

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072324\
 Data File : BF138628.D
 Acq On : 23 Jul 2024 20:08
 Operator : RC/JU
 Sample : P3314-01MS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ206MS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 07/24/2024
 Supervised By :mohammad ahmed 07/30/2024

Quant Time: Jul 24 01:16:15 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 09 16:58:40 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	92015	20.000	ng	-0.02
21) Naphthalene-d8	8.139	136	358973	20.000	ng	-0.01
39) Acenaphthene-d10	9.892	164	179804	20.000	ng	-0.01
64) Phenanthrene-d10	11.374	188	240583	20.000	ng	-0.01
76) Chrysene-d12	14.015	240	147737	20.000	ng	-0.01
86) Perylene-d12	15.474	264	124454	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	463874	79.842	ng	0.00
7) Phenol-d6	6.498	99	632271	81.806	ng	0.00
23) Nitrobenzene-d5	7.422	82	406168	55.553	ng	-0.01
42) 2,4,6-Tribromophenol	10.680	330	121702	72.422	ng	-0.01
45) 2-Fluorobiphenyl	9.210	172	659211	57.300	ng	-0.02
79) Terphenyl-d14	12.951	244	452368	49.883	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	2.710	88	100334	38.992	ng	98
3) Pyridine	3.457	79	267532	42.160	ng	96
4) n-Nitrosodimethylamine	3.428	42	194931	47.189	ng	91
6) Aniline	6.516	93	282227	38.986	ng	# 26
8) 2-Chlorophenol	6.645	128	306460	49.885	ng	100
9) Benzaldehyde	6.404	77	25162	6.082	ng	96
10) Phenol	6.510	94	397775	48.487	ng	87
11) bis(2-Chloroethyl)ether	6.592	93	296366	47.981	ng	98
12) 1,3-Dichlorobenzene	6.792	146	309886	44.875	ng	97
13) 1,4-Dichlorobenzene	6.875	146	315544	44.998	ng	98
14) 1,2-Dichlorobenzene	7.022	146	301346	46.140	ng	97
15) Benzyl Alcohol	6.998	79	288925	49.812	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.128	45	525098	43.230	ng	77
17) 2-Methylphenol	7.116	107	241353	47.936	ng	# 92
18) Hexachloroethane	7.363	117	117696	45.655	ng	96
19) n-Nitroso-di-n-propyla...	7.269	70	231153	48.402	ng	94
20) 3+4-Methylphenols	7.269	107	303267	47.832	ng	90
22) Acetophenone	7.269	105	388425	44.552	ng	100
24) Nitrobenzene	7.439	77	347225	46.733	ng	98
25) Isophorone	7.681	82	616009	49.061	ng	100
26) 2-Nitrophenol	7.757	139	160160	50.294	ng	96
27) 2,4-Dimethylphenol	7.792	122	204124m	52.153	ng	
28) bis(2-Chloroethoxy)met...	7.886	93	367501	48.975	ng	98
29) 2,4-Dichlorophenol	7.998	162	237468	46.722	ng	97
30) 1,2,4-Trichlorobenzene	8.075	180	257848	43.549	ng	97
31) Naphthalene	8.163	128	867354	46.458	ng	100
32) Benzoic acid	7.933	122	139161	37.279	ng	93
33) 4-Chloroaniline	8.210	127	146499	22.364	ng	98
34) Hexachlorobutadiene	8.269	225	155259	42.583	ng	99
35) Caprolactam	8.586	113	71509m	43.601	ng	
36) 4-Chloro-3-methylphenol	8.698	107	268570	47.199	ng	99
37) 2-Methylnaphthalene	8.851	142	540438	44.983	ng	98
38) 1-Methylnaphthalene	8.951	142	499329	42.585	ng	99
40) 1,2,4,5-Tetrachloroben...	9.016	216	223127	44.525	ng	98
41) Hexachlorocyclopentadiene	8.998	237	121774	74.866	ng	99
43) 2,4,6-Trichlorophenol	9.127	196	154390	48.299	ng	98

