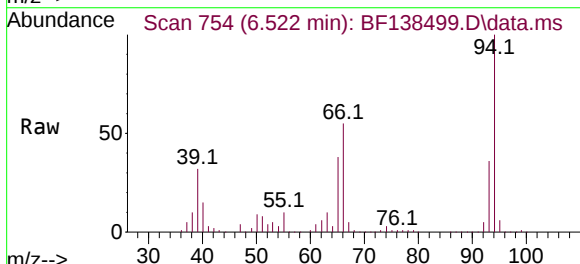
RT: 6.522 min Scan# 754

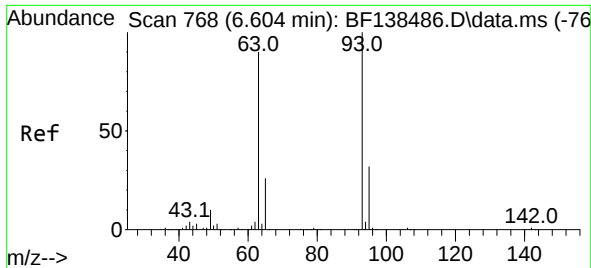
Delta R.T. 0.000 min

Lab File: BF138499.D

Acq: 10 Jul 2024 13:58

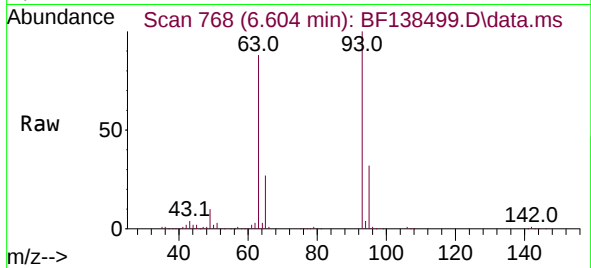
Tgt Ion: 94	Resp: 448899
Ion Ratio	Lower Upper
94 100	
65 37.9	16.7 56.7
66 54.6	31.2 71.2





#11
bis(2-Chloroethyl)ether
Concen: 47.466 ng
RT: 6.604 min Scan# 768
Delta R.T. 0.000 min
Lab File: BF138499.D
Acq: 10 Jul 2024 13:58

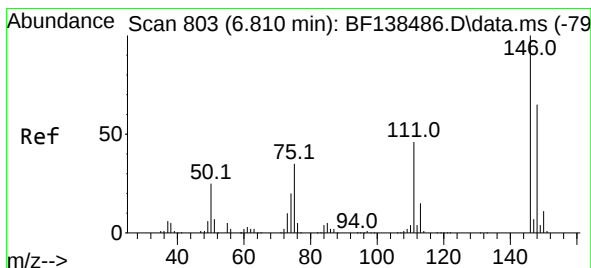
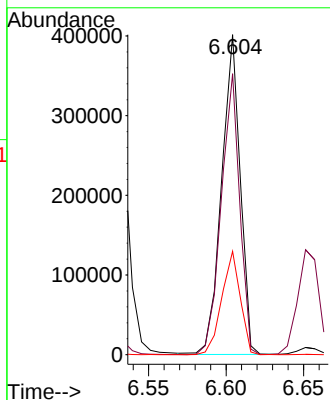
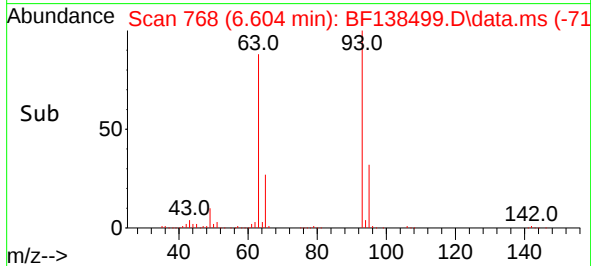
Instrument :
BNA_F
ClientSampleId :
PB161976BSD



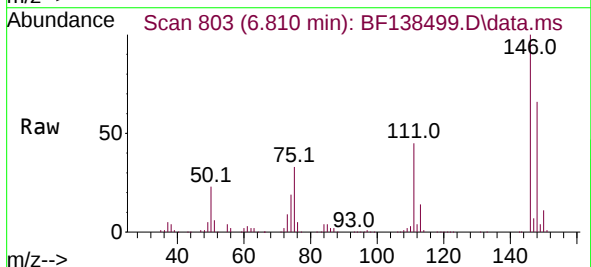
Tgt Ion: 93 Resp: 33576
Ion Ratio Lower Upper
93 100
63 87.8 68.8 108.8
95 32.3 11.8 51.8

Manual Integrations
APPROVED

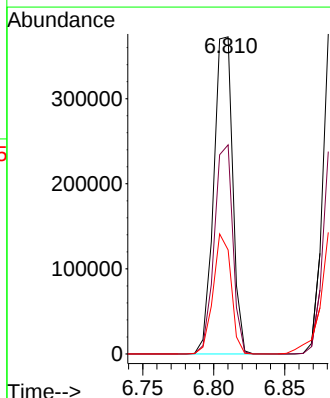
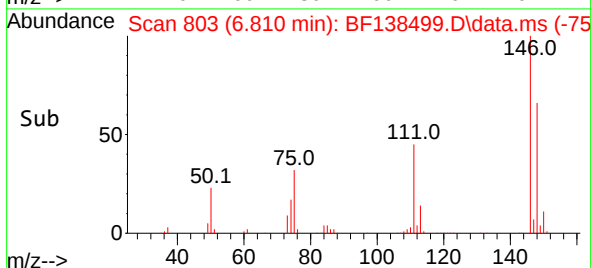
Reviewed By :Yogesh Patel 07/11/2024
Supervised By :mohammad ahmed 07/11/2024

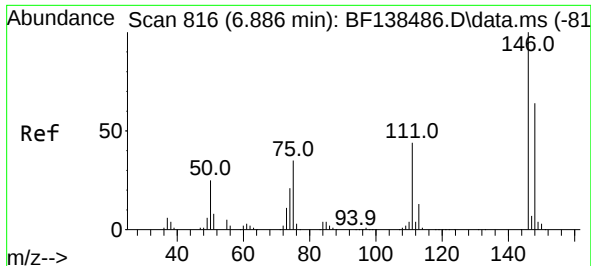


#12
1,3-Dichlorobenzene
Concen: 43.610 ng
RT: 6.810 min Scan# 803
Delta R.T. 0.000 min
Lab File: BF138499.D
Acq: 10 Jul 2024 13:58



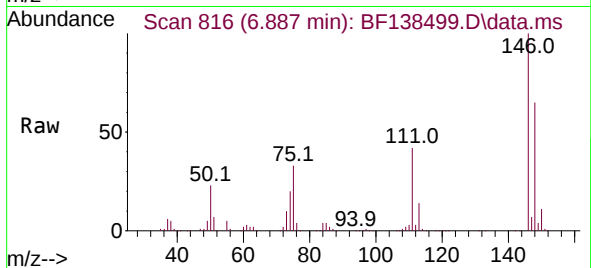
Tgt Ion:146 Resp: 344886
Ion Ratio Lower Upper
146 100
148 66.0 52.4 78.6
75 32.8 27.8 41.8





#13
1,4-Dichlorobenzene
Concen: 44.213 ng
RT: 6.887 min Scan# 816
Delta R.T. 0.000 min
Lab File: BF138499.D
Acq: 10 Jul 2024 13:58

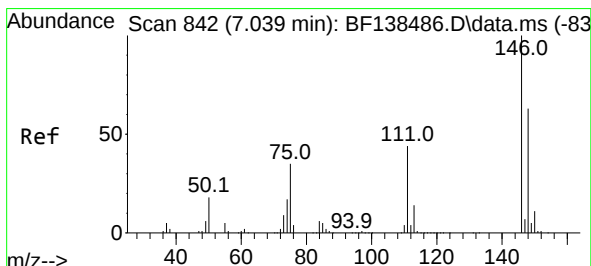
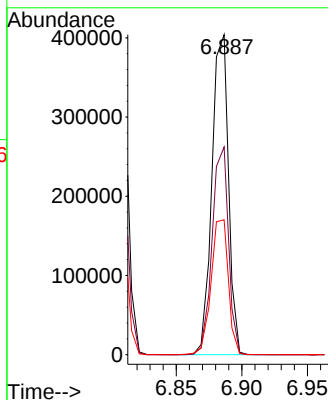
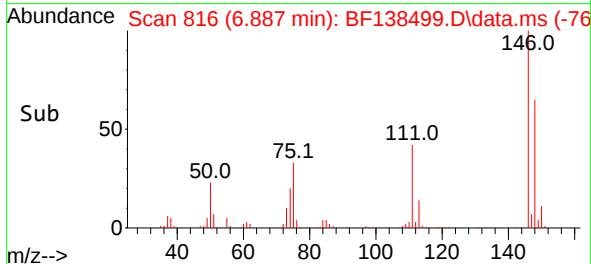
Instrument :
BNA_F
ClientSampleId :
PB161976BSD



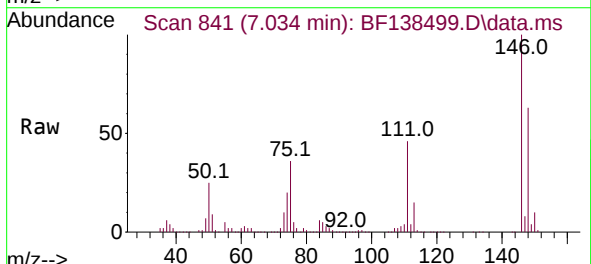
Tgt Ion:146 Resp: 35506
Ion Ratio Lower Upper
146 100
148 64.9 51.6 77.4
111 42.2 34.9 52.3

Manual Integrations
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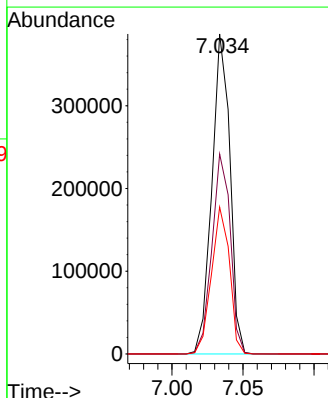
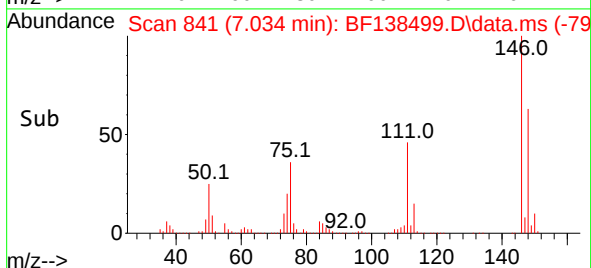
Reviewed By :Yogesh Patel 07/11/2024
Supervised By :mohammad ahmed 07/11/2024

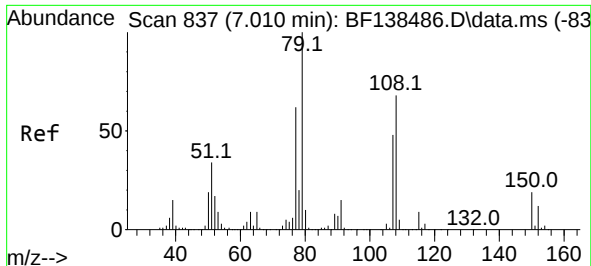


#14
1,2-Dichlorobenzene
Concen: 45.536 ng
RT: 7.034 min Scan# 841
Delta R.T. -0.006 min
Lab File: BF138499.D
Acq: 10 Jul 2024 13:58



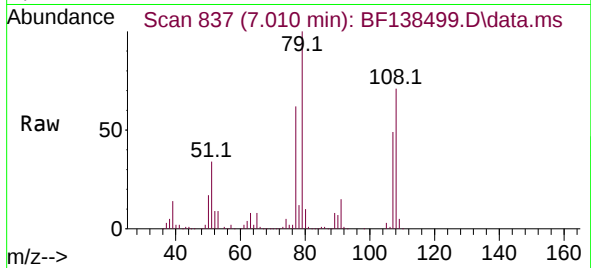
Tgt Ion:146 Resp: 340593
Ion Ratio Lower Upper
146 100
148 62.5 50.1 75.1
111 45.9 35.5 53.3





#15
Benzyl Alcohol
Concen: 49.888 ng
RT: 7.010 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF138499.D
Acq: 10 Jul 2024 13:58

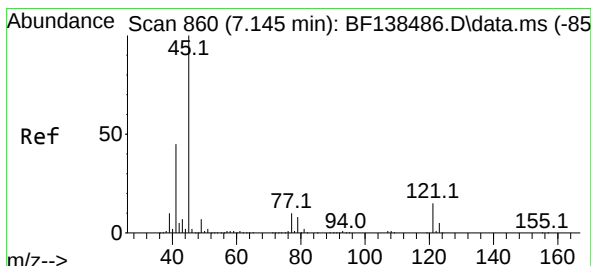
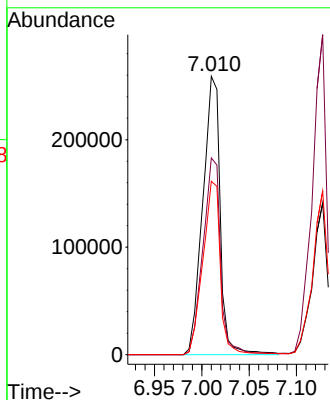
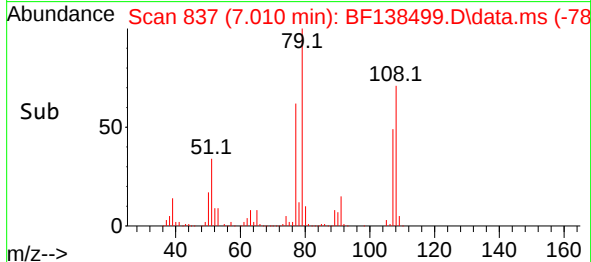
Instrument :
BNA_F
ClientSampleId :
PB161976BSD



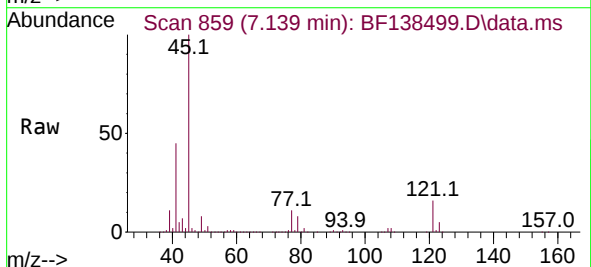
Tgt Ion: 79 Resp: 33139
Ion Ratio Lower Upper
79 100
108 70.7 54.3 81.5
77 62.3 50.0 75.0

Manual Integrations
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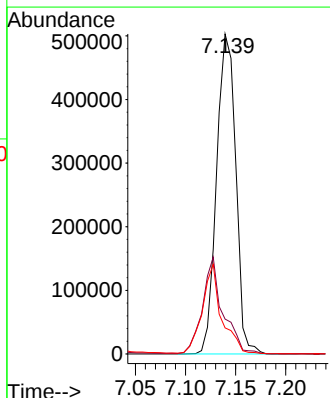
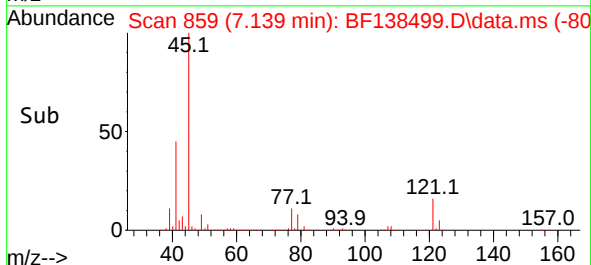
Reviewed By :Yogesh Patel 07/11/2024
Supervised By :mohammad ahmed 07/11/2024

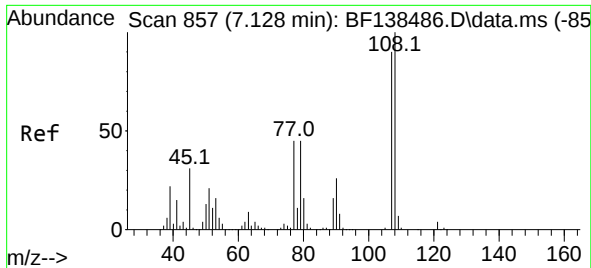


#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.019 ng
RT: 7.139 min Scan# 859
Delta R.T. -0.006 min
Lab File: BF138499.D
Acq: 10 Jul 2024 13:58



Tgt Ion: 45 Resp: 667977
Ion Ratio Lower Upper
45 100
77 10.9 0.0 30.4
79 8.2 0.0 28.1





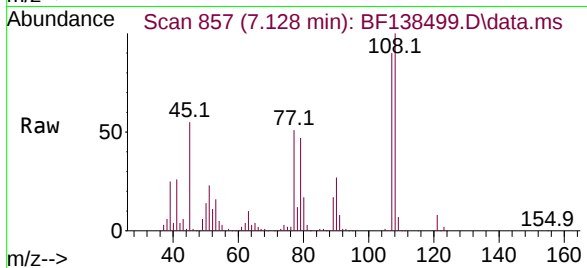
#17
2-Methylphenol
Concen: 48.654 ng
RT: 7.128 min Scan# 857
Delta R.T. 0.000 min
Lab File: BF138499.D
Acq: 10 Jul 2024 13:58

Instrument :

BNA_F

ClientSampleId :

PB161976BSD



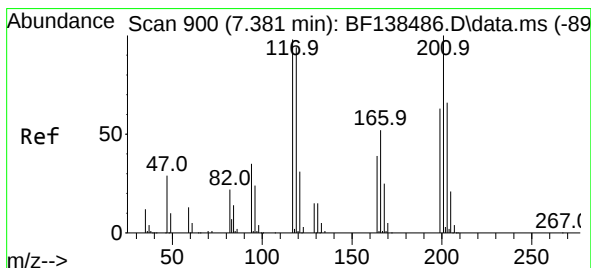
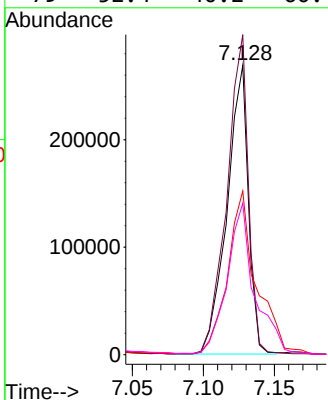
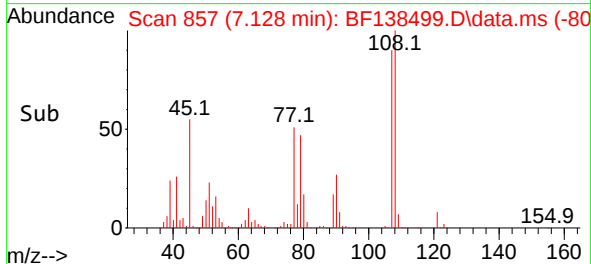
Tgt Ion:107 Resp: 280540
Ion Ratio Lower Upper
107 100
108 110.6 89.0 133.4
77 56.6 40.3 60.5
79 52.4 40.2 60.4

Manual Integrations

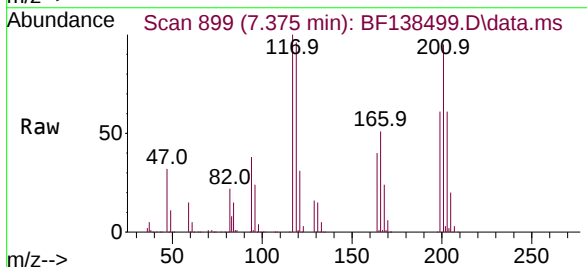
APPROVED

Reviewed By :Yogesh Patel 07/11/2024

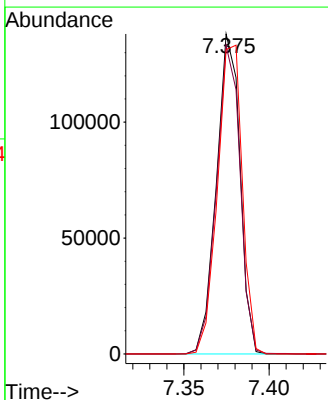
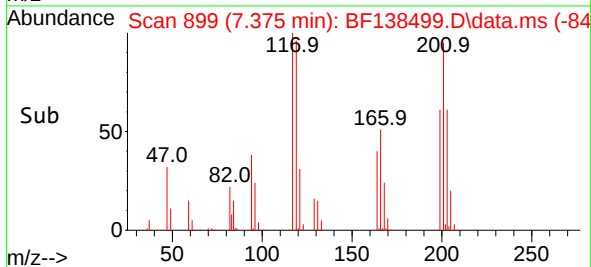
Supervised By :mohammad ahmed 07/11/2024

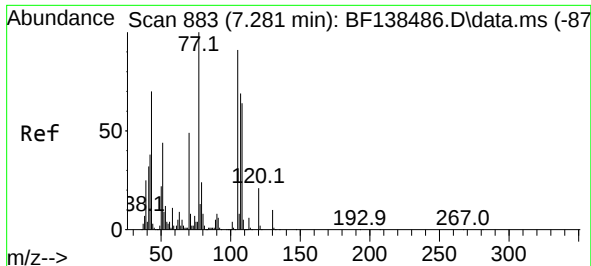


#18
Hexachloroethane
Concen: 45.060 ng
RT: 7.375 min Scan# 899
Delta R.T. -0.006 min
Lab File: BF138499.D
Acq: 10 Jul 2024 13:58



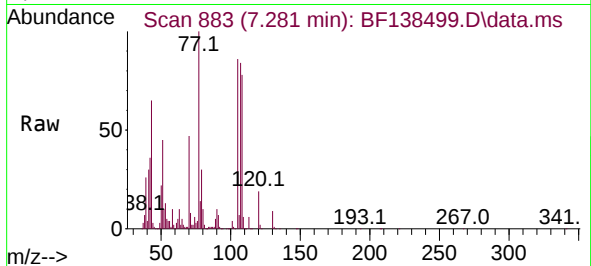
Tgt Ion:117 Resp: 133030
Ion Ratio Lower Upper
117 100
119 96.4 76.6 114.8
201 95.1 81.4 122.0





#19
n-Nitroso-di-n-propylamine
Concen: 47.649 ng
RT: 7.281 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF138499.D
Acq: 10 Jul 2024 13:58

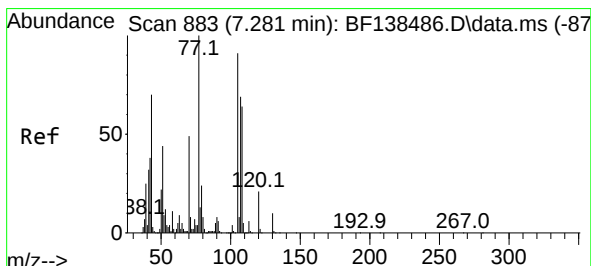
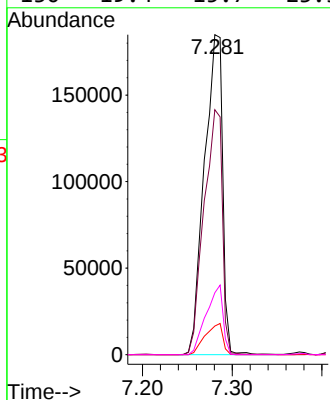
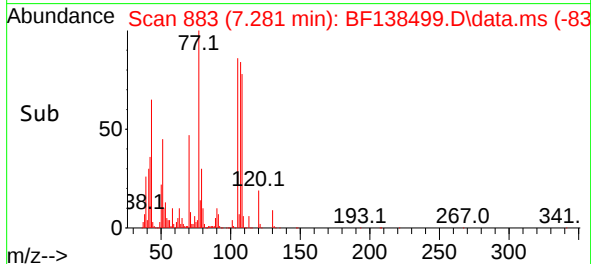
Instrument :
BNA_F
ClientSampleId :
PB161976BSD



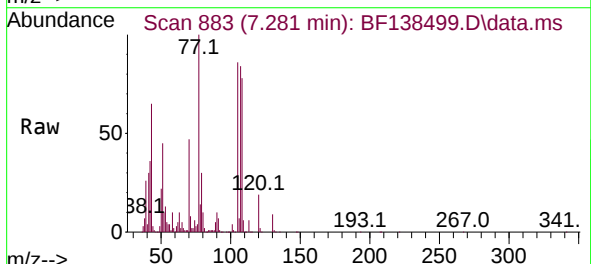
Tgt Ion: 70 Resp: 260600
Ion Ratio Lower Upper
70 100
42 76.6 62.4 93.6
101 9.0 7.2 10.8
130 19.4 15.7 23.5

Manual Integrations
APPROVED

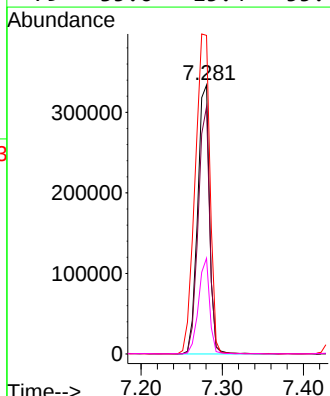
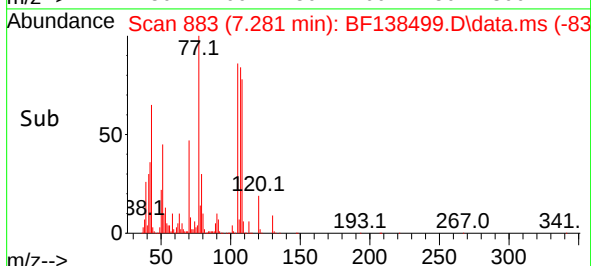
Reviewed By :Yogesh Patel 07/11/2024
Supervised By :mohammad ahmed 07/11/2024

