

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070324\
 Data File : BF138459.D
 Acq On : 03 Jul 2024 21:34
 Operator : CG\JU
 Sample : P3148-01MSD 10X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-02-070224MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/05/2024
 Supervised By :mohammad ahmed 07/05/2024

Quant Time: Jul 04 01:01:42 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 29 02:44:30 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	91646	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	298477	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	137322	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	258210	20.000	ng	0.00
76) Chrysene-d12	14.033	240	135590	20.000	ng	# 0.00
86) Perylene-d12	15.504	264	124783	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	82833	14.985	ng	0.00
7) Phenol-d6	6.504	99	101269	13.600	ng	-0.01
23) Nitrobenzene-d5	7.428	82	58512	10.184	ng	-0.02
42) 2,4,6-Tribromophenol	10.692	330	17513	15.610	ng	-0.01
45) 2-Fluorobiphenyl	9.228	172	84801	9.828	ng	0.00
79) Terphenyl-d14	12.974	244	94481	9.549	ng	0.00
Target Compounds						
2) 1,4-Dioxane	2.640	88	12259	4.708	ng	# 91
3) Pyridine	3.410	79	31709	5.105	ng	96
4) n-Nitrosodimethylamine	3.340	42	23555	6.078	ng	# 89
6) Aniline	6.534	93	22810	3.139	ng	99
8) 2-Chlorophenol	6.657	128	34797	5.864	ng	97
9) Benzaldehyde	6.422	77	5788	1.259	ng	95
10) Phenol	6.516	94	44556	5.616	ng	93
11) bis(2-Chloroethyl)ether	6.604	93	35588	5.712	ng	99
12) 1,3-Dichlorobenzene	6.810	146	37399	5.503	ng	96
13) 1,4-Dichlorobenzene	6.893	146	37867	5.557	ng	96
14) 1,2-Dichlorobenzene	7.040	146	36678	5.831	ng	97
15) Benzyl Alcohol	7.010	79	29651	5.559	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.140	45	70538	5.613	ng	99
17) 2-Methylphenol	7.122	107	25390	5.163	ng	96
18) Hexachloroethane	7.381	117	8592	3.496	ng	94
19) n-Nitroso-di-n-propyla...	7.275	70	25626	5.459	ng	# 95
20) 3+4-Methylphenols	7.281	107	33278	5.824	ng	91
22) Acetophenone	7.275	105	44184	6.525	ng	# 93
24) Nitrobenzene	7.445	77	35145	6.014	ng	95
25) Isophorone	7.687	82	62252	5.876	ng	97
26) 2-Nitrophenol	7.769	139	11996	4.759	ng	# 95
27) 2,4-Dimethylphenol	7.804	122	19830	6.147	ng	97
28) bis(2-Chloroethoxy)met...	7.898	93	38175	5.986	ng	97
29) 2,4-Dichlorophenol	8.016	162	21170	5.109	ng	94
30) 1,2,4-Trichlorobenzene	8.092	180	25938	5.384	ng	98
31) Naphthalene	8.175	128	90937	6.027	ng	99
32) Benzoic acid	7.875	122	9212m	6.956	ng	
33) 4-Chloroaniline	8.222	127	17813	3.380	ng	97
34) Hexachlorobutadiene	8.292	225	16426	5.679	ng	98
35) Caprolactam	8.551	113	6142	4.694	ng	# 87
36) 4-Chloro-3-methylphenol	8.704	107	21366	4.841	ng	99
37) 2-Methylnaphthalene	8.863	142	52988	5.434	ng	98
38) 1-Methylnaphthalene	8.963	142	48978	5.179	ng	100
40) 1,2,4,5-Tetrachloroben...	9.028	216	20591	5.421	ng	98
43) 2,4,6-Trichlorophenol	9.145	196	12639	5.229	ng	97
44) 2,4,5-Trichlorophenol	9.186	196	13965	5.313	ng	98

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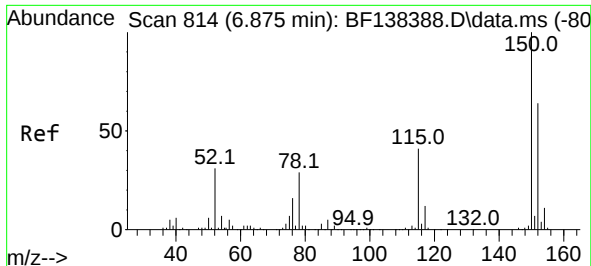
Quant Time: Jul 04 01:01:42 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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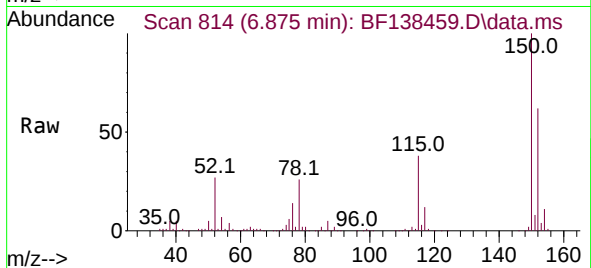
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.328	154	56929	5.552	ng	97
47) 2-Chloronaphthalene	9.351	162	44017	5.630	ng	99
48) 2-Nitroaniline	9.445	65	15541	6.163	ng	86
49) Acenaphthylene	9.769	152	78656	7.154	ng	99
50) Dimethylphthalate	9.622	163	52265	5.922	ng	99
51) 2,6-Dinitrotoluene	9.686	165	9494	4.803	ng	97
52) Acenaphthene	9.939	154	44364	5.893	ng	99
53) 3-Nitroaniline	9.857	138	9867	5.054	ng	# 95
55) Dibenzofuran	10.110	168	68531	6.607	ng	98
56) 4-Nitrophenol	10.028	139	15395	12.163	ng	92
57) 2,4-Dinitrotoluene	10.086	165	11779	4.840	ng	# 93
58) Fluorene	10.451	166	64122	7.780	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.233	232	11582	5.932	ng	# 92
60) Diethylphthalate	10.322	149	49233	5.967	ng	99
61) 4-Chlorophenyl-phenyle...	10.445	204	23560	5.634	ng	98
62) 4-Nitroaniline	10.463	138	13090m	7.305	ng	
63) Azobenzene	10.604	77	51000	5.853	ng	98
65) 4,6-Dinitro-2-methylph...	10.492	198	110m	5.870	ng	
66) n-Nitrosodiphenylamine	10.563	169	42298	5.277	ng	98
67) 4-Bromophenyl-phenylether	10.933	248	13421	4.836	ng	90
68) Hexachlorobenzene	10.998	284	14895	4.869	ng	92
69) Atrazine	11.086	200	14078	6.264	ng	94
70) Pentachlorophenol	11.198	266	14298	9.209	ng	91
71) Phenanthrene	11.416	178	193323	15.335	ng	99
72) Anthracene	11.469	178	107874	8.580	ng	99
73) Carbazole	11.622	167	79766	7.642	ng	99
74) Di-n-butylphthalate	11.951	149	84984	6.425	ng	99
75) Fluoranthene	12.604	202	259630	22.971	ng	99
77) Benzidine	12.727	184	12996	11.986	ng	# 93
78) Pyrene	12.833	202	248441	17.144	ng	99
80) Butylbenzylphthalate	13.451	149	33230	7.536	ng	96
81) Benzo(a)anthracene	14.021	228	109296	12.524	ng	98
82) 3,3'-Dichlorobenzidine	13.986	252	11444	4.441	ng	98
83) Chrysene	14.057	228	93376	10.996	ng	98
84) Bis(2-ethylhexyl)phtha...	14.010	149	44105	7.975	ng	# 96
85) Di-n-octyl phthalate	14.621	149	56695	5.857	ng	# 98
87) Indeno(1,2,3-cd)pyrene	16.974	276	66220	10.562	ng	94
88) Benzo(b)fluoranthene	15.074	252	85084	12.428	ng	# 95
89) Benzo(k)fluoranthene	15.098	252	55501m	8.801	ng	
90) Benzo(a)pyrene	15.439	252	74044	12.339	ng	96
91) Dibenzo(a,h)anthracene	16.992	278	37699	7.449	ng	# 87
92) Benzo(g,h,i)perylene	17.427	276	50224	10.144	ng	95

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.000 min
Lab File: BF138459.D
Acq: 03 Jul 2024 21:34

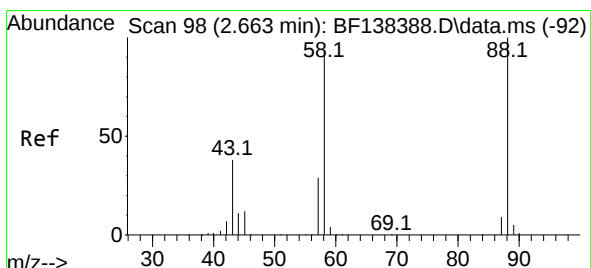
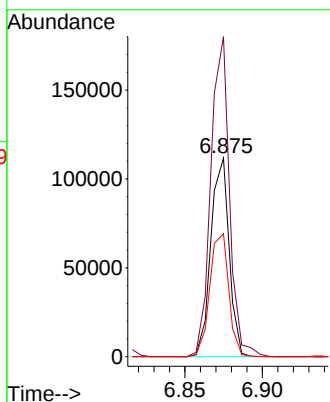
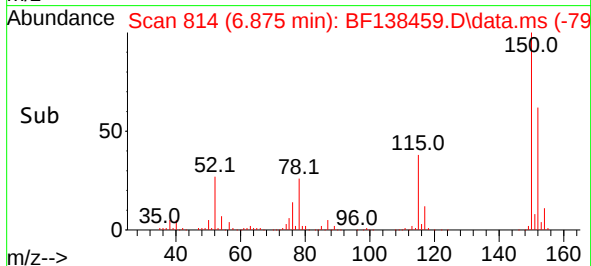
Instrument :
BNA_F
ClientSampleId :
EO-02-070224MSD



Tgt Ion:152 Resp: 91640
Ion Ratio Lower Upper
152 100
150 161.2 124.9 187.3
115 61.9 50.8 76.2

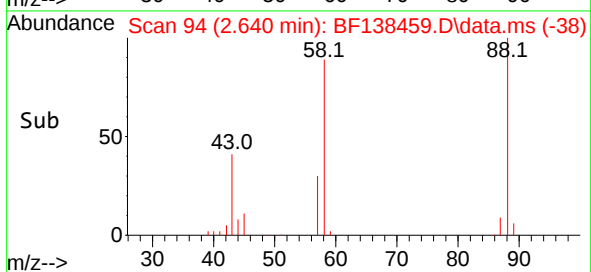
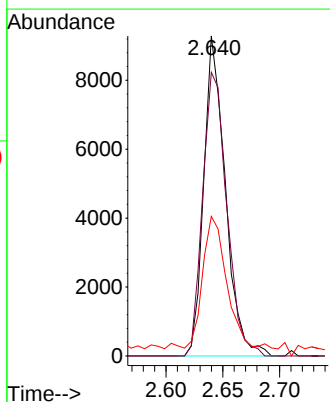
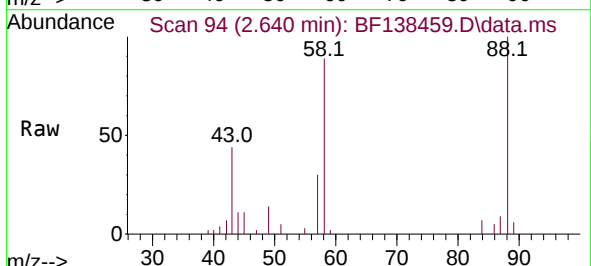
Manual Integrations
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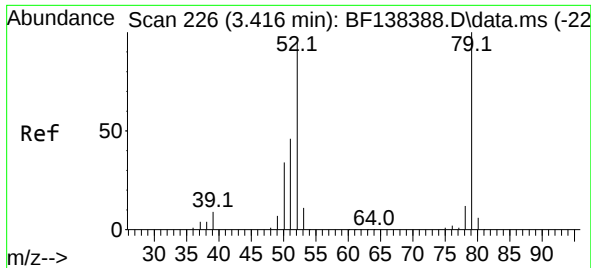
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#2
1,4-Dioxane
Concen: 4.708 ng
RT: 2.640 min Scan# 94
Delta R.T. -0.023 min
Lab File: BF138459.D
Acq: 03 Jul 2024 21:34

Tgt Ion: 88 Resp: 12259
Ion Ratio Lower Upper
88 100
58 99.1 73.7 110.5
43 46.2 30.1 45.1#





#3

Pyridine

Concen: 5.105 ng

RT: 3.410 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF138459.D

Acq: 03 Jul 2024 21:34

Instrument :

BNA_F

ClientSampleId :

EO-02-070224MSD

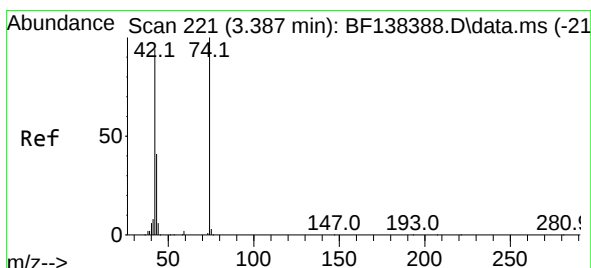
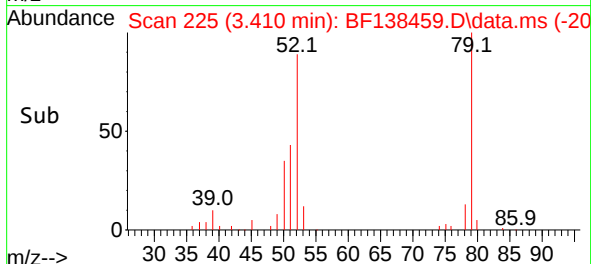
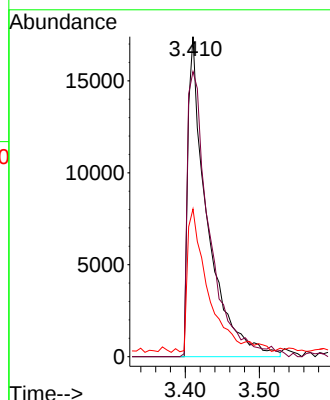
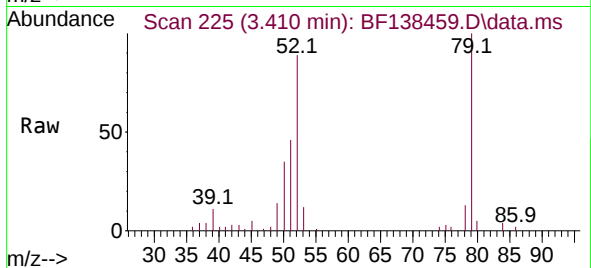
Tgt Ion: 79	Resp: 31709
Ion Ratio	Lower Upper
79	100
52	89.1 76.2 114.2
51	46.2 36.7 55.1

Manual Integrations

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Supervised By :mohammad ahmed 07/05/2024



#4

n-Nitrosodimethylamine

Concen: 6.078 ng

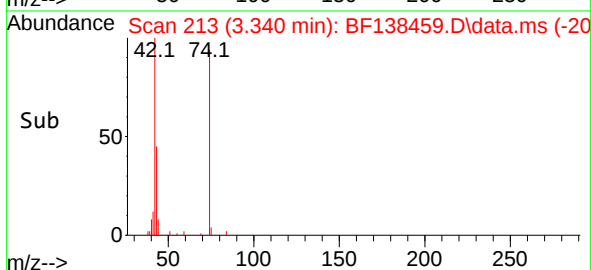
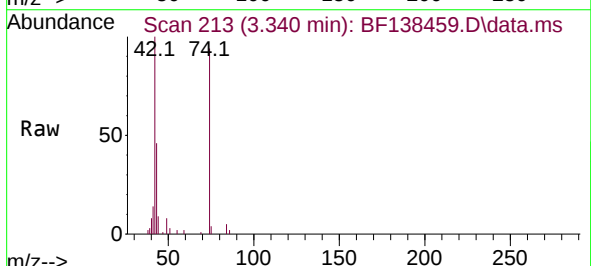
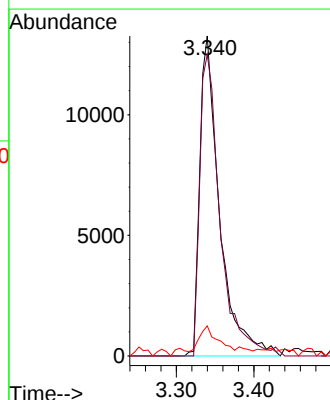
RT: 3.340 min Scan# 213

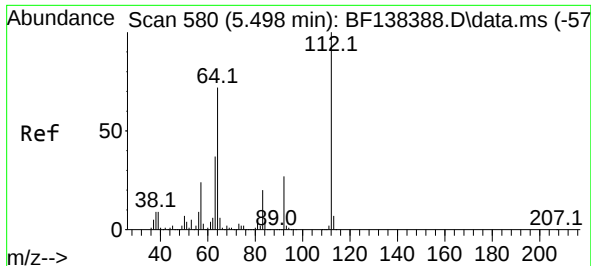
Delta R.T. -0.047 min

Lab File: BF138459.D

Acq: 03 Jul 2024 21:34

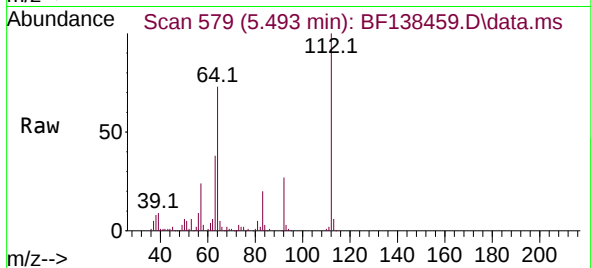
Tgt Ion: 42	Resp: 23555
Ion Ratio	Lower Upper
42	100
74	94.2 85.1 127.7
44	9.4 5.5 8.3





#5
2-Fluorophenol
Concen: 14.985 ng
RT: 5.493 min Scan# 51
Delta R.T. -0.006 min
Lab File: BF138459.D
Acq: 03 Jul 2024 21:34

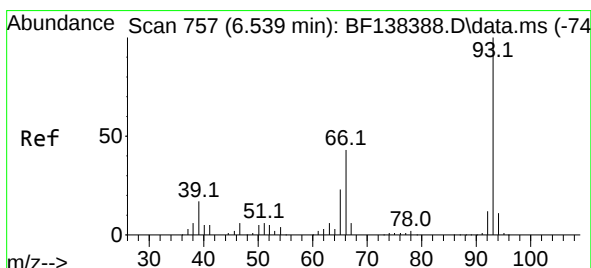
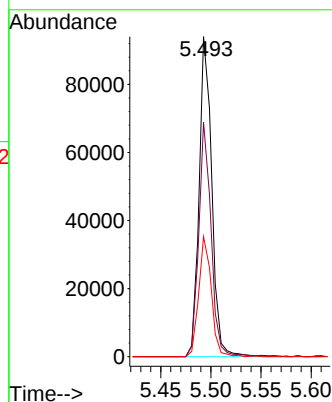
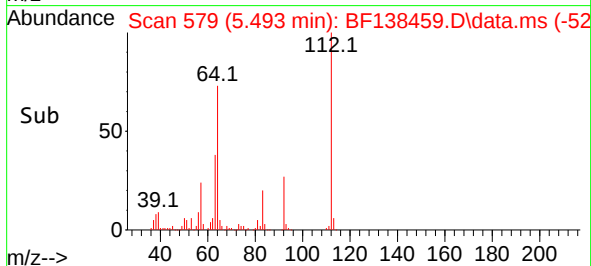
Instrument :
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ClientSampleId :
EO-02-070224MSD



Tgt Ion:112 Resp: 8283
Ion Ratio Lower Upper
112 100
64 73.3 57.2 85.8
63 37.5 29.4 44.0

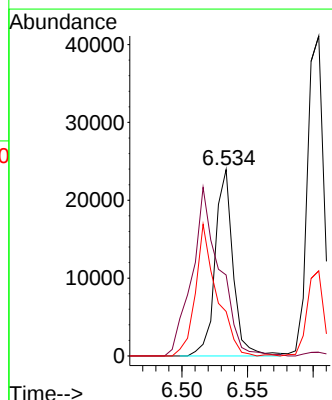
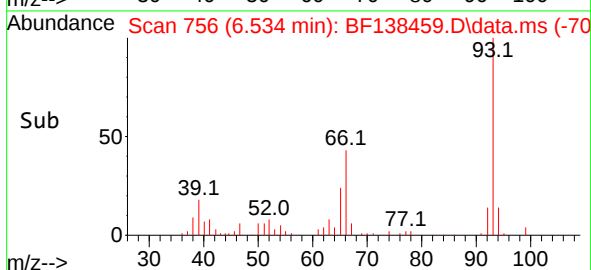
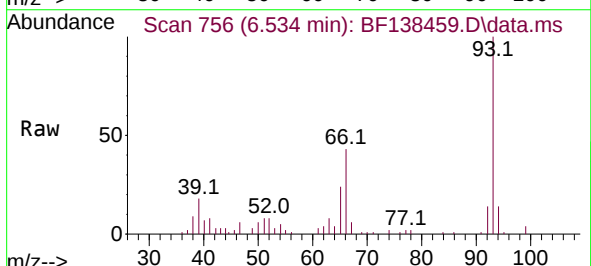
Manual Integrations
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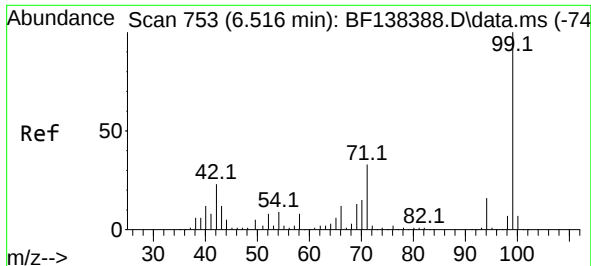
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#6
Aniline
Concen: 3.139 ng
RT: 6.534 min Scan# 756
Delta R.T. -0.006 min
Lab File: BF138459.D
Acq: 03 Jul 2024 21:34

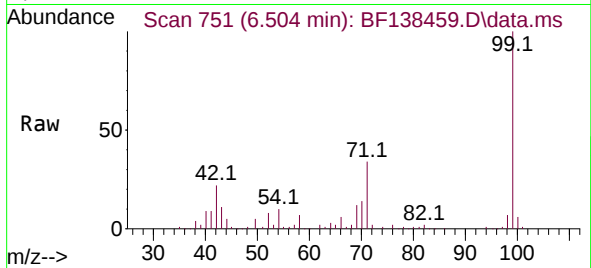
Tgt Ion: 93 Resp: 22810
Ion Ratio Lower Upper
93 100
66 43.5 34.7 52.1
65 23.8 18.5 27.7





#7
Phenol-d6
Concen: 13.600 ng
RT: 6.504 min Scan# 710
Delta R.T. -0.012 min
Lab File: BF138459.D
Acq: 03 Jul 2024 21:34

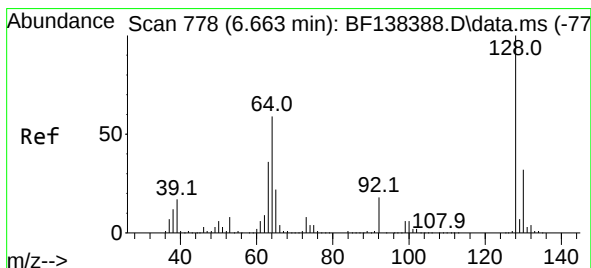
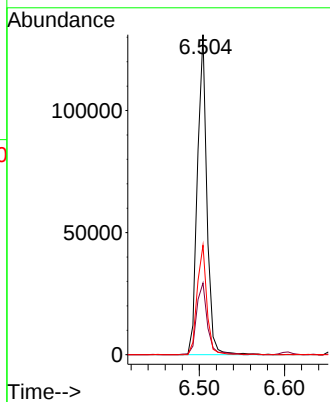
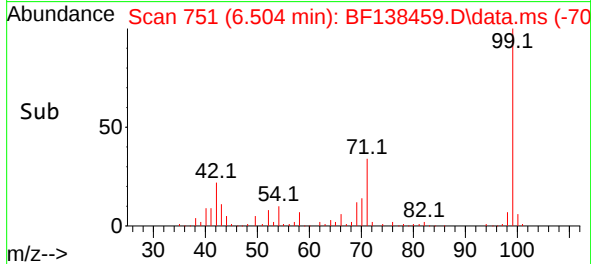
Instrument :
BNA_F
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Tgt Ion: 99 Resp: 101269
Ion Ratio Lower Upper
99 100
42 22.4 18.5 27.7
71 34.2 26.1 39.1

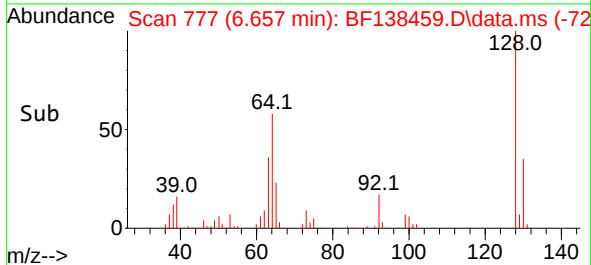
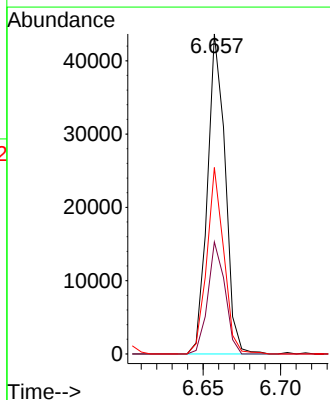
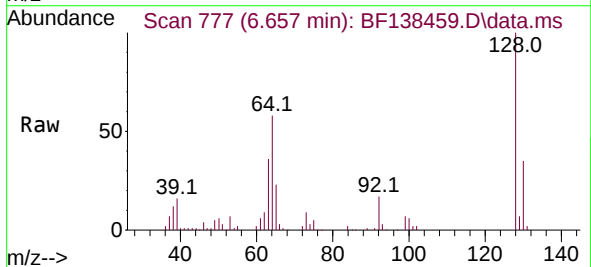
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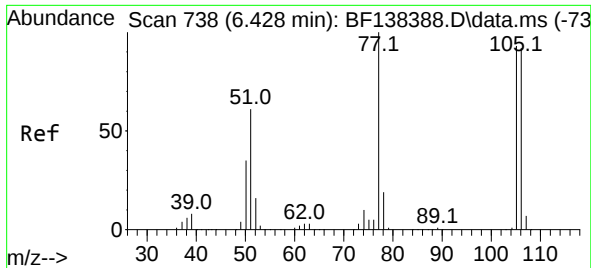
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#8
2-Chlorophenol
Concen: 5.864 ng
RT: 6.657 min Scan# 777
Delta R.T. -0.006 min
Lab File: BF138459.D
Acq: 03 Jul 2024 21:34

Tgt Ion:128 Resp: 34797
Ion Ratio Lower Upper
128 100
130 35.0 12.3 52.3
64 58.2 39.6 79.6





#9

Benzaldehyde

Concen: 1.259 ng

RT: 6.422 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF138459.D

Acq: 03 Jul 2024 21:34

Instrument :

BNA_F

ClientSampleId :

EO-02-070224MSD

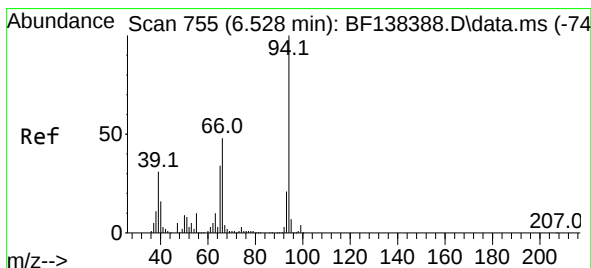
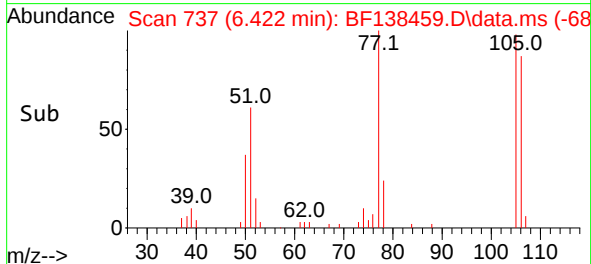
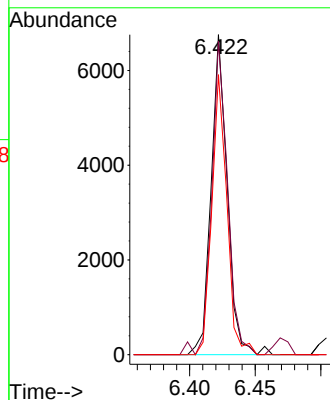
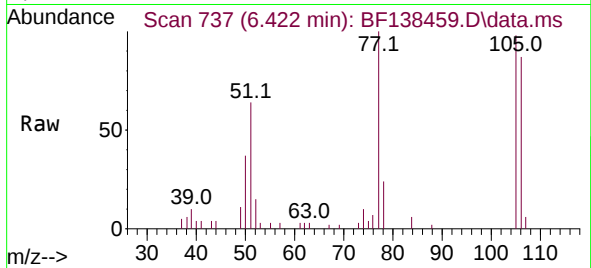
Tgt Ion: 77	Resp: 578
Ion Ratio	Lower Upper
77 100	
105 97.9	73.2 113.2
106 87.5	71.5 111.5