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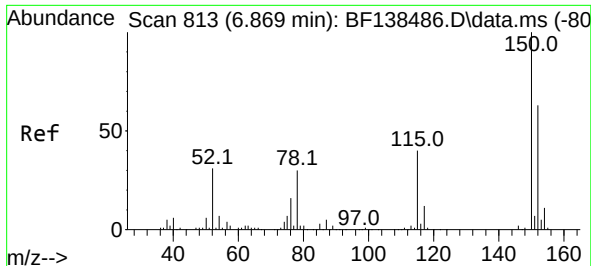
Manual Integrations
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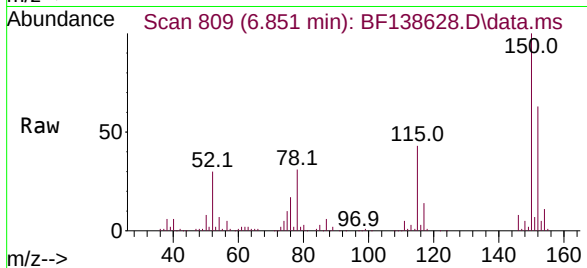
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.180	196	154625	43.979	ng	95
46) 1,1'-Biphenyl	9.316	154	626981	46.012	ng	100
47) 2-Chloronaphthalene	9.339	162	491860	47.781	ng	99
48) 2-Nitroaniline	9.439	65	182380	51.127	ng	96
49) Acenaphthylene	9.757	152	751666	51.430	ng	100
50) Dimethylphthalate	9.616	163	586613	50.455	ng	100
51) 2,6-Dinitrotoluene	9.680	165	124841	46.635	ng	89
52) Acenaphthene	9.927	154	466658	48.034	ng	99
53) 3-Nitroaniline	9.851	138	95317	34.740	ng	91
54) 2,4-Dinitrophenol	9.957	184	92812	65.499	ng	95
55) Dibenzofuran	10.098	168	658097	46.702	ng	99
56) 4-Nitrophenol	10.022	139	147118	72.670	ng	99
57) 2,4-Dinitrotoluene	10.086	165	155789	44.979	ng	91
58) Fluorene	10.439	166	500892	44.924	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.216	232	116223	41.886	ng	96
60) Diethylphthalate	10.310	149	549946	49.066	ng	98
61) 4-Chlorophenyl-phenyle...	10.433	204	251964	45.003	ng	96
62) 4-Nitroaniline	10.463	138	106856	38.865	ng	99
63) Azobenzene	10.592	77	570241	47.321	ng	98
65) 4,6-Dinitro-2-methylph...	10.492	198	71710	51.622	ng	85
66) n-Nitrosodiphenylamine	10.551	169	430520	59.728	ng	98
67) 4-Bromophenyl-phenylether	10.922	248	139752	56.517	ng	99
68) Hexachlorobenzene	10.986	284	141935	51.669	ng	95
69) Atrazine	11.074	200	120993	50.629	ng	97
70) Pentachlorophenol	11.180	266	127431	78.395	ng	97
71) Phenanthrene	11.398	178	646193	53.165	ng	99
72) Anthracene	11.451	178	615322	51.000	ng	100
73) Carbazole	11.610	167	487248	44.938	ng	100
74) Di-n-butylphthalate	11.933	149	679757	54.389	ng	99
75) Fluoranthene	12.586	202	590493	47.611	ng	98
77) Benzidine	12.710	184	148794	39.919	ng	99
78) Pyrene	12.816	202	578047	38.543	ng	99
80) Butylbenzylphthalate	13.427	149	225663	50.020	ng	95
81) Benzo(a)anthracene	14.004	228	547168	55.196	ng	100
82) 3,3'-Dichlorobenzidine	13.962	252	129982	50.886	ng	99
83) Chrysene	14.039	228	493860	52.662	ng	100
84) Bis(2-ethylhexyl)phtha...	13.986	149	323139	67.159	ng	99
85) Di-n-octyl phthalate	14.598	149	597798	78.647	ng	# 98
87) Indeno(1,2,3-cd)pyrene	16.933	276	307778	36.817	ng	99
88) Benzo(b)fluoranthene	15.051	252	465926	66.477	ng	99
89) Benzo(k)fluoranthene	15.080	252	398281	58.265	ng	99
90) Benzo(a)pyrene	15.409	252	354960	57.651	ng	99
91) Dibenzo(a,h)anthracene	16.951	278	237334	34.707	ng	99
92) Benzo(g,h,i)perylene	17.380	276	233906	32.258	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 80
Delta R.T. -0.018 min
Lab File: BF138628.D
Acq: 23 Jul 2024 20:08