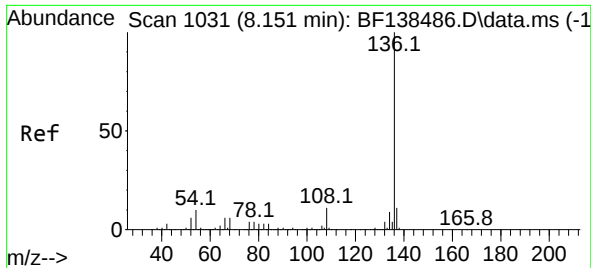


#20
3+4-Methylphenols
Concen: 46.988 ng
RT: 7.281 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF138499.D
Acq: 10 Jul 2024 13:58



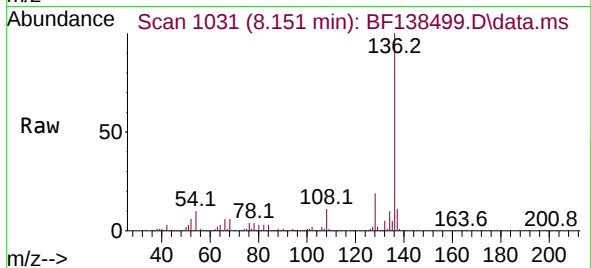
Tgt Ion:107 Resp: 341176
Ion Ratio Lower Upper
107 100
108 91.9 73.7 113.7
77 118.5 126.0 166.0#
79 35.6 15.4 55.4





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. 0.000 min
Lab File: BF138499.D
Acq: 10 Jul 2024 13:58

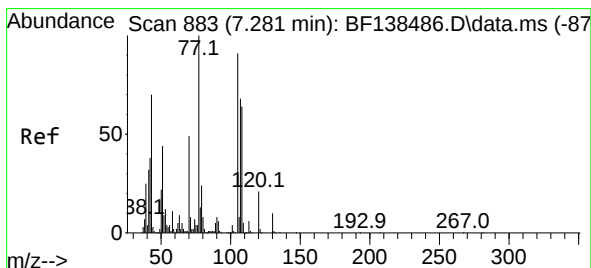
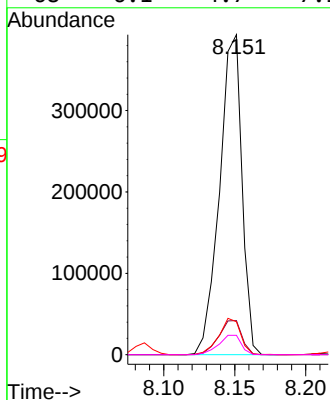
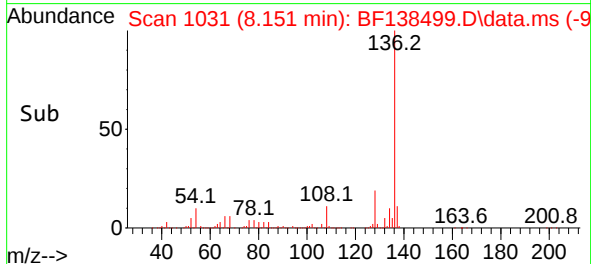
Instrument :
BNA_F
ClientSampleId :
PB161976BSD



Tgt Ion:136 Resp: 430630
Ion Ratio Lower Upper
136 100
137 10.7 8.5 12.7
54 10.3 8.1 12.1
68 6.1 4.7 7.1

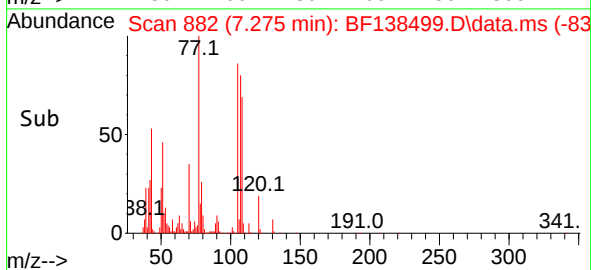
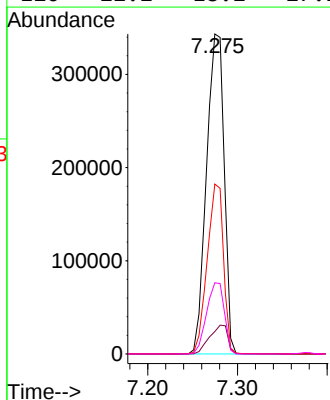
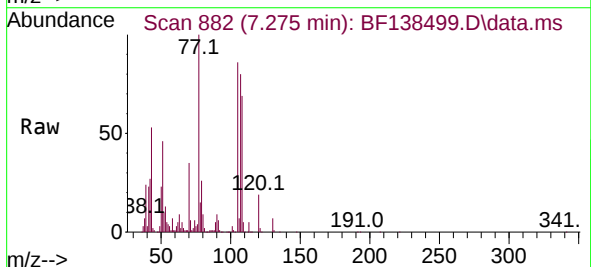
Manual Integrations
APPROVED

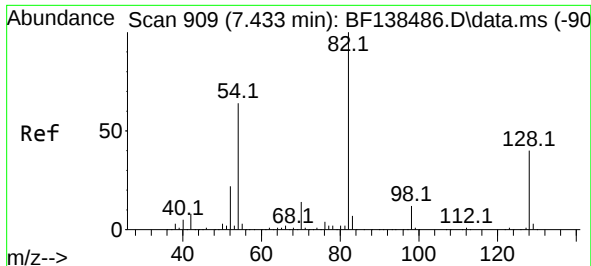
Reviewed By :Yogesh Patel 07/11/2024
Supervised By :mohammad ahmed 07/11/2024



#22
Acetophenone
Concen: 44.886 ng
RT: 7.275 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF138499.D
Acq: 10 Jul 2024 13:58

Tgt Ion:105 Resp: 469460
Ion Ratio Lower Upper
105 100
71 7.0 7.4 11.2#
51 53.1 38.7 58.1
120 22.2 18.2 27.2





#23

Nitrobenzene-d5

Concen: 87.787 ng

RT: 7.434 min Scan# 909

Delta R.T. 0.000 min

Lab File: BF138499.D

Acq: 10 Jul 2024 13:58

Instrument :

BNA_F

ClientSampleId :

PB161976BSD

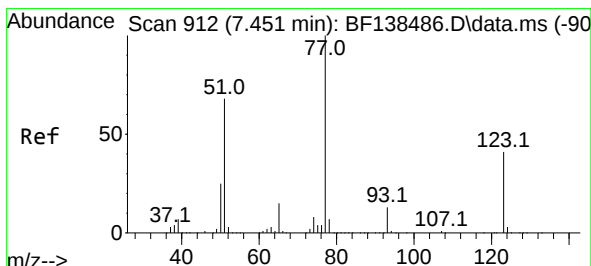
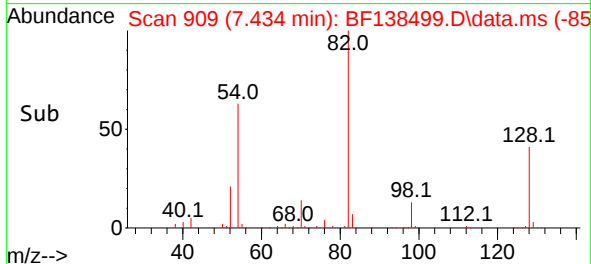
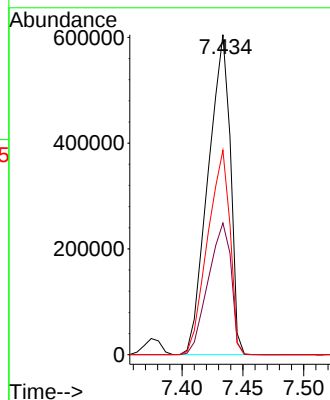
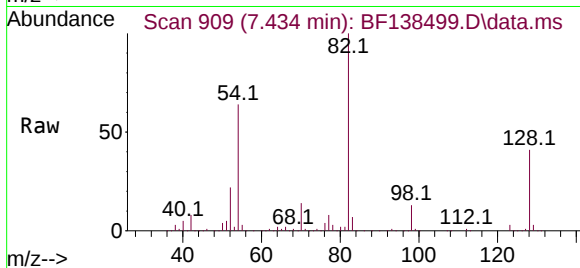
Tgt Ion: 82 Resp: 769970
 Ion Ratio Lower Upper
 82 100
 128 41.1 32.3 48.5
 54 63.9 51.4 77.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/11/2024

Supervised By :mohammad ahmed 07/11/2024



#24

Nitrobenzene

Concen: 43.956 ng

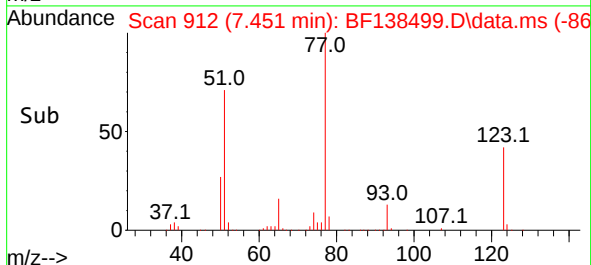
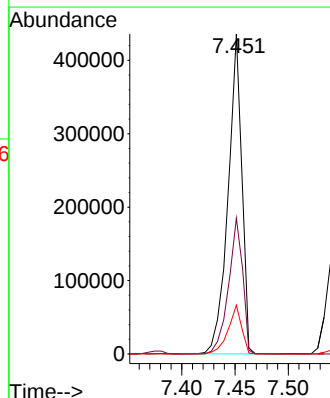
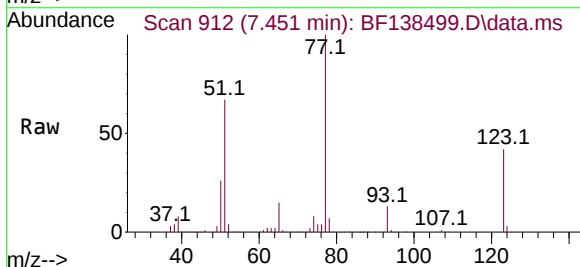
RT: 7.451 min Scan# 912

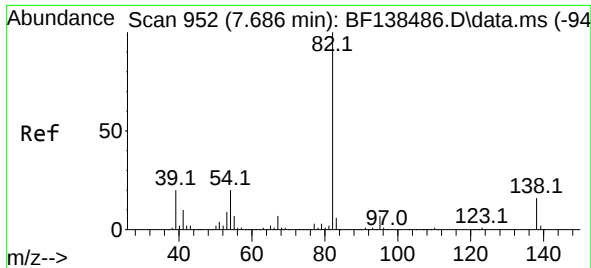
Delta R.T. 0.000 min

Lab File: BF138499.D

Acq: 10 Jul 2024 13:58

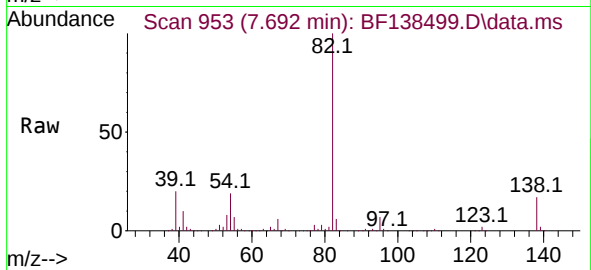
Tgt Ion: 77 Resp: 391790
 Ion Ratio Lower Upper
 77 100
 123 42.4 32.4 48.6
 65 15.2 11.8 17.8





#25
Isophorone
Concen: 48.434 ng
RT: 7.692 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF138499.D
Acq: 10 Jul 2024 13:58

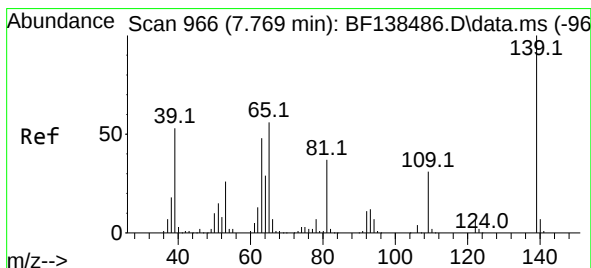
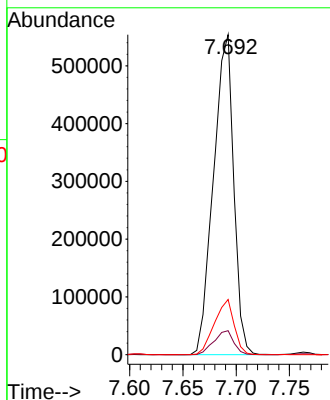
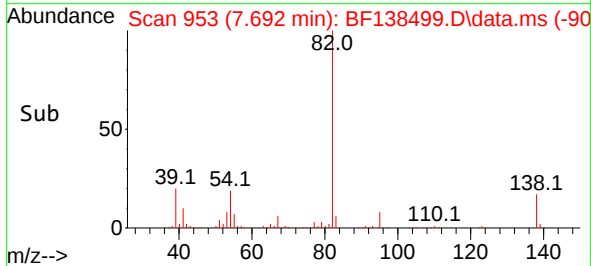
Instrument :
BNA_F
ClientSampleId :
PB161976BSD



Tgt Ion: 82 Resp: 729534
Ion Ratio Lower Upper
82 100
95 7.5 6.0 9.0
138 17.3 12.8 19.2

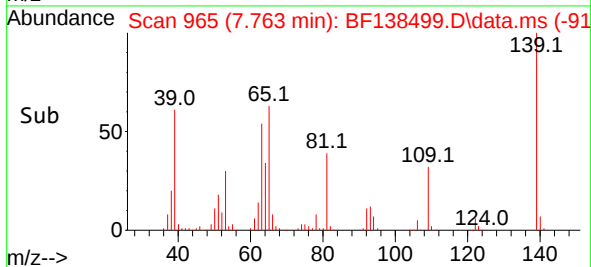
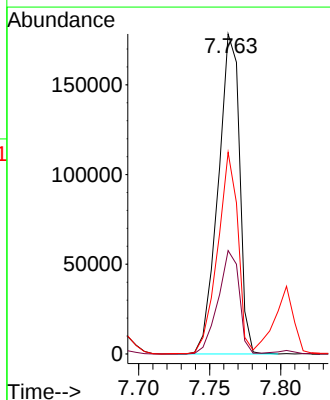
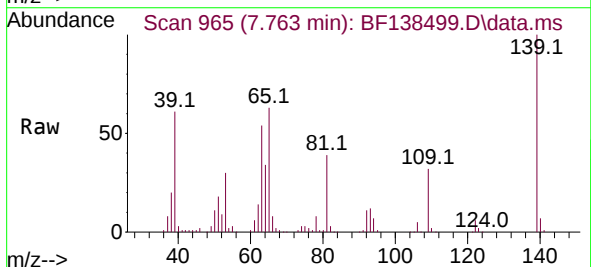
Manual Integrations
APPROVED

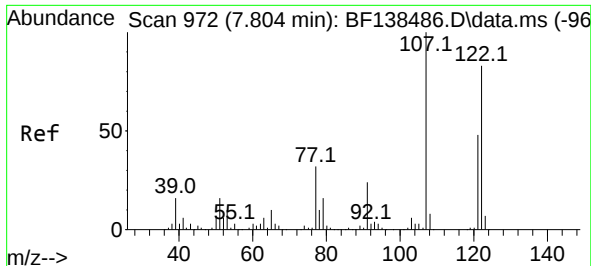
Reviewed By :Yogesh Patel 07/11/2024
Supervised By :mohammad ahmed 07/11/2024



#26
2-Nitrophenol
Concen: 48.846 ng
RT: 7.763 min Scan# 965
Delta R.T. -0.006 min
Lab File: BF138499.D
Acq: 10 Jul 2024 13:58

Tgt Ion:139 Resp: 186605
Ion Ratio Lower Upper
139 100
109 32.3 24.8 37.2
65 63.0 45.1 67.7





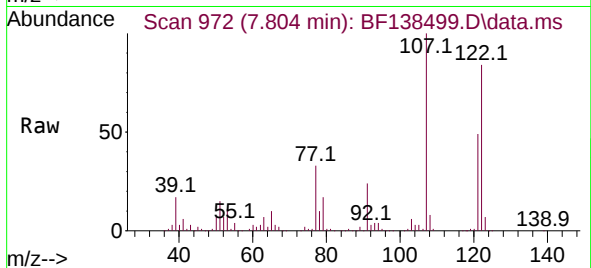
#27
2,4-Dimethylphenol
Concen: 66.261 ng
RT: 7.804 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF138499.D
Acq: 10 Jul 2024 13:58

Instrument :

BNA_F

ClientSampleId :

PB161976BSD



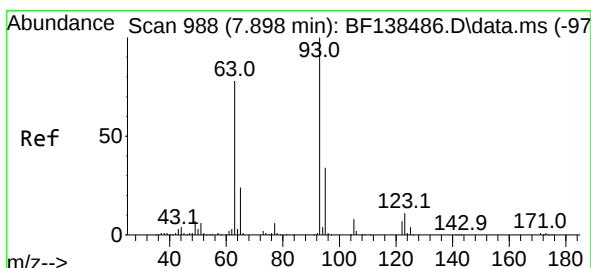
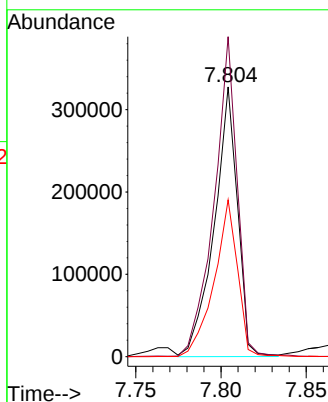
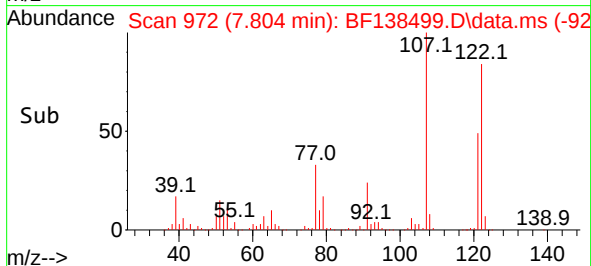
Tgt Ion:122 Resp: 311114
Ion Ratio Lower Upper
122 100
107 118.6 96.3 144.5
121 58.1 46.7 70.1

Manual Integrations

APPROVED

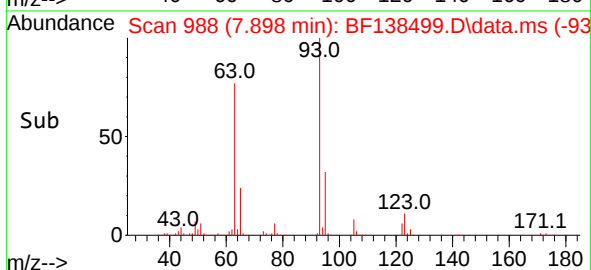
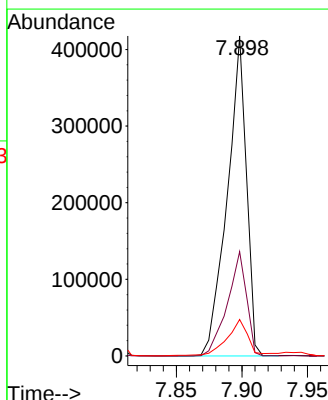
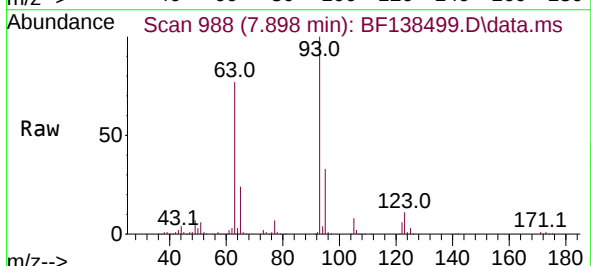
Reviewed By :Yogesh Patel 07/11/2024

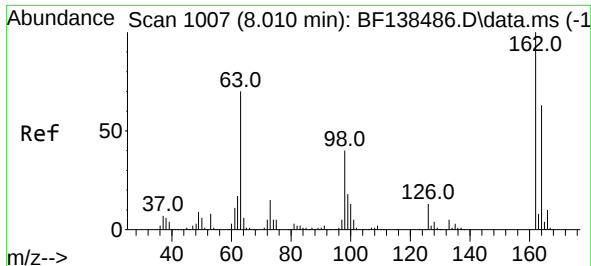
Supervised By :mohammad ahmed 07/11/2024



#28
bis(2-Chloroethoxy)methane
Concen: 47.118 ng
RT: 7.898 min Scan# 988
Delta R.T. 0.000 min
Lab File: BF138499.D
Acq: 10 Jul 2024 13:58

Tgt Ion: 93 Resp: 424152
Ion Ratio Lower Upper
93 100
95 32.6 27.0 40.6
123 11.4 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 47.197 ng

RT: 8.010 min Scan# 1007

Delta R.T. 0.000 min

Lab File: BF138499.D

Acq: 10 Jul 2024 13:58

Instrument :

BNA_F

ClientSampleId :

PB161976BSD

Tgt Ion:162 Resp: 287772

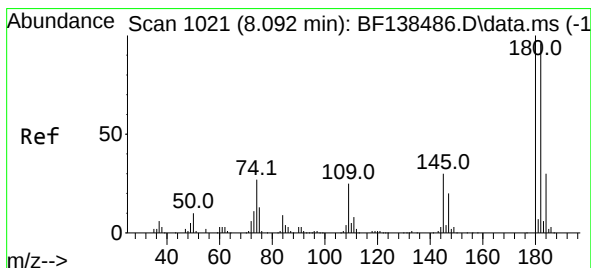
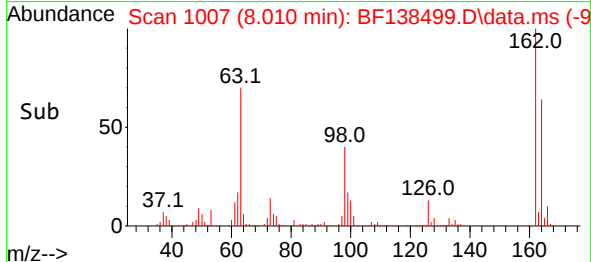
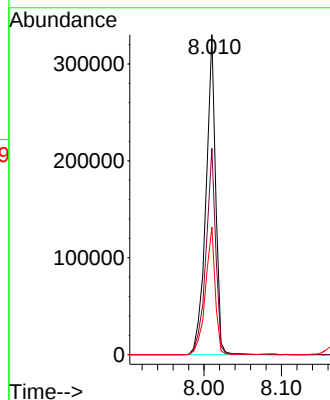
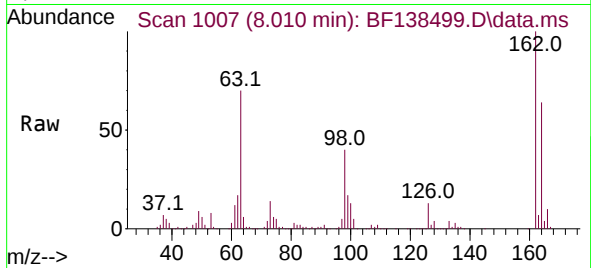
Ion	Ratio	Lower	Upper
162	100		
164	64.4	42.6	82.6
98	39.8	20.1	60.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/11/2024

Supervised By :mohammad ahmed 07/11/2024



#30

1,2,4-Trichlorobenzene

Concen: 44.302 ng

RT: 8.086 min Scan# 1020

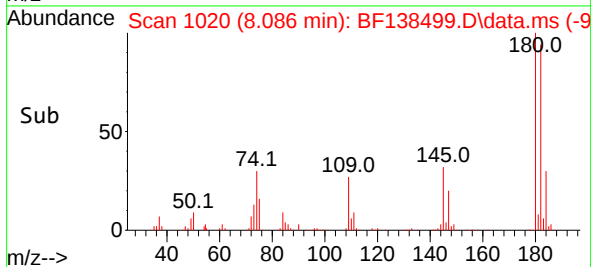
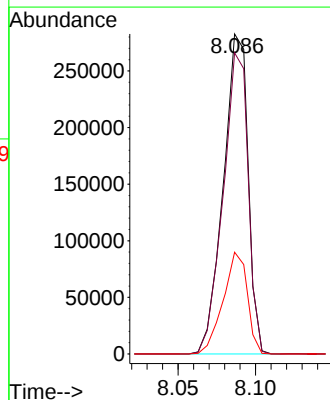
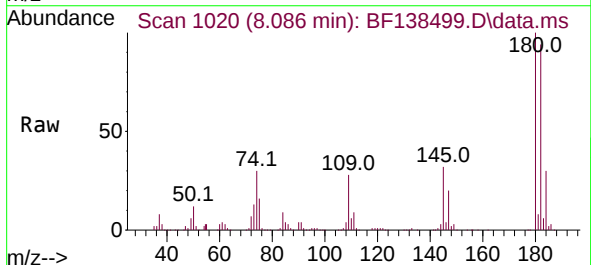
Delta R.T. -0.006 min