Manual Integrations

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Supervised By :mohammad ahmed 07/05/2024



#10

Phenol

Concen: 5.616 ng

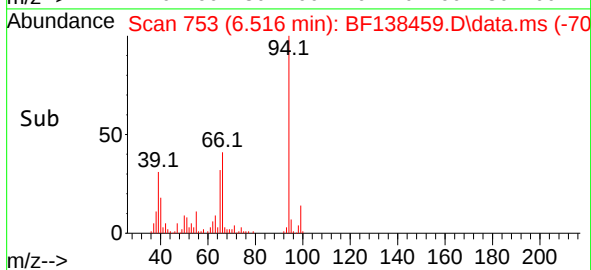
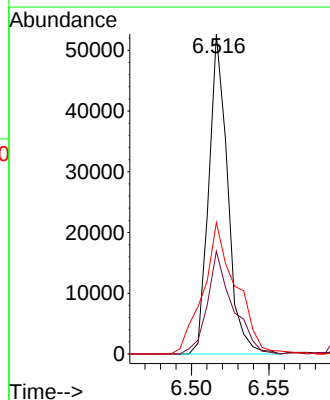
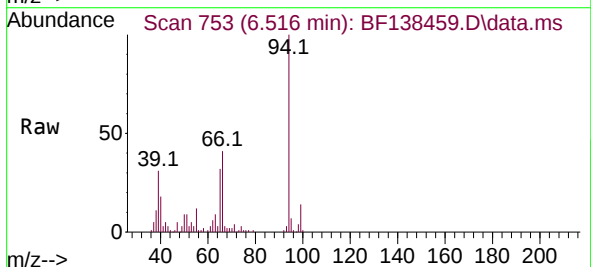
RT: 6.516 min Scan# 753

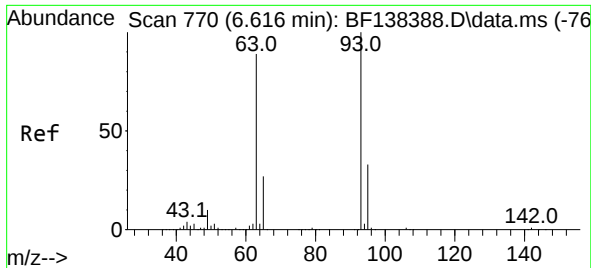
Delta R.T. -0.012 min

Lab File: BF138459.D

Acq: 03 Jul 2024 21:34

Tgt Ion: 94	Resp: 44556
Ion Ratio	Lower Upper
94 100	
65 32.1	14.2 54.2
66 41.1	27.9 67.9





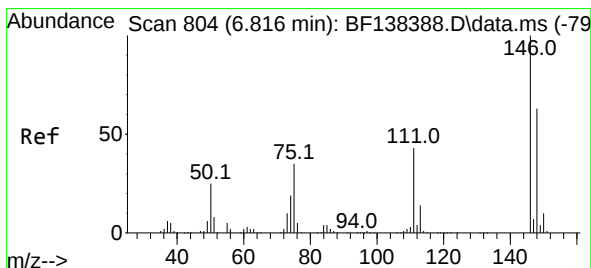
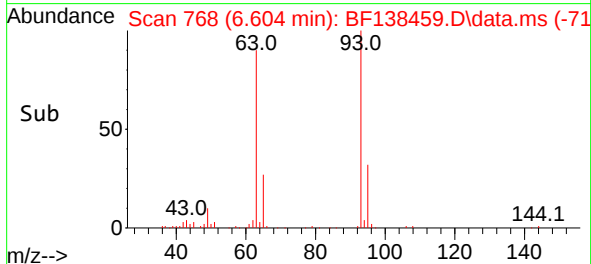
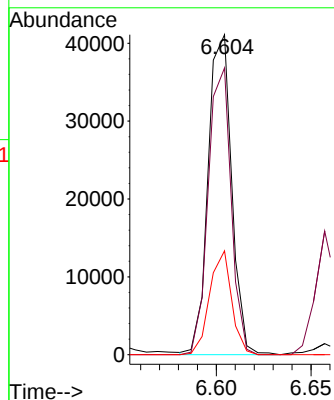
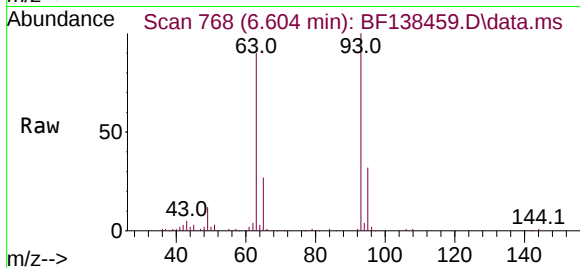
#11
bis(2-Chloroethyl)ether
Concen: 5.712 ng
RT: 6.604 min Scan# 770
Delta R.T. -0.012 min
Lab File: BF138459.D
Acq: 03 Jul 2024 21:34

Instrument :
BNA_F
ClientSampleId :
EO-02-070224MSD

Tgt Ion: 93 Resp: 3558
Ion Ratio Lower Upper
93 100
63 89.6 68.2 108.2
95 32.5 12.4 52.4

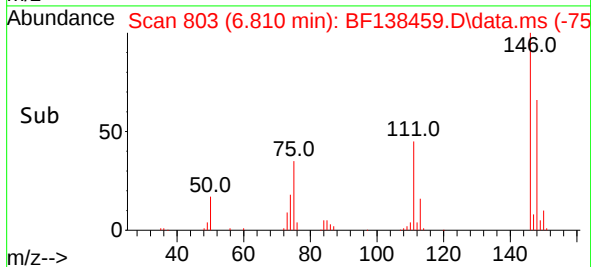
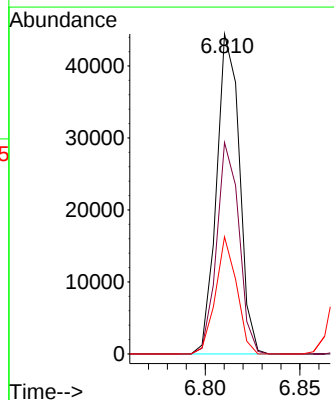
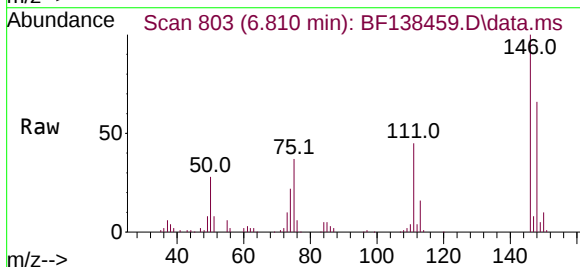
Manual Integrations
APPROVED

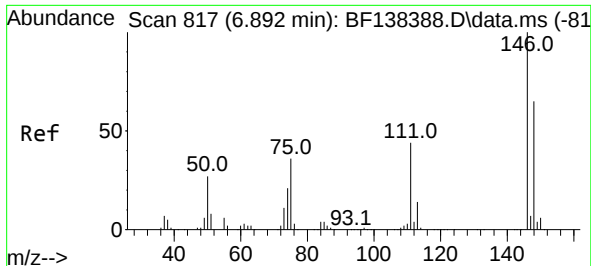
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#12
1,3-Dichlorobenzene
Concen: 5.503 ng
RT: 6.810 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF138459.D
Acq: 03 Jul 2024 21:34

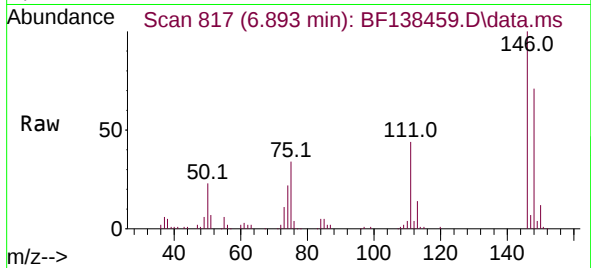
Tgt Ion:146 Resp: 37399
Ion Ratio Lower Upper
146 100
148 66.1 50.3 75.5
75 36.6 27.8 41.6





#13
1,4-Dichlorobenzene
Concen: 5.557 ng
RT: 6.893 min Scan# 817
Delta R.T. 0.000 min
Lab File: BF138459.D
Acq: 03 Jul 2024 21:34

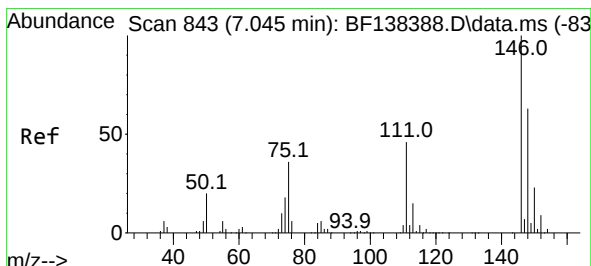
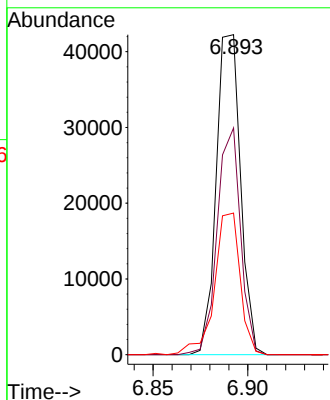
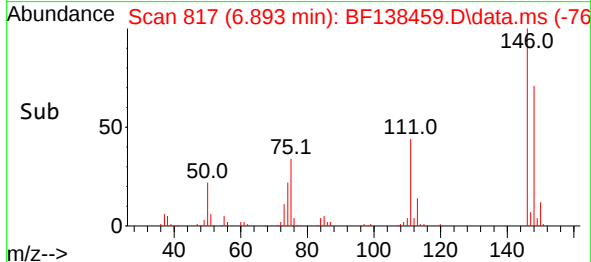
Instrument :
BNA_F
ClientSampleId :
EO-02-070224MSD



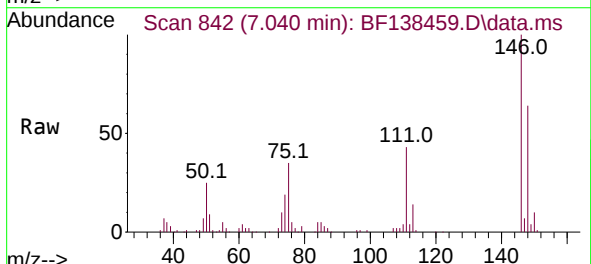
Tgt Ion:146 Resp: 3786
Ion Ratio Lower Upper
146 100
148 70.9 52.0 78.0
111 44.2 35.4 53.0

Manual Integrations
APPROVED

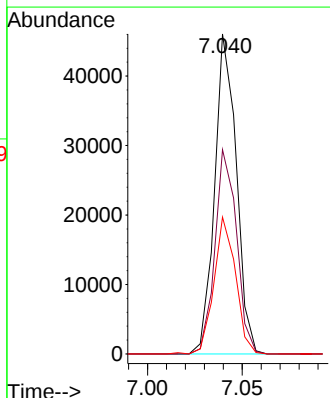
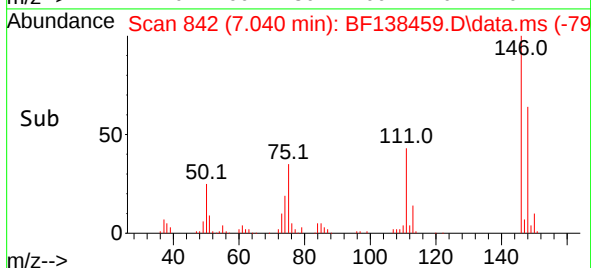
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024

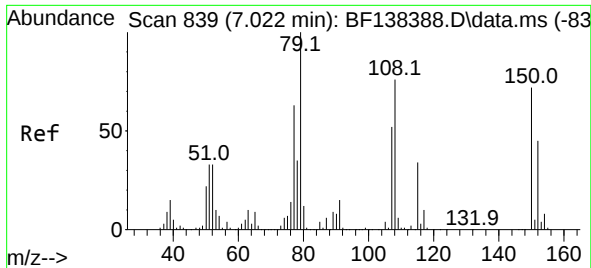


#14
1,2-Dichlorobenzene
Concen: 5.831 ng
RT: 7.040 min Scan# 842
Delta R.T. -0.006 min
Lab File: BF138459.D
Acq: 03 Jul 2024 21:34



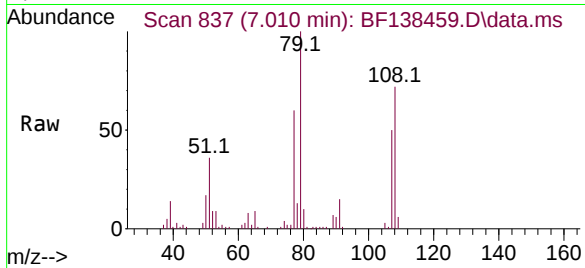
Tgt Ion:146 Resp: 36678
Ion Ratio Lower Upper
146 100
148 63.9 50.3 75.5
111 42.8 37.1 55.7





#15
Benzyl Alcohol
Concen: 5.559 ng
RT: 7.010 min Scan# 810
Delta R.T. -0.012 min
Lab File: BF138459.D
Acq: 03 Jul 2024 21:34

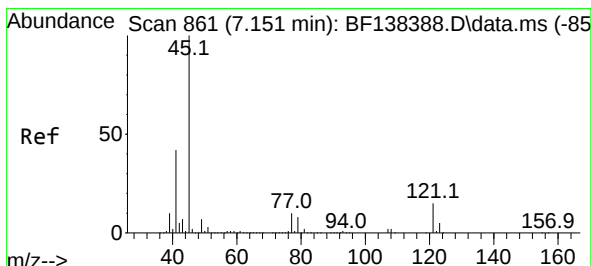
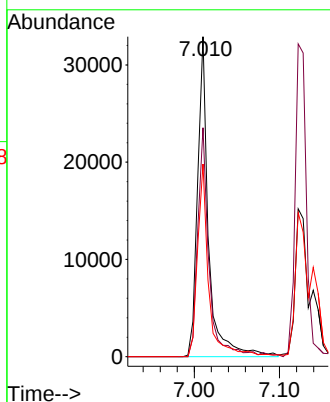
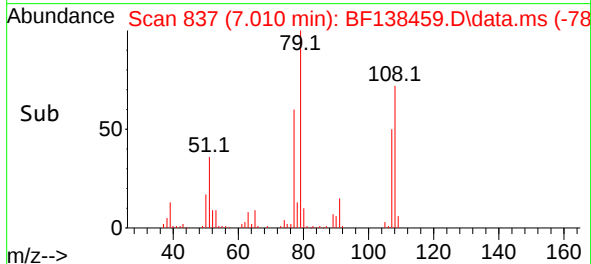
Instrument :
BNA_F
ClientSampleId :
EO-02-070224MSD



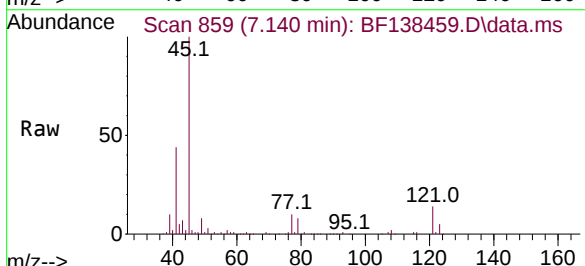
Tgt Ion: 79 Resp: 2965
Ion Ratio Lower Upper
79 100
108 71.6 60.9 91.3
77 60.2 50.6 75.8

Manual Integrations
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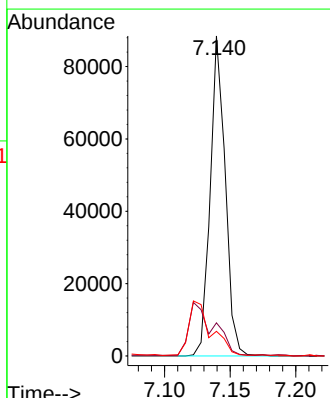
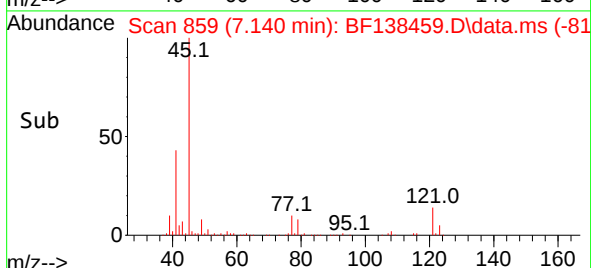
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024

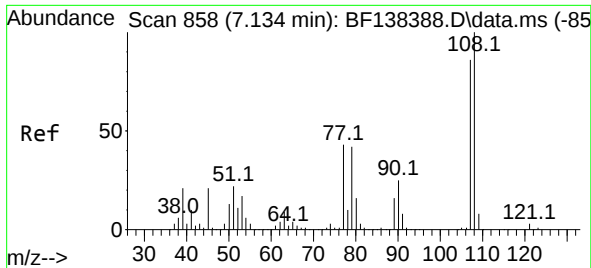


#16
2,2'-oxybis(1-Chloropropane)
Concen: 5.613 ng
RT: 7.140 min Scan# 859
Delta R.T. -0.012 min
Lab File: BF138459.D
Acq: 03 Jul 2024 21:34



Tgt Ion: 45 Resp: 70538
Ion Ratio Lower Upper
45 100
77 10.4 0.0 30.4
79 7.7 0.0 28.1





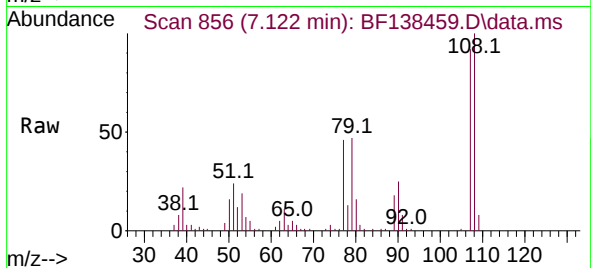
#17
2-Methylphenol
Concen: 5.163 ng
RT: 7.122 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF138459.D
Acq: 03 Jul 2024 21:34

Instrument :

BNA_F

ClientSampleId :

EO-02-070224MSD



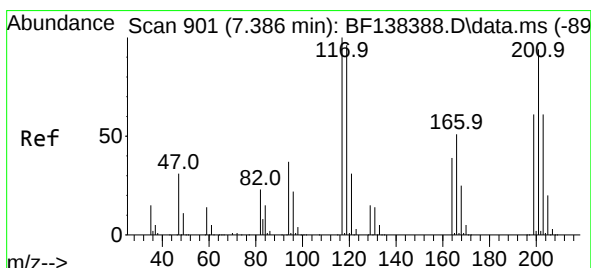
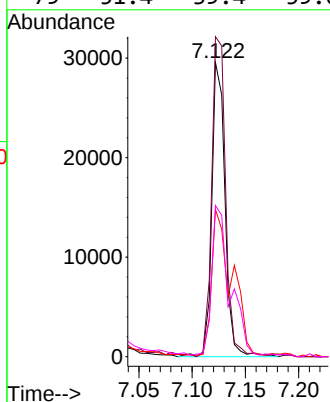
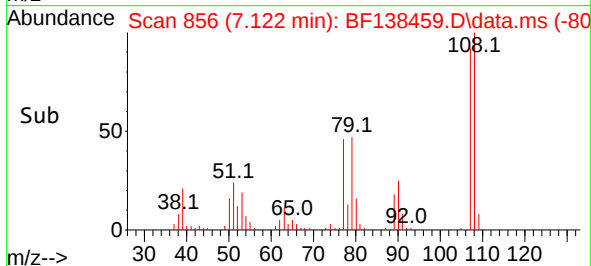
Tgt Ion:107 Resp: 25390
Ion Ratio Lower Upper
107 100
108 108.8 92.6 138.8
77 50.1 40.3 60.5
79 51.4 39.4 59.0

Manual Integrations

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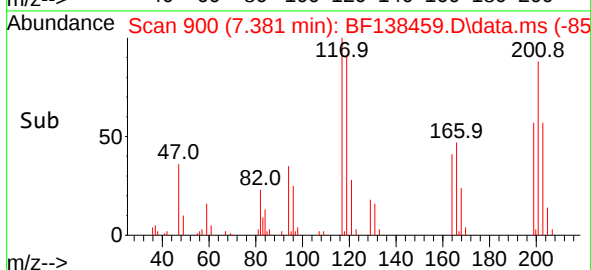
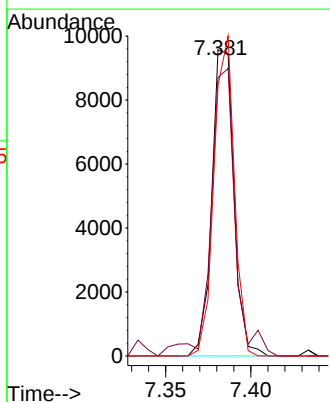
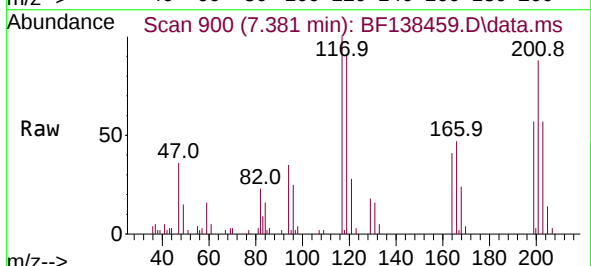
Reviewed By :Yogesh Patel 07/05/2024

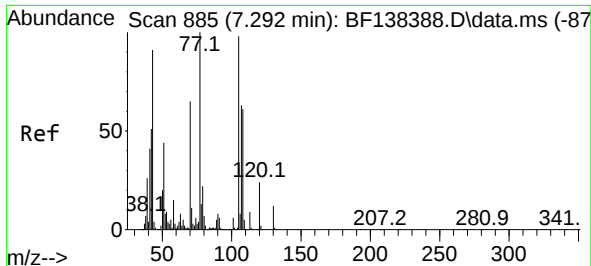
Supervised By :mohammad ahmed 07/05/2024



#18
Hexachloroethane
Concen: 3.496 ng
RT: 7.381 min Scan# 900
Delta R.T. -0.006 min
Lab File: BF138459.D
Acq: 03 Jul 2024 21:34

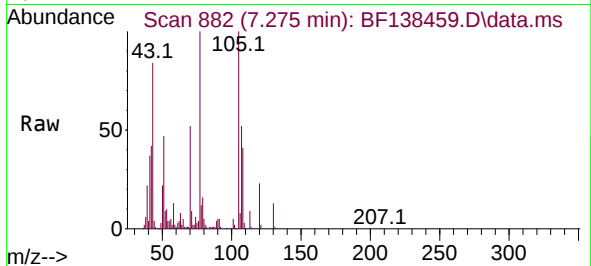
Tgt Ion:117 Resp: 8592
Ion Ratio Lower Upper
117 100
119 91.0 77.1 115.7
201 88.5 75.6 113.4





#19
n-Nitroso-di-n-propylamine
Concen: 5.459 ng
RT: 7.275 min Scan# 81
Delta R.T. -0.018 min
Lab File: BF138459.D
Acq: 03 Jul 2024 21:34

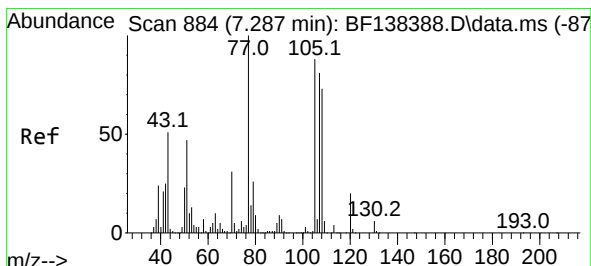
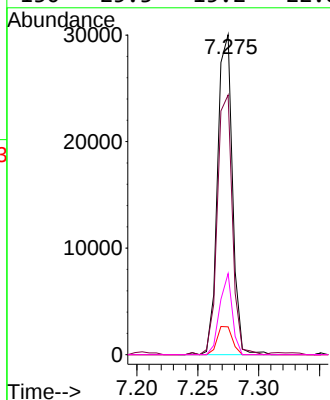
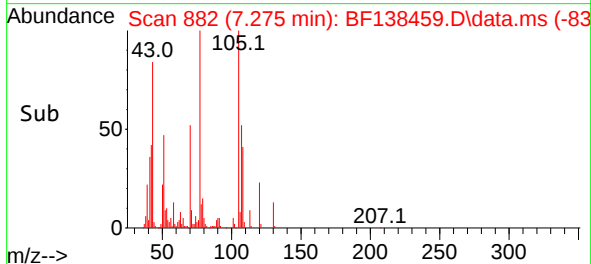
Instrument :
BNA_F
ClientSampleId :
EO-02-070224MSD



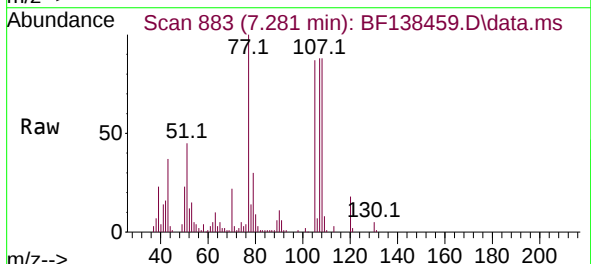
Tgt Ion: 70 Resp: 25620
Ion Ratio Lower Upper
70 100
42 81.1 62.5 93.7
101 8.7 7.0 10.4
130 25.3 15.2 22.8#

Manual Integrations
APPROVED

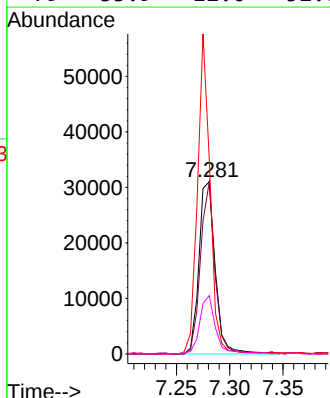
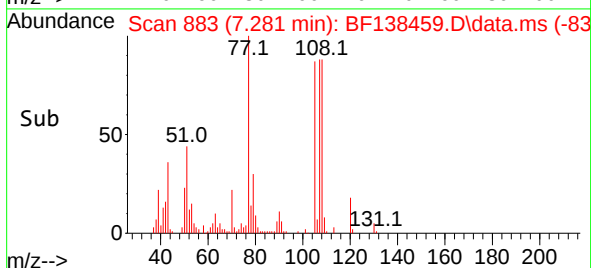
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024

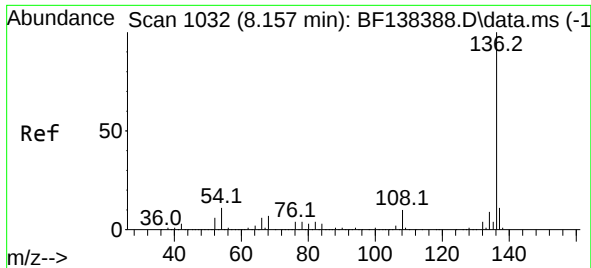


#20
3+4-Methylphenols
Concen: 5.824 ng
RT: 7.281 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF138459.D
Acq: 03 Jul 2024 21:34