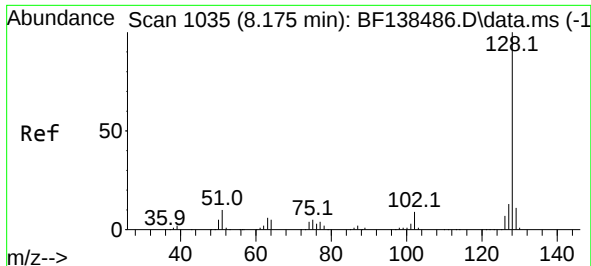
Lab File: BF138499.D

Acq: 10 Jul 2024 13:58

Tgt Ion:180 Resp: 314672

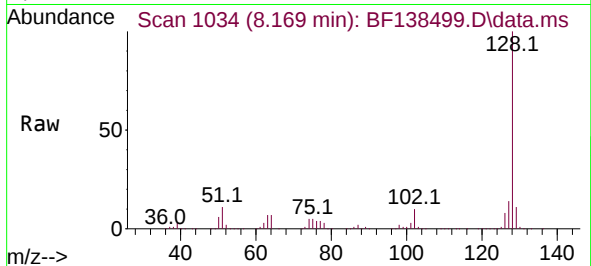
Ion	Ratio	Lower	Upper
180	100		
182	94.1	76.9	115.3
145	31.8	23.9	35.9





#31
Naphthalene
Concen: 44.377 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF138499.D
Acq: 10 Jul 2024 13:58

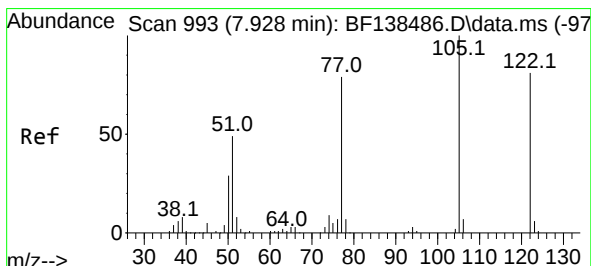
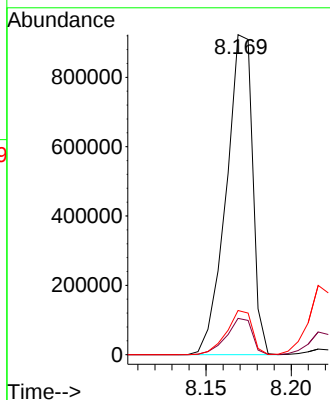
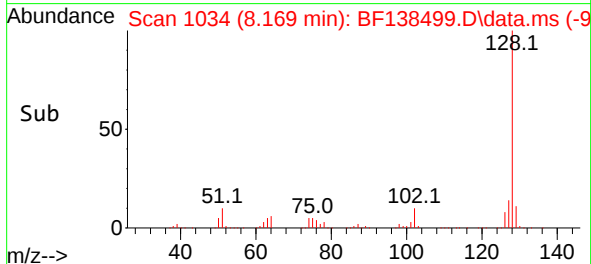
Instrument :
BNA_F
ClientSampleId :
PB161976BSD



Tgt Ion:128 Resp: 993900
Ion Ratio Lower Upper
128 100
129 11.4 8.6 13.0
127 13.8 10.7 16.1

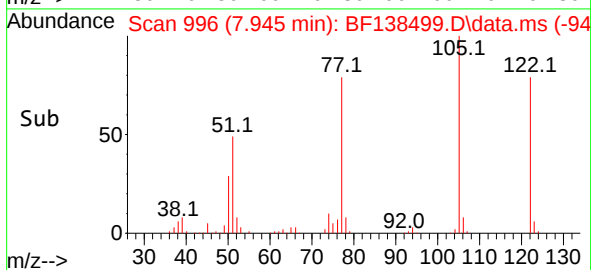
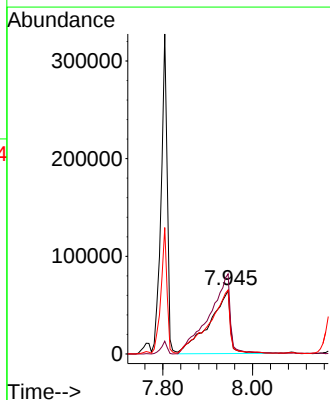
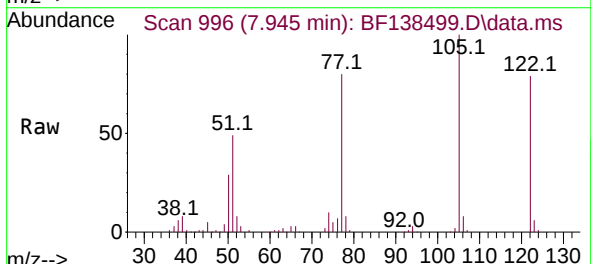
Manual Integrations
APPROVED

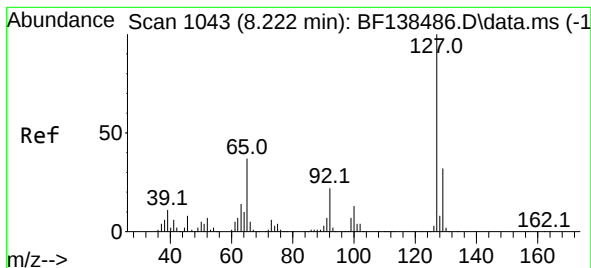
Reviewed By :Yogesh Patel 07/11/2024
Supervised By :mohammad ahmed 07/11/2024



#32
Benzoic acid
Concen: 47.157 ng
RT: 7.945 min Scan# 996
Delta R.T. 0.018 min
Lab File: BF138499.D
Acq: 10 Jul 2024 13:58

Tgt Ion:122 Resp: 211181
Ion Ratio Lower Upper
122 100
105 126.1 101.5 141.5
77 100.8 77.3 117.3





#33

4-Chloroaniline

Concen: 27.551 ng

RT: 8.216 min Scan# 1042

Delta R.T. -0.006 min

Lab File: BF138499.D

Acq: 10 Jul 2024 13:58

Instrument :

BNA_F

ClientSampleId :

PB161976BSD

Tgt Ion:127 Resp: 216504

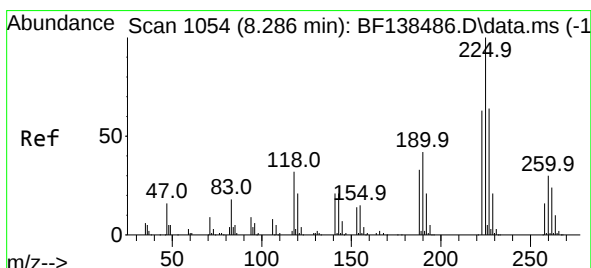
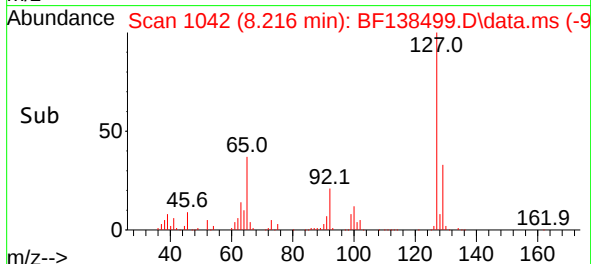
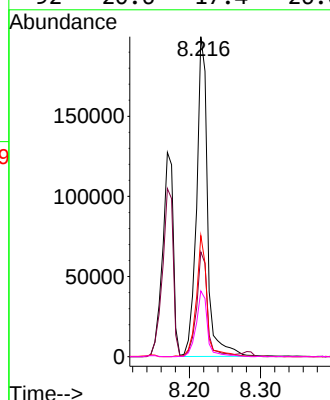
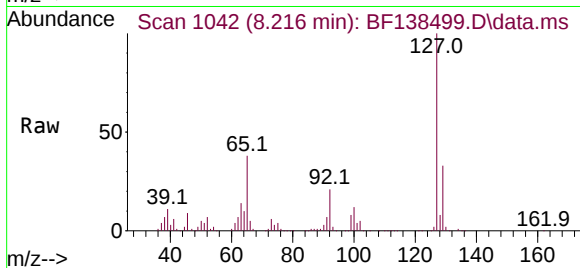
Ion	Ratio	Lower	Upper
127	100		
129	32.8	25.6	38.4
65	37.8	29.6	44.4
92	20.6	17.4	26.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/11/2024

Supervised By :mohammad ahmed 07/11/2024



#34

Hexachlorobutadiene

Concen: 42.457 ng

RT: 8.281 min Scan# 1053

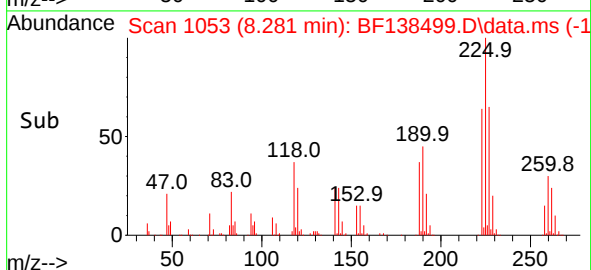
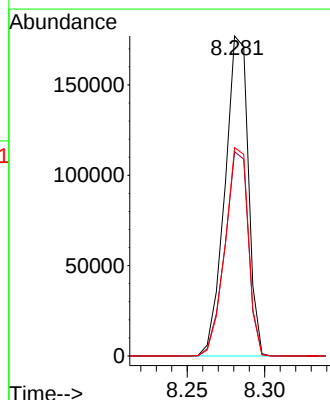
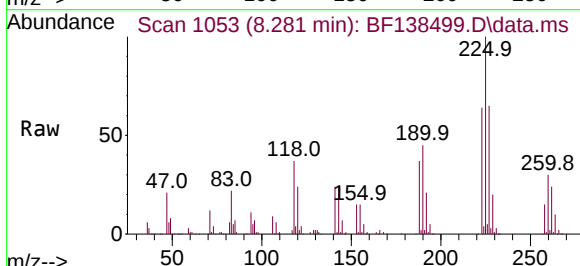
Delta R.T. -0.006 min

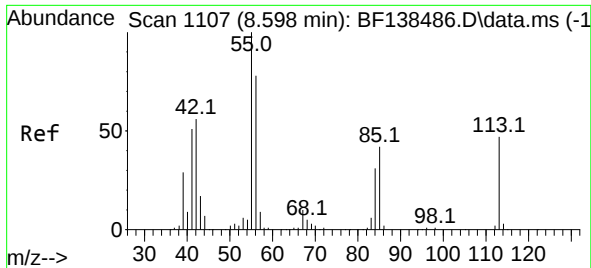
Lab File: BF138499.D

Acq: 10 Jul 2024 13:58

Tgt Ion:225 Resp: 185704

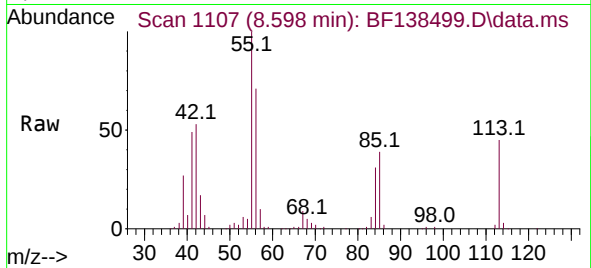
Ion	Ratio	Lower	Upper
225	100		
223	63.9	50.0	75.0
227	65.1	51.0	76.6





#35
Caprolactam
Concen: 49.930 ng m
RT: 8.598 min Scan# 1107
Delta R.T. 0.000 min
Lab File: BF138499.D
Acq: 10 Jul 2024 13:58

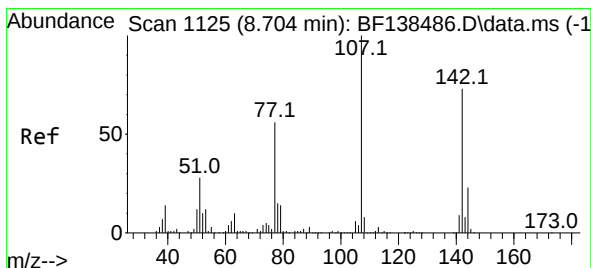
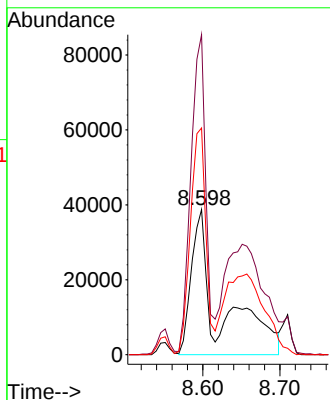
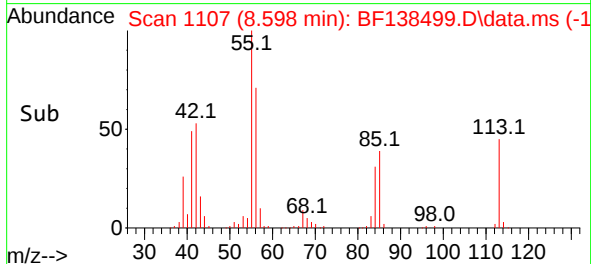
Instrument :
BNA_F
ClientSampleId :
PB161976BSD



Tgt Ion:113 Resp: 98238
Ion Ratio Lower Upper
113 100
55 220.6 192.5 232.5
56 156.2 145.3 185.3

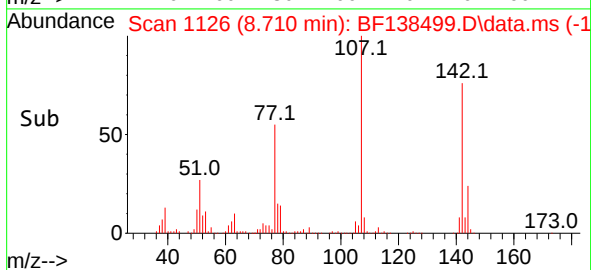
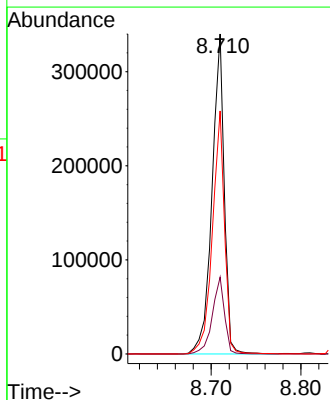
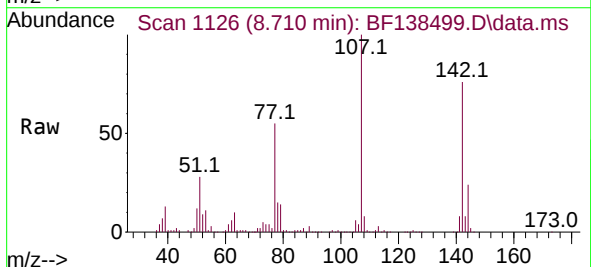
Manual Integrations
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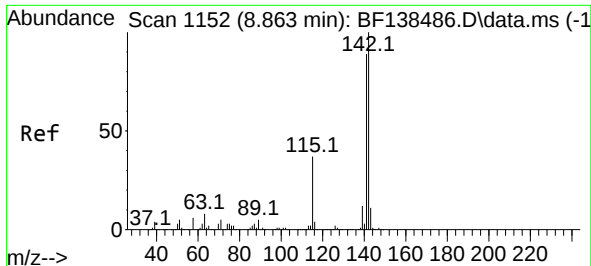
Reviewed By :Yogesh Patel 07/11/2024
Supervised By :mohammad ahmed 07/11/2024



#36
4-Chloro-3-methylphenol
Concen: 47.210 ng
RT: 8.710 min Scan# 1126
Delta R.T. 0.006 min
Lab File: BF138499.D
Acq: 10 Jul 2024 13:58

Tgt Ion:107 Resp: 322257
Ion Ratio Lower Upper
107 100
144 24.0 18.6 27.8
142 76.0 58.6 88.0





#37
2-Methylnaphthalene
Concen: 45.667 ng
RT: 8.863 min Scan# 1152
Delta R.T. 0.000 min
Lab File: BF138499.D
Acq: 10 Jul 2024 13:58

Instrument :

BNA_F

ClientSampleId :

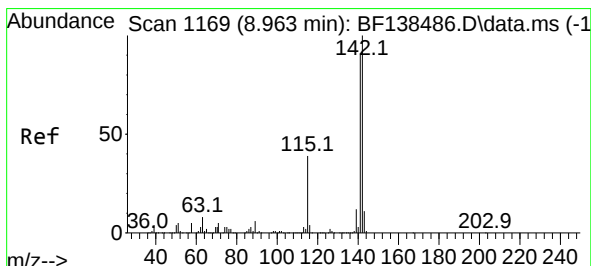
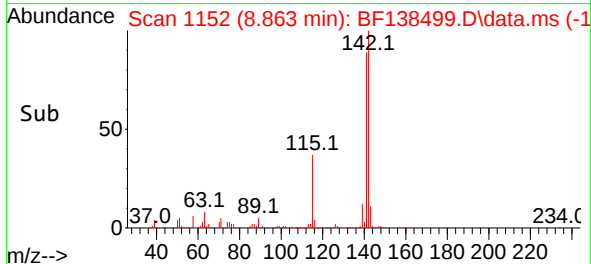
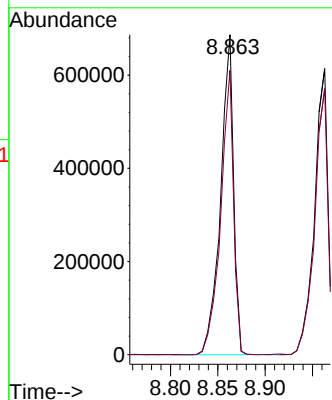
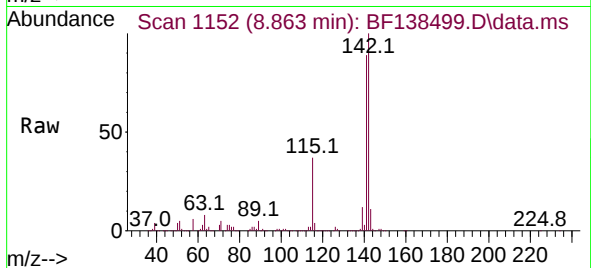
PB161976BSD

Tgt Ion:142 Resp: 65819
Ion Ratio Lower Upper
142 100
141 88.9 71.4 107.0

Manual Integrations

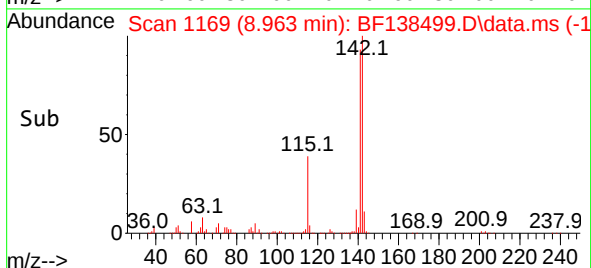
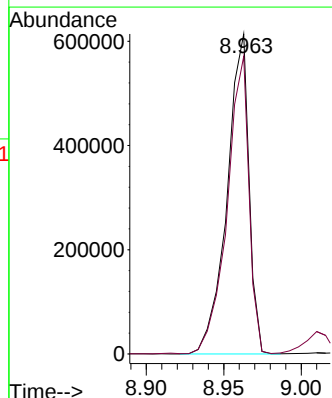
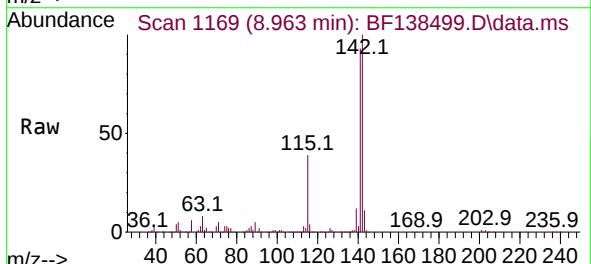
APPROVED

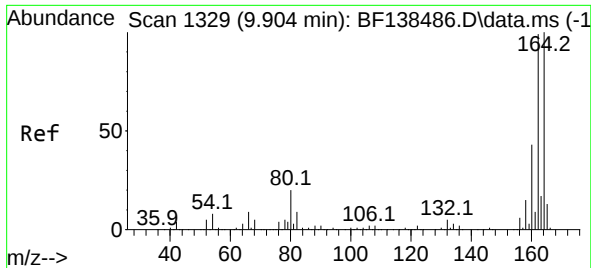
Reviewed By :Yogesh Patel 07/11/2024
Supervised By :mohammad ahmed 07/11/2024



#38
1-Methylnaphthalene
Concen: 43.025 ng
RT: 8.963 min Scan# 1169
Delta R.T. 0.000 min
Lab File: BF138499.D
Acq: 10 Jul 2024 13:58

Tgt Ion:142 Resp: 605195
Ion Ratio Lower Upper
142 100
141 93.0 72.6 108.8





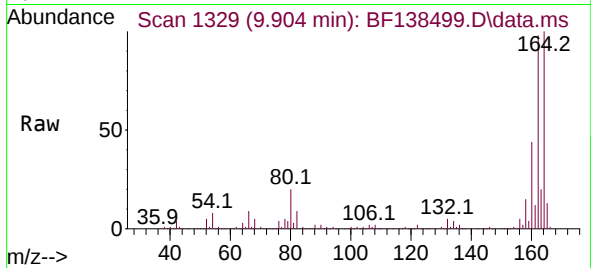
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1180
Delta R.T. 0.000 min
Lab File: BF138499.D
Acq: 10 Jul 2024 13:58

Instrument :

BNA_F

ClientSampleId :

PB161976BSD



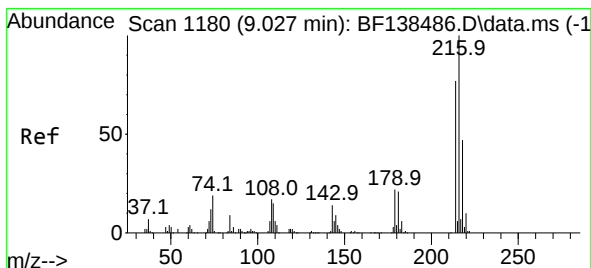
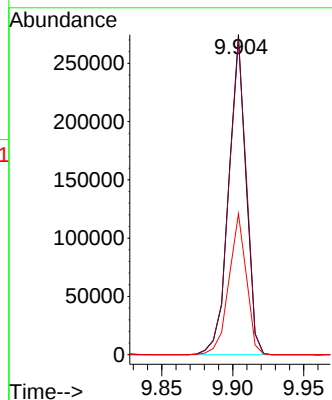
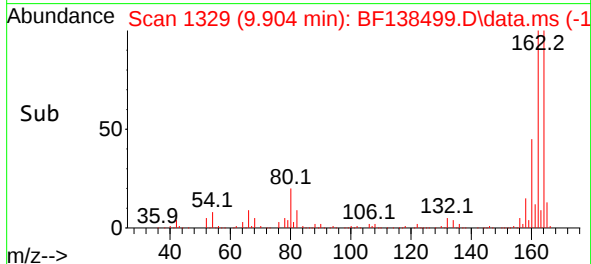
Tgt Ion:164 Resp: 23253
Ion Ratio Lower Upper
164 100
162 98.5 79.0 118.6
160 44.1 34.4 51.6

Manual Integrations

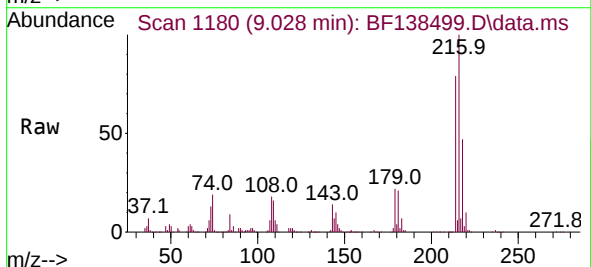
APPROVED

Reviewed By :Yogesh Patel 07/11/2024

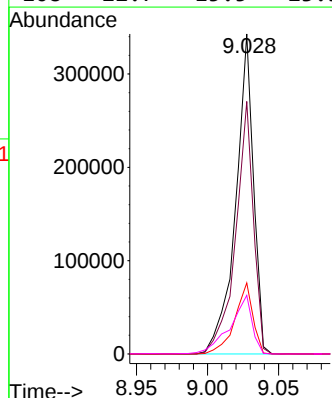
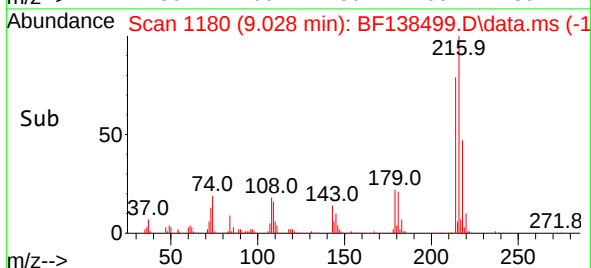
Supervised By :mohammad ahmed 07/11/2024

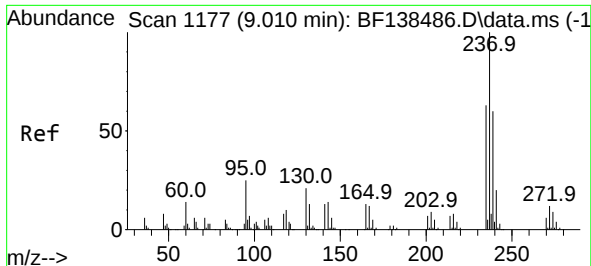


#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.139 ng
RT: 9.028 min Scan# 1180
Delta R.T. 0.000 min
Lab File: BF138499.D
Acq: 10 Jul 2024 13:58



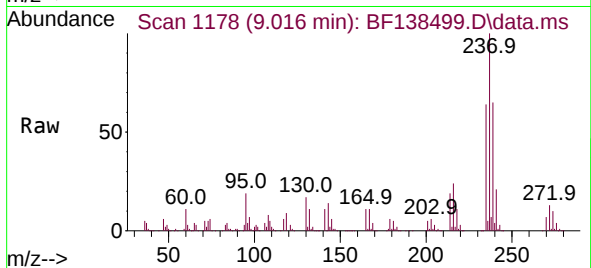
Tgt Ion:216 Resp: 299017
Ion Ratio Lower Upper
216 100
214 78.7 62.8 94.2
179 22.6 17.7 26.5
108 22.7 15.5 23.3





#41
Hexachlorocyclopentadiene
Concen: 175.967 ng
RT: 9.016 min Scan# 1177
Delta R.T. 0.006 min
Lab File: BF138499.D
Acq: 10 Jul 2024 13:58

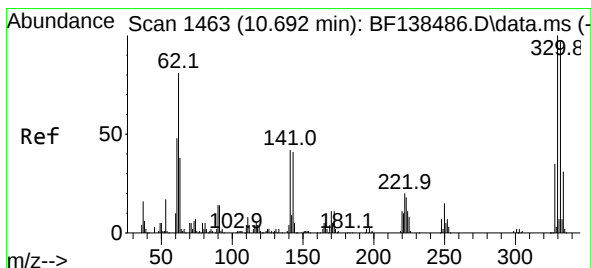
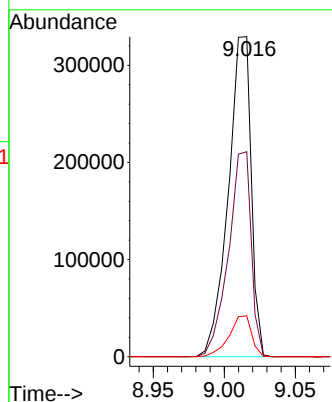
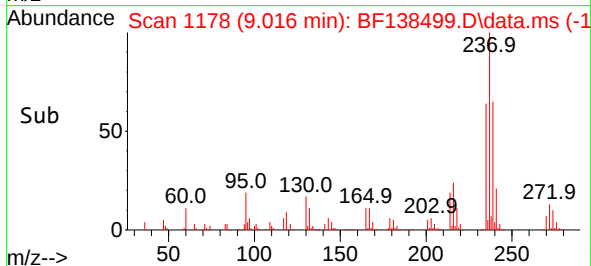
Instrument :
BNA_F
ClientSampleId :
PB161976BSD



Tgt Ion:237 Resp: 37015
Ion Ratio Lower Upper
237 100
235 64.0 43.3 83.3
272 12.8 0.0 32.3

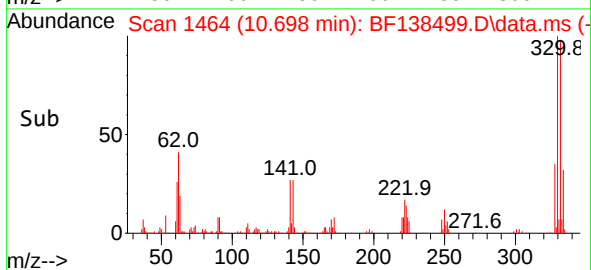
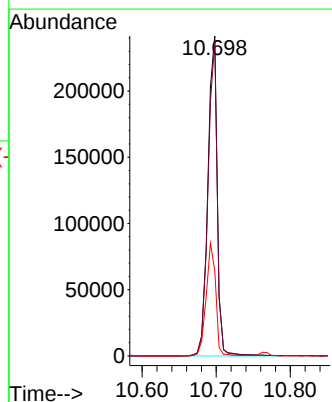
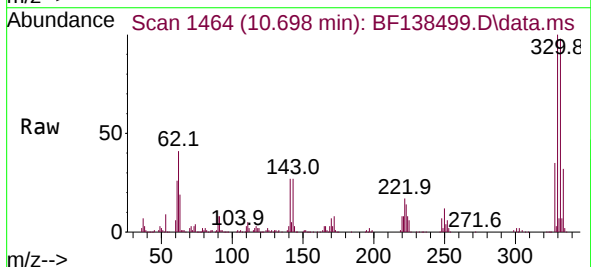
Manual Integrations
APPROVED

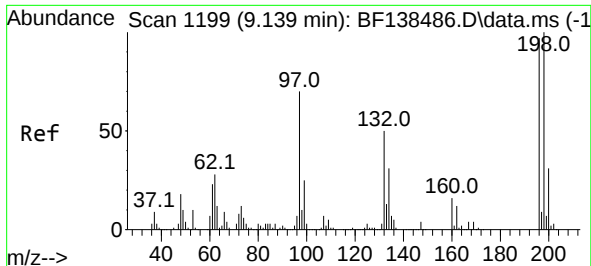
Reviewed By :Yogesh Patel 07/11/2024
Supervised By :mohammad ahmed 07/11/2024



#42
2,4,6-Tribromophenol
Concen: 98.227 ng
RT: 10.698 min Scan# 1464
Delta R.T. 0.006 min
Lab File: BF138499.D
Acq: 10 Jul 2024 13:58

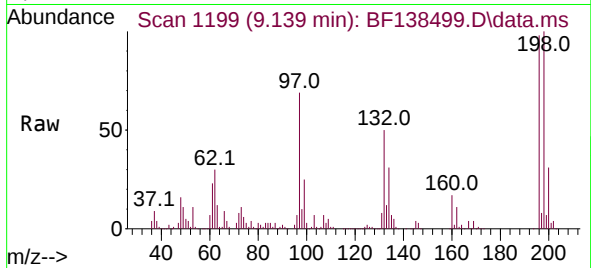
Tgt Ion:330 Resp: 213473
Ion Ratio Lower Upper
330 100
332 96.7 76.8 115.2
141 36.0 29.4 44.2





#43
2,4,6-Trichlorophenol
Concen: 49.558 ng
RT: 9.139 min Scan# 1199
Delta R.T. 0.000 min
Lab File: BF138499.D
Acq: 10 Jul 2024 13:58

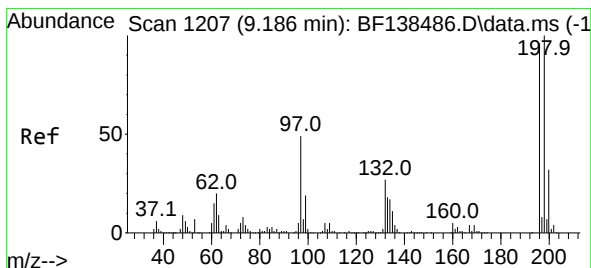
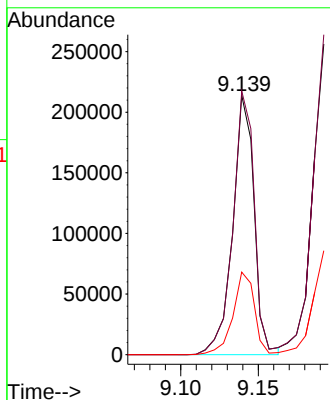
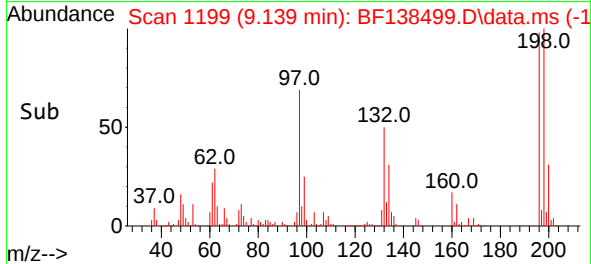
Instrument :
BNA_F
ClientSampleId :
PB161976BSD



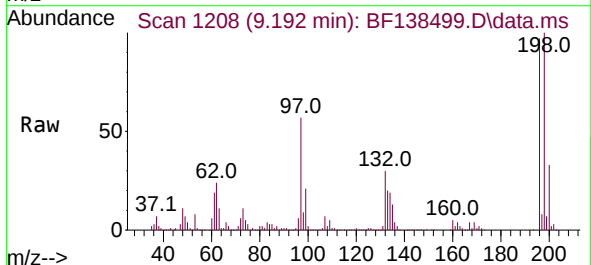
Tgt Ion:196 Resp: 20487
Ion Ratio Lower Upper
196 100
198 101.7 82.3 123.5
200 31.8 25.8 38.6

Manual Integrations
APPROVED

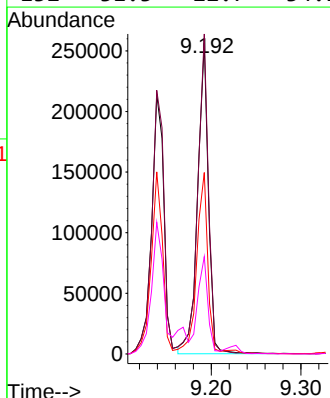
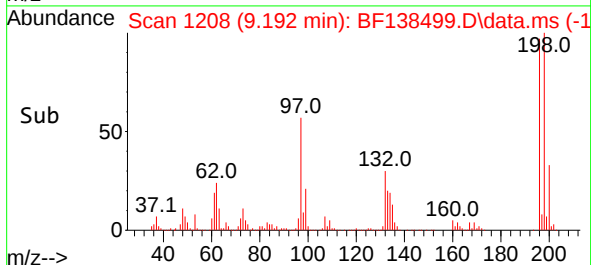
Reviewed By :Yogesh Patel 07/11/2024
Supervised By :mohammad ahmed 07/11/2024

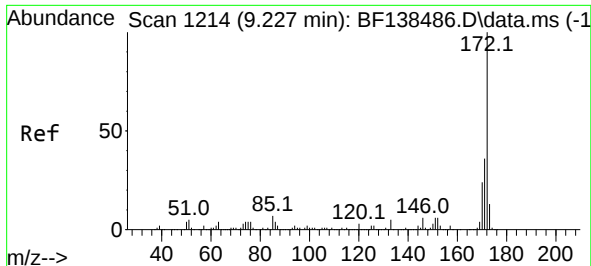


#44
2,4,5-Trichlorophenol
Concen: 47.454 ng
RT: 9.192 min Scan# 1208
Delta R.T. 0.006 min
Lab File: BF138499.D
Acq: 10 Jul 2024 13:58



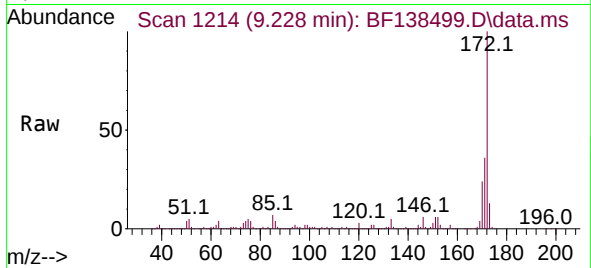
Tgt Ion:196 Resp: 215767
Ion Ratio Lower Upper
196 100
198 103.0 82.8 124.2
97 58.4 41.0 61.4
132 31.3 22.7 34.1





#45
2-Fluorobiphenyl
Concen: 90.640 ng
RT: 9.228 min Scan# 1214
Delta R.T. 0.000 min
Lab File: BF138499.D
Acq: 10 Jul 2024 13:58

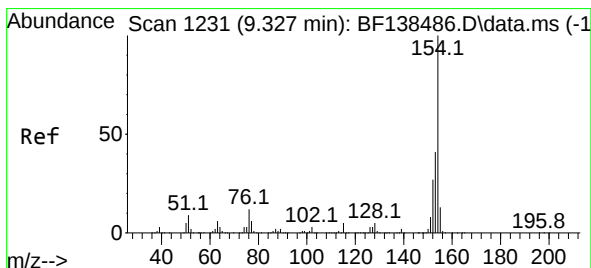
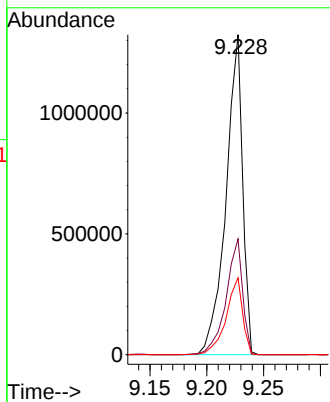
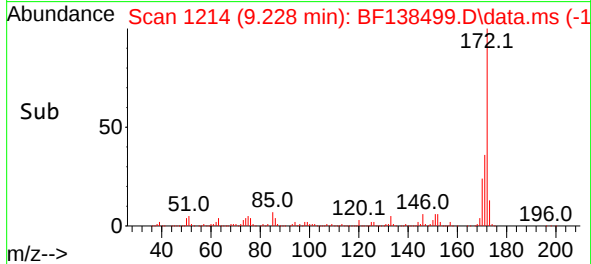
Instrument :
BNA_F
ClientSampleId :
PB161976BSD



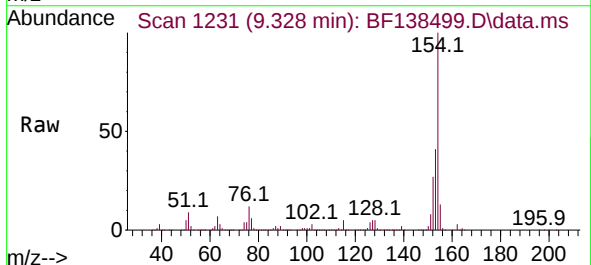
Tgt Ion:172 Resp: 1348564
Ion Ratio Lower Upper
172 100
171 36.2 28.9 43.3
170 24.0 18.9 28.3

Manual Integrations
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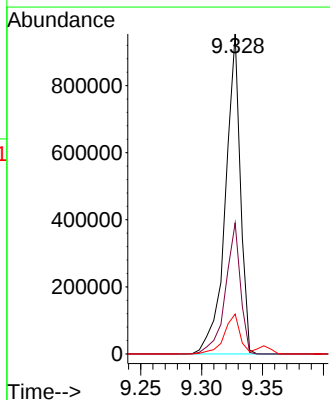
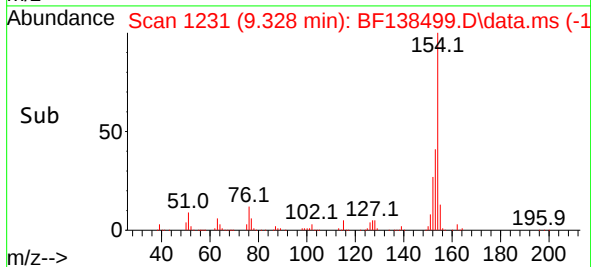
Reviewed By :Yogesh Patel 07/11/2024
Supervised By :mohammad ahmed 07/11/2024

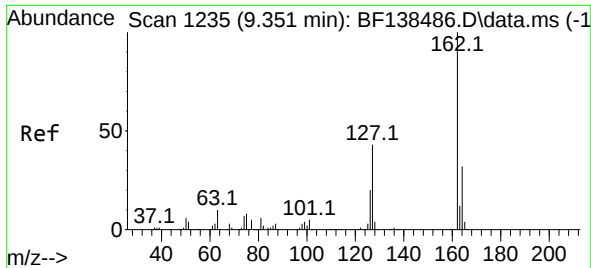


#46
1,1'-Biphenyl
Concen: 46.320 ng
RT: 9.328 min Scan# 1231
Delta R.T. 0.000 min
Lab File: BF138499.D
Acq: 10 Jul 2024 13:58



Tgt Ion:154 Resp: 816264
Ion Ratio Lower Upper
154 100
153 41.0 20.7 60.7
76 12.5 0.0 32.2





#47
2-Chloronaphthalene
Concen: 46.482 ng
RT: 9.351 min Scan# 1235
Delta R.T. 0.000 min
Lab File: BF138499.D
Acq: 10 Jul 2024 13:58

Instrument :

BNA_F

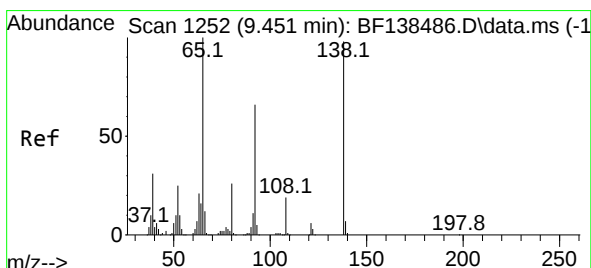
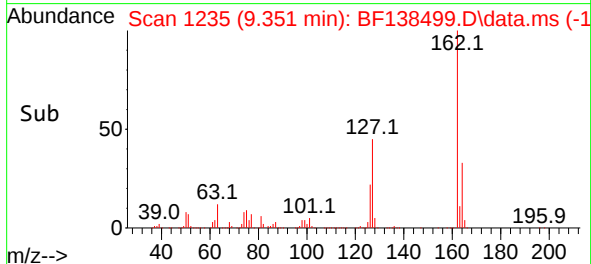
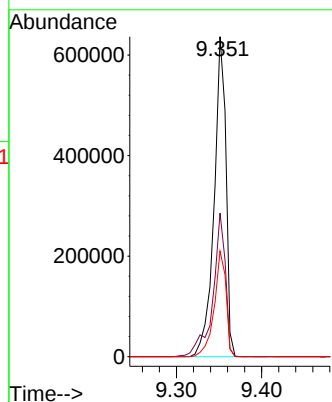
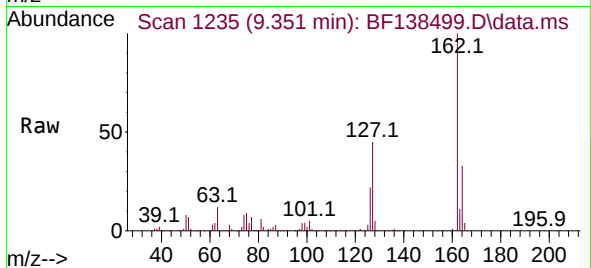
ClientSampleId :

PB161976BSD

Tgt Ion:162 Resp: 618819
Ion Ratio Lower Upper
162 100
127 44.9 34.8 52.2
164 33.0 25.6 38.4

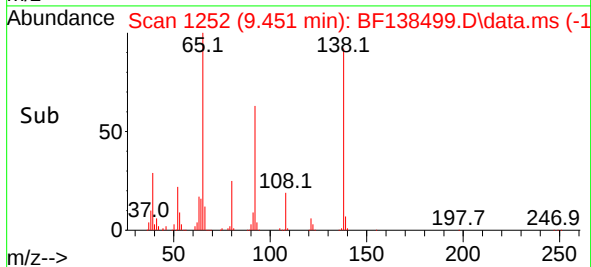
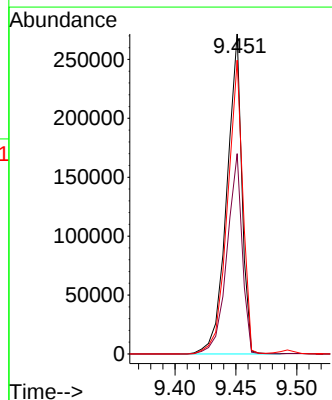
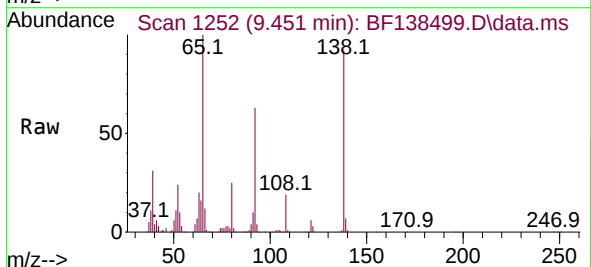
Manual Integrations
APPROVED

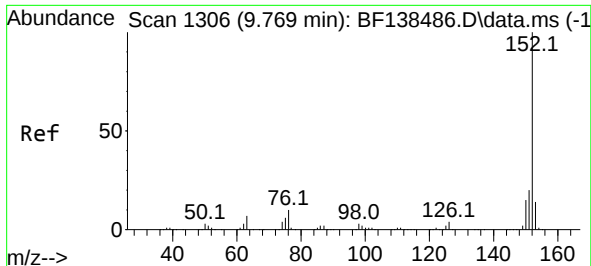
Reviewed By :Yogesh Patel 07/11/2024
Supervised By :mohammad ahmed 07/11/2024



#48
2-Nitroaniline
Concen: 50.806 ng
RT: 9.451 min Scan# 1252
Delta R.T. 0.000 min
Lab File: BF138499.D
Acq: 10 Jul 2024 13:58

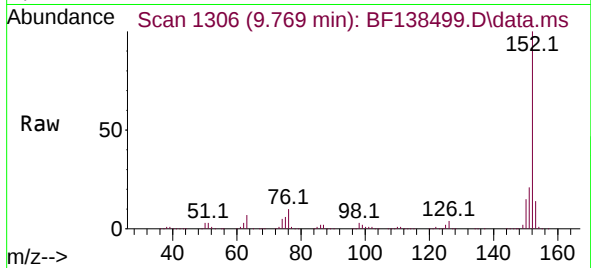
Tgt Ion: 65 Resp: 234387
Ion Ratio Lower Upper
65 100
92 62.6 52.6 78.8
138 91.8 78.6 118.0





#49
Acenaphthylene
Concen: 49.524 ng
RT: 9.769 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF138499.D
Acq: 10 Jul 2024 13:58

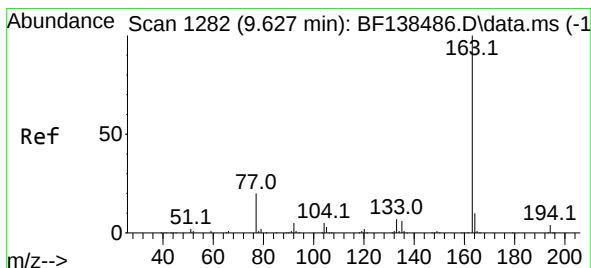
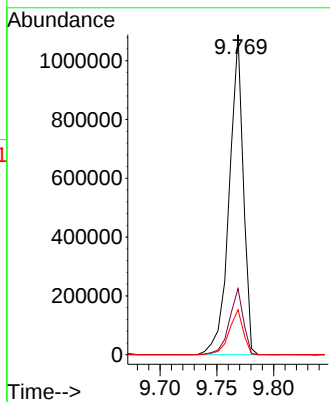
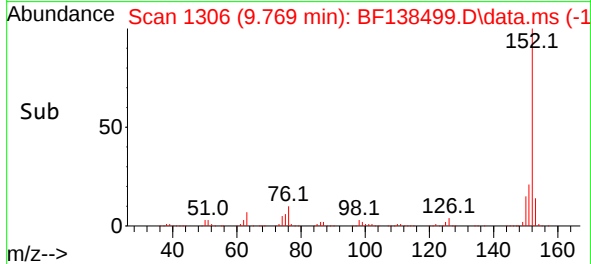
Instrument :
BNA_F
ClientSampleId :
PB161976BSD



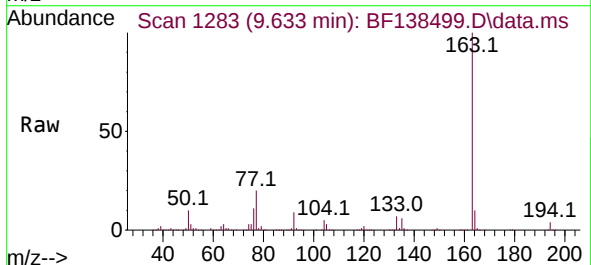
Tgt Ion:152 Resp: 936073
Ion Ratio Lower Upper
152 100
151 20.7 16.3 24.5
153 14.1 11.3 16.9

Manual Integrations
APPROVED

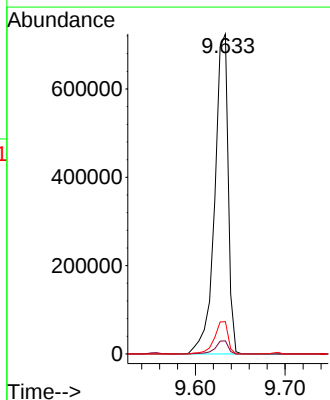
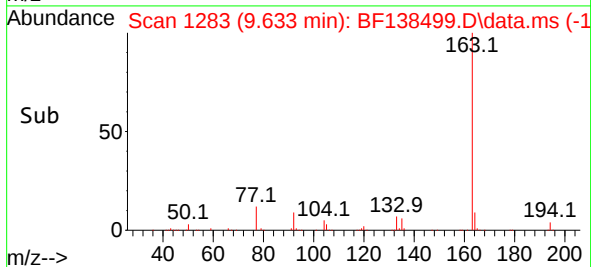
Reviewed By :Yogesh Patel 07/11/2024
Supervised By :mohammad ahmed 07/11/2024

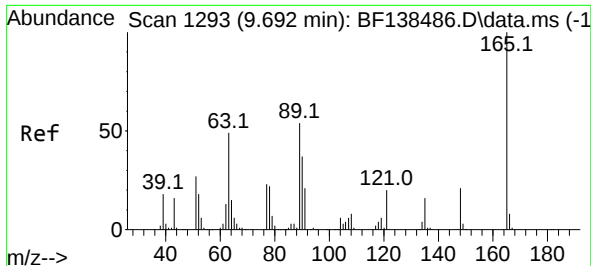


#50
Dimethylphthalate
Concen: 50.037 ng
RT: 9.633 min Scan# 1283
Delta R.T. 0.006 min
Lab File: BF138499.D
Acq: 10 Jul 2024 13:58



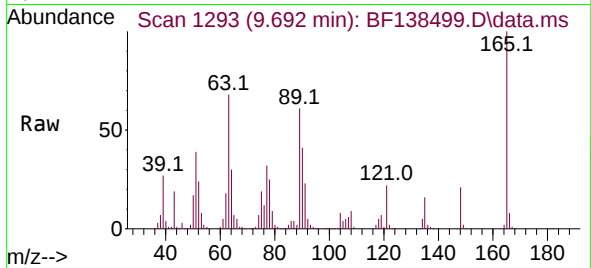
Tgt Ion:163 Resp: 752351
Ion Ratio Lower Upper
163 100
194 4.1 3.0 4.6
164 10.1 8.1 12.1





#51
2,6-Dinitrotoluene
Concen: 49.162 ng
RT: 9.692 min Scan# 1293
Delta R.T. 0.000 min
Lab File: BF138499.D
Acq: 10 Jul 2024 13:58