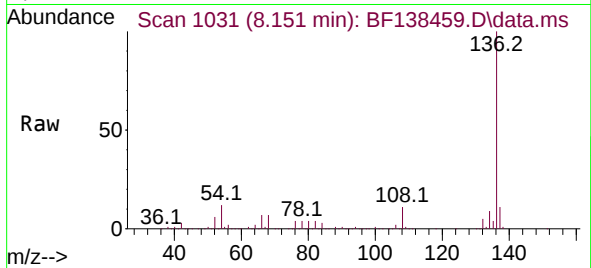
Tgt Ion:107 Resp: 33278
Ion Ratio Lower Upper
107 100
108 99.7 70.8 110.8
77 113.4 104.0 144.0
79 33.9 12.0 52.0





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1032
Delta R.T. -0.006 min
Lab File: BF138459.D
Acq: 03 Jul 2024 21:34

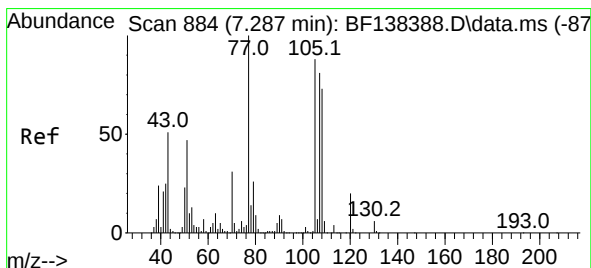
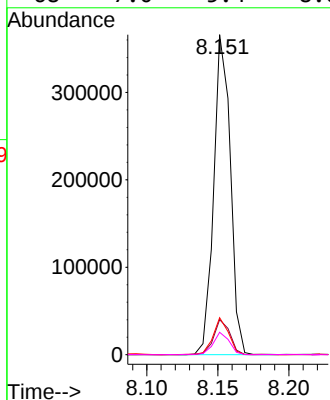
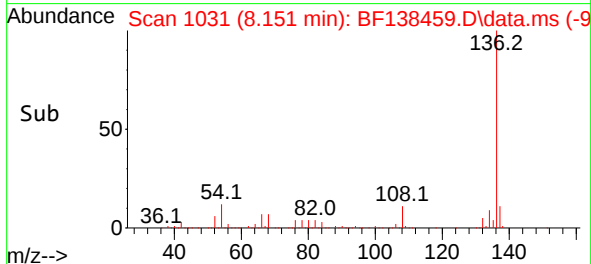
Instrument :
BNA_F
ClientSampleId :
EO-02-070224MSD



Tgt Ion:136 Resp: 29847
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 11.6 9.0 13.4
68 7.0 5.4 8.0

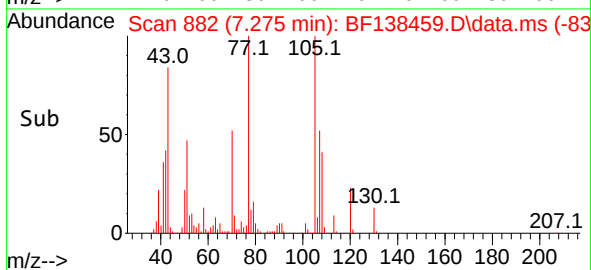
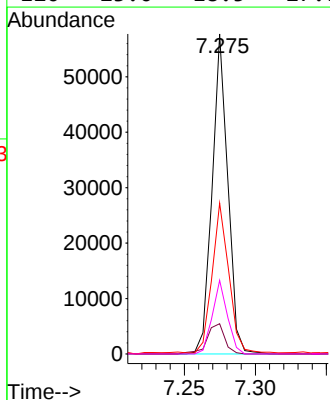
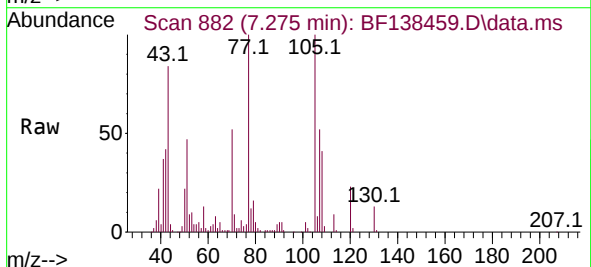
Manual Integrations
APPROVED

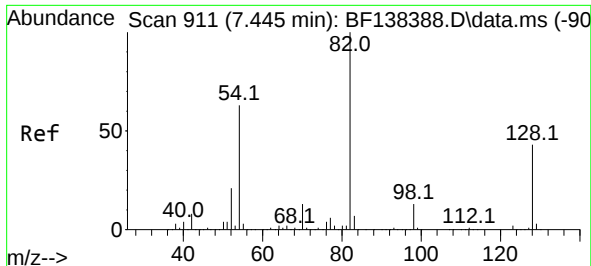
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#22
Acetophenone
Concen: 6.525 ng
RT: 7.275 min Scan# 882
Delta R.T. -0.012 min
Lab File: BF138459.D
Acq: 03 Jul 2024 21:34

Tgt Ion:105 Resp: 44184
Ion Ratio Lower Upper
105 100
71 9.4 4.7 7.1#
51 47.2 43.2 64.8
120 23.0 18.5 27.7





#23
Nitrobenzene-d5
Concen: 10.184 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.018 min
Lab File: BF138459.D
Acq: 03 Jul 2024 21:34

Instrument :

BNA_F

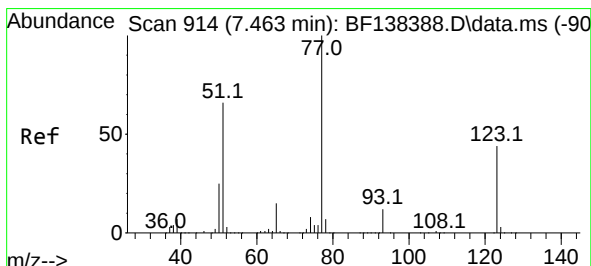
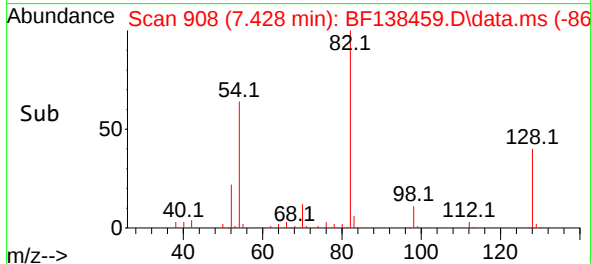
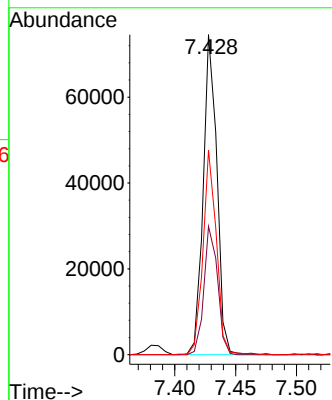
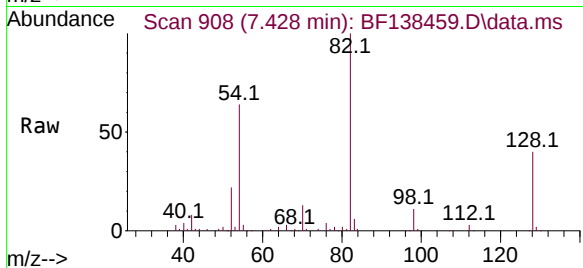
ClientSampleId :

EO-02-070224MSD

Tgt Ion: 82 Resp: 58512
Ion Ratio Lower Upper
82 100
128 40.1 34.6 52.0
54 63.9 50.5 75.7

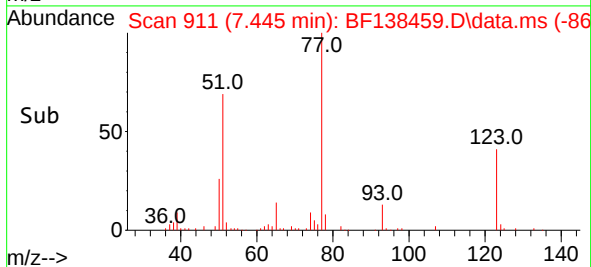
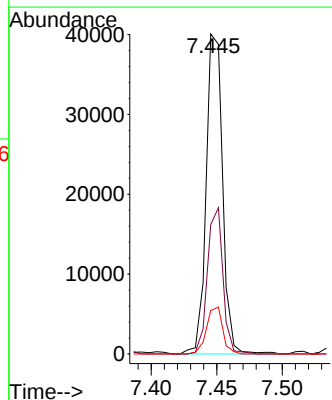
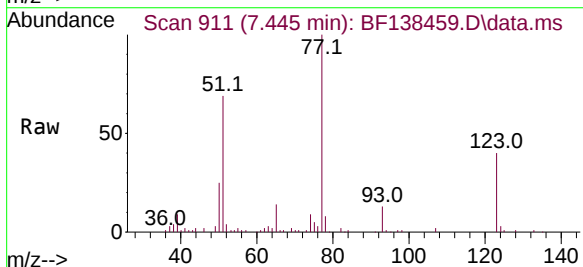
Manual Integrations
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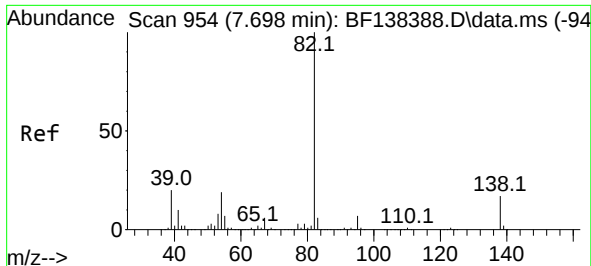
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#24
Nitrobenzene
Concen: 6.014 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.018 min
Lab File: BF138459.D
Acq: 03 Jul 2024 21:34

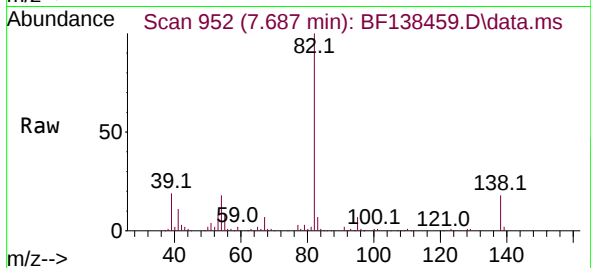
Tgt Ion: 77 Resp: 35145
Ion Ratio Lower Upper
77 100
123 40.5 35.0 52.6
65 13.5 12.1 18.1





#25
Isophorone
Concen: 5.876 ng
RT: 7.687 min Scan# 910
Delta R.T. -0.012 min
Lab File: BF138459.D
Acq: 03 Jul 2024 21:34

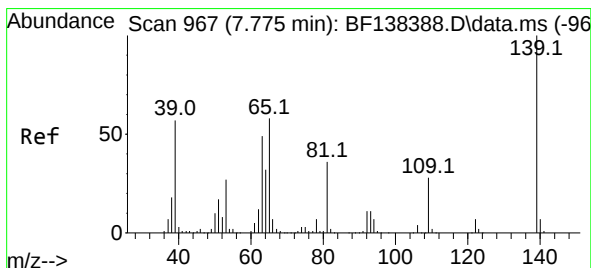
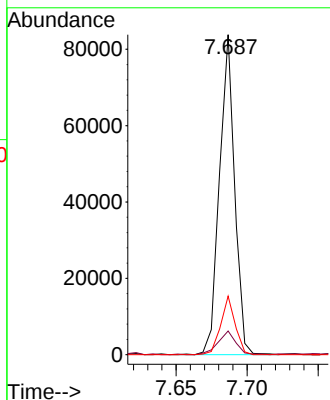
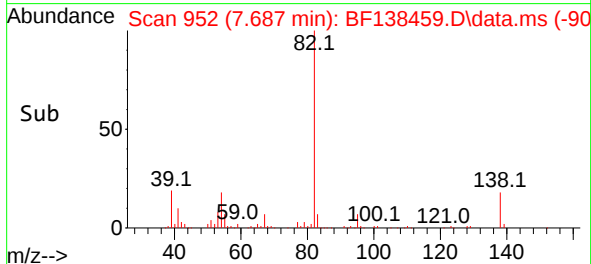
Instrument :
BNA_F
ClientSampleId :
EO-02-070224MSD



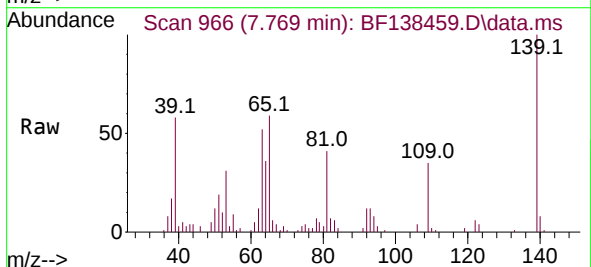
Tgt Ion: 82 Resp: 6225
Ion Ratio Lower Upper
82 100
95 7.4 5.7 8.5
138 18.3 13.4 20.2

Manual Integrations
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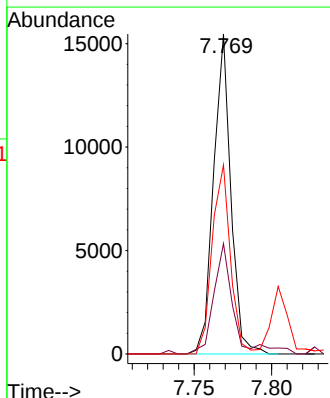
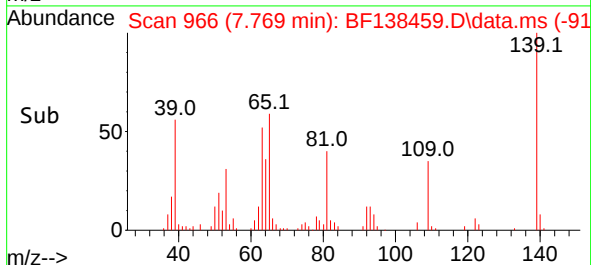
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024

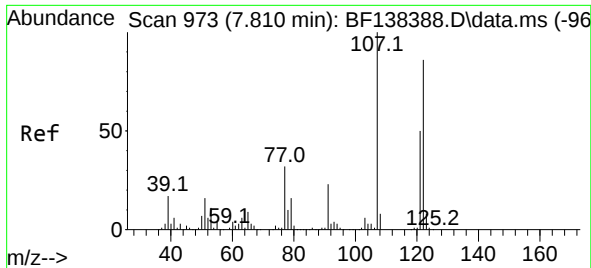


#26
2-Nitrophenol
Concen: 4.759 ng
RT: 7.769 min Scan# 966
Delta R.T. -0.006 min
Lab File: BF138459.D
Acq: 03 Jul 2024 21:34



Tgt Ion:139 Resp: 11996
Ion Ratio Lower Upper
139 100
109 34.5 22.5 33.7#
65 59.1 46.2 69.2





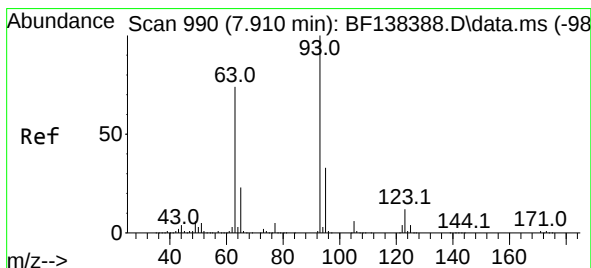
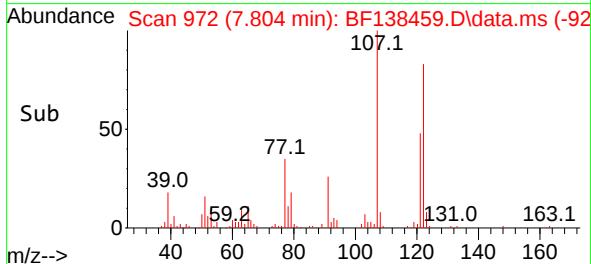
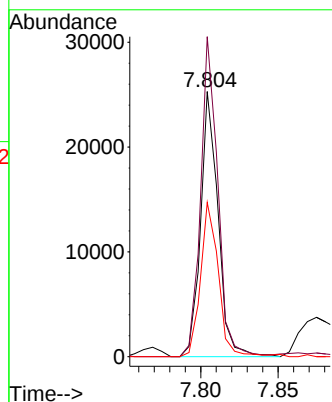
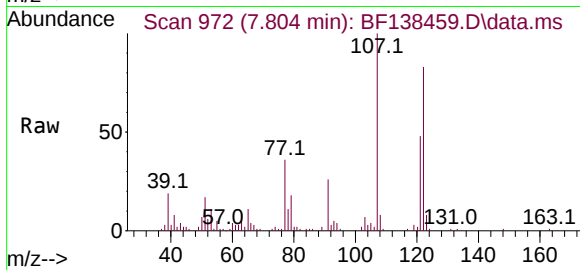
#27
2,4-Dimethylphenol
Concen: 6.147 ng
RT: 7.804 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF138459.D
Acq: 03 Jul 2024 21:34

Instrument :
BNA_F
ClientSampleId :
EO-02-070224MSD

Tgt Ion:122 Resp: 19830
Ion Ratio Lower Upper
122 100
107 120.7 92.5 138.7
121 58.2 46.5 69.7

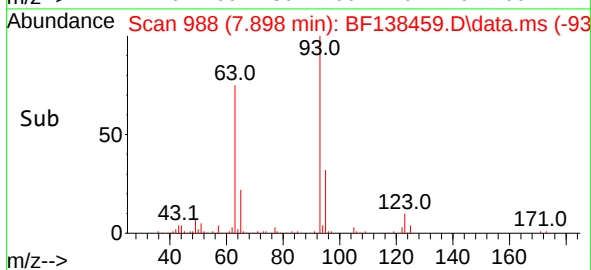
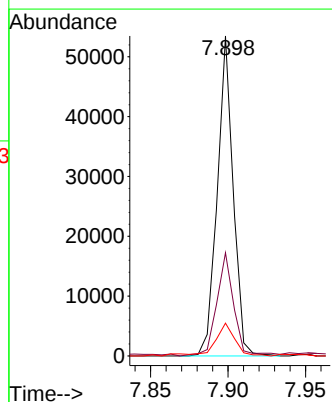
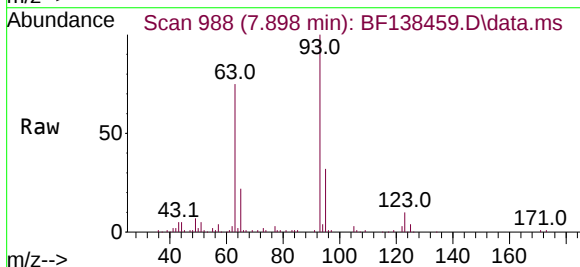
Manual Integrations
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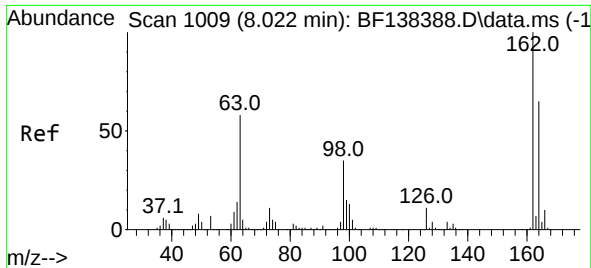
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#28
bis(2-Chloroethoxy)methane
Concen: 5.986 ng
RT: 7.898 min Scan# 988
Delta R.T. -0.012 min
Lab File: BF138459.D
Acq: 03 Jul 2024 21:34

Tgt Ion: 93 Resp: 38175
Ion Ratio Lower Upper
93 100
95 32.2 26.6 40.0
123 10.3 9.6 14.4





#29

2,4-Dichlorophenol

Concen: 5.109 ng

RT: 8.016 min Scan# 1008

Delta R.T. -0.006 min

Lab File: BF138459.D

Acq: 03 Jul 2024 21:34

Instrument :

BNA_F

ClientSampleId :

EO-02-070224MSD

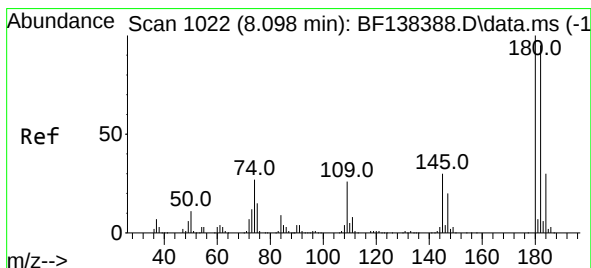
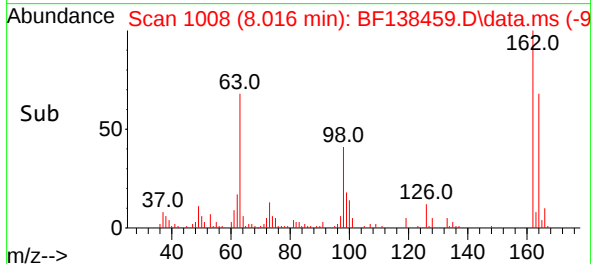
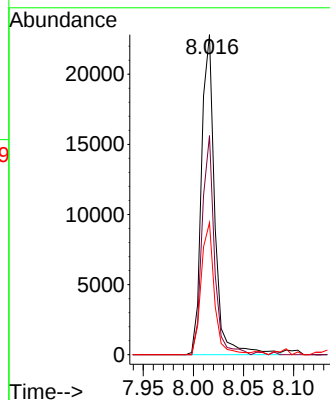
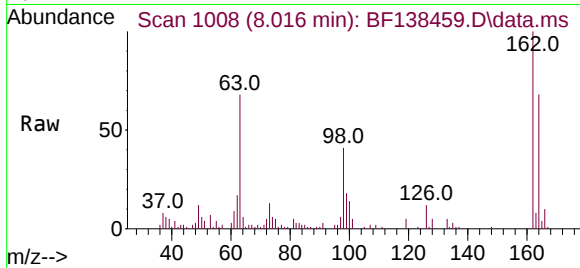
Tgt Ion:162	Resp:	21170
Ion Ratio	Lower	Upper
162	100	
164	68.5	45.4 85.4
98	41.3	15.2 55.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/05/2024

Supervised By :mohammad ahmed 07/05/2024



#30

1,2,4-Trichlorobenzene

Concen: 5.384 ng

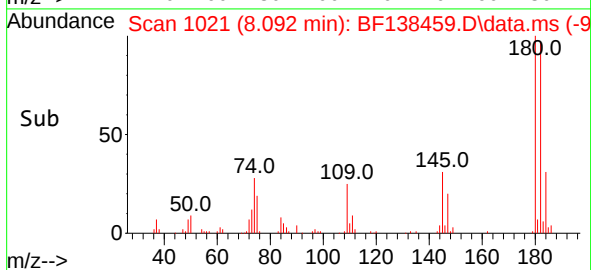
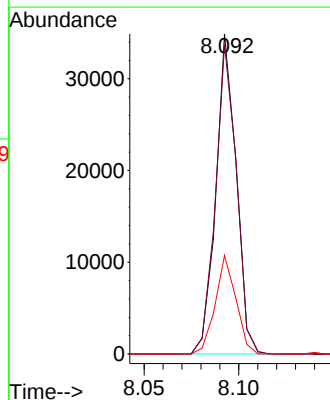
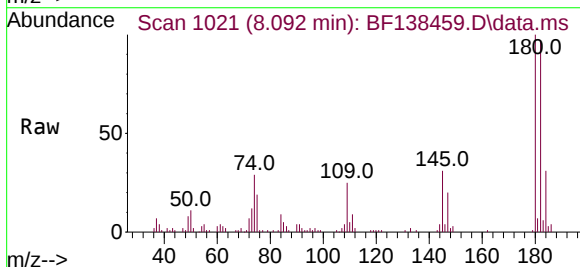
RT: 8.092 min Scan# 1021

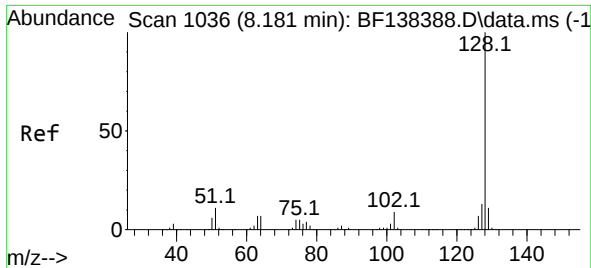
Delta R.T. -0.006 min

Lab File: BF138459.D

Acq: 03 Jul 2024 21:34

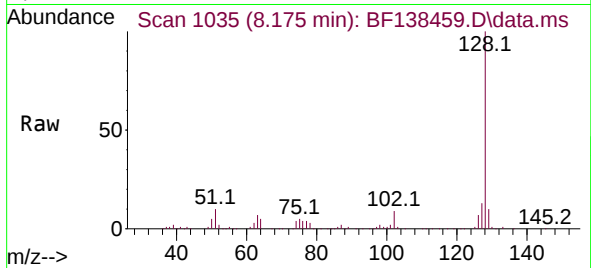
Tgt Ion:180	Resp:	25938
Ion Ratio	Lower	Upper
180	100	
182	96.7	76.0 114.0
145	30.8	24.2 36.2





#31
Naphthalene
Concen: 6.027 ng
RT: 8.175 min Scan# 1036
Delta R.T. -0.006 min
Lab File: BF138459.D
Acq: 03 Jul 2024 21:34

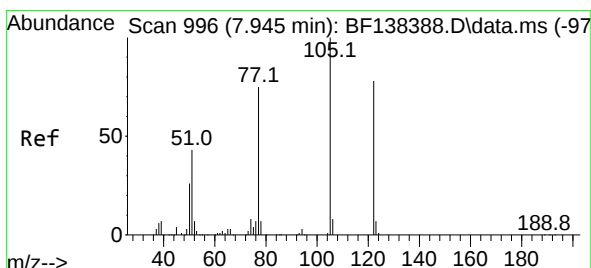
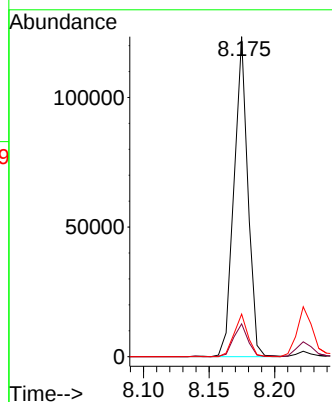
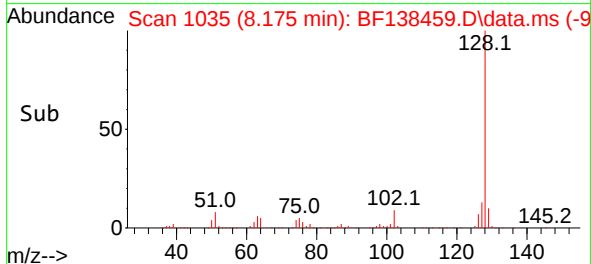
Instrument :
BNA_F
ClientSampleId :
EO-02-070224MSD



Tgt Ion:128 Resp: 9093
Ion Ratio Lower Upper
128 100
129 10.3 9.0 13.6
127 13.3 10.6 16.0

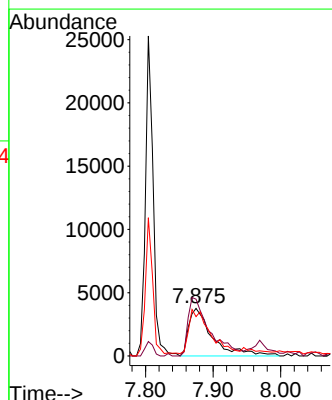
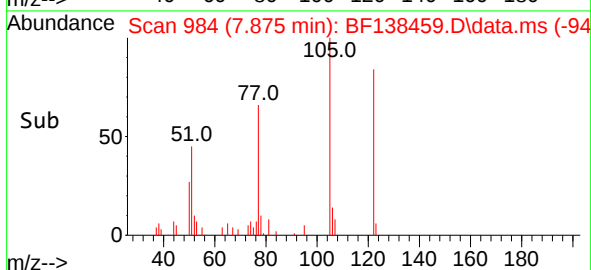
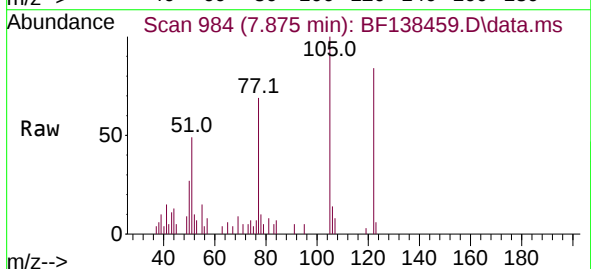
Manual Integrations
APPROVED