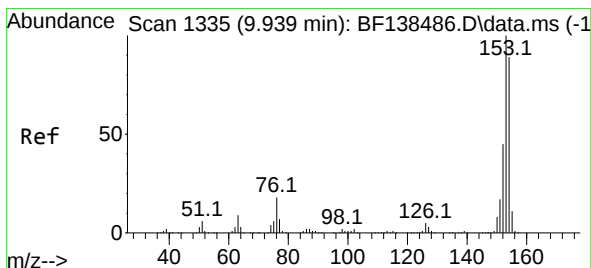
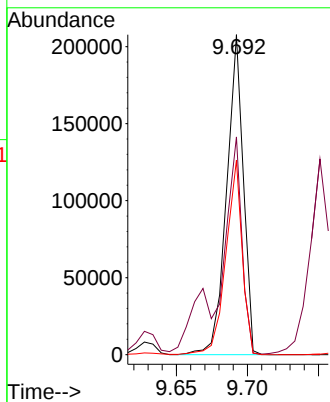
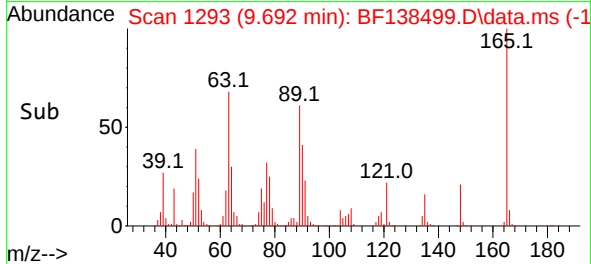
Instrument :
BNA_F
ClientSampleId :
PB161976BSD



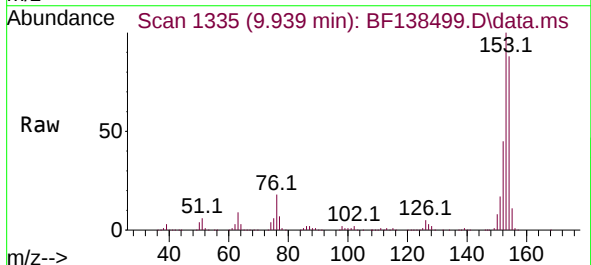
Tgt Ion:165 Resp: 170200
Ion Ratio Lower Upper
165 100
63 68.1 48.1 72.1
89 60.8 43.0 64.6

Manual Integrations
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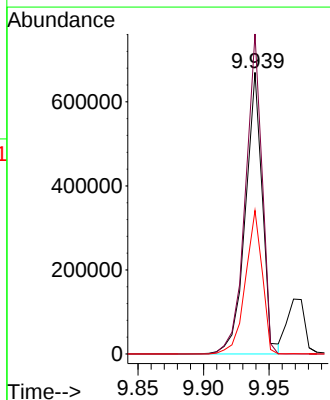
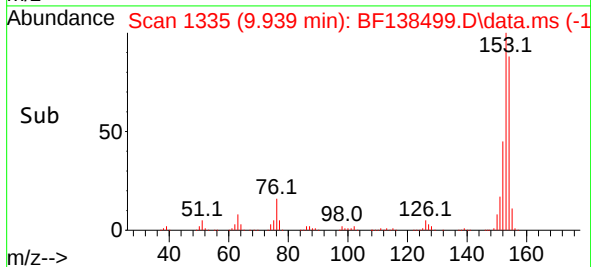
Reviewed By :Yogesh Patel 07/11/2024
Supervised By :mohammad ahmed 07/11/2024

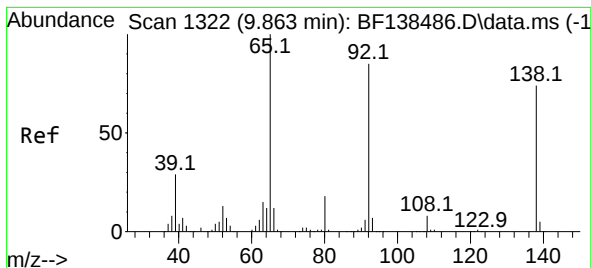


#52
Acenaphthene
Concen: 48.016 ng
RT: 9.939 min Scan# 1335
Delta R.T. 0.000 min
Lab File: BF138499.D
Acq: 10 Jul 2024 13:58



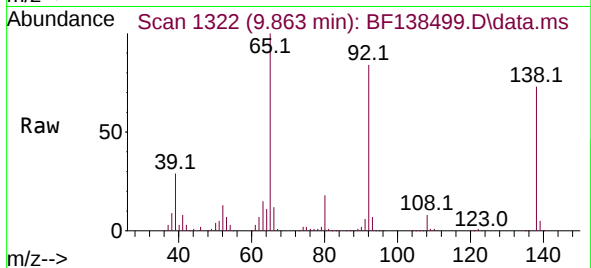
Tgt Ion:154 Resp: 603273
Ion Ratio Lower Upper
154 100
153 113.6 90.4 135.6
152 51.0 41.1 61.7





#53
3-Nitroaniline
Concen: 34.432 ng
RT: 9.863 min Scan# 1322
Delta R.T. 0.000 min
Lab File: BF138499.D
Acq: 10 Jul 2024 13:58

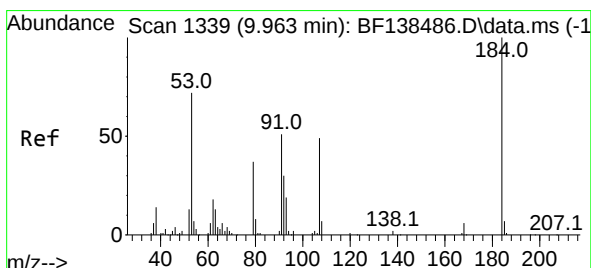
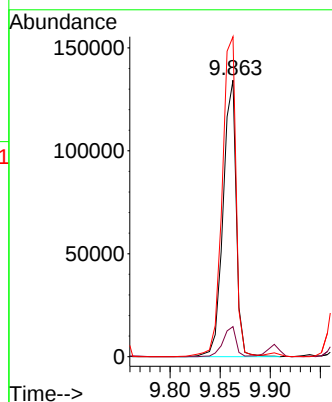
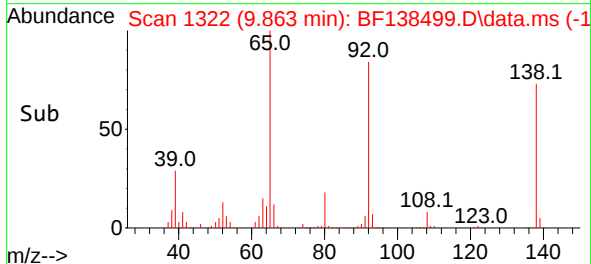
Instrument :
BNA_F
ClientSampleId :
PB161976BSD



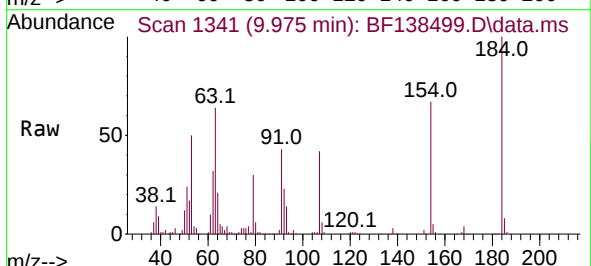
Tgt Ion:138 Resp: 122177
Ion Ratio Lower Upper
138 100
108 10.9 8.3 12.5
92 115.7 92.6 138.8

Manual Integrations
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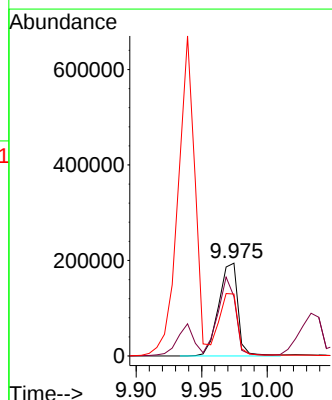
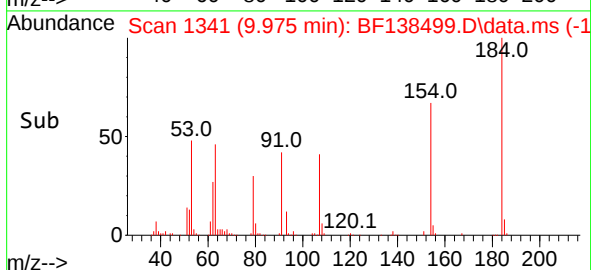
Reviewed By :Yogesh Patel 07/11/2024
Supervised By :mohammad ahmed 07/11/2024

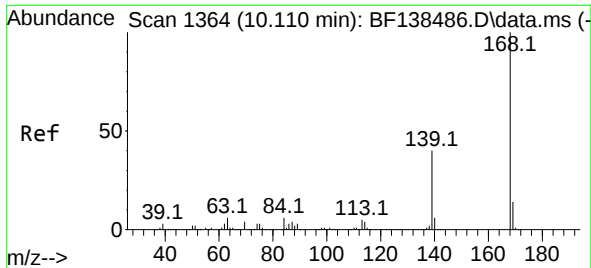


#54
2,4-Dinitrophenol
Concen: 105.335 ng
RT: 9.975 min Scan# 1341
Delta R.T. 0.012 min
Lab File: BF138499.D
Acq: 10 Jul 2024 13:58



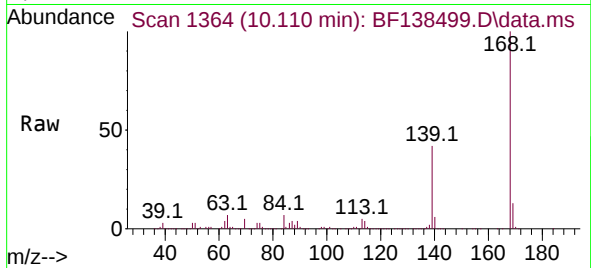
Tgt Ion:184 Resp: 198632
Ion Ratio Lower Upper
184 100
63 64.0 70.6 106.0#
154 66.7 53.8 80.6





#55
Dibenzofuran
Concen: 48.190 ng
RT: 10.110 min Scan# 1364
Delta R.T. 0.000 min
Lab File: BF138499.D
Acq: 10 Jul 2024 13:58

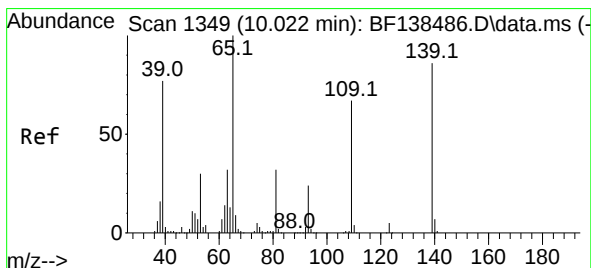
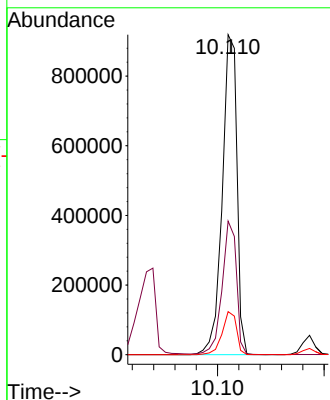
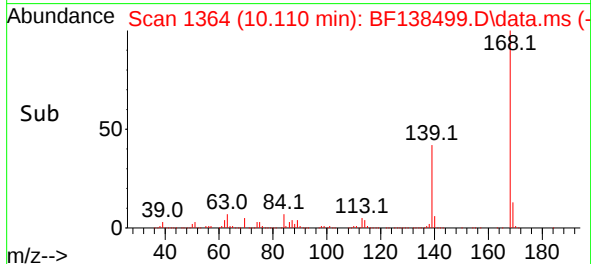
Instrument :
BNA_F
ClientSampleId :
PB161976BSD



Tgt Ion:168 Resp: 878197
Ion Ratio Lower Upper
168 100
139 41.8 32.4 48.6
169 13.5 10.9 16.3

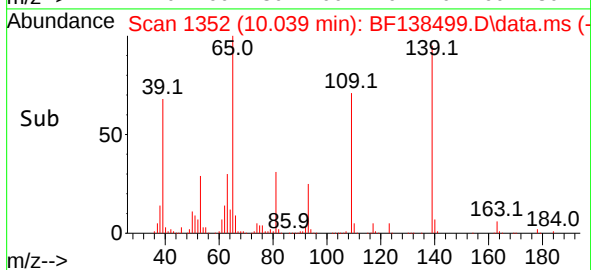
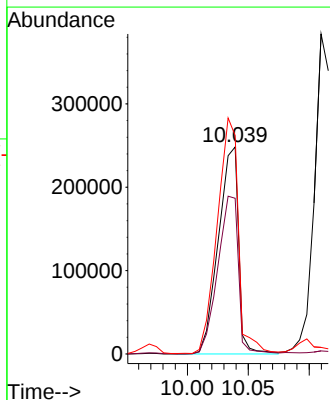
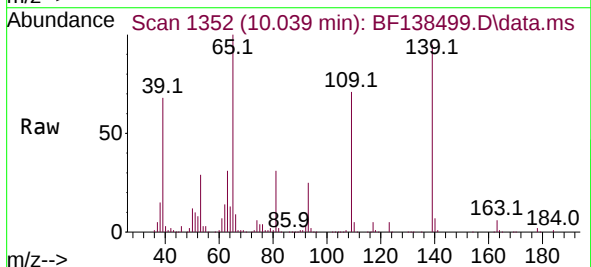
Manual Integrations
APPROVED

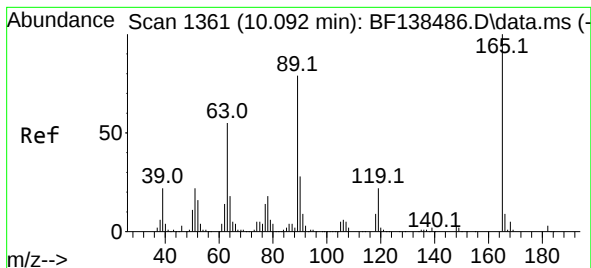
Reviewed By :Yogesh Patel 07/11/2024
Supervised By :mohammad ahmed 07/11/2024



#56
4-Nitrophenol
Concen: 109.592 ng
RT: 10.039 min Scan# 1352
Delta R.T. 0.018 min
Lab File: BF138499.D
Acq: 10 Jul 2024 13:58

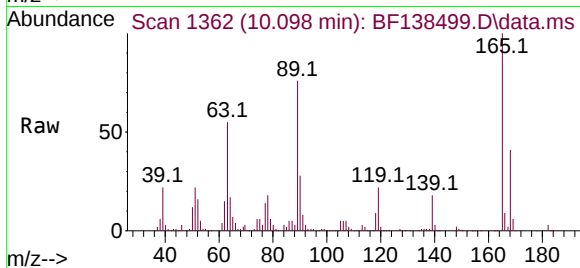
Tgt Ion:139 Resp: 286929
Ion Ratio Lower Upper
139 100
109 75.2 58.1 98.1
65 105.5 96.9 136.9





#57
2,4-Dinitrotoluene
Concen: 50.688 ng
RT: 10.098 min Scan# 1361
Delta R.T. 0.006 min
Lab File: BF138499.D
Acq: 10 Jul 2024 13:58

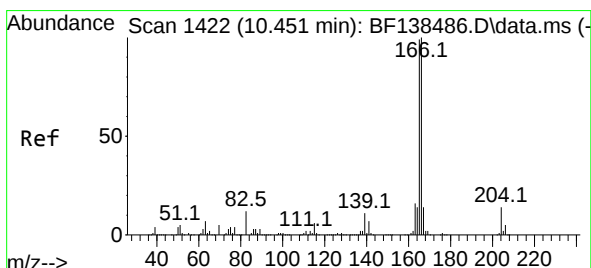
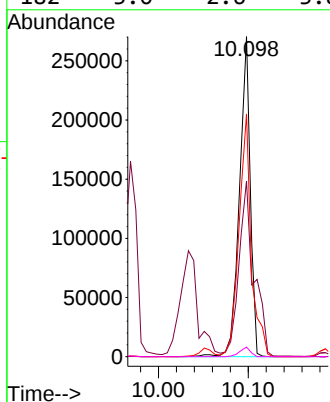
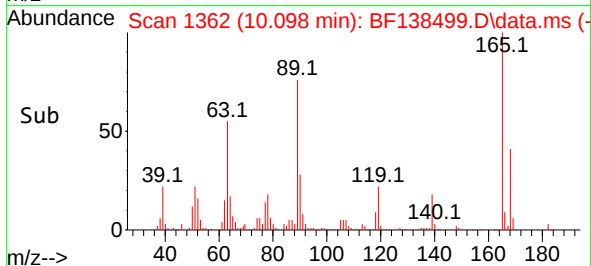
Instrument :
BNA_F
ClientSampleId :
PB161976BSD



Tgt Ion:165 Resp: 22704
Ion Ratio Lower Upper
165 100
63 54.9 44.6 66.8
89 75.8 63.4 95.2
182 3.0 2.6 3.8

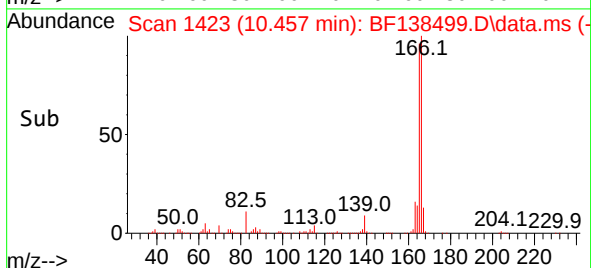
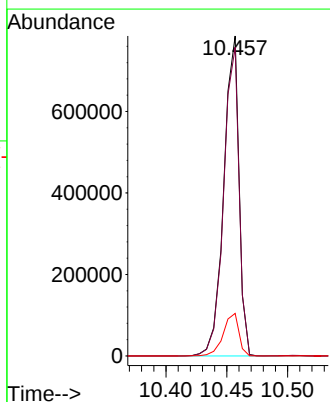
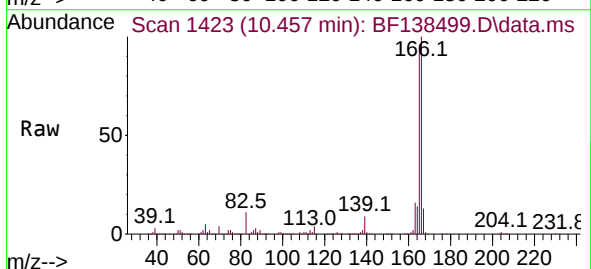
Manual Integrations
APPROVED

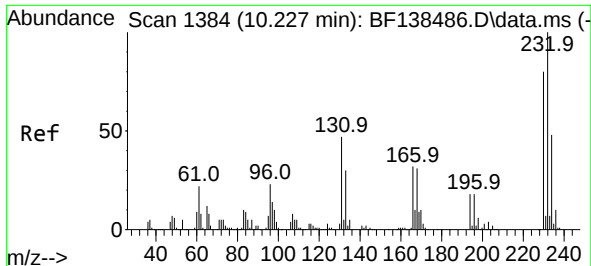
Reviewed By :Yogesh Patel 07/11/2024
Supervised By :mohammad ahmed 07/11/2024



#58
Fluorene
Concen: 47.506 ng
RT: 10.457 min Scan# 1423
Delta R.T. 0.006 min
Lab File: BF138499.D
Acq: 10 Jul 2024 13:58

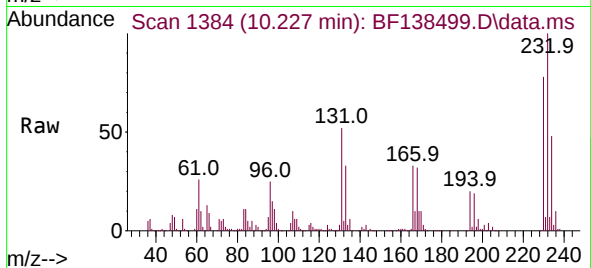
Tgt Ion:166 Resp: 685024
Ion Ratio Lower Upper
166 100
165 96.4 79.1 118.7
167 13.3 11.0 16.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 52.990 ng
RT: 10.227 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF138499.D
Acq: 10 Jul 2024 13:58

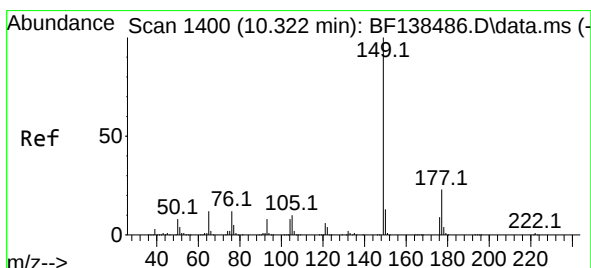
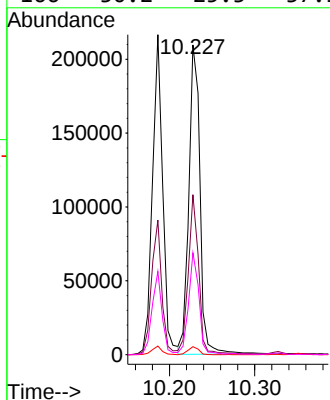
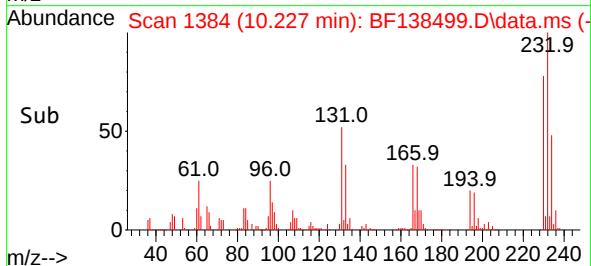
Instrument :
BNA_F
ClientSampleId :
PB161976BSD



Tgt Ion:232 Resp: 19015
Ion Ratio Lower Upper
232 100
131 47.7 37.5 56.3
130 2.5 2.0 3.0
166 30.2 25.3 37.9

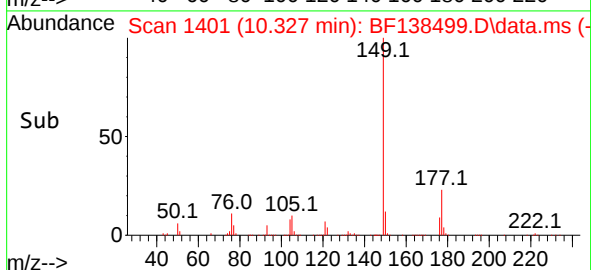
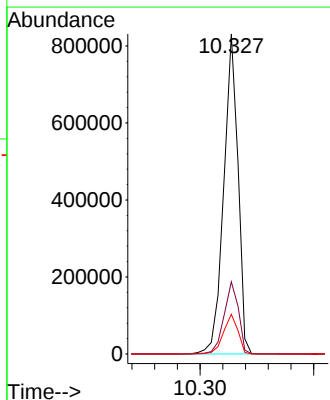
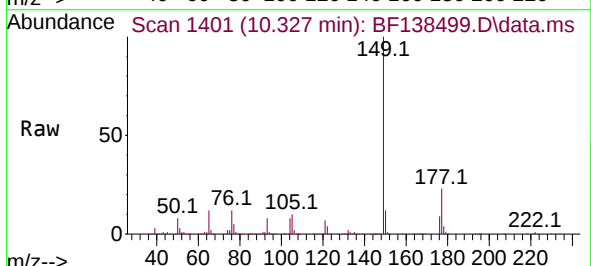
Manual Integrations
APPROVED

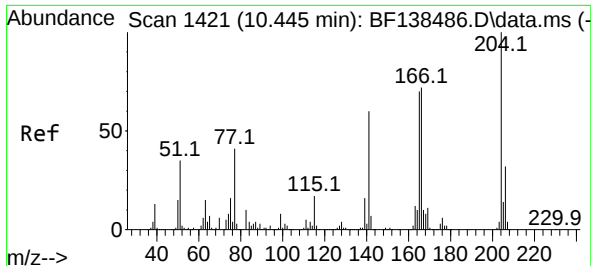
Reviewed By :Yogesh Patel 07/11/2024
Supervised By :mohammad ahmed 07/11/2024



#60
Diethylphthalate
Concen: 50.020 ng
RT: 10.327 min Scan# 1401
Delta R.T. 0.006 min
Lab File: BF138499.D
Acq: 10 Jul 2024 13:58

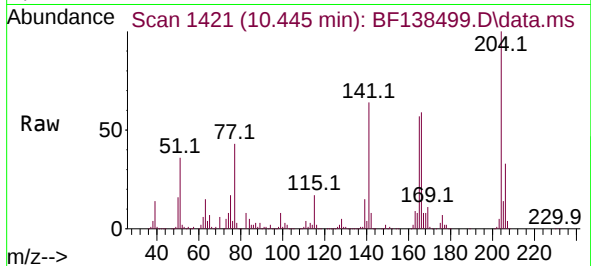
Tgt Ion:149 Resp: 725056
Ion Ratio Lower Upper
149 100
177 22.6 18.5 27.7
150 12.4 10.3 15.5





#61
4-Chlorophenyl-phenylether
Concen: 46.665 ng
RT: 10.445 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF138499.D
Acq: 10 Jul 2024 13:58

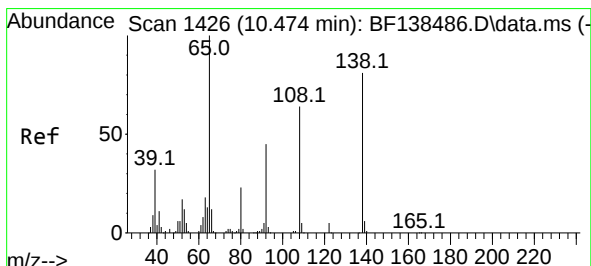
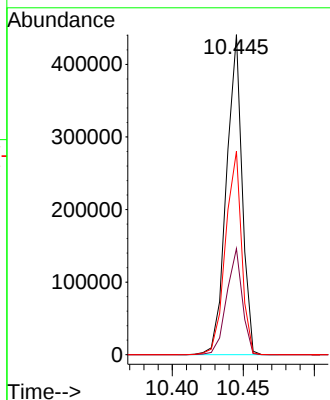
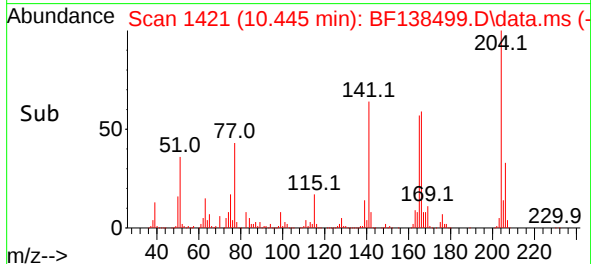
Instrument :
BNA_F
ClientSampleId :
PB161976BSD



Tgt Ion:204 Resp: 33788
Ion Ratio Lower Upper
204 100
206 33.2 25.6 38.4
141 63.6 47.7 71.5

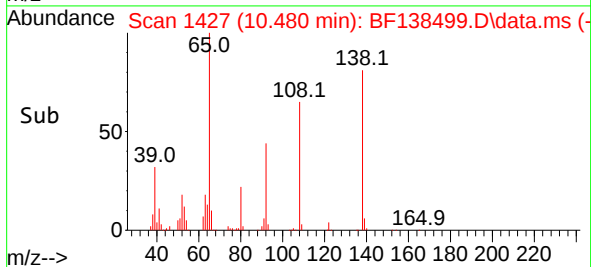
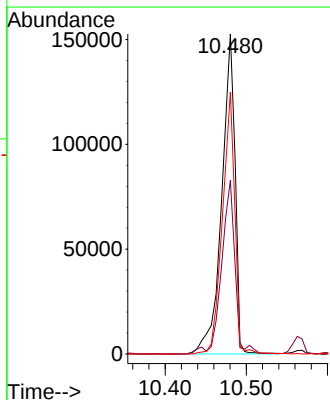
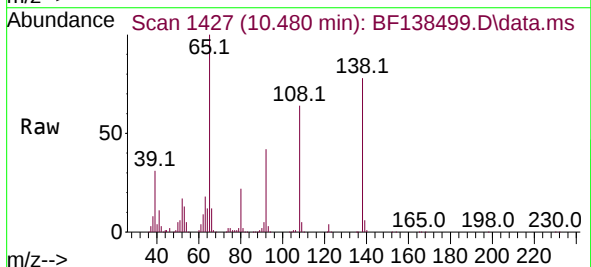
Manual Integrations
APPROVED

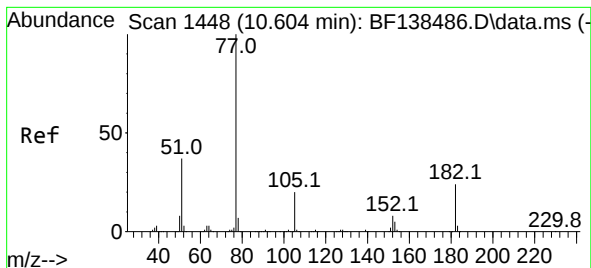
Reviewed By :Yogesh Patel 07/11/2024
Supervised By :mohammad ahmed 07/11/2024



#62
4-Nitroaniline
Concen: 49.099 ng
RT: 10.480 min Scan# 1427
Delta R.T. 0.006 min
Lab File: BF138499.D
Acq: 10 Jul 2024 13:58

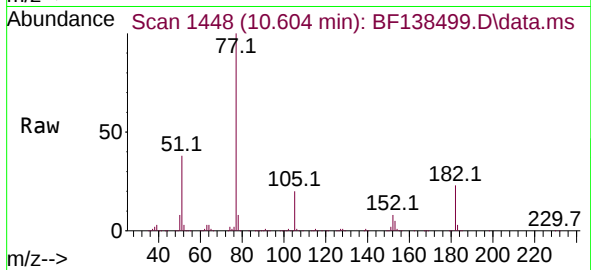
Tgt Ion:138 Resp: 174579
Ion Ratio Lower Upper
138 100
92 54.2 35.8 75.8
108 81.8 59.8 99.8





#63
Azobenzene
Concen: 48.508 ng
RT: 10.604 min Scan# 1448
Delta R.T. 0.000 min
Lab File: BF138499.D
Acq: 10 Jul 2024 13:58

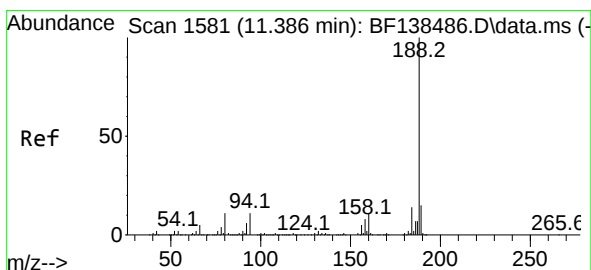
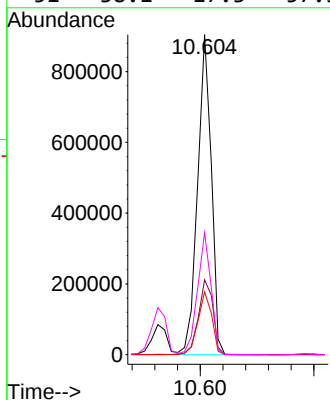
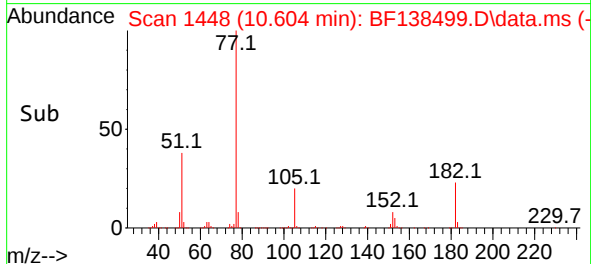
Instrument :
BNA_F
ClientSampleId :
PB161976BSD



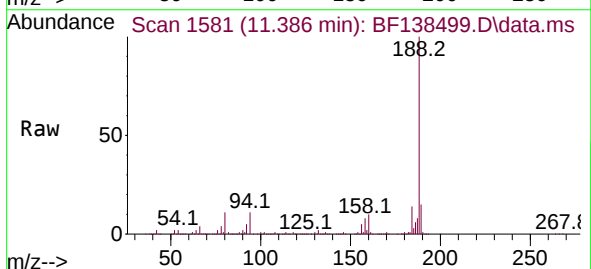
Tgt Ion: 77 Resp: 755970
Ion Ratio Lower Upper
77 100
182 23.4 3.8 43.8
105 19.6 0.0 39.8
51 38.1 17.3 57.3

Manual Integrations
APPROVED

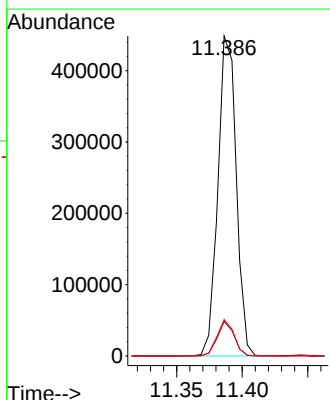
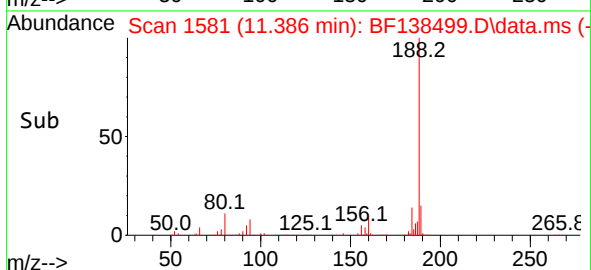
Reviewed By :Yogesh Patel 07/11/2024
Supervised By :mohammad ahmed 07/11/2024

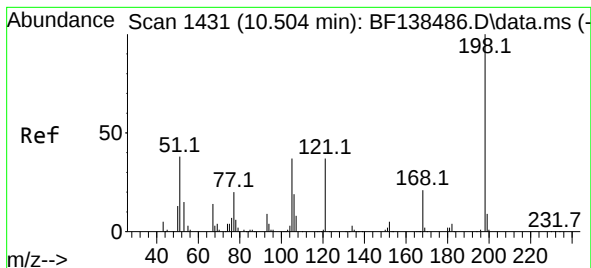


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 1581
Delta R.T. 0.000 min
Lab File: BF138499.D
Acq: 10 Jul 2024 13:58



Tgt Ion:188 Resp: 435588
Ion Ratio Lower Upper
188 100
94 10.7 8.7 13.1
80 11.4 9.0 13.4





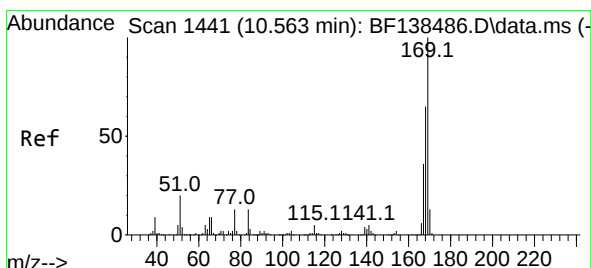
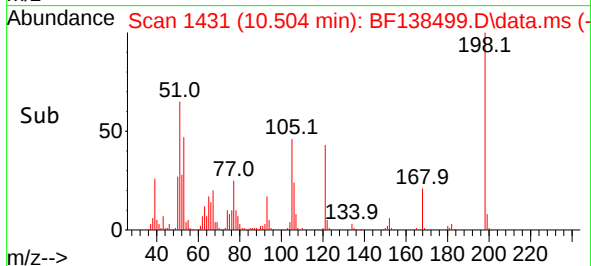
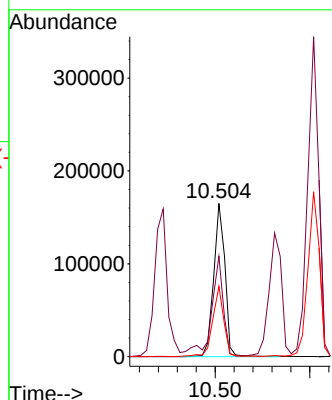
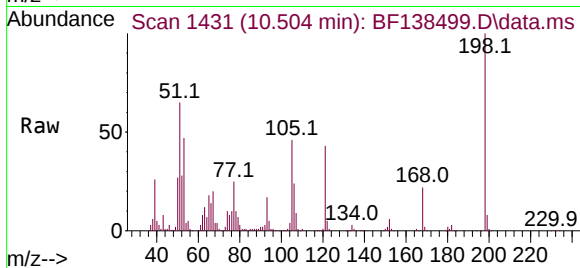
#65
4,6-Dinitro-2-methylphenol
Concen: 54.215 ng
RT: 10.504 min Scan# 1431
Delta R.T. 0.000 min
Lab File: BF138499.D
Acq: 10 Jul 2024 13:58

Instrument :
BNA_F
ClientSampleId :
PB161976BSD

Tgt Ion:198 Resp: 136358
Ion Ratio Lower Upper
198 100
51 65.5 27.2 67.2
105 45.9 18.5 58.5

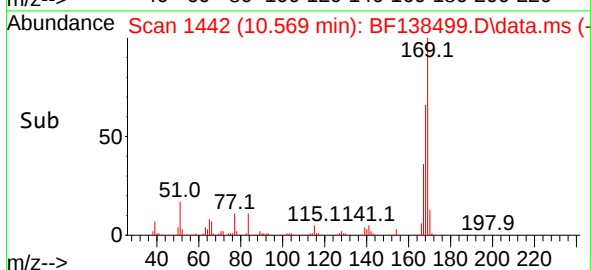
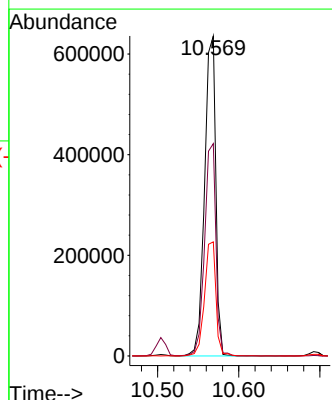
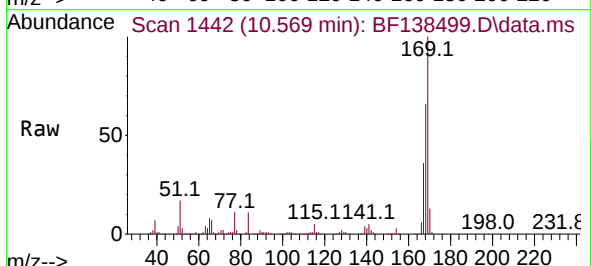
Manual Integrations
APPROVED

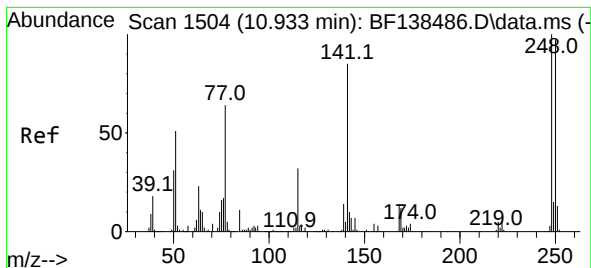
Reviewed By :Yogesh Patel 07/11/2024
Supervised By :mohammad ahmed 07/11/2024



#66
n-Nitrosodiphenylamine
Concen: 46.461 ng
RT: 10.569 min Scan# 1442
Delta R.T. 0.006 min
Lab File: BF138499.D
Acq: 10 Jul 2024 13:58

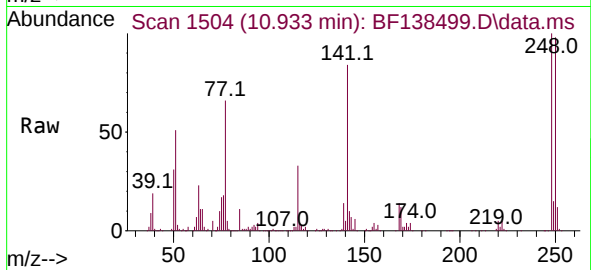
Tgt Ion:169 Resp: 606339
Ion Ratio Lower Upper
169 100
168 66.3 51.7 77.5
167 35.7 28.5 42.7





#67
4-Bromophenyl-phenylether
Concen: 46.240 ng
RT: 10.933 min Scan# 1504
Delta R.T. 0.000 min
Lab File: BF138499.D
Acq: 10 Jul 2024 13:58

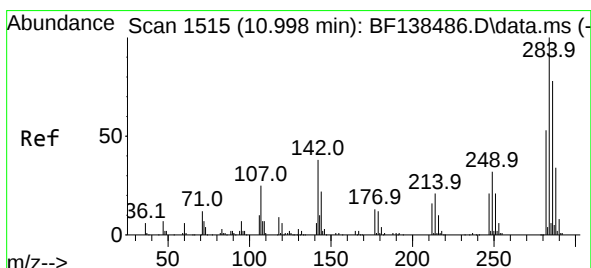
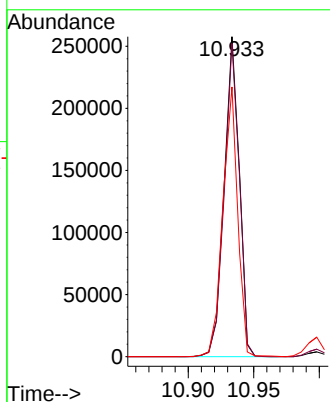
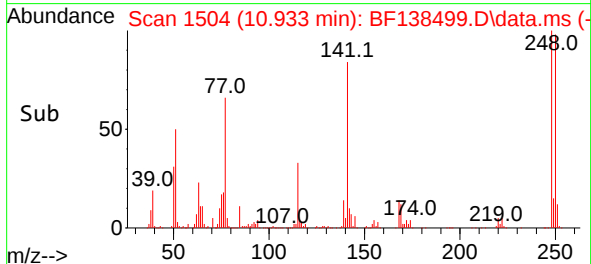
Instrument :
BNA_F
ClientSampleId :
PB161976BSD



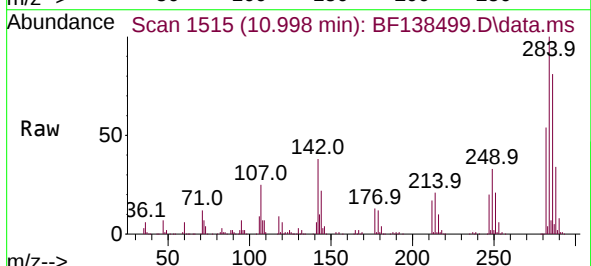
Tgt Ion:248 Resp: 207019
Ion Ratio Lower Upper
248 100
250 97.9 77.9 116.9
141 84.3 67.7 101.5

Manual Integrations
APPROVED

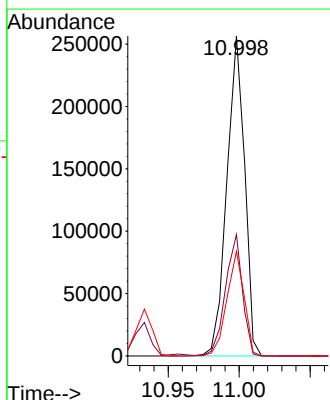
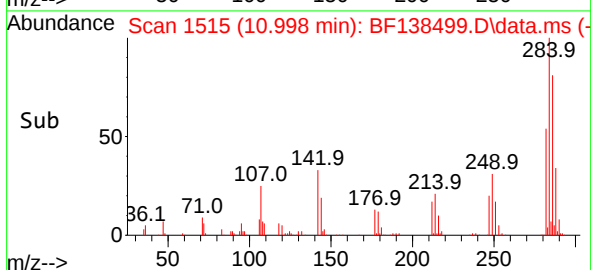
Reviewed By :Yogesh Patel 07/11/2024
Supervised By :mohammad ahmed 07/11/2024

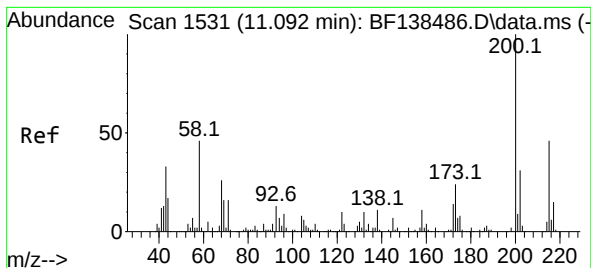


#68
Hexachlorobenzene
Concen: 44.858 ng
RT: 10.998 min Scan# 1515
Delta R.T. 0.000 min
Lab File: BF138499.D
Acq: 10 Jul 2024 13:58



Tgt Ion:284 Resp: 223107
Ion Ratio Lower Upper
284 100
142 38.0 30.5 45.7
249 32.7 25.9 38.9





#69

Atrazine

Concen: 49.036 ng

RT: 11.092 min Scan# 1531

Delta R.T. 0.000 min

Lab File: BF138499.D

Acq: 10 Jul 2024 13:58

Instrument :

BNA_F

ClientSampleId :

PB161976BSD

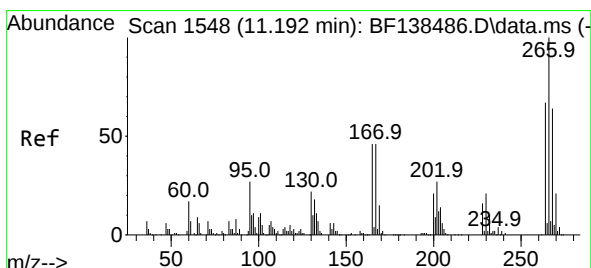
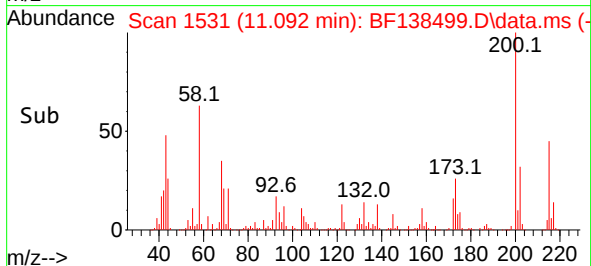
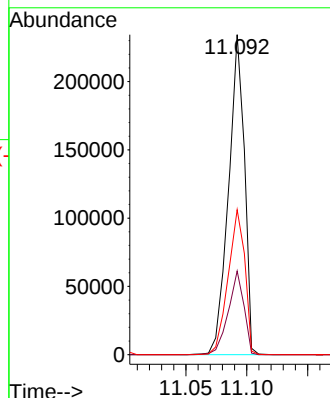
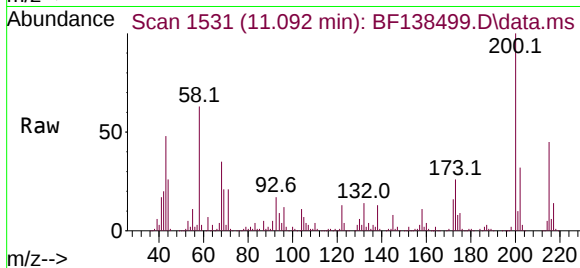
Tgt Ion:200 Resp: 21217
 Ion Ratio Lower Upper
 200 100
 173 26.1 4.1 44.1
 215 45.3 26.5 66.5

Manual Integrations

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Reviewed By :Yogesh Patel 07/11/2024

Supervised By :mohammad ahmed 07/11/2024



#70

Pentachlorophenol

Concen: 88.013 ng

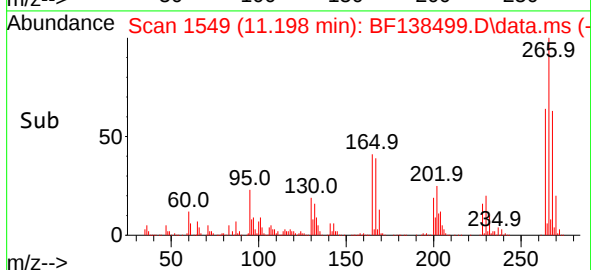
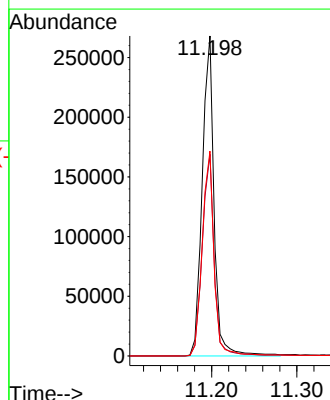
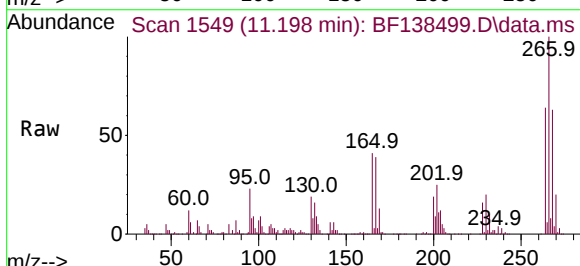
RT: 11.198 min Scan# 1549

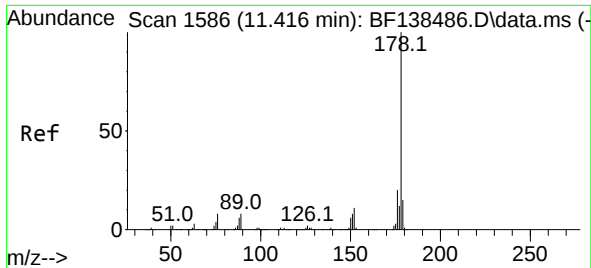
Delta R.T. 0.006 min

Lab File: BF138499.D

Acq: 10 Jul 2024 13:58

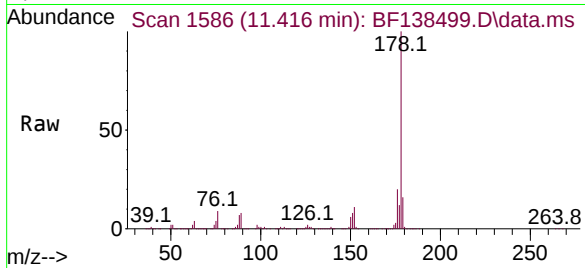
Tgt Ion:266 Resp: 259025
 Ion Ratio Lower Upper
 266 100
 268 63.0 50.9 76.3
 264 64.0 53.5 80.3





#71
Phenanthrene
Concen: 47.045 ng
RT: 11.416 min Scan# 1586
Delta R.T. 0.000 min
Lab File: BF138499.D
Acq: 10 Jul 2024 13:58

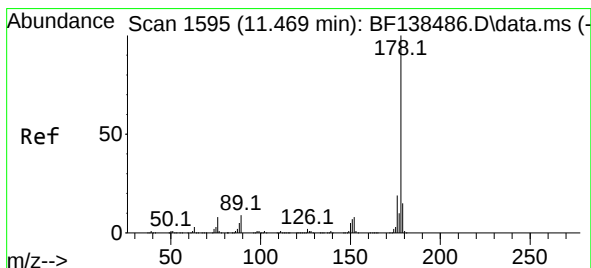
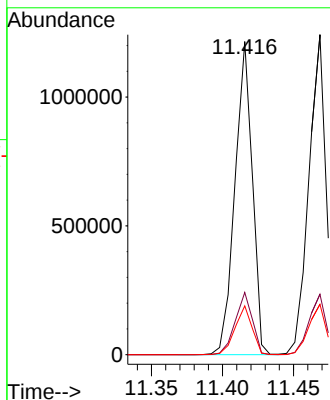
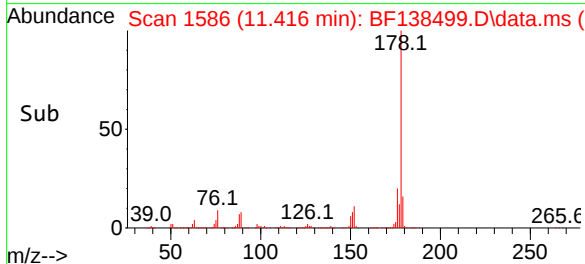
Instrument :
BNA_F
ClientSampleId :
PB161976BSD