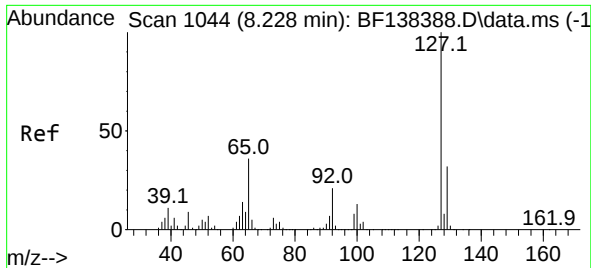
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#32
Benzoic acid
Concen: 6.956 ng m
RT: 7.875 min Scan# 984
Delta R.T. -0.070 min
Lab File: BF138459.D
Acq: 03 Jul 2024 21:34

Tgt Ion:122 Resp: 9212
Ion Ratio Lower Upper
122 100
105 119.3 103.8 143.8
77 82.7 74.3 114.3





#33
4-Chloroaniline
Concen: 3.380 ng
RT: 8.222 min Scan# 1043
Delta R.T. -0.006 min
Lab File: BF138459.D
Acq: 03 Jul 2024 21:34

Instrument :

BNA_F

ClientSampleId :

EO-02-070224MSD

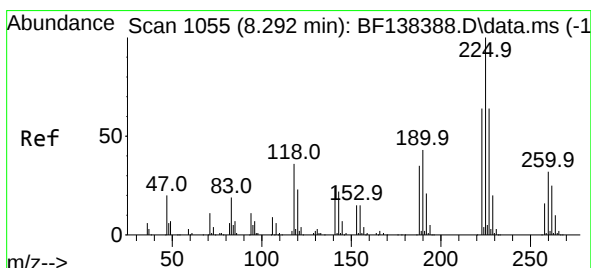
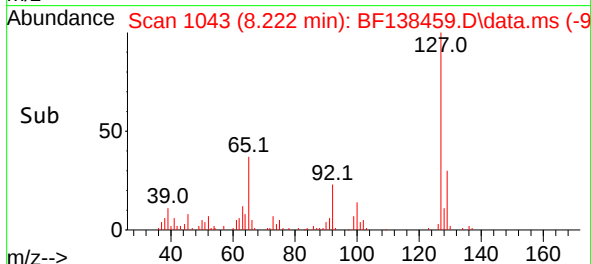
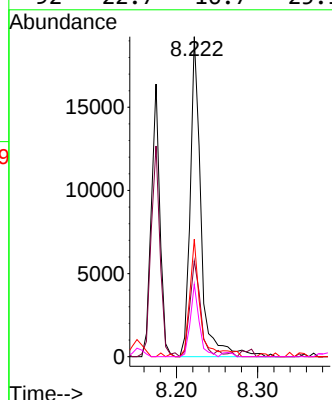
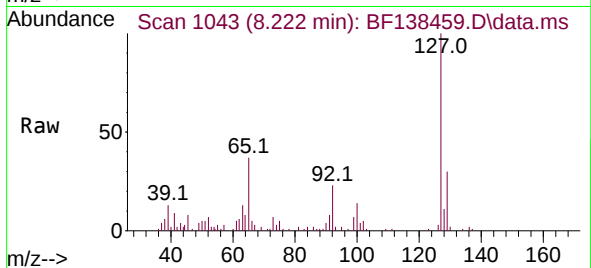
Tgt Ion:127 Resp: 1781
Ion Ratio Lower Upper
127 100
129 29.9 25.4 38.2
65 36.7 28.7 43.1
92 22.7 16.7 25.1

Manual Integrations

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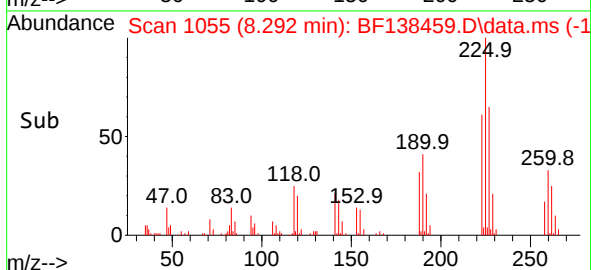
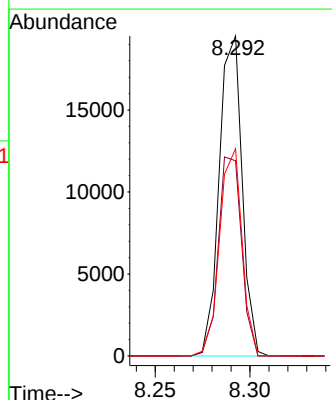
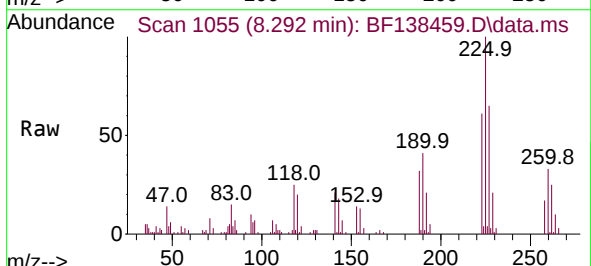
Reviewed By :Yogesh Patel 07/05/2024

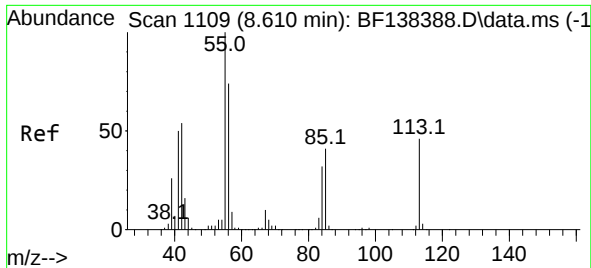
Supervised By :mohammad ahmed 07/05/2024



#34
Hexachlorobutadiene
Concen: 5.679 ng
RT: 8.292 min Scan# 1055
Delta R.T. 0.000 min
Lab File: BF138459.D
Acq: 03 Jul 2024 21:34

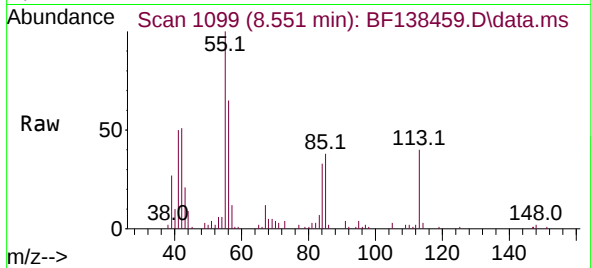
Tgt Ion:225 Resp: 16426
Ion Ratio Lower Upper
225 100
223 61.0 51.0 76.6
227 64.8 51.2 76.8





#35
 Caprolactam
 Concen: 4.694 ng
 RT: 8.551 min Scan# 1099
 Delta R.T. -0.059 min
 Lab File: BF138459.D
 Acq: 03 Jul 2024 21:34

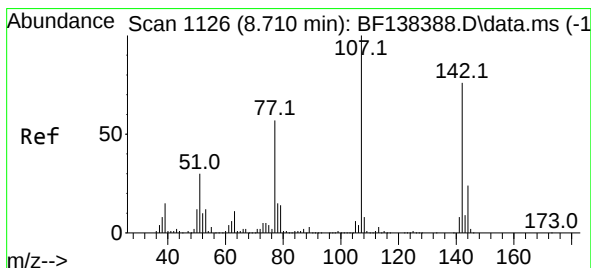
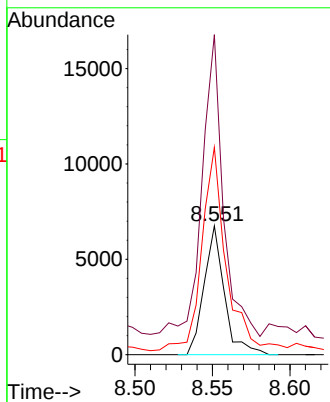
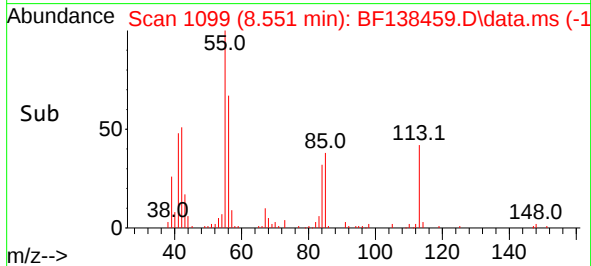
Instrument :
 BNA_F
 ClientSampleId :
 EO-02-070224MSD



Tgt Ion:113 Resp: 6142
 Ion Ratio Lower Upper
 113 100
 55 248.4 195.9 235.9
 56 161.0 138.7 178.7

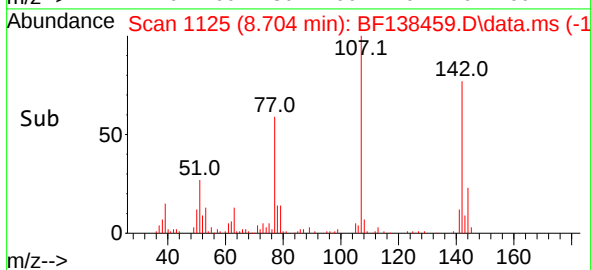
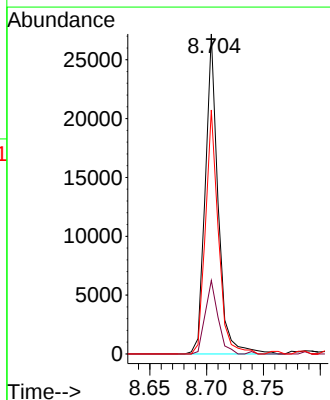
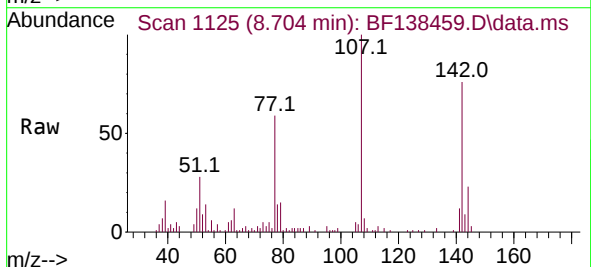
Manual Integrations
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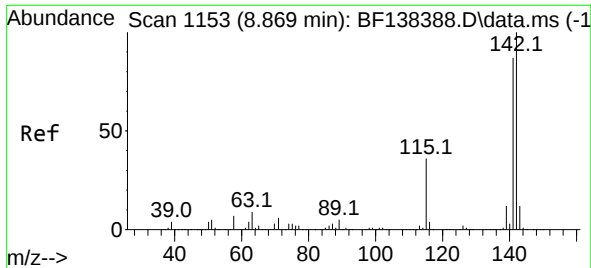
Reviewed By :Yogesh Patel 07/05/2024
 Supervised By :mohammad ahmed 07/05/2024



#36
 4-Chloro-3-methylphenol
 Concen: 4.841 ng
 RT: 8.704 min Scan# 1125
 Delta R.T. -0.006 min
 Lab File: BF138459.D
 Acq: 03 Jul 2024 21:34

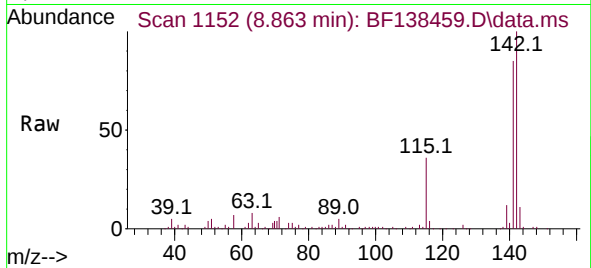
Tgt Ion:107 Resp: 21366
 Ion Ratio Lower Upper
 107 100
 144 22.9 19.2 28.8
 142 76.2 61.0 91.6





#37
2-Methylnaphthalene
Concen: 5.434 ng
RT: 8.863 min Scan# 1153
Delta R.T. -0.006 min
Lab File: BF138459.D
Acq: 03 Jul 2024 21:34

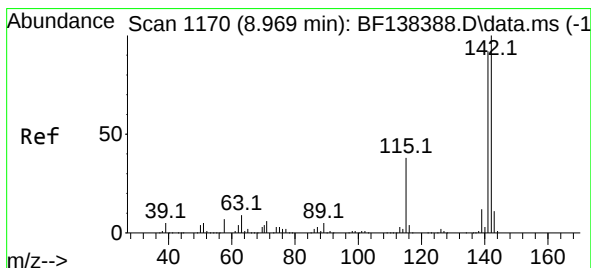
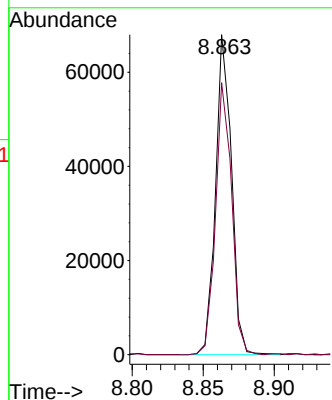
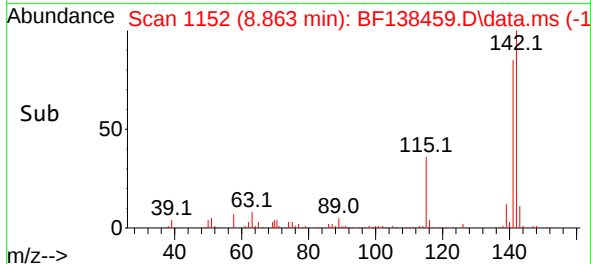
Instrument :
BNA_F
ClientSampleId :
EO-02-070224MSD



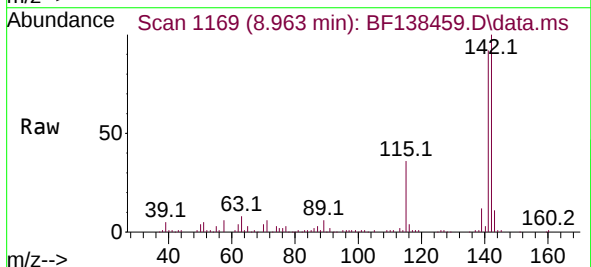
Tgt Ion:142 Resp: 52988
Ion Ratio Lower Upper
142 100
141 85.0 69.6 104.4

Manual Integrations
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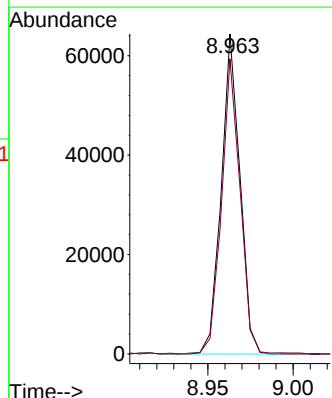
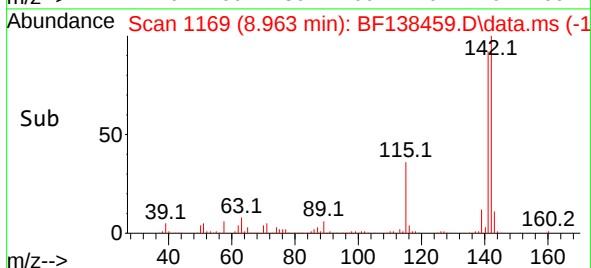
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024

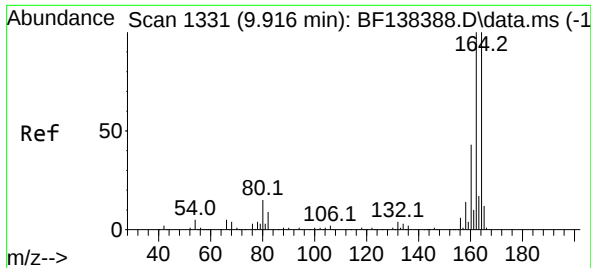


#38
1-Methylnaphthalene
Concen: 5.179 ng
RT: 8.963 min Scan# 1169
Delta R.T. -0.006 min
Lab File: BF138459.D
Acq: 03 Jul 2024 21:34



Tgt Ion:142 Resp: 48978
Ion Ratio Lower Upper
142 100
141 92.2 73.7 110.5





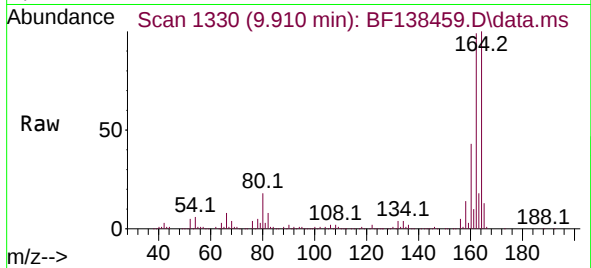
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1180
Delta R.T. -0.006 min
Lab File: BF138459.D
Acq: 03 Jul 2024 21:34

Instrument :

BNA_F

ClientSampleId :

EO-02-070224MSD



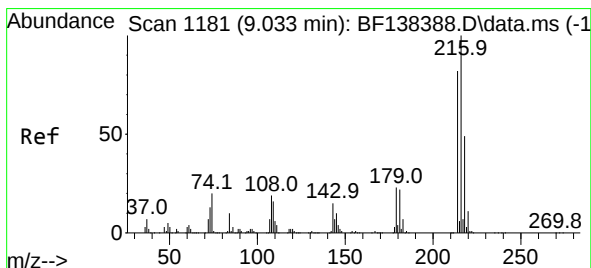
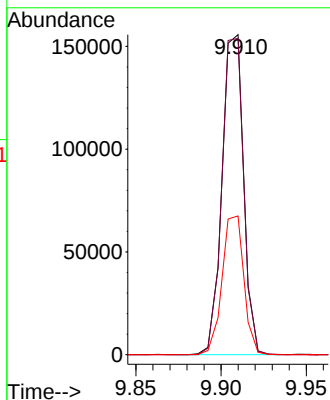
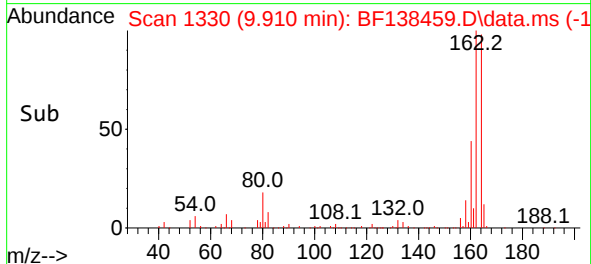
Tgt Ion:164 Resp: 13732
Ion Ratio Lower Upper
164 100
162 98.8 80.1 120.1
160 43.3 34.1 51.1

Manual Integrations

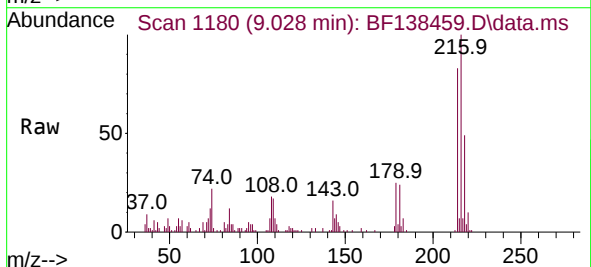
APPROVED

Reviewed By :Yogesh Patel 07/05/2024

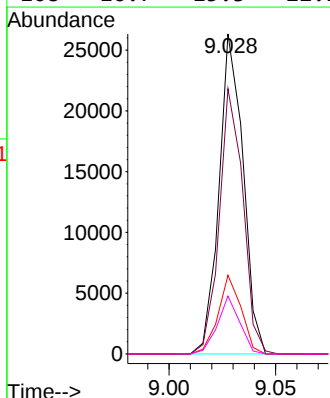
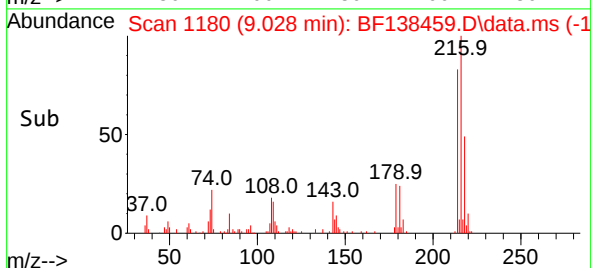
Supervised By :mohammad ahmed 07/05/2024

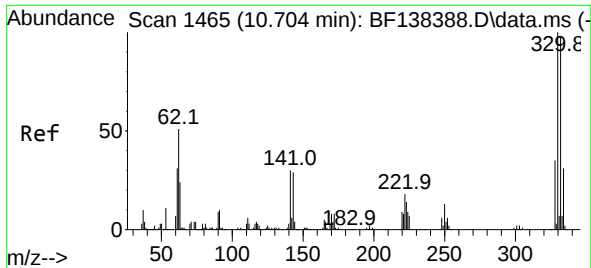


#40
1,2,4,5-Tetrachlorobenzene
Concen: 5.421 ng
RT: 9.028 min Scan# 1180
Delta R.T. -0.005 min
Lab File: BF138459.D
Acq: 03 Jul 2024 21:34



Tgt Ion:216 Resp: 20591
Ion Ratio Lower Upper
216 100
214 81.6 64.2 96.4
179 23.6 17.4 26.0
108 16.7 15.3 22.9





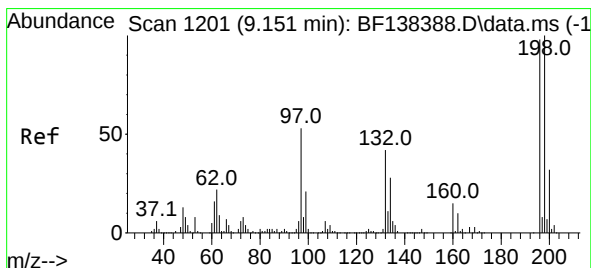
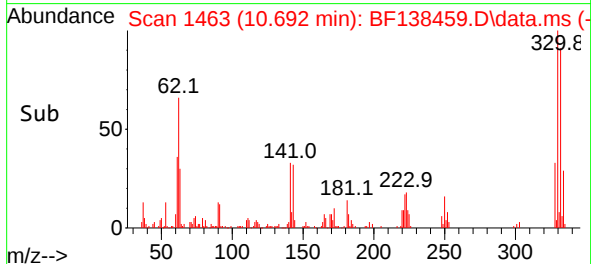
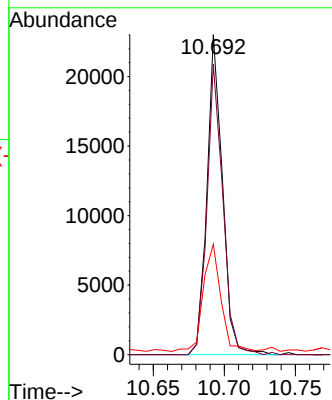
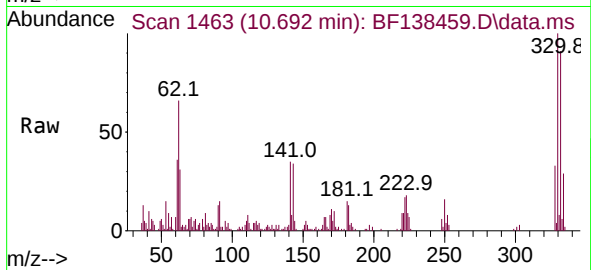
#42
2,4,6-Tribromophenol
Concen: 15.610 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.012 min
Lab File: BF138459.D
Acq: 03 Jul 2024 21:34

Instrument :
BNA_F
ClientSampleId :
EO-02-070224MSD

Tgt Ion: 330 Resp: 1751
Ion Ratio Lower Upper
330 100
332 93.1 77.0 115.6
141 37.8 28.1 42.1

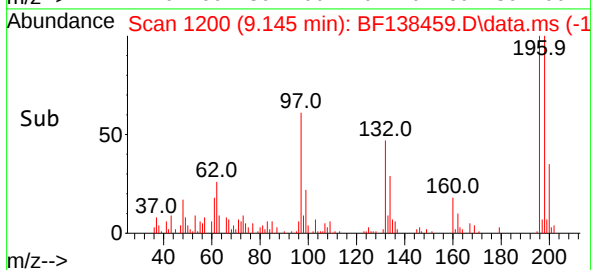
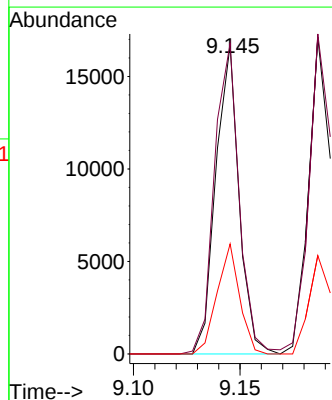
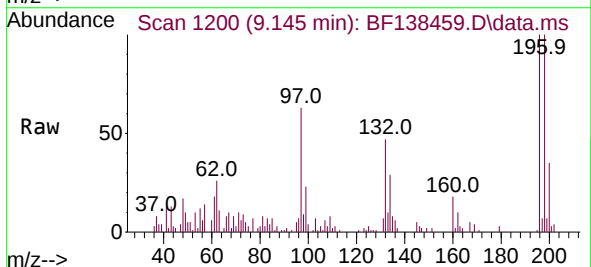
Manual Integrations
APPROVED

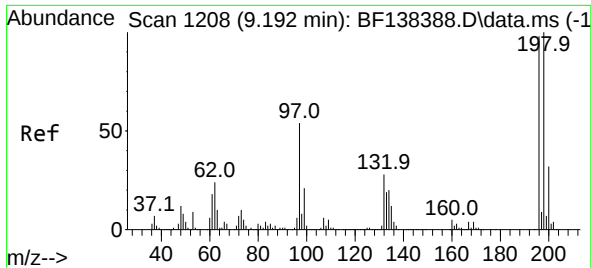
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#43
2,4,6-Trichlorophenol
Concen: 5.229 ng
RT: 9.145 min Scan# 1200
Delta R.T. -0.006 min
Lab File: BF138459.D
Acq: 03 Jul 2024 21:34

Tgt Ion: 196 Resp: 12639
Ion Ratio Lower Upper
196 100
198 100.4 81.8 122.8
200 35.6 26.2 39.4





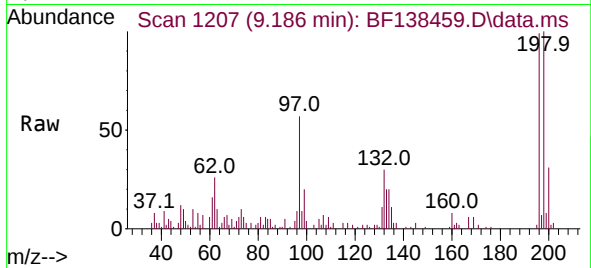
#44
2,4,5-Trichlorophenol
Concen: 5.313 ng
RT: 9.186 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138459.D
Acq: 03 Jul 2024 21:34

Instrument :

BNA_F

ClientSampleId :

EO-02-070224MSD



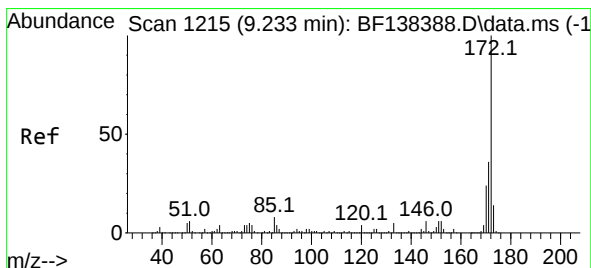
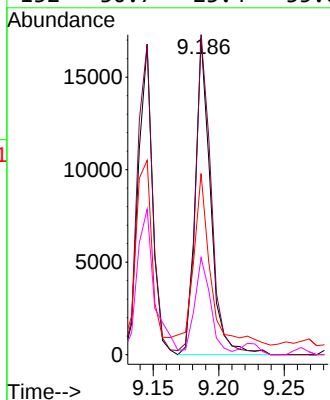
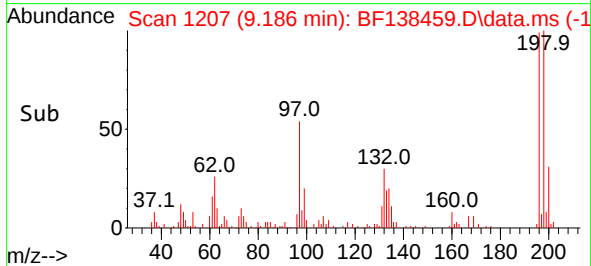
Tgt Ion:196 Resp: 1396
Ion Ratio Lower Upper
196 100
198 101.0 81.8 122.6
97 57.2 44.2 66.4
132 30.7 23.4 35.0