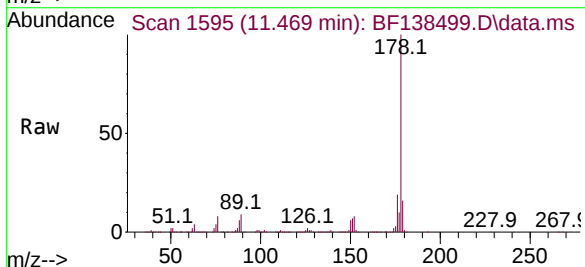
Tgt Ion:178 Resp: 103528
Ion Ratio Lower Upper
178 100
176 19.9 15.7 23.5
179 15.6 12.2 18.2

Manual Integrations
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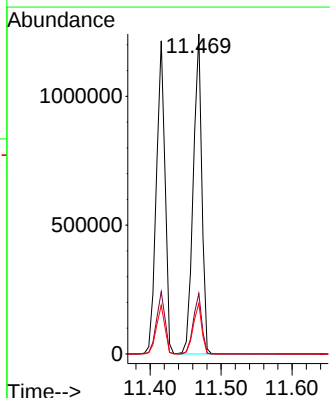
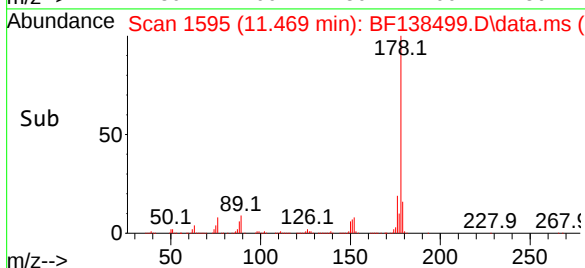
Reviewed By :Yogesh Patel 07/11/2024
Supervised By :mohammad ahmed 07/11/2024

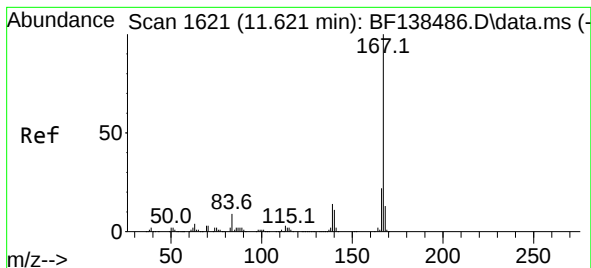


#72
Anthracene
Concen: 47.846 ng
RT: 11.469 min Scan# 1595
Delta R.T. 0.000 min
Lab File: BF138499.D
Acq: 10 Jul 2024 13:58



Tgt Ion:178 Resp: 1045179
Ion Ratio Lower Upper
178 100
176 18.9 14.8 22.2
179 15.8 12.2 18.4





#73

Carbazole

Concen: 46.330 ng

RT: 11.621 min Scan# 1621

Delta R.T. 0.000 min

Lab File: BF138499.D

Acq: 10 Jul 2024 13:58

Instrument :

BNA_F

ClientSampleId :

PB161976BSD

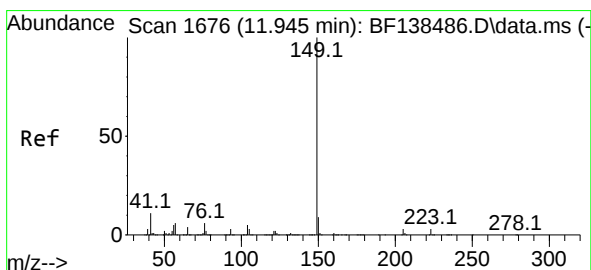
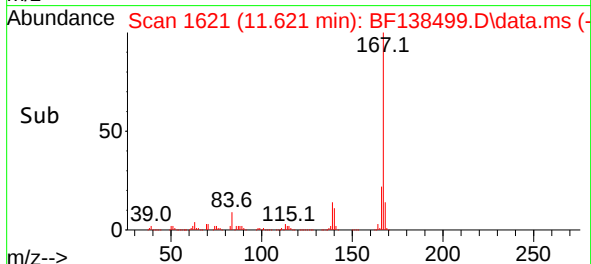
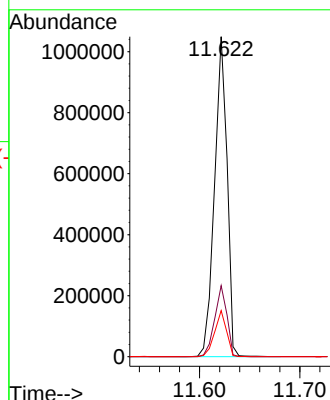
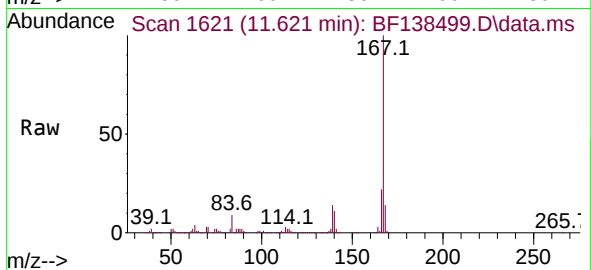
Tgt Ion:167	Resp: 909514
Ion Ratio	Lower Upper
167 100	
166 22.2	17.8 26.6
139 14.4	11.0 16.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/11/2024

Supervised By :mohammad ahmed 07/11/2024



#74

Di-n-butylphthalate

Concen: 48.748 ng

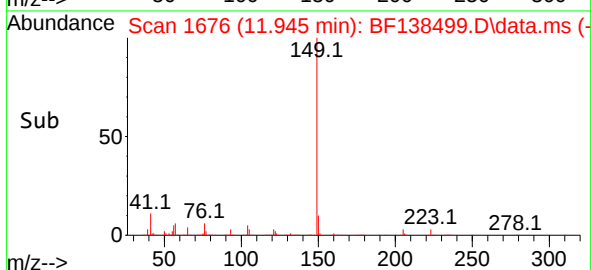
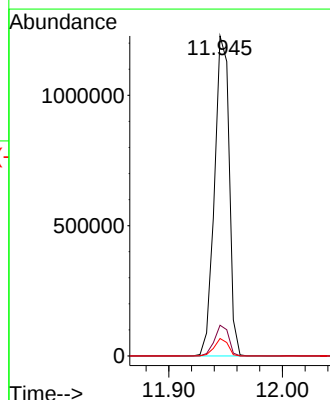
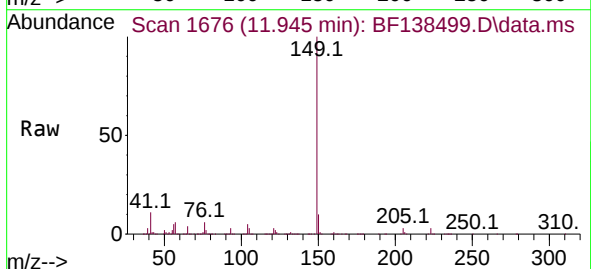
RT: 11.945 min Scan# 1676

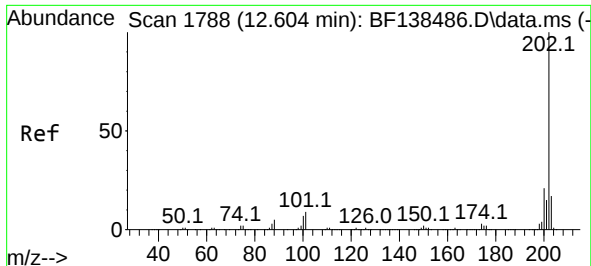
Delta R.T. 0.000 min

Lab File: BF138499.D

Acq: 10 Jul 2024 13:58

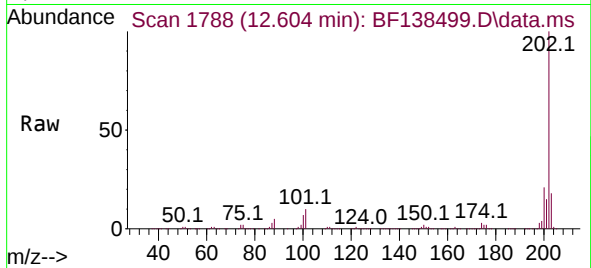
Tgt Ion:149	Resp: 1103097		
Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.4	11.0
104	5.4	4.4	6.6





#75
Fluoranthene
Concen: 46.561 ng
RT: 12.604 min Scan# 1788
Delta R.T. 0.000 min
Lab File: BF138499.D
Acq: 10 Jul 2024 13:58

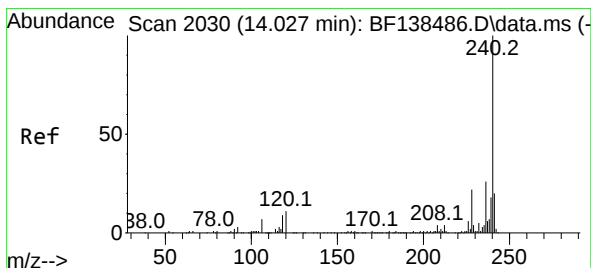
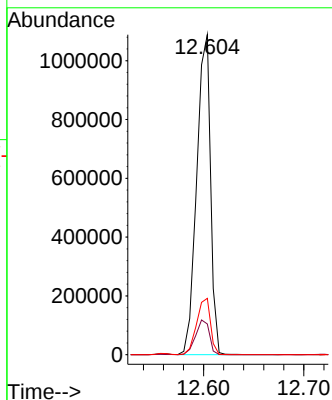
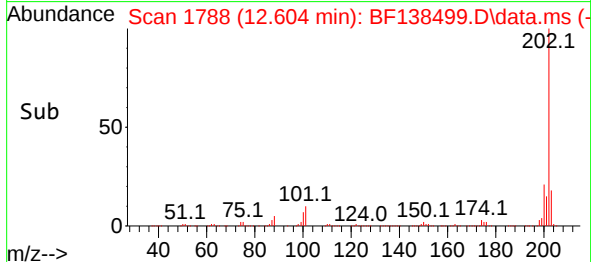
Instrument :
BNA_F
ClientSampleId :
PB161976BSD



Tgt Ion:202 Resp: 104552
Ion Ratio Lower Upper
202 100
101 9.6 0.0 29.2
203 17.6 0.0 37.3

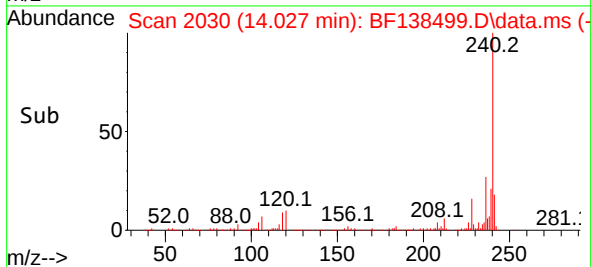
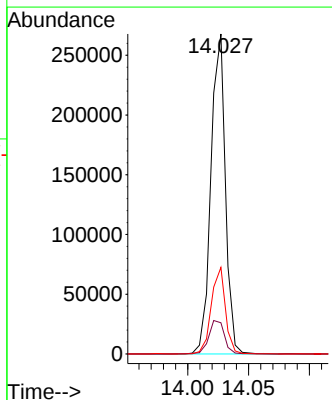
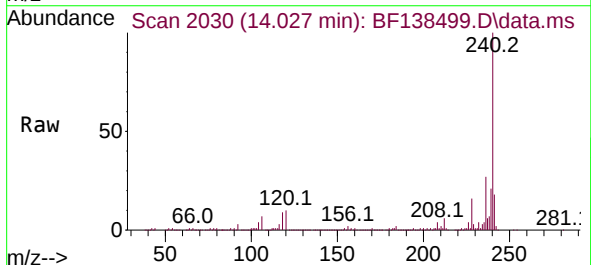
Manual Integrations
APPROVED

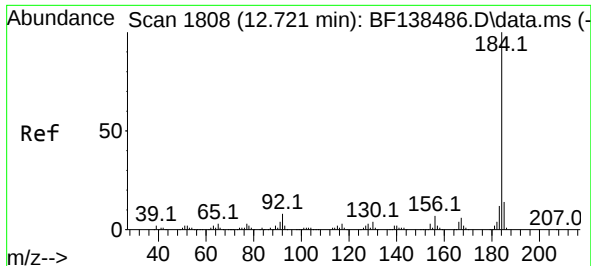
Reviewed By :Yogesh Patel 07/11/2024
Supervised By :mohammad ahmed 07/11/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2030
Delta R.T. 0.000 min
Lab File: BF138499.D
Acq: 10 Jul 2024 13:58

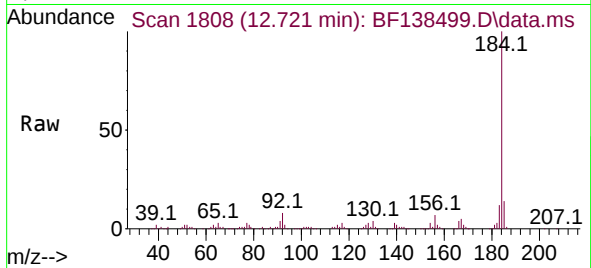
Tgt Ion:240 Resp: 221800
Ion Ratio Lower Upper
240 100
120 9.7 8.6 12.8
236 27.1 21.0 31.6





#77
Benzidine
Concen: 29.517 ng
RT: 12.721 min Scan# 1808
Delta R.T. 0.000 min
Lab File: BF138499.D
Acq: 10 Jul 2024 13:58

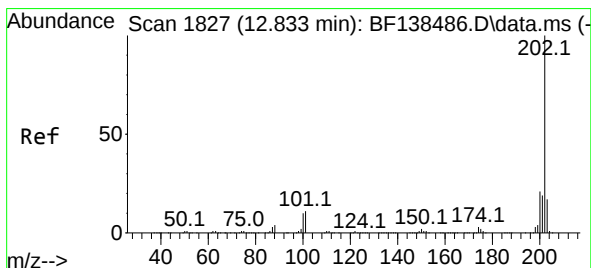
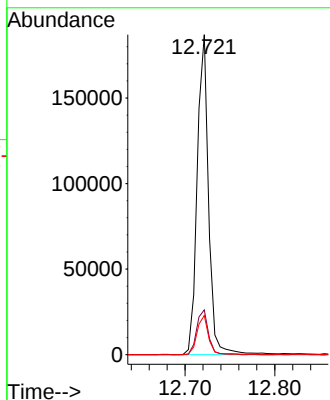
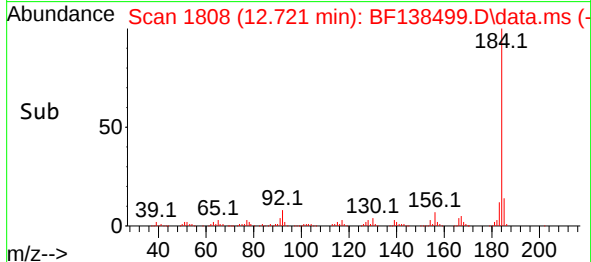
Instrument :
BNA_F
ClientSampleId :
PB161976BSD



Tgt Ion:184 Resp: 165179
Ion Ratio Lower Upper
184 100
185 14.0 11.3 16.9
183 12.3 9.5 14.3

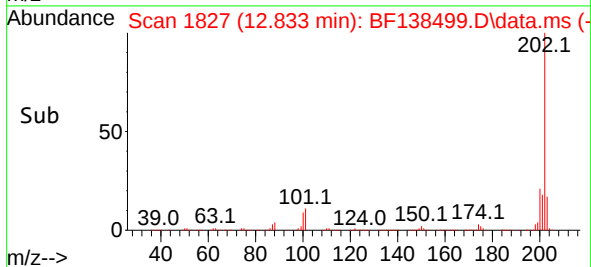
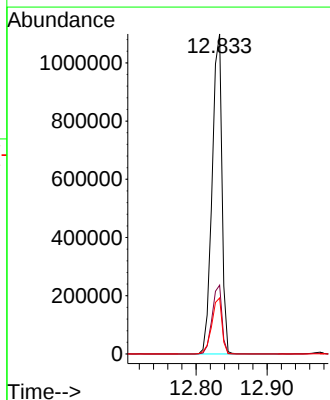
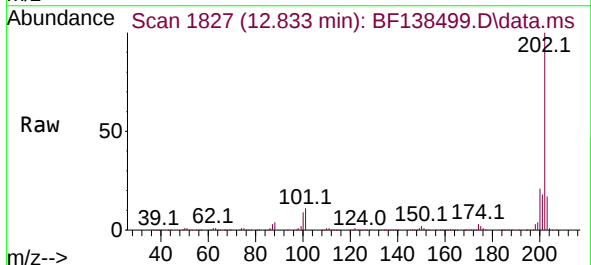
Manual Integrations
APPROVED

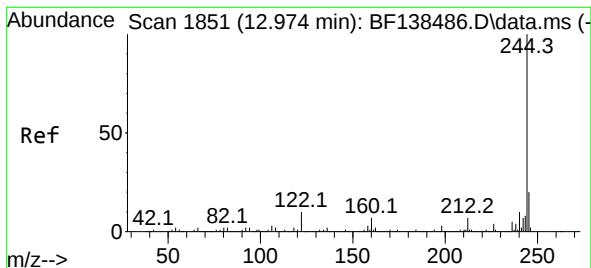
Reviewed By :Yogesh Patel 07/11/2024
Supervised By :mohammad ahmed 07/11/2024



#78
Pyrene
Concen: 46.921 ng
RT: 12.833 min Scan# 1827
Delta R.T. 0.000 min
Lab File: BF138499.D
Acq: 10 Jul 2024 13:58

Tgt Ion:202 Resp: 1056450
Ion Ratio Lower Upper
202 100
200 21.5 17.0 25.6
203 17.5 13.7 20.5





#79

Terphenyl-d14

Concen: 103.793 ng

RT: 12.974 min Scan# 1851

Delta R.T. 0.000 min

Lab File: BF138499.D

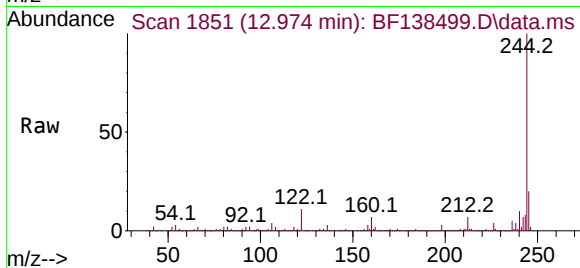
Acq: 10 Jul 2024 13:58

Instrument :

BNA_F

ClientSampleId :

PB161976BSD



Tgt Ion:244 Resp: 1413110

Ion Ratio Lower Upper

244 100

212 7.1 5.5 8.3

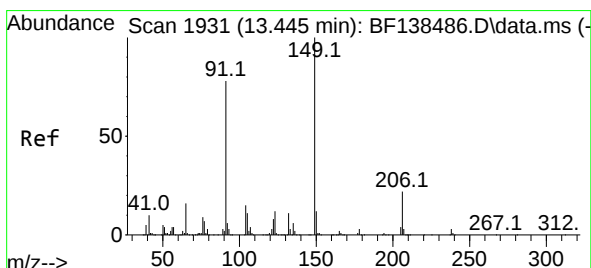
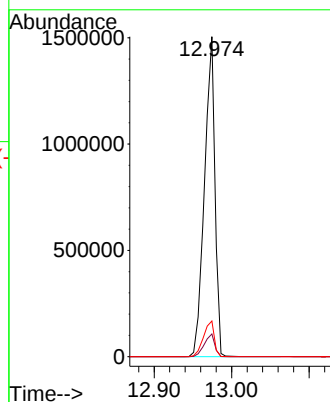
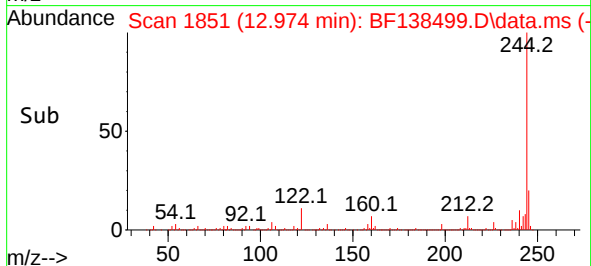
122 11.1 7.8 11.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/11/2024

Supervised By :mohammad ahmed 07/11/2024



#80

Butylbenzylphthalate

Concen: 54.809 ng

RT: 13.445 min Scan# 1931

Delta R.T. 0.000 min

Lab File: BF138499.D

Acq: 10 Jul 2024 13:58

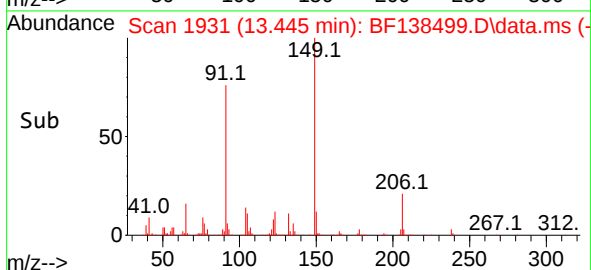
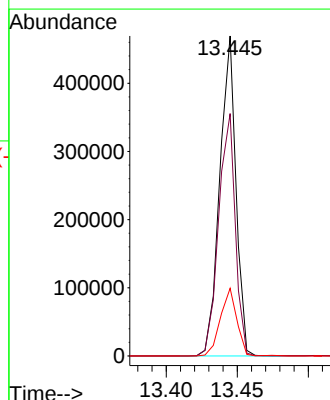
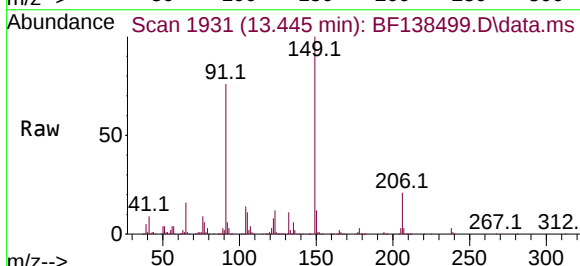
Tgt Ion:149 Resp: 371231

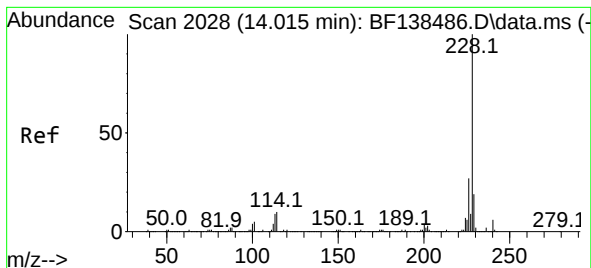
Ion Ratio Lower Upper

149 100

91 75.8 62.1 93.1

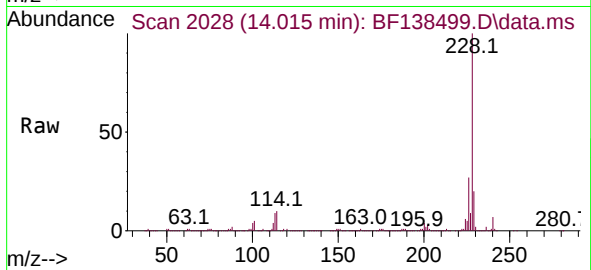
206 21.1 18.0 27.0





#81
Benzo(a)anthracene
Concen: 47.656 ng
RT: 14.015 min Scan# 2028
Delta R.T. 0.000 min
Lab File: BF138499.D
Acq: 10 Jul 2024 13:58

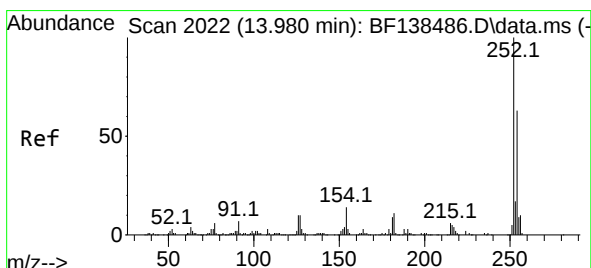
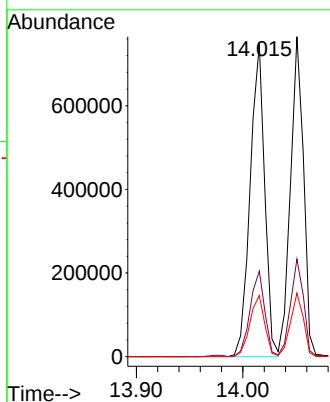
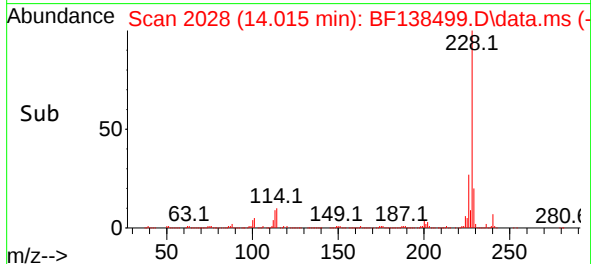
Instrument :
BNA_F
ClientSampleId :
PB161976BSD