Manual Integrations

APPROVED

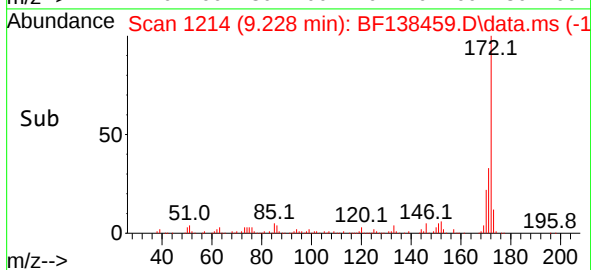
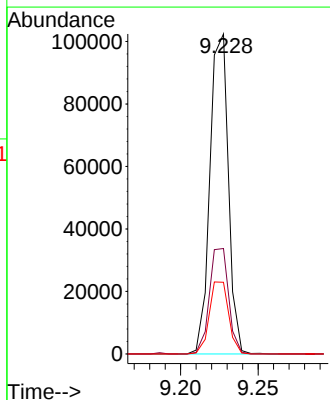
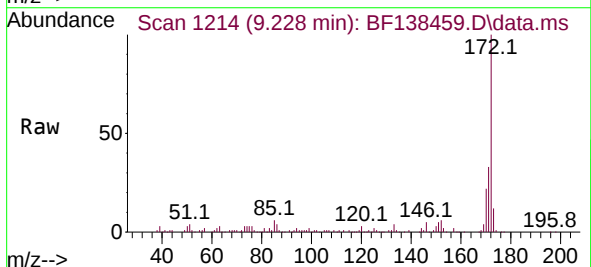
Reviewed By :Yogesh Patel 07/05/2024

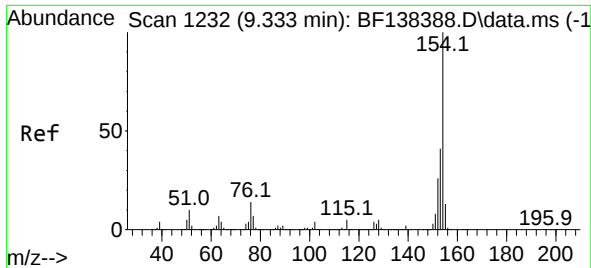
Supervised By :mohammad ahmed 07/05/2024



#45
2-Fluorobiphenyl
Concen: 9.828 ng
RT: 9.228 min Scan# 1214
Delta R.T. -0.005 min
Lab File: BF138459.D
Acq: 03 Jul 2024 21:34

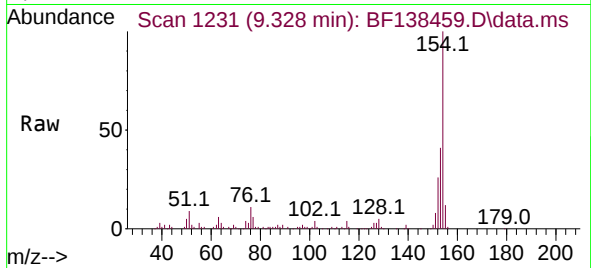
Tgt Ion:172 Resp: 84801
Ion Ratio Lower Upper
172 100
171 33.0 29.0 43.4
170 22.4 19.0 28.6





#46
1,1'-Biphenyl
Concen: 5.552 ng
RT: 9.328 min Scan# 1232
Delta R.T. -0.006 min
Lab File: BF138459.D
Acq: 03 Jul 2024 21:34

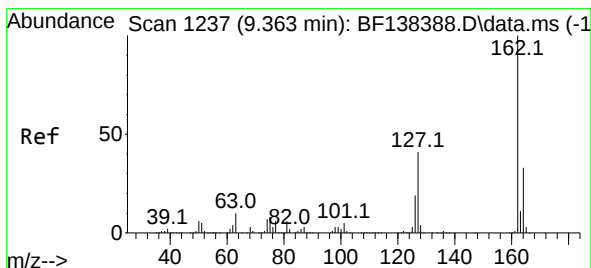
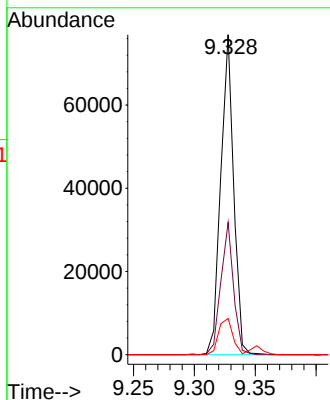
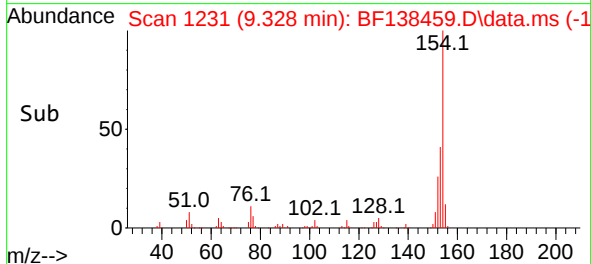
Instrument :
BNA_F
ClientSampleId :
EO-02-070224MSD



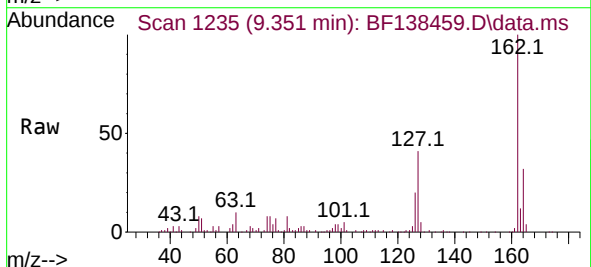
Tgt Ion:154 Resp: 56929
Ion Ratio Lower Upper
154 100
153 41.4 20.5 60.5
76 11.3 0.0 34.4

Manual Integrations
APPROVED

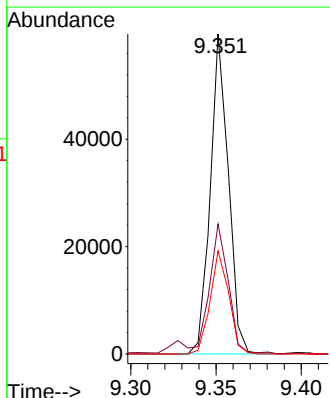
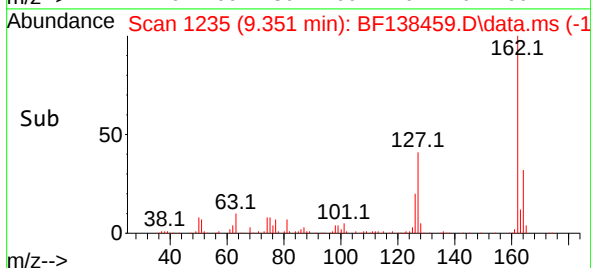
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024

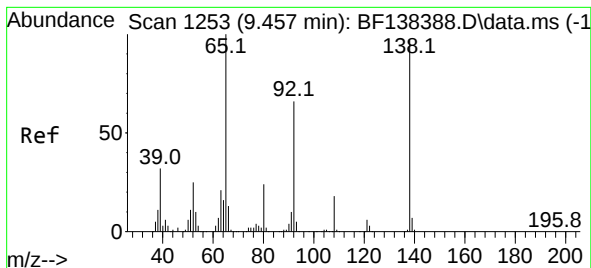


#47
2-Chloronaphthalene
Concen: 5.630 ng
RT: 9.351 min Scan# 1235
Delta R.T. -0.012 min
Lab File: BF138459.D
Acq: 03 Jul 2024 21:34



Tgt Ion:162 Resp: 44017
Ion Ratio Lower Upper
162 100
127 40.6 32.7 49.1
164 32.2 26.6 40.0





#48

2-Nitroaniline

Concen: 6.163 ng

RT: 9.445 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF138459.D

Acq: 03 Jul 2024 21:34

Instrument :

BNA_F

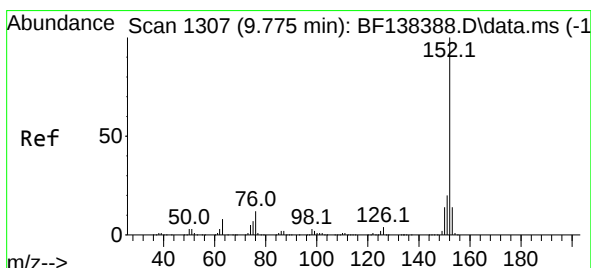
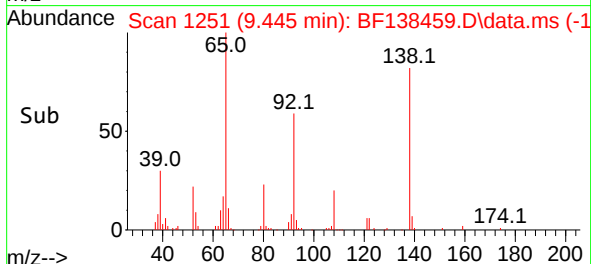
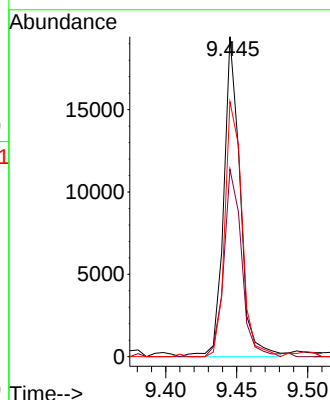
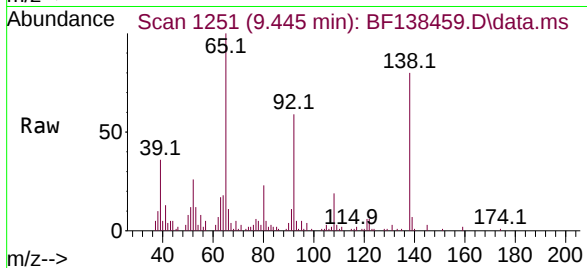
ClientSampleId :

EO-02-070224MSD

Tgt Ion: 65	Resp: 1554
Ion Ratio	Lower Upper
65	100
92	58.6 52.6 79.0
138	79.7 77.4 116.0

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#49

Acenaphthylene

Concen: 7.154 ng

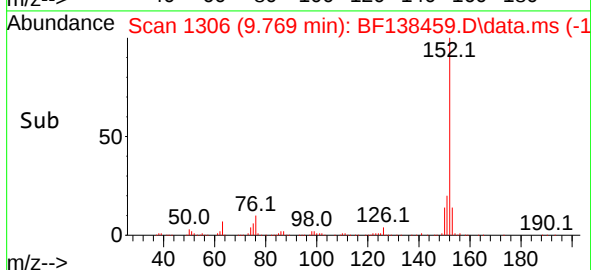
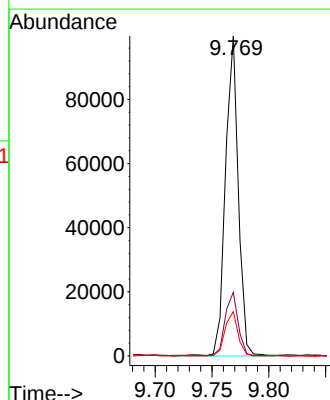
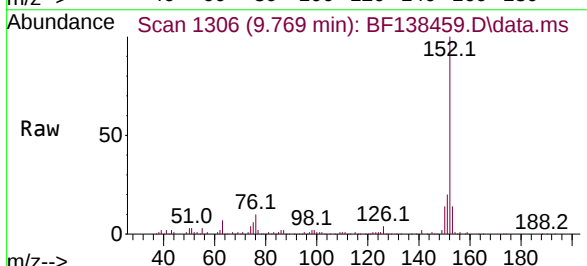
RT: 9.769 min Scan# 1306

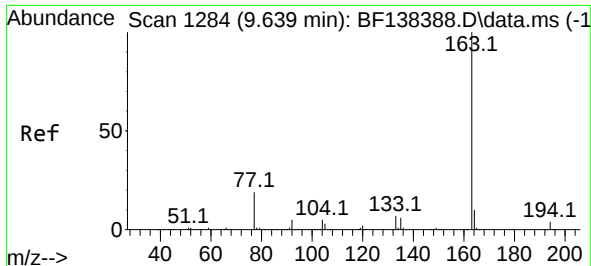
Delta R.T. -0.006 min

Lab File: BF138459.D

Acq: 03 Jul 2024 21:34

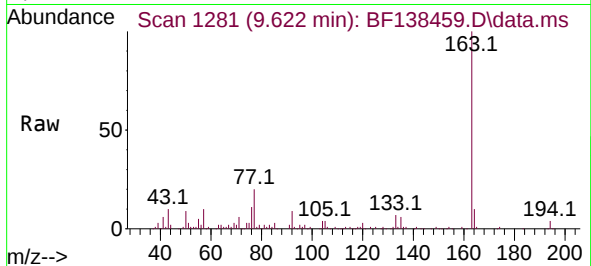
Tgt Ion:152	Resp: 78656
Ion Ratio	Lower Upper
152	100
151	19.9 16.2 24.4
153	13.8 11.4 17.2





#50
Dimethylphthalate
Concen: 5.922 ng
RT: 9.622 min Scan# 1281
Delta R.T. -0.018 min
Lab File: BF138459.D
Acq: 03 Jul 2024 21:34

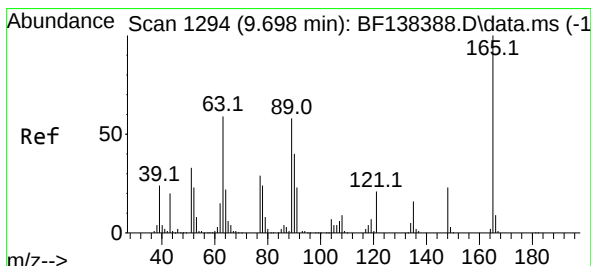
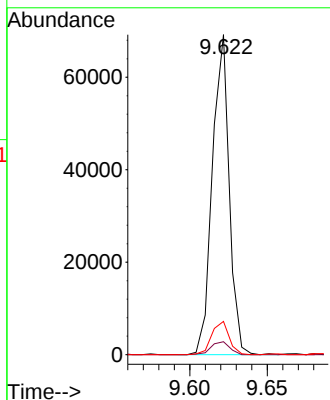
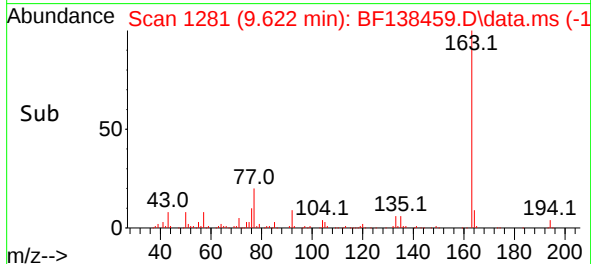
Instrument :
BNA_F
ClientSampleId :
EO-02-070224MSD



Tgt Ion:163 Resp: 5226
Ion Ratio Lower Upper
163 100
194 4.0 3.5 5.3
164 10.4 8.2 12.4

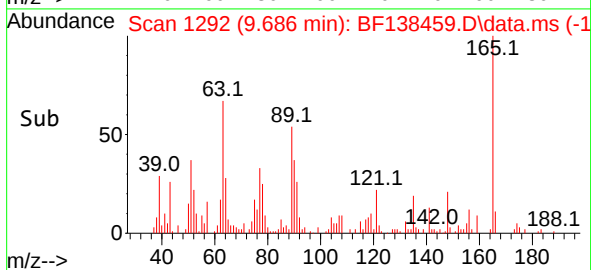
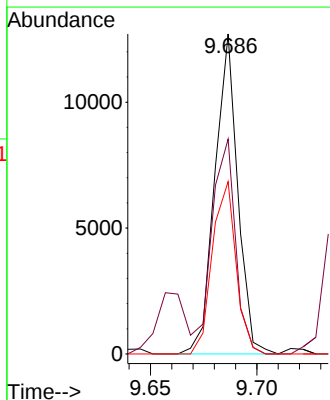
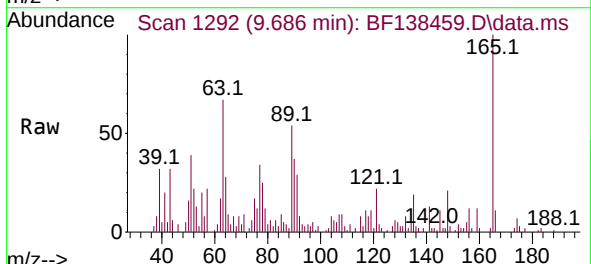
Manual Integrations
APPROVED

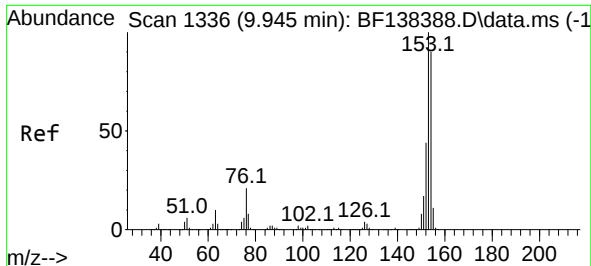
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#51
2,6-Dinitrotoluene
Concen: 4.803 ng
RT: 9.686 min Scan# 1292
Delta R.T. -0.012 min
Lab File: BF138459.D
Acq: 03 Jul 2024 21:34

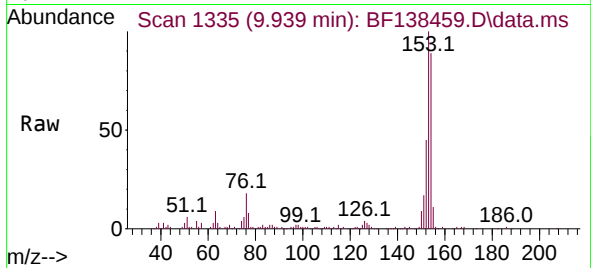
Tgt Ion:165 Resp: 9494
Ion Ratio Lower Upper
165 100
63 67.2 53.8 80.8
89 53.8 46.4 69.6





#52
Acenaphthene
Concen: 5.893 ng
RT: 9.939 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138459.D
Acq: 03 Jul 2024 21:34

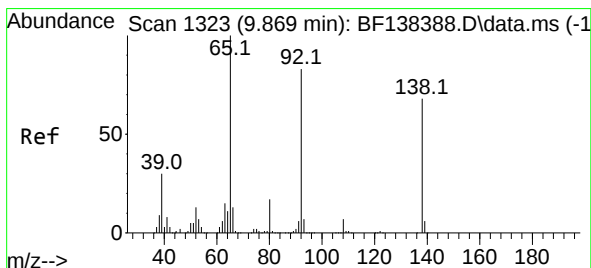
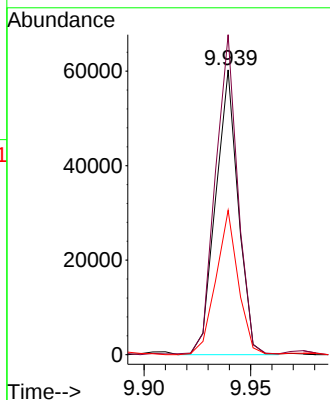
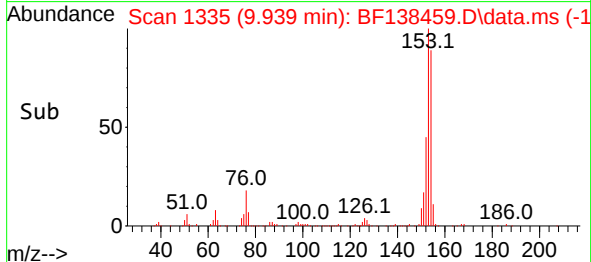
Instrument :
BNA_F
ClientSampleId :
EO-02-070224MSD



Tgt Ion:154 Resp: 44364
Ion Ratio Lower Upper
154 100
153 112.4 89.4 134.0
152 50.7 39.7 59.5

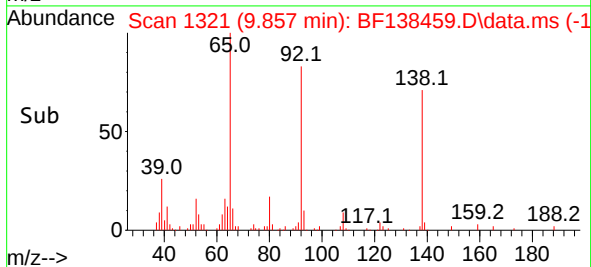
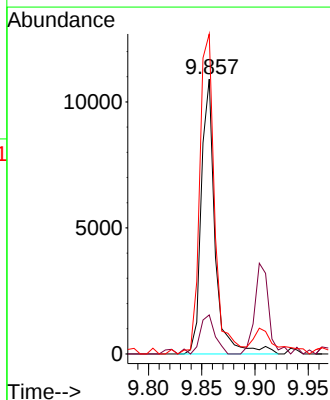
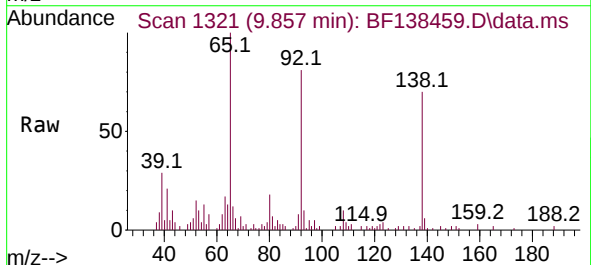
Manual Integrations
APPROVED

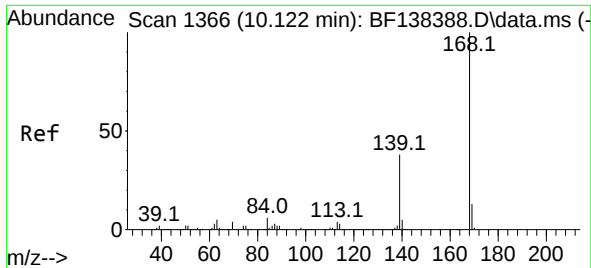
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#53
3-Nitroaniline
Concen: 5.054 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.012 min
Lab File: BF138459.D
Acq: 03 Jul 2024 21:34

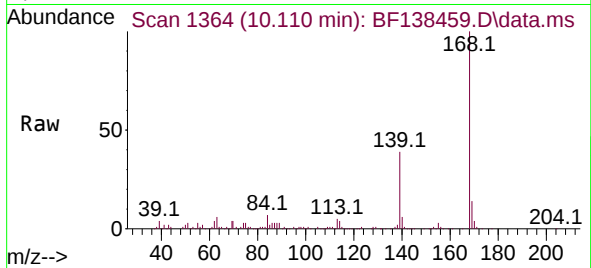
Tgt Ion:138 Resp: 9867
Ion Ratio Lower Upper
138 100
108 14.2 8.6 12.8#
92 116.4 97.3 145.9





#55
Dibenzenofuran
Concen: 6.607 ng
RT: 10.110 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF138459.D
Acq: 03 Jul 2024 21:34

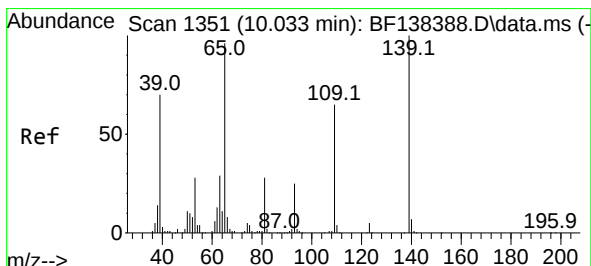
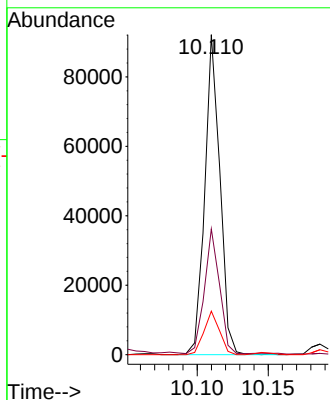
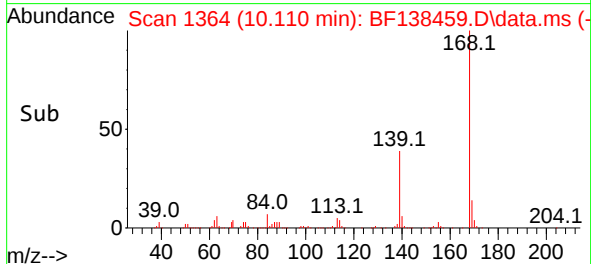
Instrument :
BNA_F
ClientSampleId :
EO-02-070224MSD



Tgt Ion:168 Resp: 6853
Ion Ratio Lower Upper
168 100
139 39.3 30.4 45.6
169 13.6 10.7 16.1

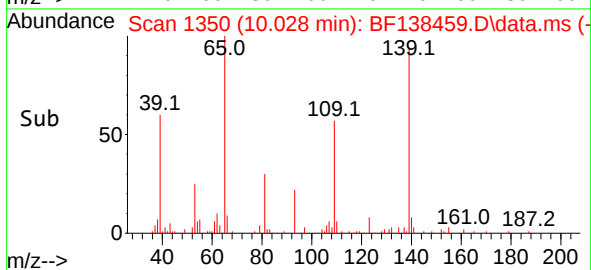
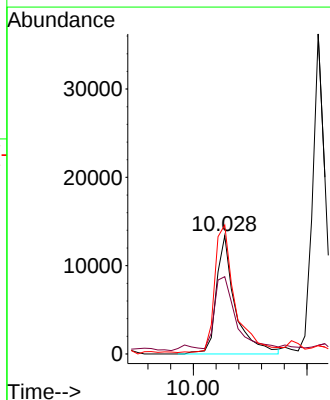
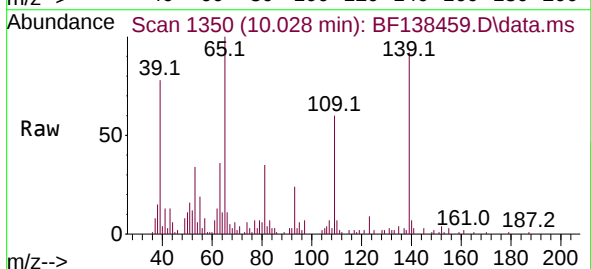
Manual Integrations
APPROVED

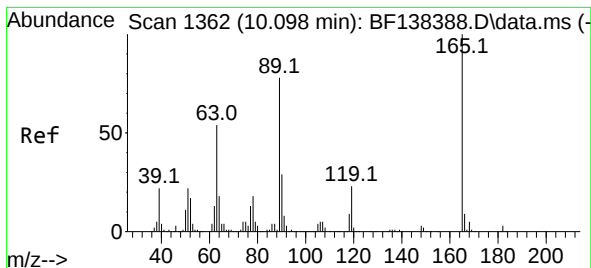
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#56
4-Nitrophenol
Concen: 12.163 ng
RT: 10.028 min Scan# 1350
Delta R.T. -0.005 min
Lab File: BF138459.D
Acq: 03 Jul 2024 21:34

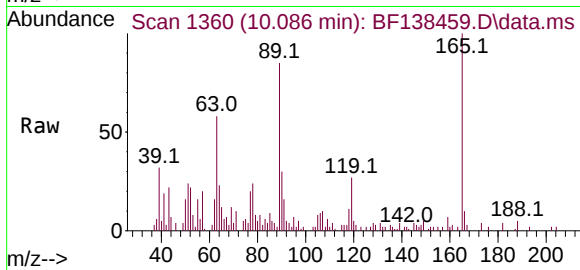
Tgt Ion:139 Resp: 15395
Ion Ratio Lower Upper
139 100
109 65.4 44.6 84.6
65 109.1 75.9 115.9





#57
2,4-Dinitrotoluene
Concen: 4.840 ng
RT: 10.086 min Scan# 11779
Delta R.T. -0.012 min
Lab File: BF138459.D
Acq: 03 Jul 2024 21:34