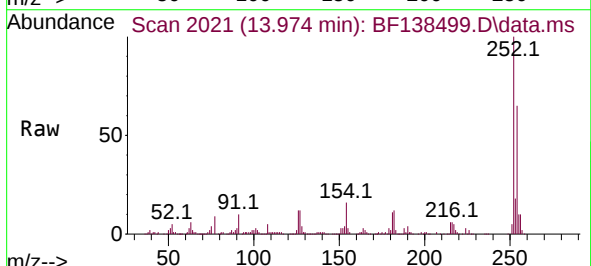
Tgt Ion:228 Resp: 70926
Ion Ratio Lower Upper
228 100
226 27.4 21.9 32.9
229 19.5 15.5 23.3

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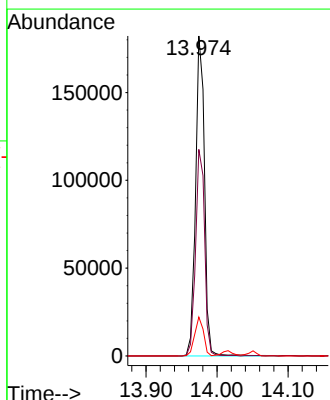
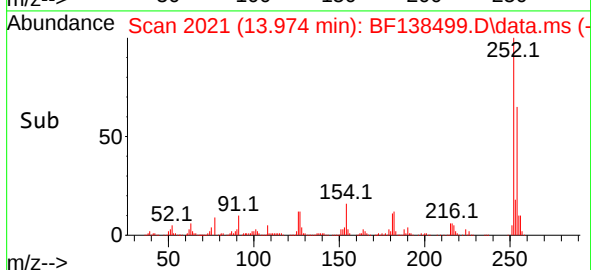
Reviewed By :Yogesh Patel 07/11/2024
Supervised By :mohammad ahmed 07/11/2024

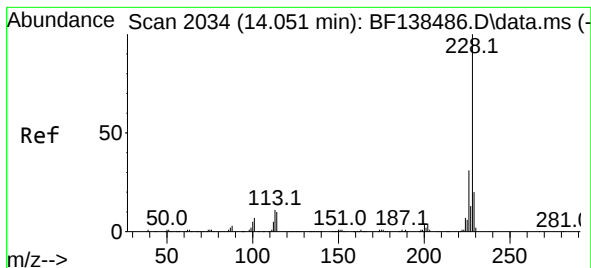


#82
3,3'-Dichlorobenzidine
Concen: 41.407 ng
RT: 13.974 min Scan# 2021
Delta R.T. -0.006 min
Lab File: BF138499.D
Acq: 10 Jul 2024 13:58



Tgt Ion:252 Resp: 158793
Ion Ratio Lower Upper
252 100
254 64.6 50.3 75.5
126 12.2 8.1 12.1#





#83

Chrysene

Concen: 46.427 ng

RT: 14.051 min Scan# 2034

Delta R.T. 0.000 min

Lab File: BF138499.D

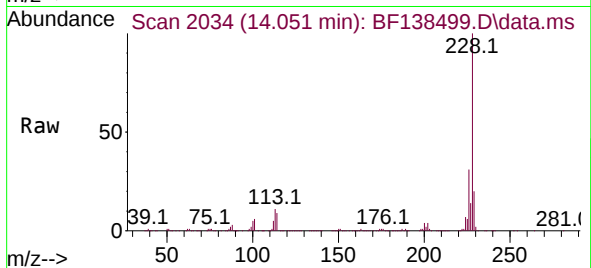
Acq: 10 Jul 2024 13:58

Instrument :

BNA_F

ClientSampleId :

PB161976BSD



Tgt Ion:228 Resp: 653650

Ion Ratio Lower Upper

228 100

226 30.5 24.4 36.6

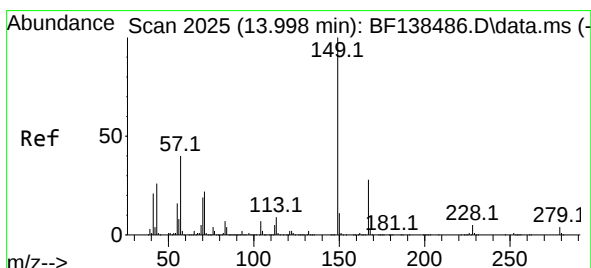
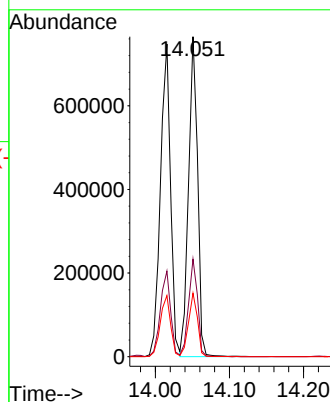
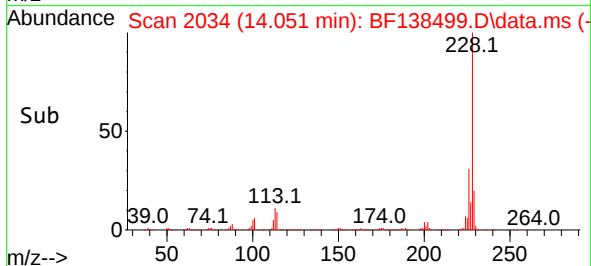
229 19.9 16.0 24.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/11/2024

Supervised By :mohammad ahmed 07/11/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 56.403 ng

RT: 13.998 min Scan# 2025

Delta R.T. 0.000 min

Lab File: BF138499.D

Acq: 10 Jul 2024 13:58

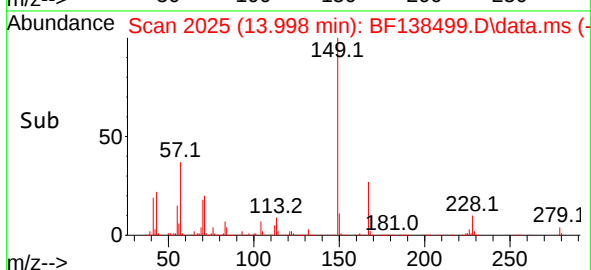
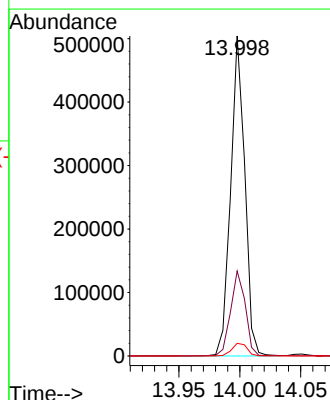
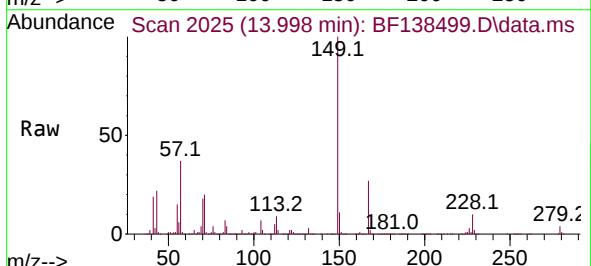
Tgt Ion:149 Resp: 407434

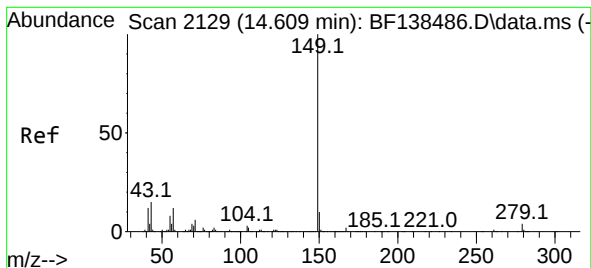
Ion Ratio Lower Upper

149 100

167 26.6 22.5 33.7

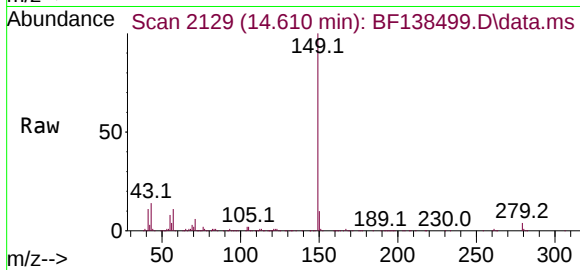
279 4.0 3.0 4.6





#85
Di-n-octyl phthalate
Concen: 48.110 ng
RT: 14.610 min Scan# 2129
Delta R.T. 0.001 min
Lab File: BF138499.D
Acq: 10 Jul 2024 13:58

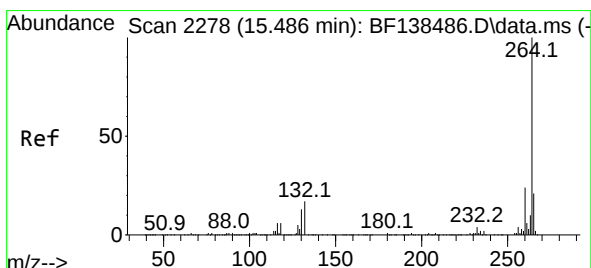
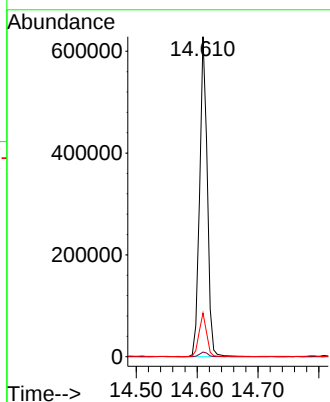
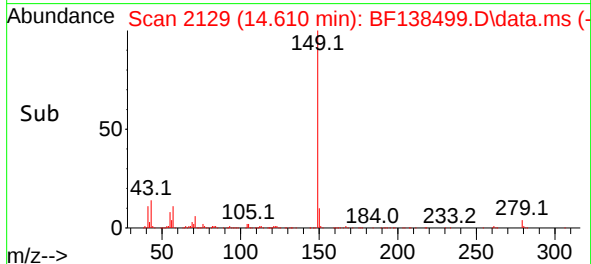
Instrument :
BNA_F
ClientSampleId :
PB161976BSD



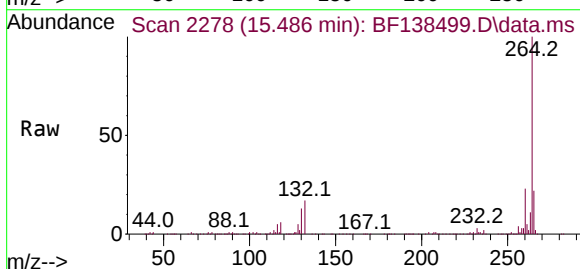
Tgt Ion:149 Resp: 549009
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 13.4 10.7 16.1

Manual Integrations
APPROVED

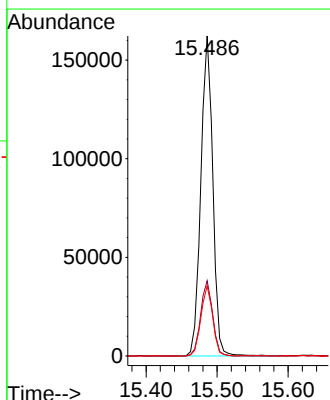
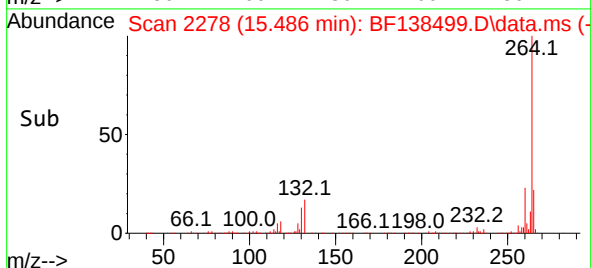
Reviewed By :Yogesh Patel 07/11/2024
Supervised By :mohammad ahmed 07/11/2024

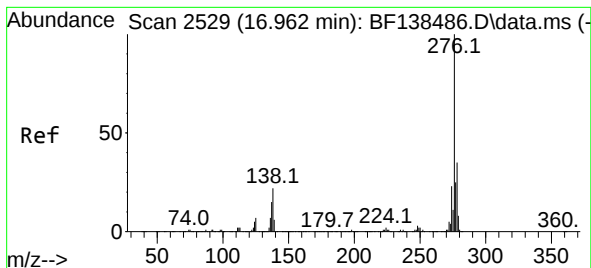


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.486 min Scan# 2278
Delta R.T. 0.000 min
Lab File: BF138499.D
Acq: 10 Jul 2024 13:58



Tgt Ion:264 Resp: 190346
Ion Ratio Lower Upper
264 100
260 23.5 19.0 28.6
265 21.9 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 52.736 ng

RT: 16.962 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF138499.D

Acq: 10 Jul 2024 13:58

Instrument :

BNA_F

ClientSampleId :

PB161976BSD

Tgt Ion:276 Resp: 67425

Ion Ratio Lower Upper

276 100

138 24.8 19.6 29.4

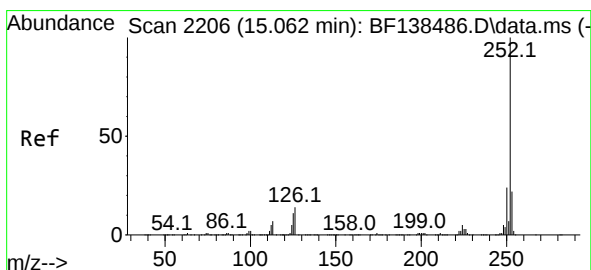
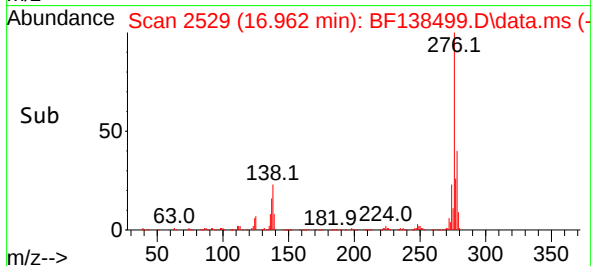
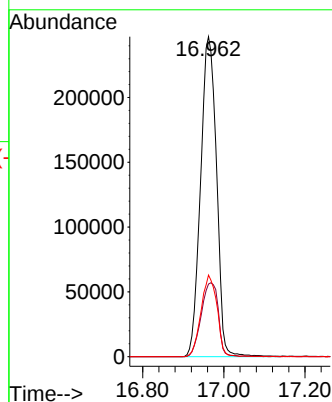
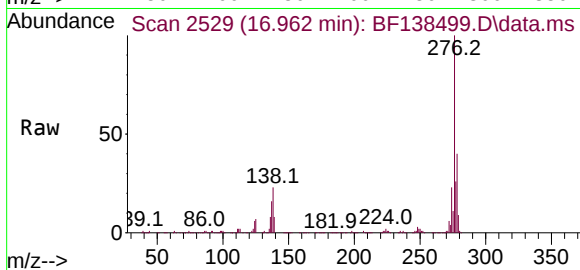
277 25.5 20.5 30.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/11/2024

Supervised By :mohammad ahmed 07/11/2024



#88

Benzo(b)fluoranthene

Concen: 50.184 ng

RT: 15.062 min Scan# 2206

Delta R.T. 0.000 min

Lab File: BF138499.D

Acq: 10 Jul 2024 13:58

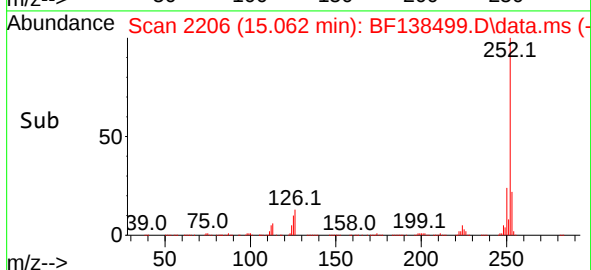
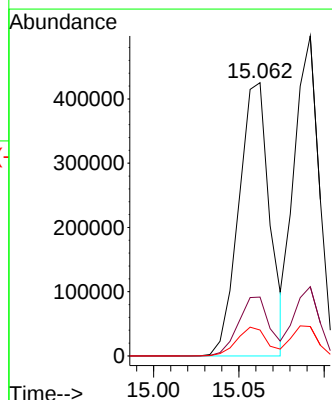
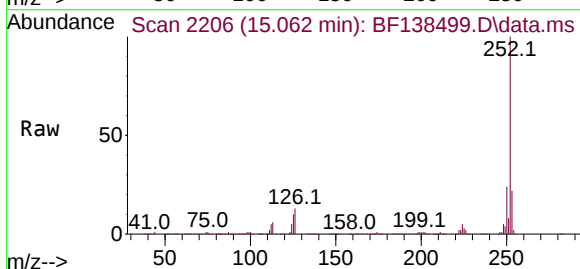
Tgt Ion:252 Resp: 537956

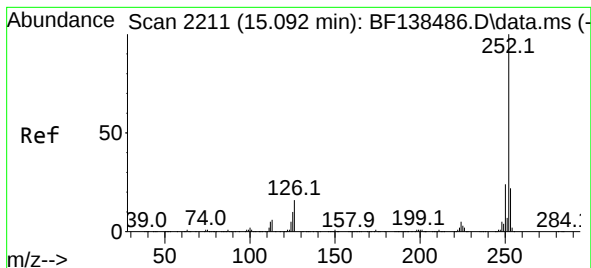
Ion Ratio Lower Upper

252 100

253 21.5 17.3 25.9

125 9.5 8.6 13.0





#89

Benzo(k)fluoranthene

Concen: 48.855 ng

RT: 15.092 min Scan# 2111

Delta R.T. 0.000 min

Lab File: BF138499.D

Acq: 10 Jul 2024 13:58

Instrument :

BNA_F

ClientSampleId :

PB161976BSD

Tgt Ion:252 Resp: 510769

Ion Ratio Lower Upper

252 100

253 21.6 17.7 26.5

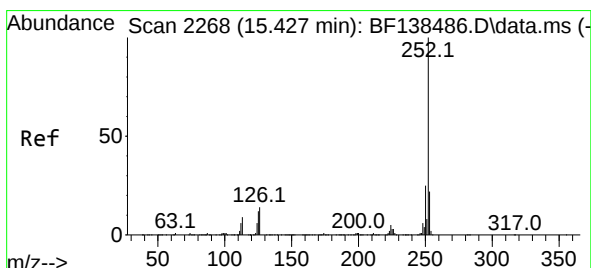
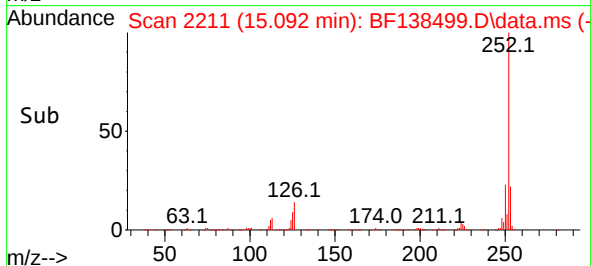
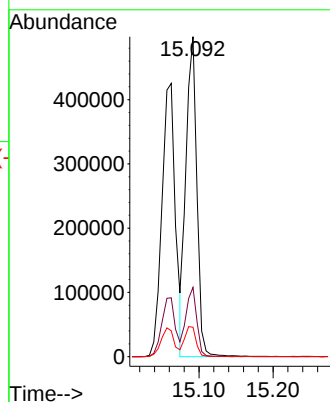
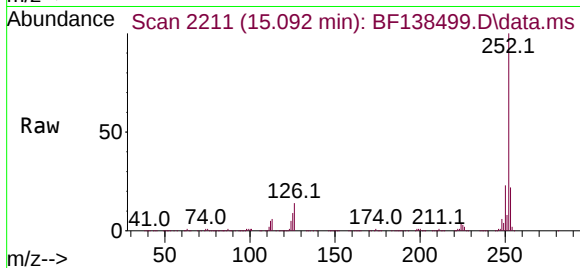
125 9.2 8.1 12.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/11/2024

Supervised By :mohammad ahmed 07/11/2024



#90

Benzo(a)pyrene

Concen: 49.816 ng

RT: 15.427 min Scan# 2268

Delta R.T. 0.000 min

Lab File: BF138499.D

Acq: 10 Jul 2024 13:58

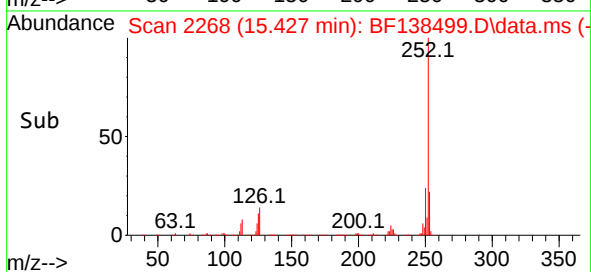
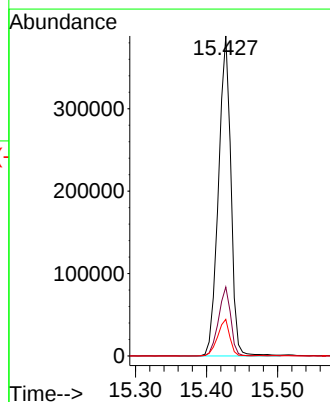
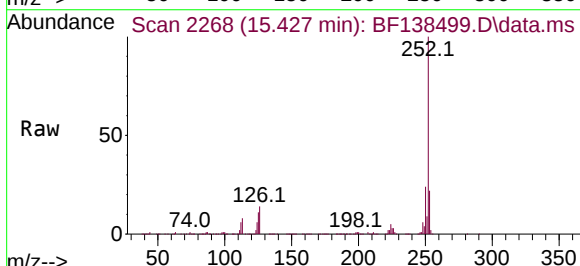
Tgt Ion:252 Resp: 469112

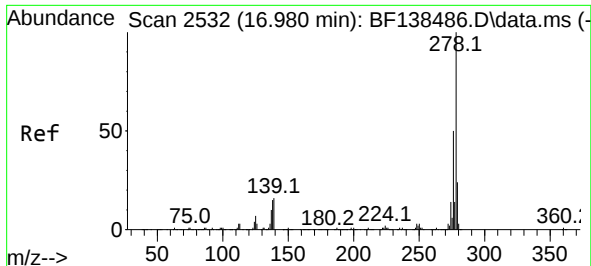
Ion Ratio Lower Upper

252 100

253 21.6 17.4 26.0

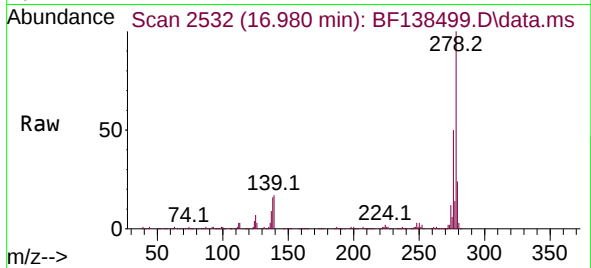
125 11.4 9.4 14.2





#91
Dibenzo(a,h)anthracene
Concen: 53.777 ng
RT: 16.980 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF138499.D
Acq: 10 Jul 2024 13:58

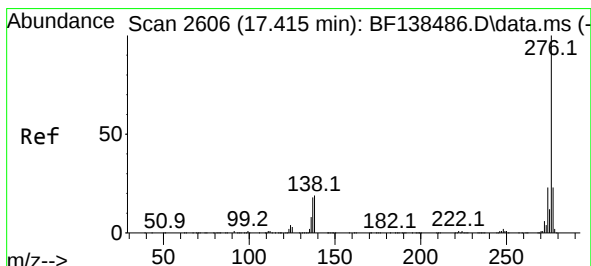
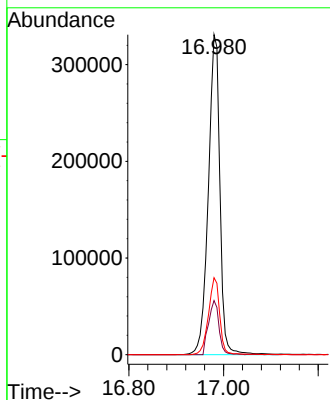
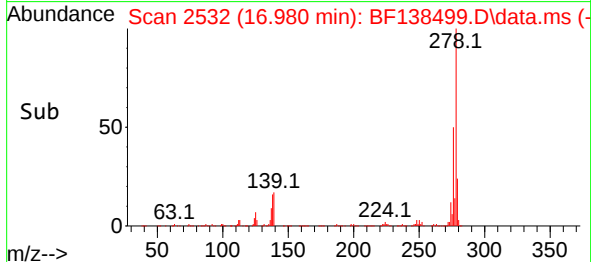
Instrument :
BNA_F
ClientSampleId :
PB161976BSD



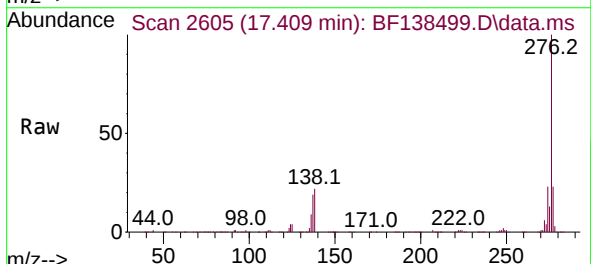
Tgt Ion:278 Resp: 562434
Ion Ratio Lower Upper
278 100
139 16.9 12.8 19.2
279 24.1 19.1 28.7

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/11/2024
Supervised By :mohammad ahmed 07/11/2024



#92
Benzo(g,h,i)perylene
Concen: 51.186 ng
RT: 17.409 min Scan# 2605
Delta R.T. -0.006 min
Lab File: BF138499.D
Acq: 10 Jul 2024 13:58



Tgt Ion:276 Resp: 567672
Ion Ratio Lower Upper
276 100
277 23.4 18.0 27.0
138 21.7 15.5 23.3