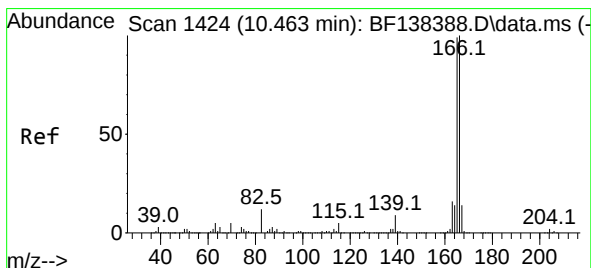
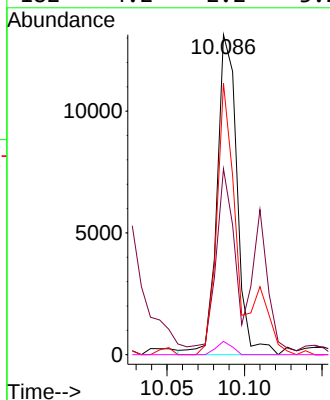
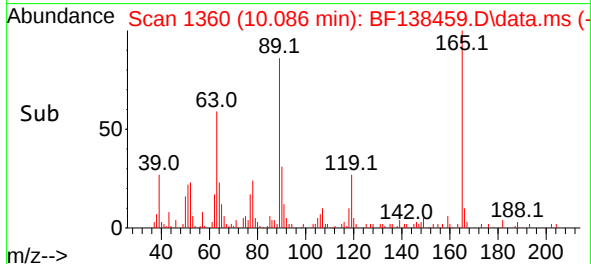
Instrument :
BNA_F
ClientSampleId :
EO-02-070224MSD



Tgt Ion:165 Resp: 11779
Ion Ratio Lower Upper
165 100
63 58.1 43.4 65.2
89 84.8 62.6 93.8
182 4.2 2.2 3.2#

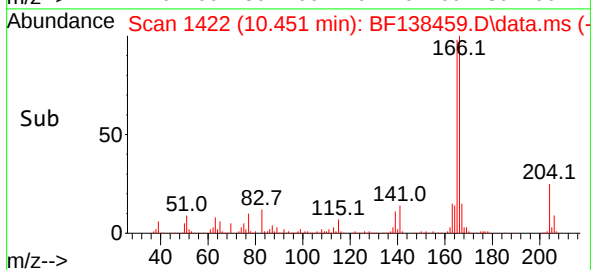
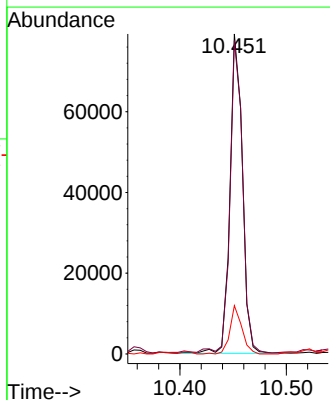
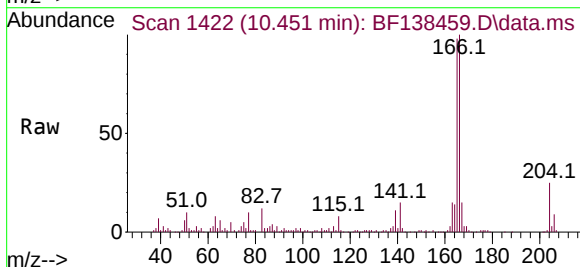
Manual Integrations
APPROVED

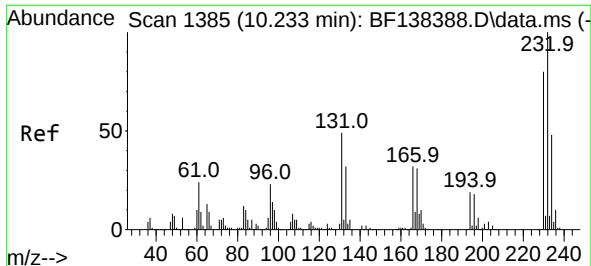
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#58
Fluorene
Concen: 7.780 ng
RT: 10.451 min Scan# 1422
Delta R.T. -0.012 min
Lab File: BF138459.D
Acq: 03 Jul 2024 21:34

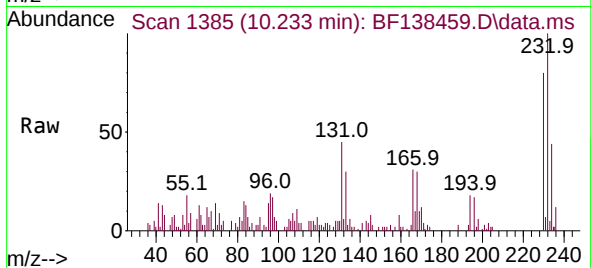
Tgt Ion:166 Resp: 64122
Ion Ratio Lower Upper
166 100
165 97.9 79.0 118.6
167 15.1 10.8 16.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 5.932 ng
RT: 10.233 min Scan# 1158
Delta R.T. 0.000 min
Lab File: BF138459.D
Acq: 03 Jul 2024 21:34

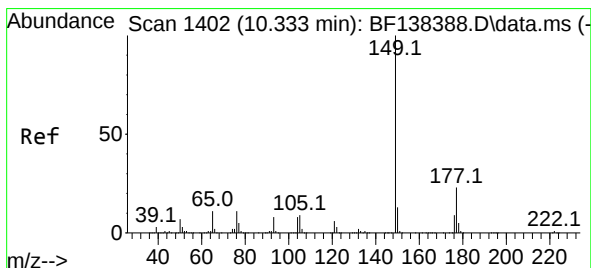
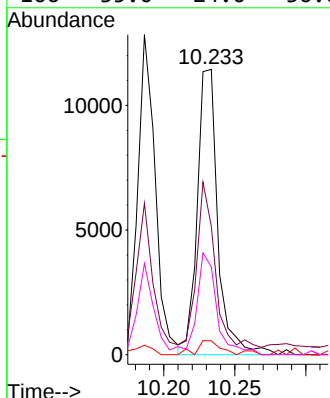
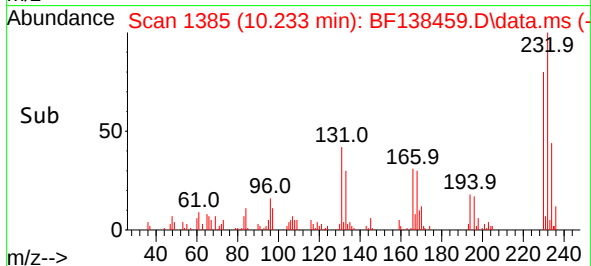
Instrument :
BNA_F
ClientSampleId :
EO-02-070224MSD



Tgt Ion:232 Resp: 1158
Ion Ratio Lower Upper
232 100
131 50.6 36.6 55.0
130 5.5 1.8 2.8
166 35.0 24.0 36.0

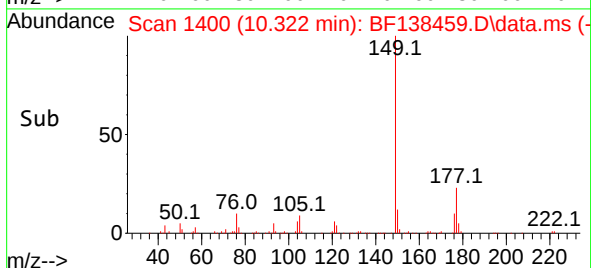
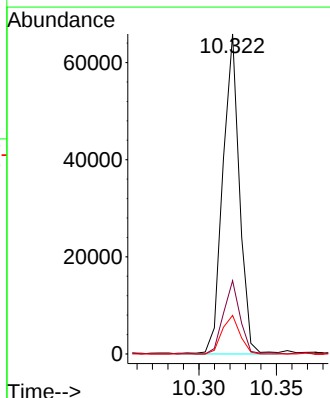
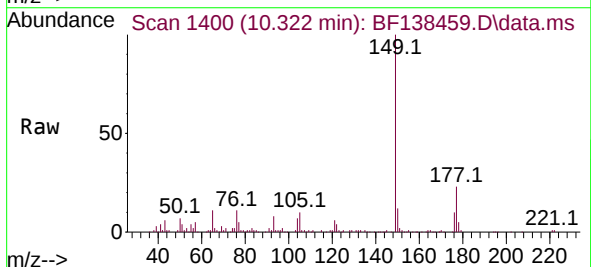
Manual Integrations
APPROVED

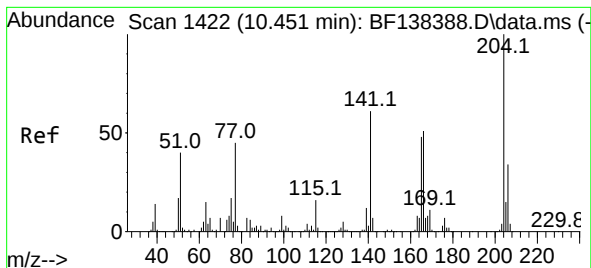
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#60
Diethylphthalate
Concen: 5.967 ng
RT: 10.322 min Scan# 1400
Delta R.T. -0.012 min
Lab File: BF138459.D
Acq: 03 Jul 2024 21:34

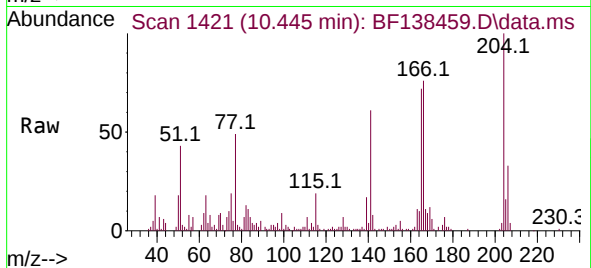
Tgt Ion:149 Resp: 49233
Ion Ratio Lower Upper
149 100
177 22.9 18.4 27.6
150 12.1 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 5.634 ng
RT: 10.445 min Scan# 1421
Delta R.T. -0.006 min
Lab File: BF138459.D
Acq: 03 Jul 2024 21:34

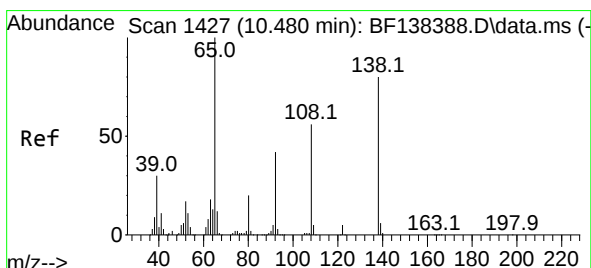
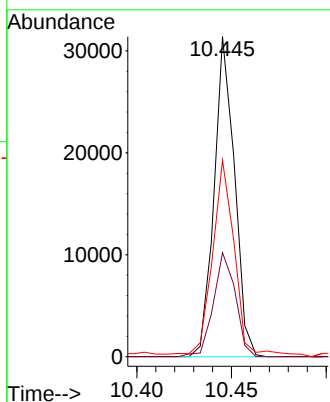
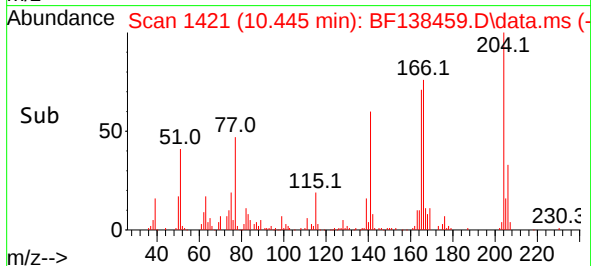
Instrument :
BNA_F
ClientSampleId :
EO-02-070224MSD



Tgt Ion:204 Resp: 23560
Ion Ratio Lower Upper
204 100
206 32.5 27.1 40.7
141 61.4 48.4 72.6

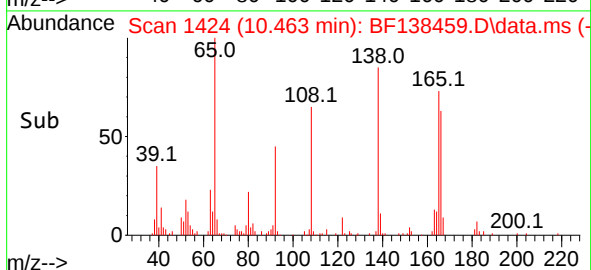
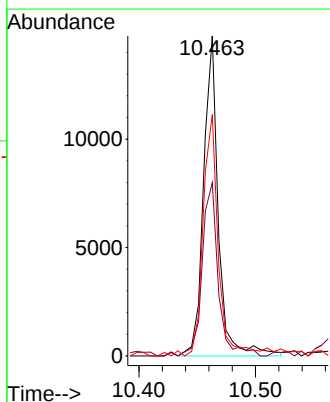
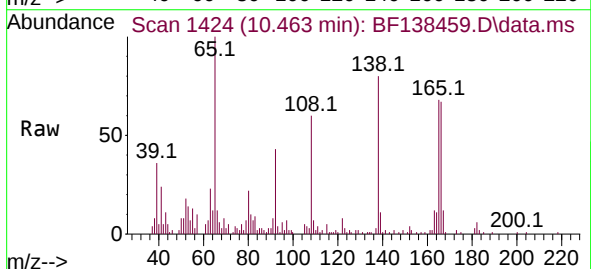
Manual Integrations
APPROVED

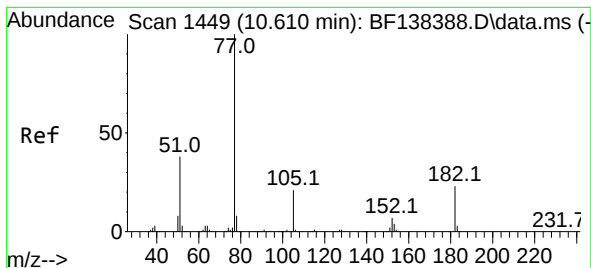
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#62
4-Nitroaniline
Concen: 7.305 ng m
RT: 10.463 min Scan# 1424
Delta R.T. -0.018 min
Lab File: BF138459.D
Acq: 03 Jul 2024 21:34

Tgt Ion:138 Resp: 13090
Ion Ratio Lower Upper
138 100
92 54.1 32.6 72.6
108 75.5 50.3 90.3





#63

Azobenzene

Concen: 5.853 ng

RT: 10.604 min Scan# 1448

Delta R.T. -0.006 min

Lab File: BF138459.D

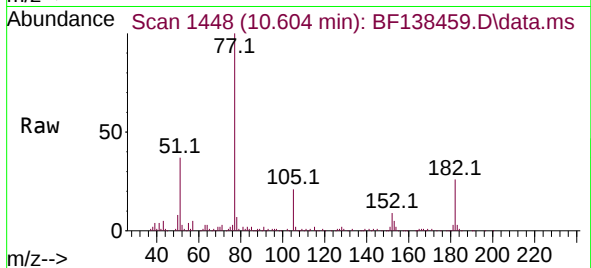
Acq: 03 Jul 2024 21:34

Instrument :

BNA_F

ClientSampleId :

EO-02-070224MSD



Tgt Ion: 77 Resp: 51000

Ion Ratio Lower Upper

77 100

182 25.9 2.7 42.7

105 20.8 0.6 40.6

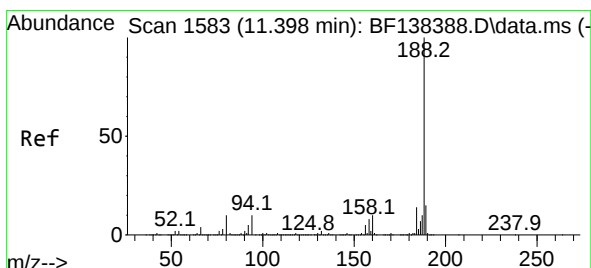
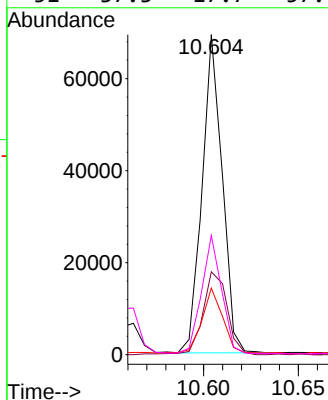
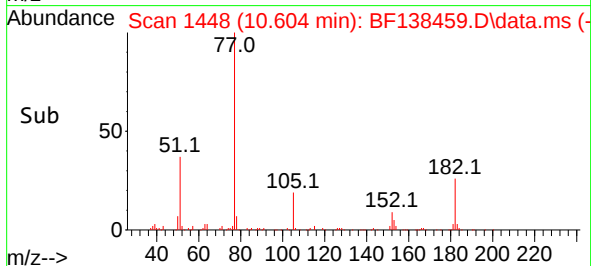
51 37.3 17.7 57.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/05/2024

Supervised By :mohammad ahmed 07/05/2024



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.392 min Scan# 1582

Delta R.T. -0.006 min

Lab File: BF138459.D

Acq: 03 Jul 2024 21:34

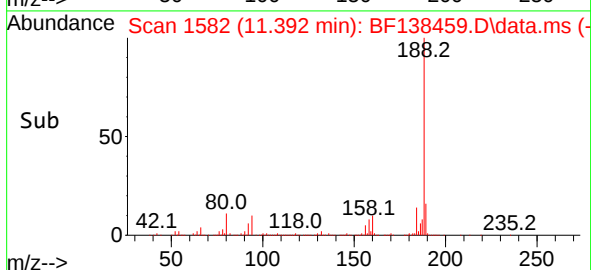
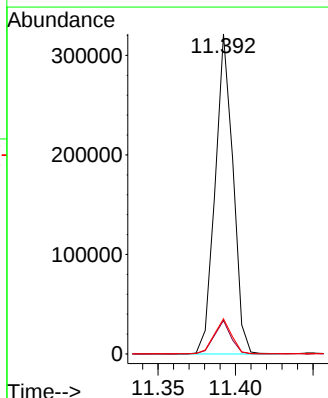
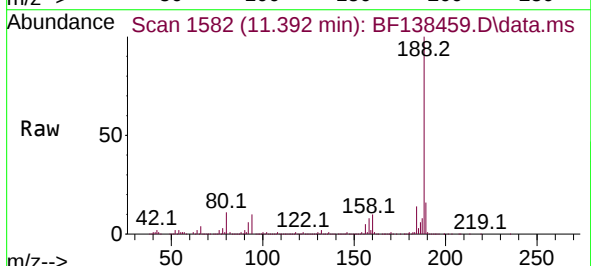
Tgt Ion:188 Resp: 258210

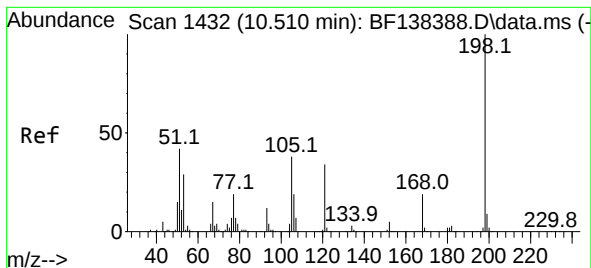
Ion Ratio Lower Upper

188 100

94 10.4 8.0 12.0

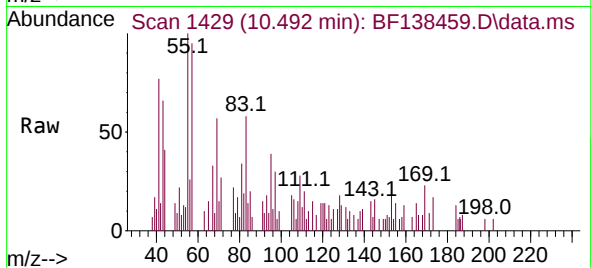
80 11.0 8.2 12.4





#65
4,6-Dinitro-2-methylphenol
Concen: 5.870 ng m
RT: 10.492 min Scan# 1432
Delta R.T. -0.018 min
Lab File: BF138459.D
Acq: 03 Jul 2024 21:34

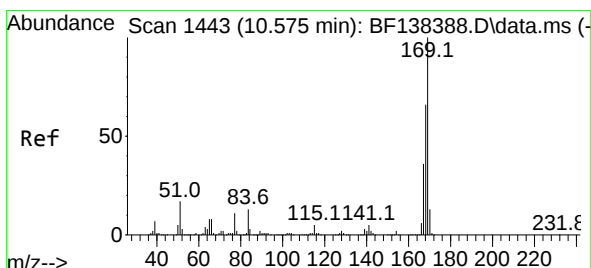
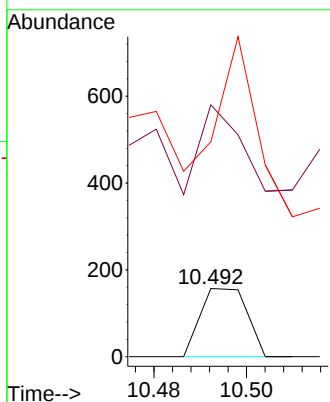
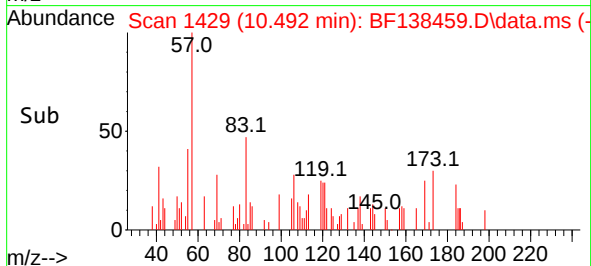
Instrument :
BNA_F
ClientSampleId :
EO-02-070224MSD



Tgt Ion:198 Resp: 110
Ion Ratio Lower Upper
198 100
51 369.4 27.9 67.9
105 315.3 18.2 58.2

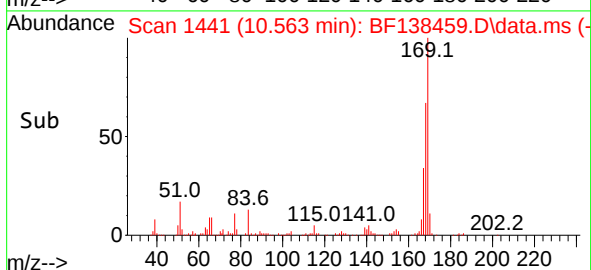
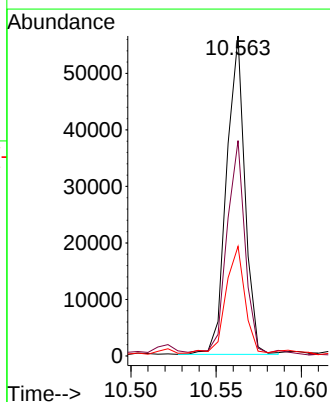
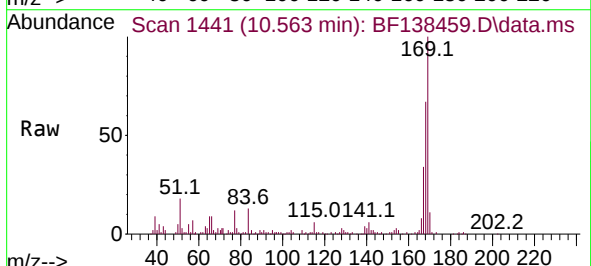
Manual Integrations
APPROVED

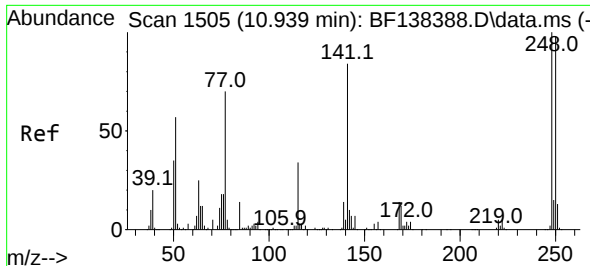
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#66
n-Nitrosodiphenylamine
Concen: 5.277 ng
RT: 10.563 min Scan# 1441
Delta R.T. -0.012 min
Lab File: BF138459.D
Acq: 03 Jul 2024 21:34

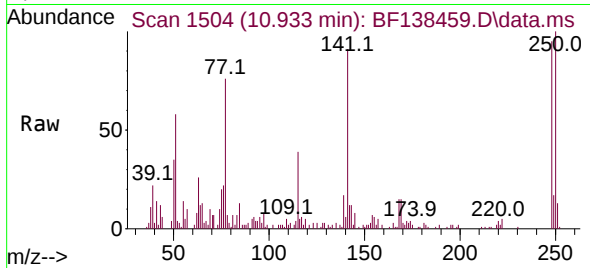
Tgt Ion:169 Resp: 42298
Ion Ratio Lower Upper
169 100
168 67.3 52.5 78.7
167 34.2 28.8 43.2





#67
4-Bromophenyl-phenylether
Concen: 4.836 ng
RT: 10.933 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BF138459.D
Acq: 03 Jul 2024 21:34

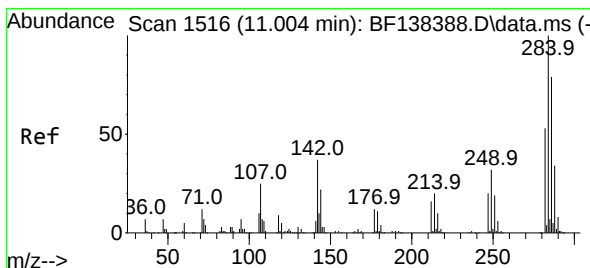
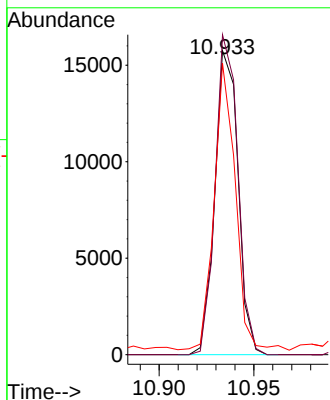
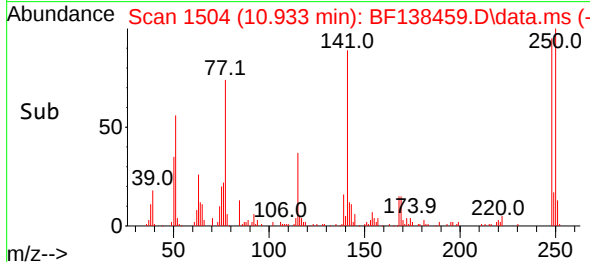
Instrument :
BNA_F
ClientSampleId :
EO-02-070224MSD



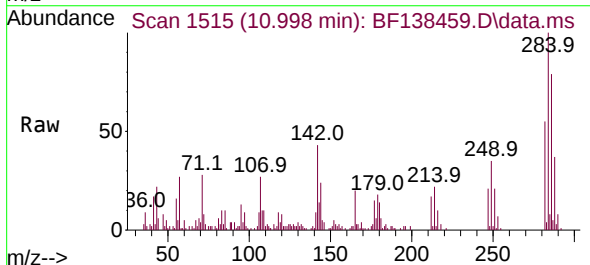
Tgt Ion:248 Resp: 1342
Ion Ratio Lower Upper
248 100
250 105.2 78.2 117.4
141 95.8 67.6 101.4

Manual Integrations
APPROVED

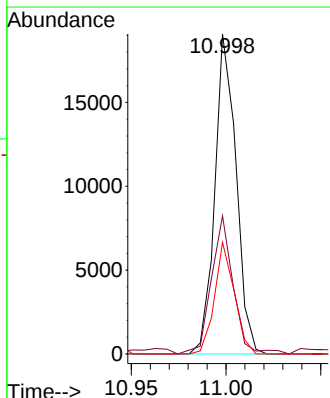
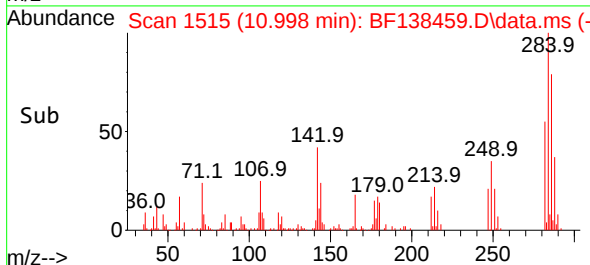
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024

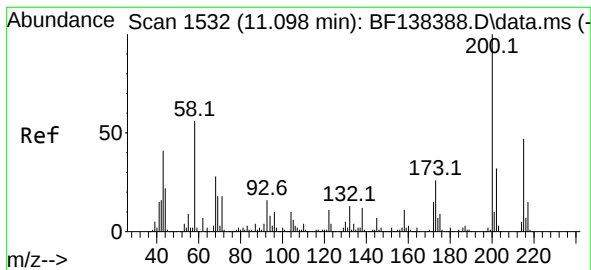


#68
Hexachlorobenzene
Concen: 4.869 ng
RT: 10.998 min Scan# 1515
Delta R.T. -0.006 min
Lab File: BF138459.D
Acq: 03 Jul 2024 21:34



Tgt Ion:284 Resp: 14895
Ion Ratio Lower Upper
284 100
142 43.1 29.2 43.8
249 34.9 25.8 38.6





#69

Atrazine

Concen: 6.264 ng

RT: 11.086 min Scan# 1530

Delta R.T. -0.012 min

Lab File: BF138459.D

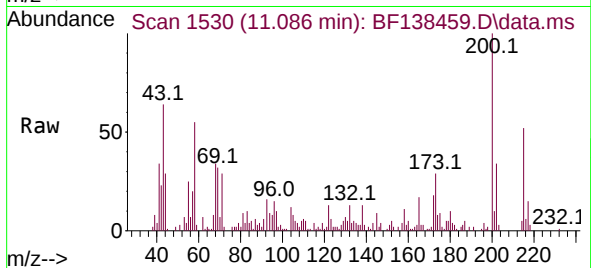
Acq: 03 Jul 2024 21:34

Instrument :

BNA_F

ClientSampleId :

EO-02-070224MSD



Tgt Ion:200 Resp: 14078

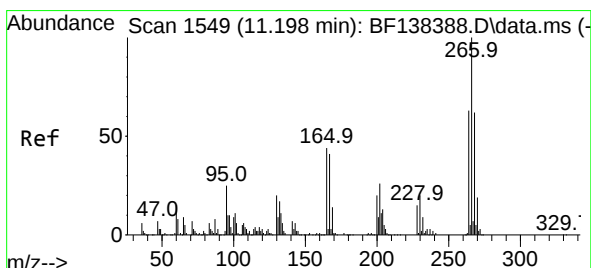
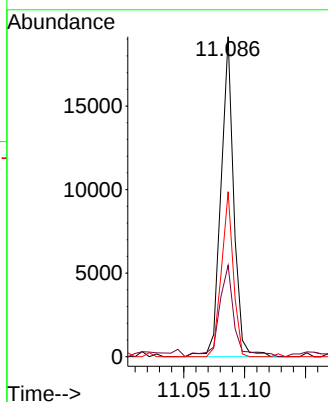
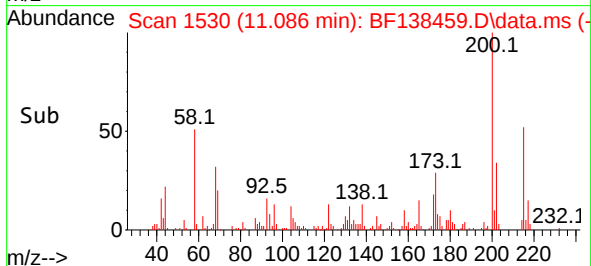
Ion	Ratio	Lower	Upper
200	100		
173	28.6	6.2	46.2
215	51.5	27.4	67.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/05/2024

Supervised By :mohammad ahmed 07/05/2024



#70

Pentachlorophenol

Concen: 9.209 ng

RT: 11.198 min Scan# 1549

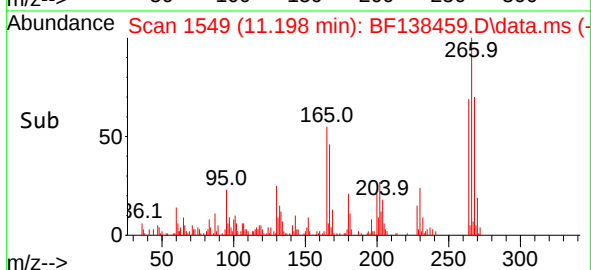
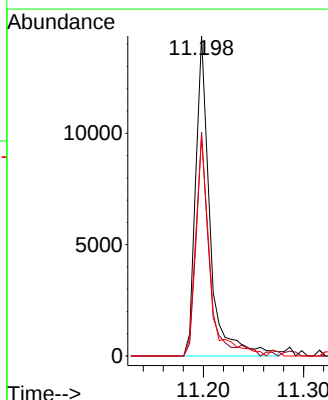
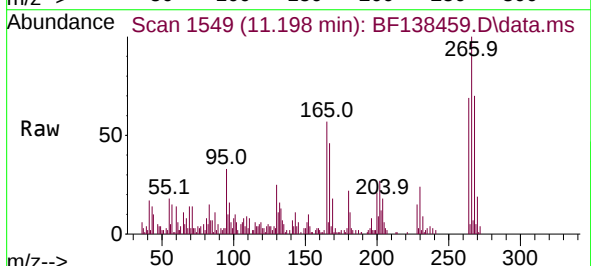
Delta R.T. 0.000 min

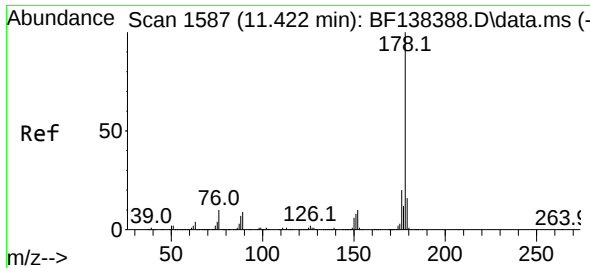
Lab File: BF138459.D

Acq: 03 Jul 2024 21:34

Tgt Ion:266 Resp: 14298

Ion	Ratio	Lower	Upper
266	100		
268	69.8	49.9	74.9
264	68.6	50.0	75.0





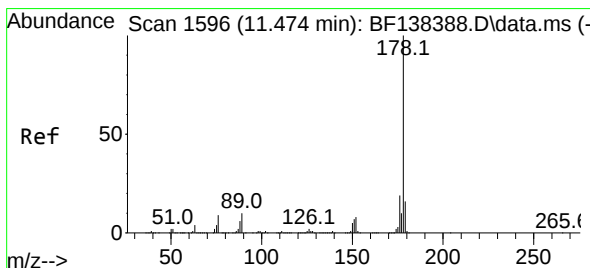
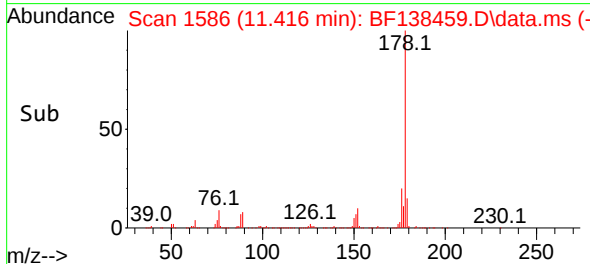
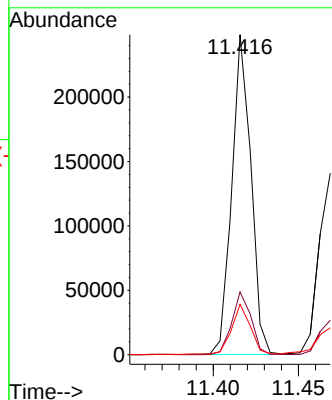
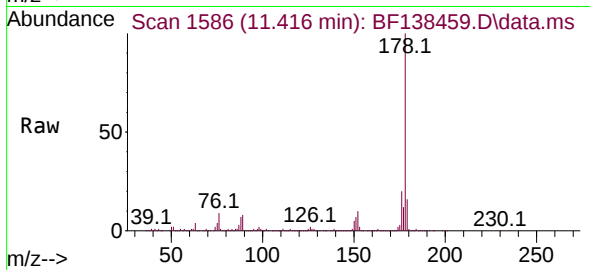
#71
Phenanthrene
Concen: 15.335 ng
RT: 11.416 min Scan# 1586
Delta R.T. -0.006 min
Lab File: BF138459.D
Acq: 03 Jul 2024 21:34

Instrument :
BNA_F
ClientSampleId :
EO-02-070224MSD

Tgt Ion:178 Resp: 193320
Ion Ratio Lower Upper
178 100
176 19.6 16.1 24.1
179 15.8 12.6 18.8

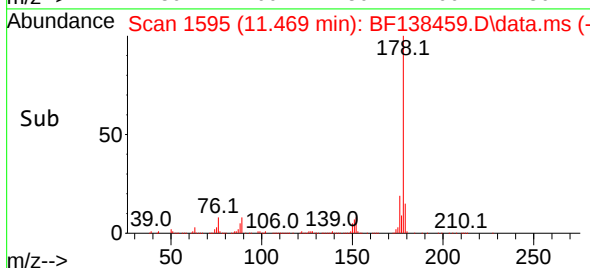
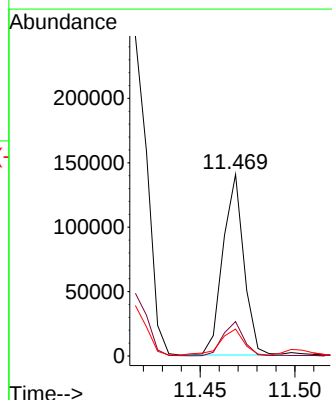
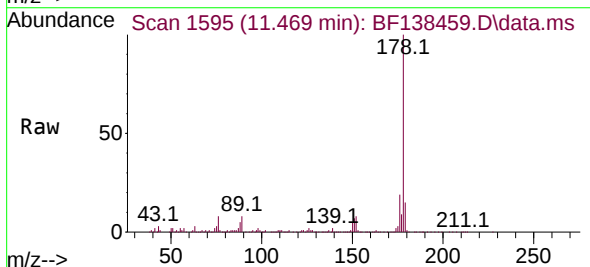
Manual Integrations
APPROVED

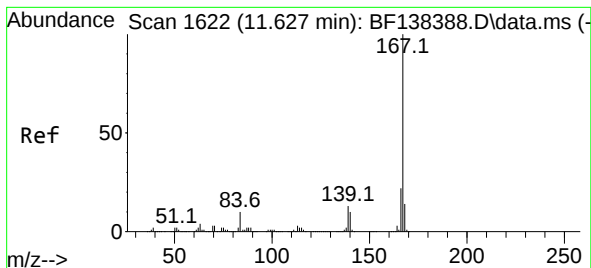
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#72
Anthracene
Concen: 8.580 ng
RT: 11.469 min Scan# 1595
Delta R.T. -0.005 min
Lab File: BF138459.D
Acq: 03 Jul 2024 21:34

Tgt Ion:178 Resp: 107874
Ion Ratio Lower Upper
178 100
176 18.9 15.0 22.6
179 14.8 12.7 19.1





#73

Carbazole

Concen: 7.642 ng

RT: 11.622 min Scan# 1622

Delta R.T. -0.006 min

Lab File: BF138459.D

Acq: 03 Jul 2024 21:34

Instrument :

BNA_F

ClientSampleId :

EO-02-070224MSD

Tgt Ion:167 Resp: 79760

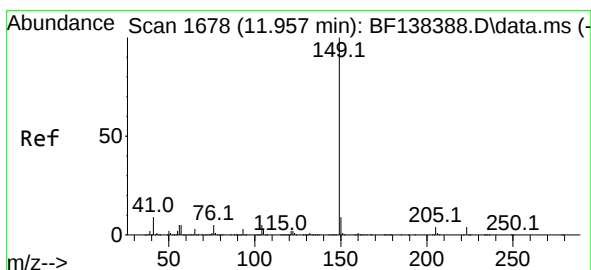
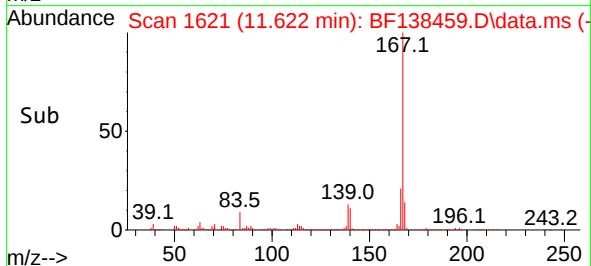
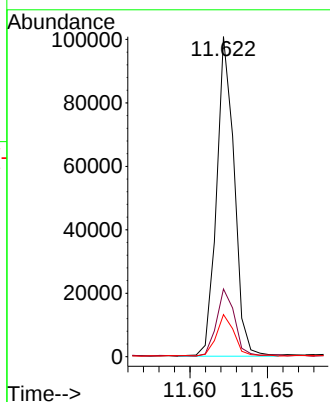
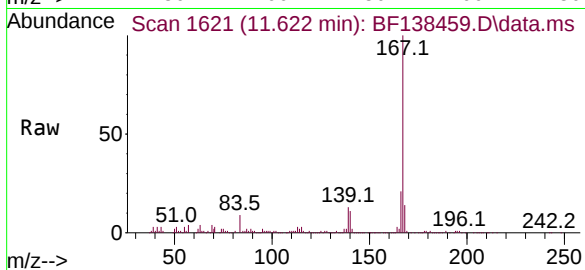
Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.7	26.5
139	13.2	10.7	16.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/05/2024

Supervised By :mohammad ahmed 07/05/2024



#74

Di-n-butylphthalate

Concen: 6.425 ng

RT: 11.951 min Scan# 1677

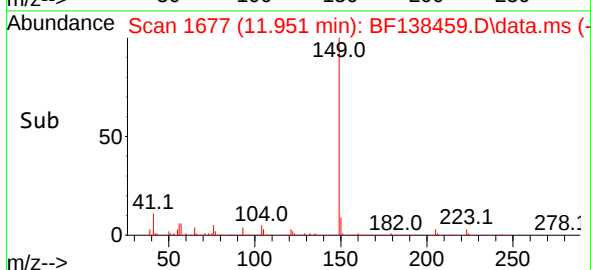
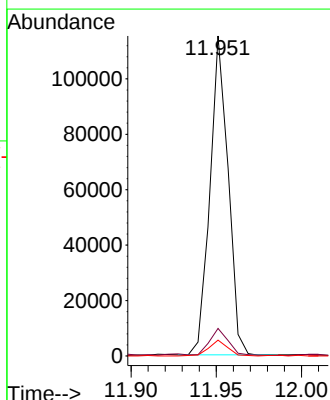
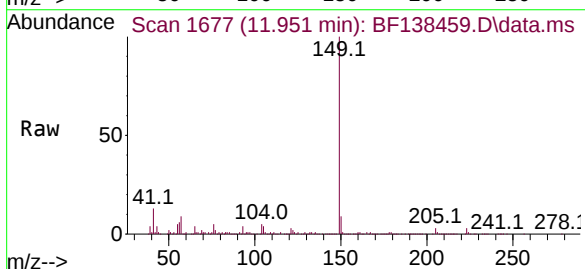
Delta R.T. -0.006 min

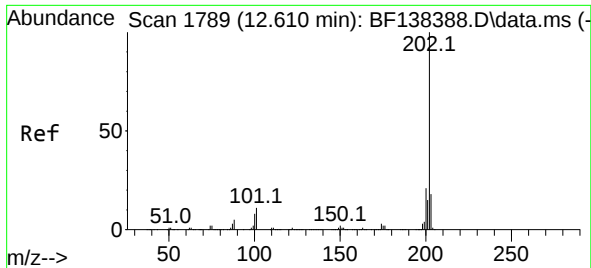
Lab File: BF138459.D

Acq: 03 Jul 2024 21:34

Tgt Ion:149 Resp: 84984

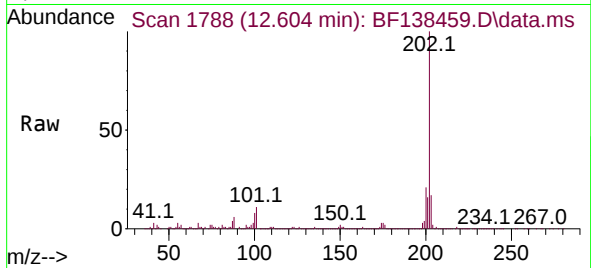
Ion	Ratio	Lower	Upper
149	100		
150	8.6	7.4	11.2
104	5.0	3.8	5.8





#75
Fluoranthene
Concen: 22.971 ng
RT: 12.604 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138459.D
Acq: 03 Jul 2024 21:34

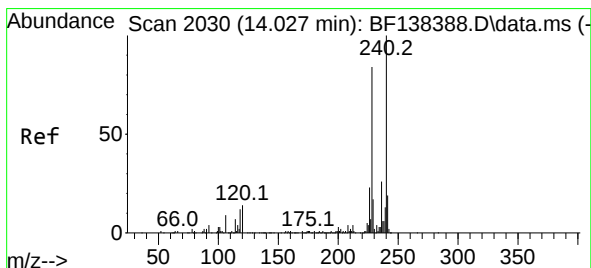
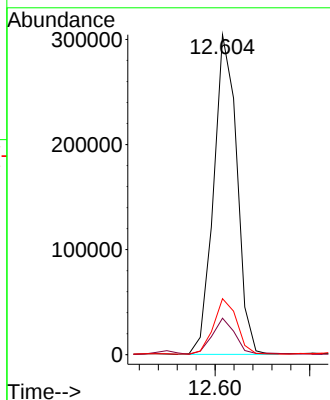
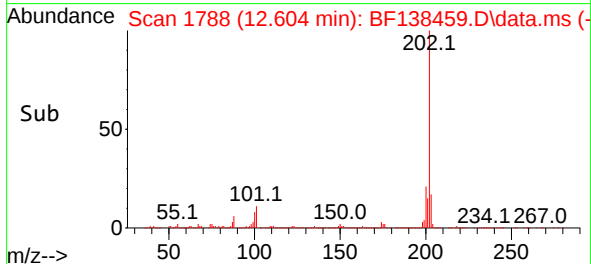
Instrument :
BNA_F
ClientSampleId :
EO-02-070224MSD



Tgt Ion:202 Resp: 259630
Ion Ratio Lower Upper
202 100
101 11.4 0.0 30.5
203 17.5 0.0 37.6

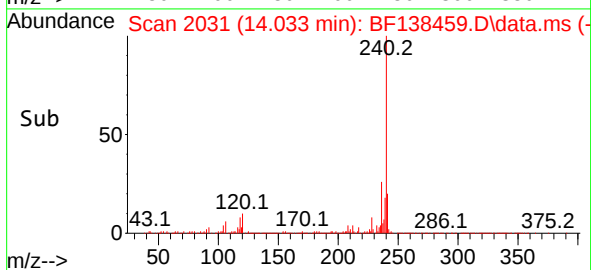
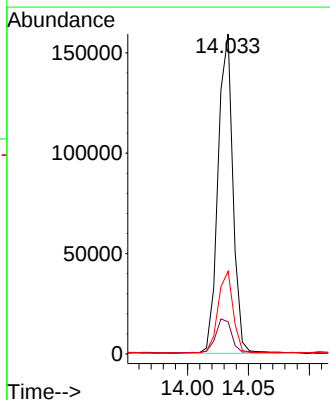
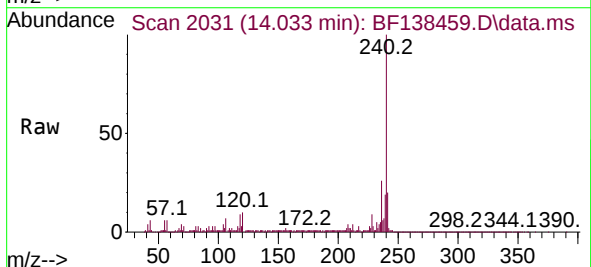
Manual Integrations
APPROVED

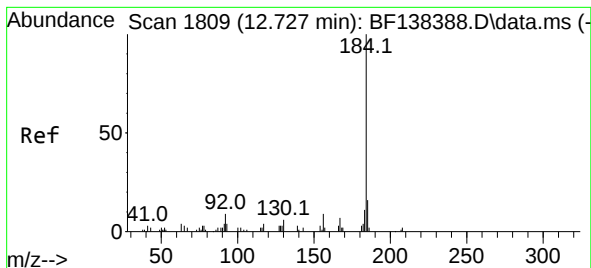
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2031
Delta R.T. 0.006 min
Lab File: BF138459.D
Acq: 03 Jul 2024 21:34

Tgt Ion:240 Resp: 135590
Ion Ratio Lower Upper
240 100
120 10.1 10.9 16.3#
236 25.8 20.6 30.8





#77

Benzidine

Concen: 11.986 ng

RT: 12.727 min Scan# 1809

Delta R.T. 0.000 min

Lab File: BF138459.D

Acq: 03 Jul 2024 21:34

Instrument :

BNA_F

ClientSampleId :

EO-02-070224MSD

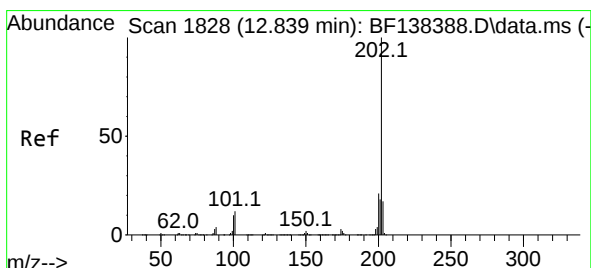
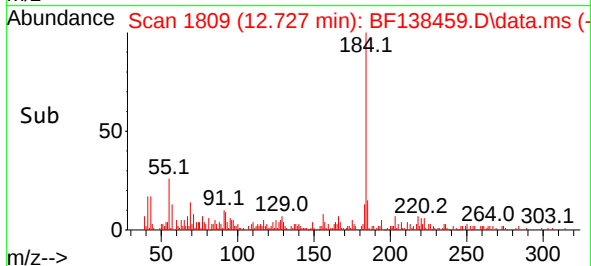
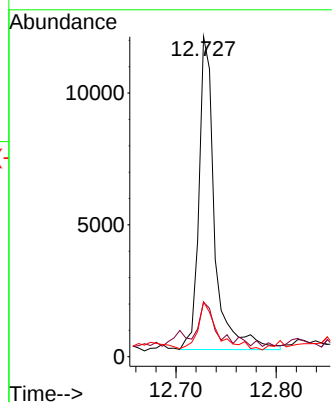
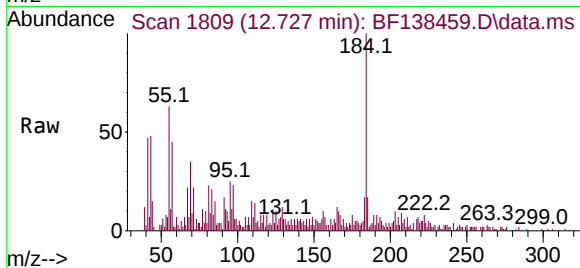
Tgt Ion:	184	Resp:	12990
Ion Ratio	Lower	Upper	
184	100		
185	17.1	13.0	19.4
183	17.2	9.0	13.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/05/2024

Supervised By :mohammad ahmed 07/05/2024



#78

Pyrene

Concen: 17.144 ng

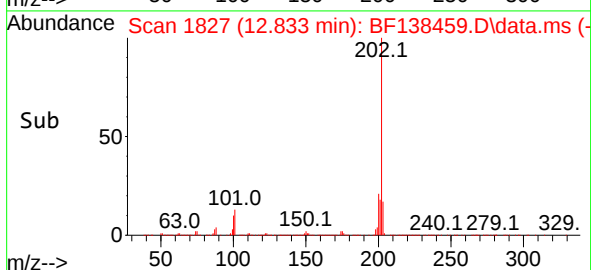
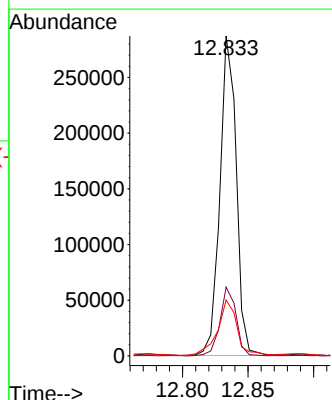
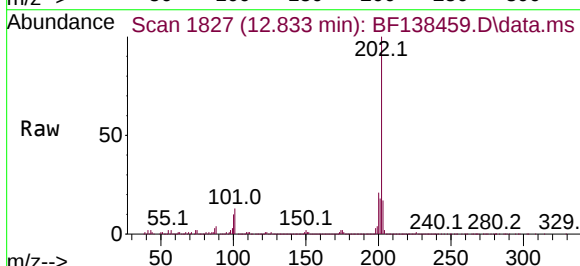
RT: 12.833 min Scan# 1827

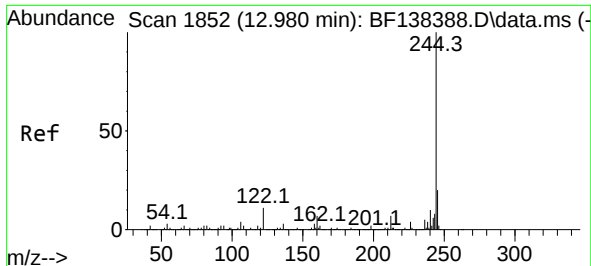
Delta R.T. -0.006 min

Lab File: BF138459.D

Acq: 03 Jul 2024 21:34

Tgt Ion:	202	Resp:	248441
Ion Ratio	Lower	Upper	
202	100		
200	21.5	16.9	25.3
203	17.5	13.8	20.8





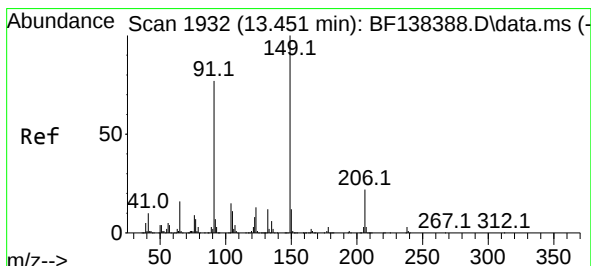
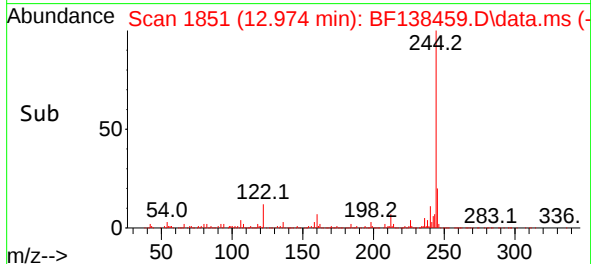
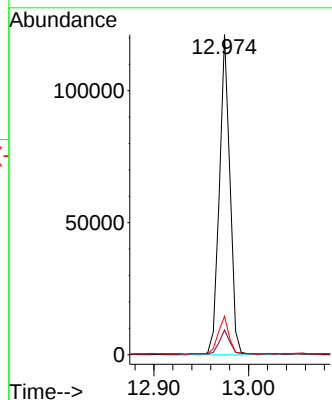
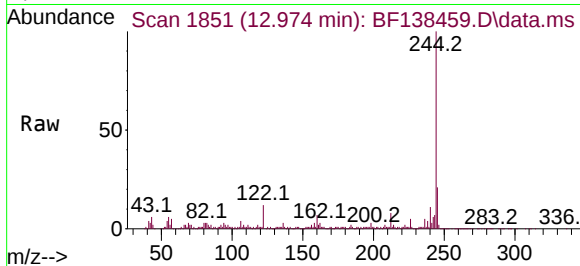
#79
Terphenyl-d14
Concen: 9.549 ng
RT: 12.974 min Scan# 1852
Delta R.T. -0.006 min
Lab File: BF138459.D
Acq: 03 Jul 2024 21:34

Instrument :
BNA_F
ClientSampleId :
EO-02-070224MSD

Tgt Ion:244 Resp: 9448
Ion Ratio Lower Upper
244 100
212 7.7 5.6 8.4
122 12.0 9.0 13.4

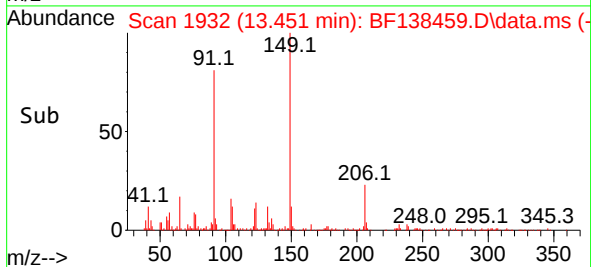
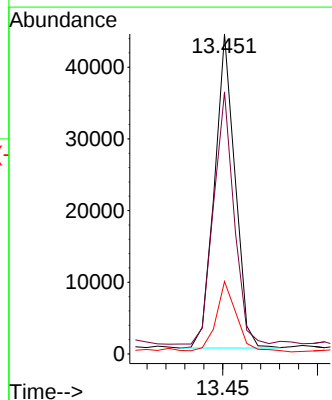
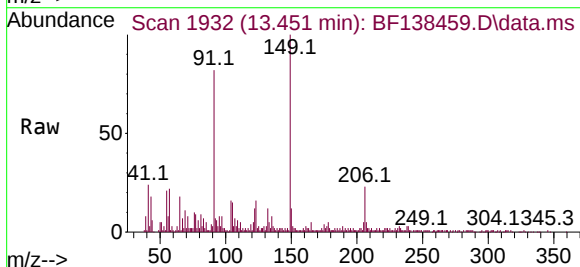
Manual Integrations
APPROVED

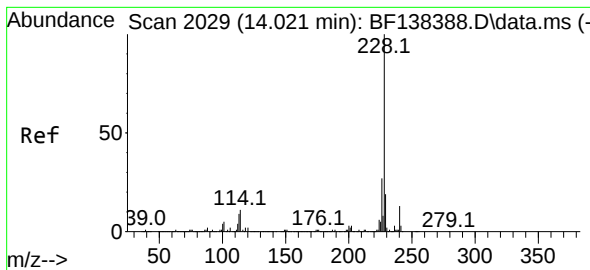
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#80
Butylbenzylphthalate
Concen: 7.536 ng
RT: 13.451 min Scan# 1932
Delta R.T. 0.000 min
Lab File: BF138459.D
Acq: 03 Jul 2024 21:34

Tgt Ion:149 Resp: 33230
Ion Ratio Lower Upper
149 100
91 81.9 62.0 93.0
206 22.7 17.6 26.4





#81
Benzo(a)anthracene
Concen: 12.524 ng
RT: 14.021 min Scan# 2029
Delta R.T. 0.000 min
Lab File: BF138459.D
Acq: 03 Jul 2024 21:34

Instrument :

BNA_F

ClientSampleId :

EO-02-070224MSD

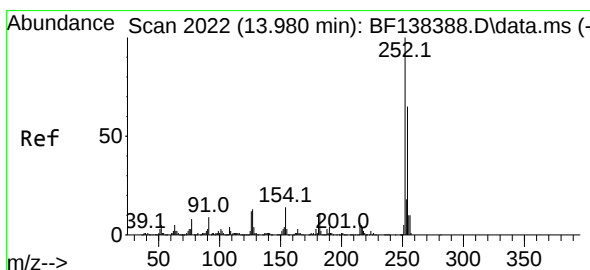
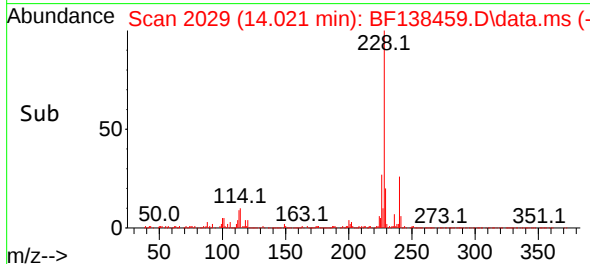
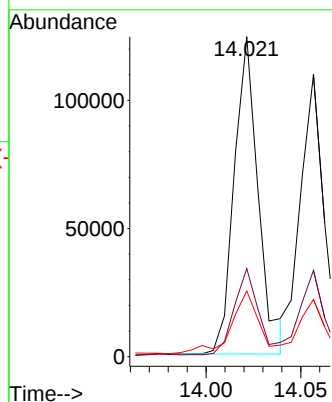
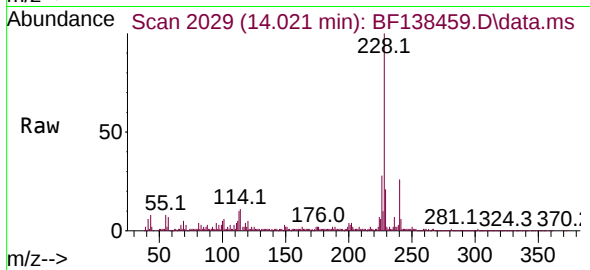
Tgt Ion:228 Resp: 109290
Ion Ratio Lower Upper
228 100
226 27.6 21.7 32.5
229 20.5 15.5 23.3

Manual Integrations

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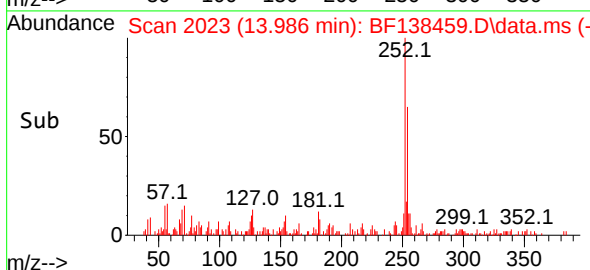
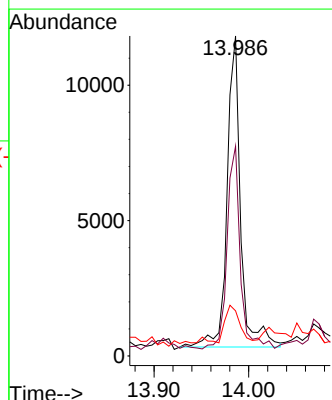
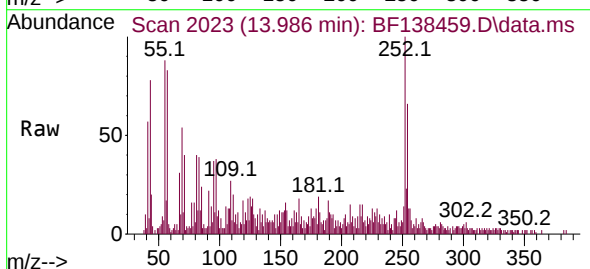
Reviewed By :Yogesh Patel 07/05/2024

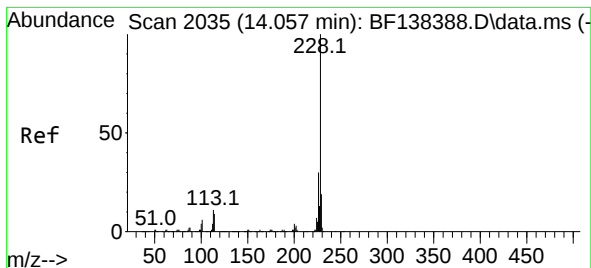
Supervised By :mohammad ahmed 07/05/2024



#82
3,3'-Dichlorobenzidine
Concen: 4.441 ng
RT: 13.986 min Scan# 2023
Delta R.T. 0.006 min
Lab File: BF138459.D
Acq: 03 Jul 2024 21:34

Tgt Ion:252 Resp: 11444
Ion Ratio Lower Upper
252 100
254 65.5 51.8 77.6
126 14.1 9.5 14.3





#83

Chrysene

Concen: 10.996 ng

RT: 14.057 min Scan# 2035

Delta R.T. 0.000 min

Lab File: BF138459.D

Acq: 03 Jul 2024 21:34

Instrument :

BNA_F

ClientSampleId :

EO-02-070224MSD

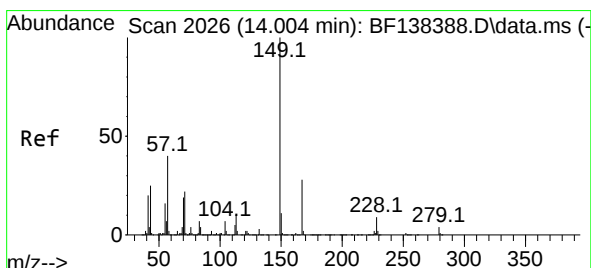
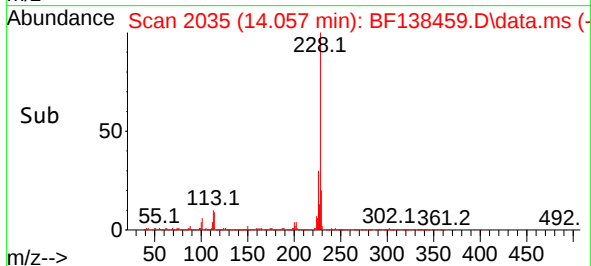
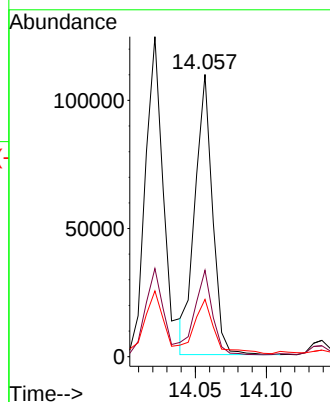
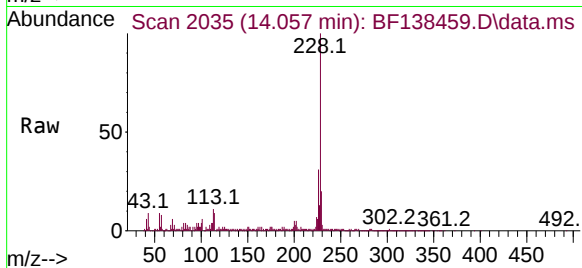
Tgt Ion:	228	Resp:	93370
Ion Ratio	Lower	Upper	
228	100		
226	30.6	23.8	35.6
229	20.3	15.2	22.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/05/2024

Supervised By :mohammad ahmed 07/05/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 7.975 ng

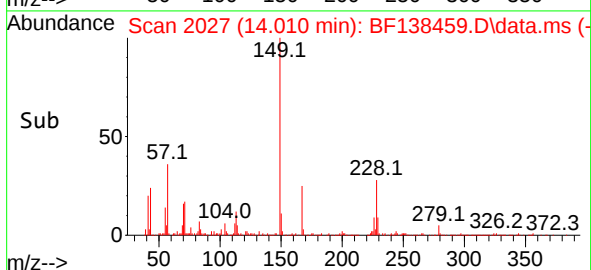
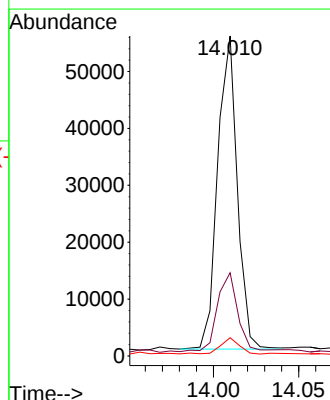
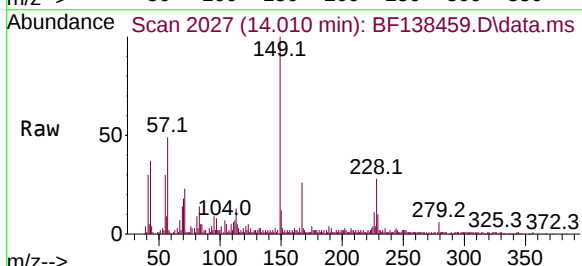
RT: 14.010 min Scan# 2027

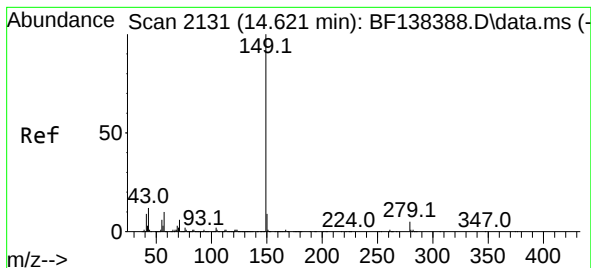
Delta R.T. 0.006 min

Lab File: BF138459.D

Acq: 03 Jul 2024 21:34

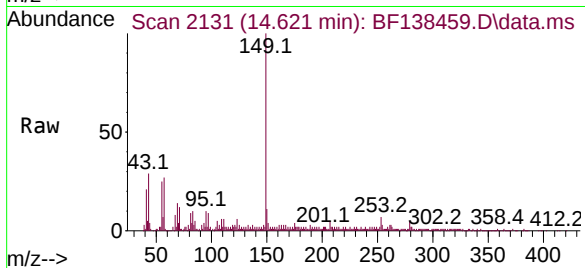
Tgt Ion:	149	Resp:	44105
Ion Ratio	Lower	Upper	
149	100		
167	26.0	22.6	33.8
279	5.7	3.2	4.8





#85
Di-n-octyl phthalate
Concen: 5.857 ng
RT: 14.621 min Scan# 2131
Delta R.T. 0.000 min
Lab File: BF138459.D
Acq: 03 Jul 2024 21:34

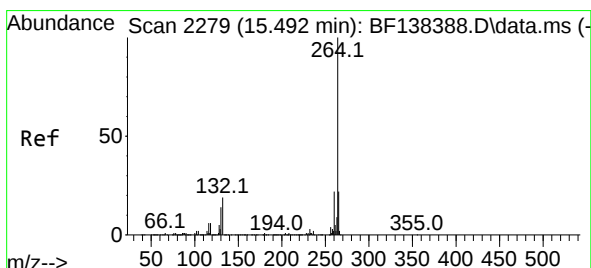
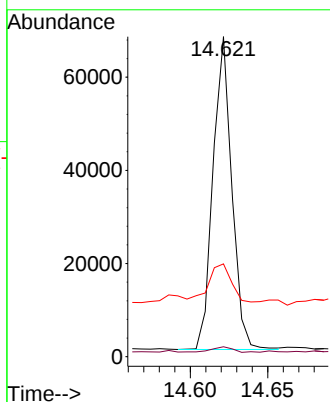
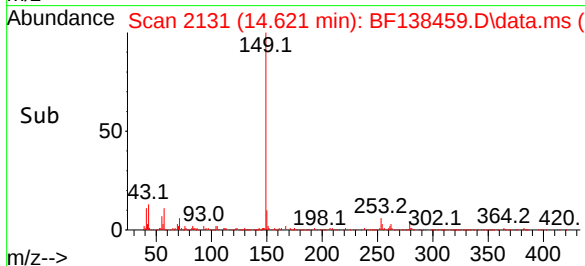
Instrument :
BNA_F
ClientSampleId :
EO-02-070224MSD



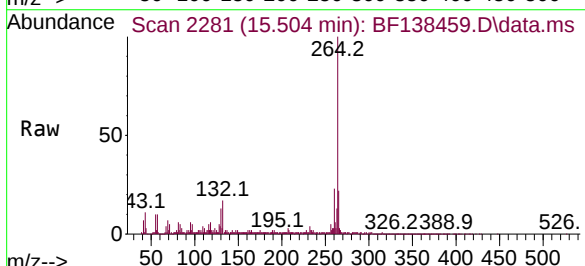
Tgt Ion:149 Resp: 5669
Ion Ratio Lower Upper
149 100
167 1.9 1.3 1.9
43 14.3 10.9 16.3

Manual Integrations
APPROVED

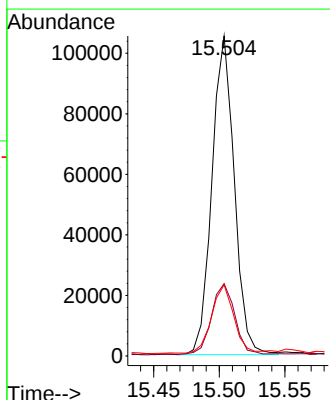
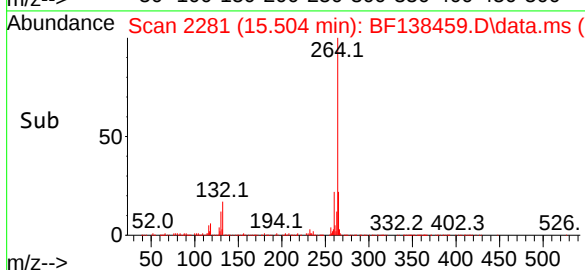
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024

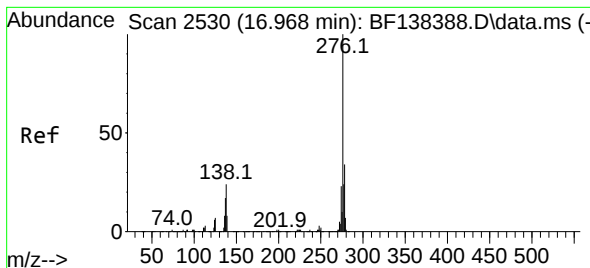


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.504 min Scan# 2281
Delta R.T. 0.012 min
Lab File: BF138459.D
Acq: 03 Jul 2024 21:34



Tgt Ion:264 Resp: 124783
Ion Ratio Lower Upper
264 100
260 22.6 17.8 26.6
265 22.2 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 10.562 ng

RT: 16.974 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF138459.D

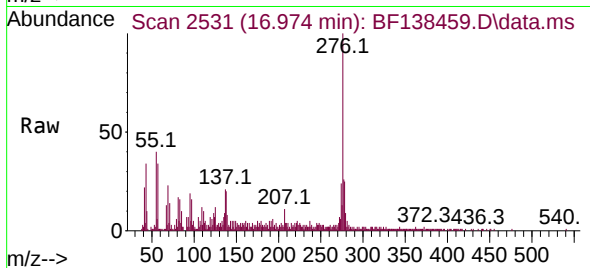
Acq: 03 Jul 2024 21:34

Instrument :

BNA_F

ClientSampleId :

EO-02-070224MSD



Tgt Ion:276 Resp: 66220

Ion Ratio Lower Upper

276 100

138 23.9 22.1 33.1

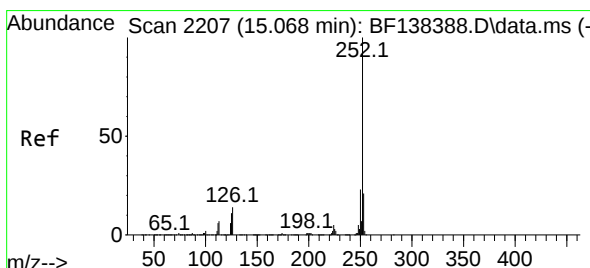
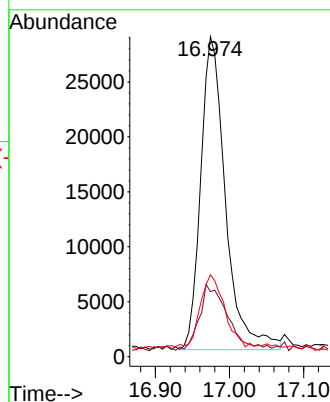
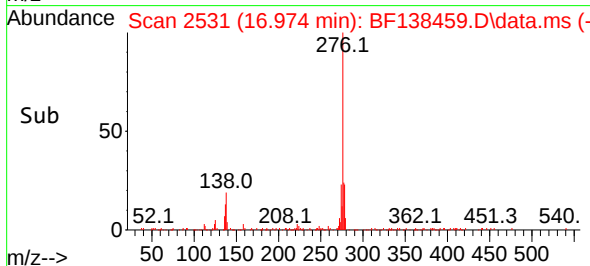
277 22.7 20.4 30.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/05/2024

Supervised By :mohammad ahmed 07/05/2024



#88

Benzo(b)fluoranthene

Concen: 12.428 ng

RT: 15.074 min Scan# 2208

Delta R.T. 0.006 min

Lab File: BF138459.D

Acq: 03 Jul 2024 21:34

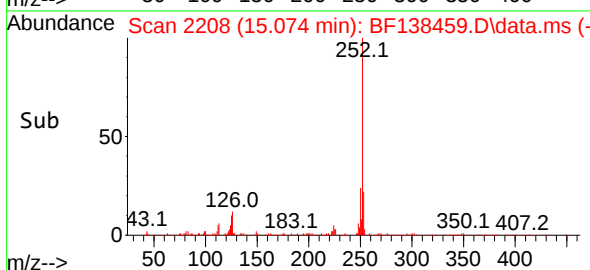
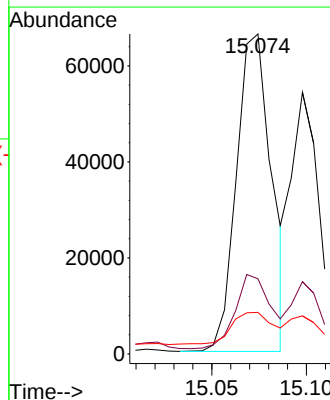
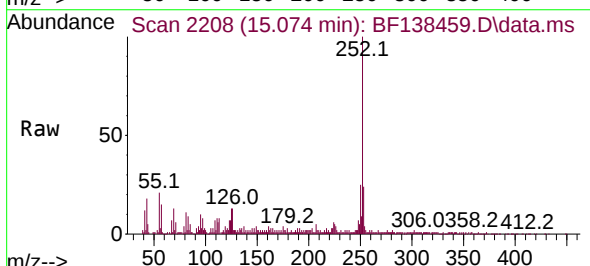
Tgt Ion:252 Resp: 85084

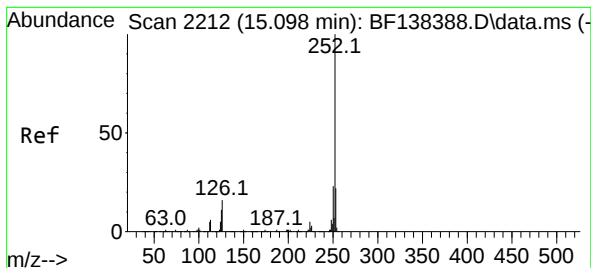
Ion Ratio Lower Upper

252 100

253 23.5 17.0 25.4

125 13.0 8.6 12.8#





#89

Benzo(k)fluoranthene

Concen: 8.801 ng m

RT: 15.098 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF138459.D

Acq: 03 Jul 2024 21:34

Instrument :

BNF

ClientSampleId :

EO-02-070224MSD

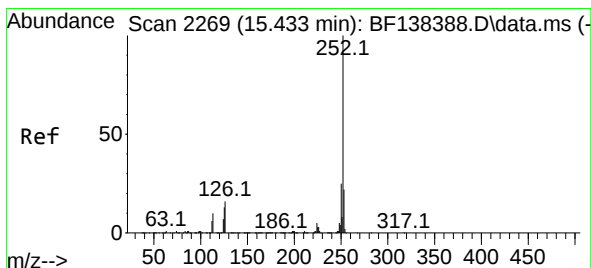
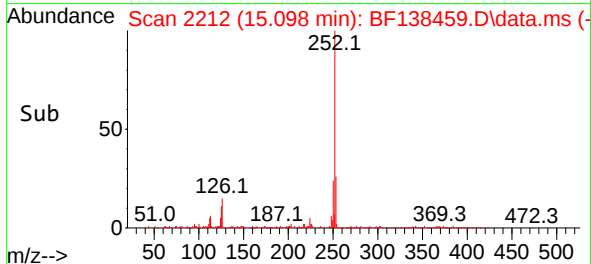
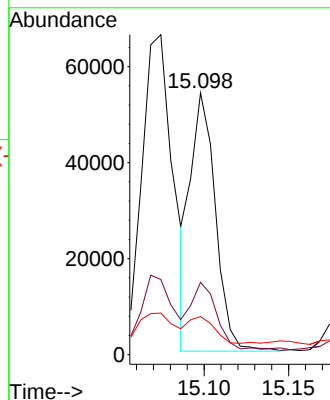
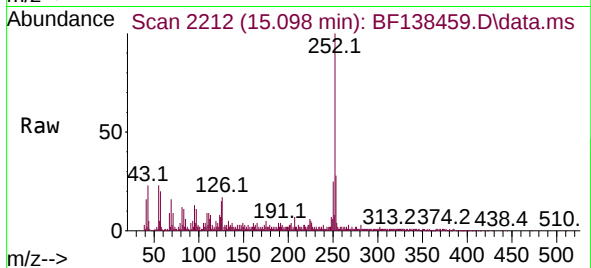
Tgt Ion:	252	Resp:	5550
Ion Ratio	Lower	Upper	
252	100		
253	27.7	17.4	26.2
125	14.5	8.7	13.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/05/2024

Supervised By :mohammad ahmed 07/05/2024



#90

Benzo(a)pyrene

Concen: 12.339 ng

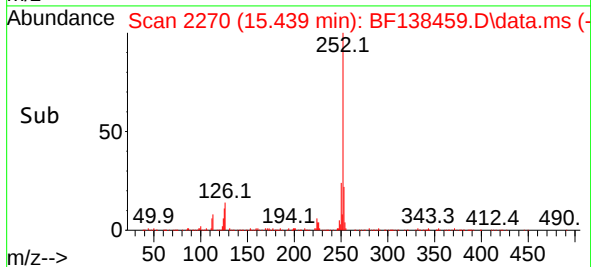
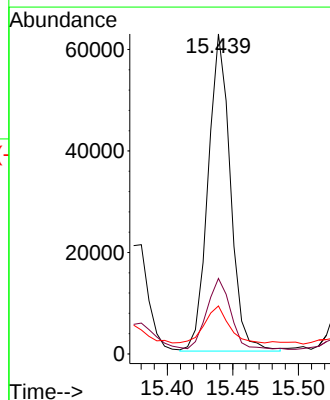
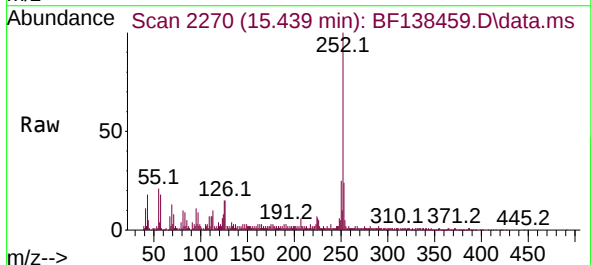
RT: 15.439 min Scan# 2270

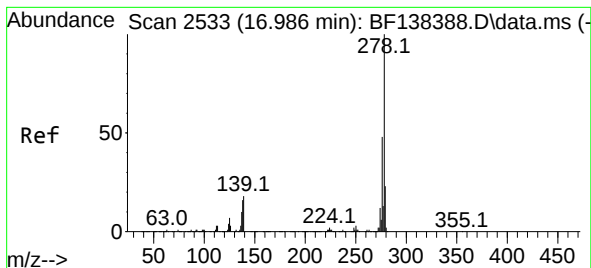
Delta R.T. 0.006 min

Lab File: BF138459.D

Acq: 03 Jul 2024 21:34

Tgt Ion:	252	Resp:	74044
Ion Ratio	Lower	Upper	
252	100		
253	23.6	17.6	26.4
125	15.0	10.2	15.2





#91

Dibenzo(a,h)anthracene

Concen: 7.449 ng

RT: 16.992 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF138459.D

Acq: 03 Jul 2024 21:34

Instrument :

BNA_F

ClientSampleId :

EO-02-070224MSD

Tgt Ion:278 Resp: 3769

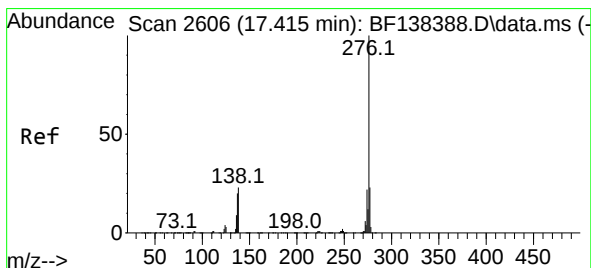
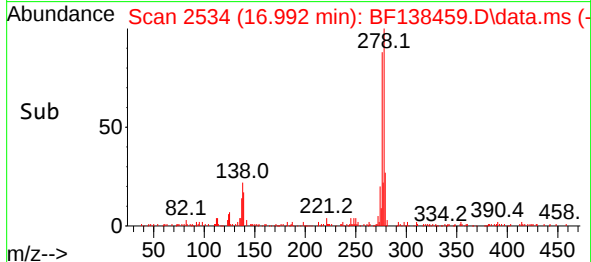
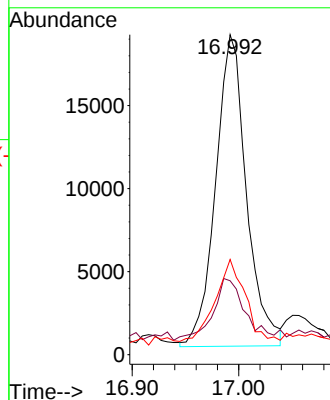
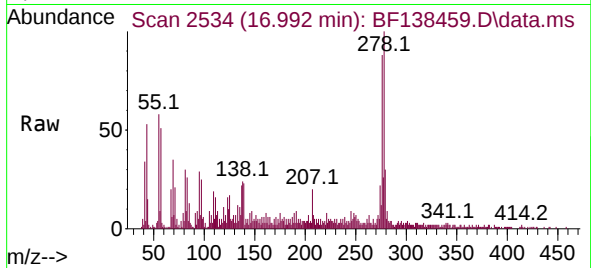
Ion	Ratio	Lower	Upper
278	100		
139	23.1	14.3	21.5
279	29.8	18.5	27.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/05/2024

Supervised By :mohammad ahmed 07/05/2024



#92

Benzo(g,h,i)perylene

Concen: 10.144 ng

RT: 17.427 min Scan# 2608

Delta R.T. 0.012 min

Lab File: BF138459.D

Acq: 03 Jul 2024 21:34

Tgt Ion:276 Resp: 50224

Ion	Ratio	Lower	Upper
276	100		
277	24.6	18.3	27.5
138	20.0	18.3	27.5