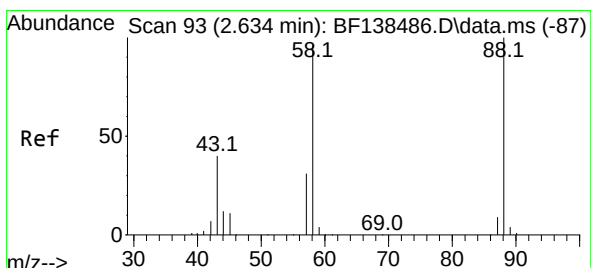
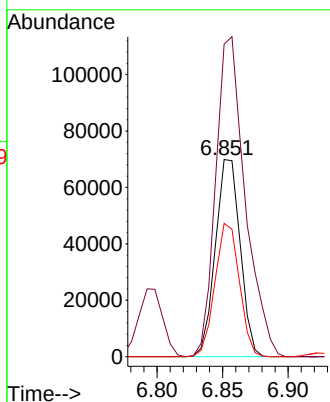
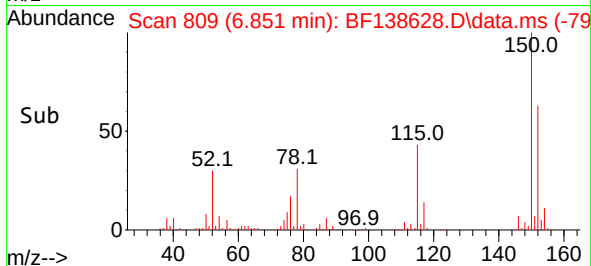
Instrument :
BNA_F
ClientSampleId :
VNJ206MS



Tgt Ion:152 Resp: 92015
Ion Ratio Lower Upper
152 100
150 158.6 126.2 189.4
115 67.6 50.3 75.5

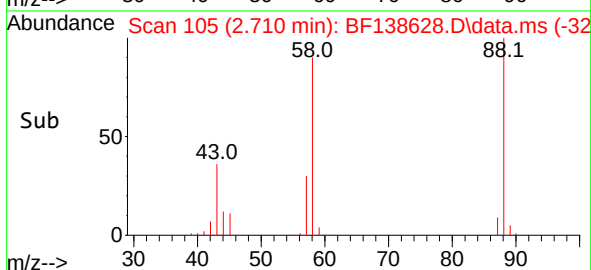
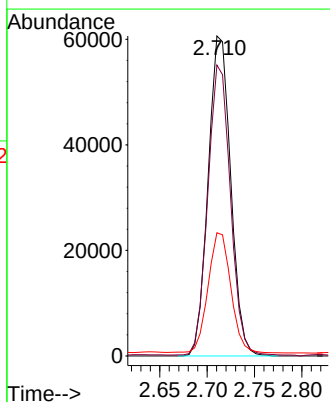
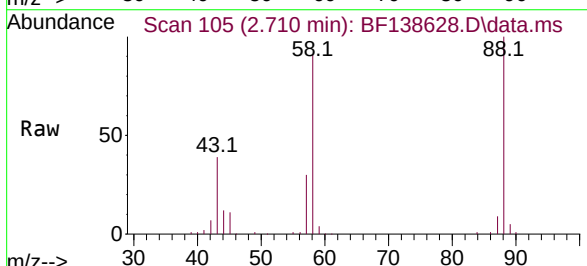
Manual Integrations
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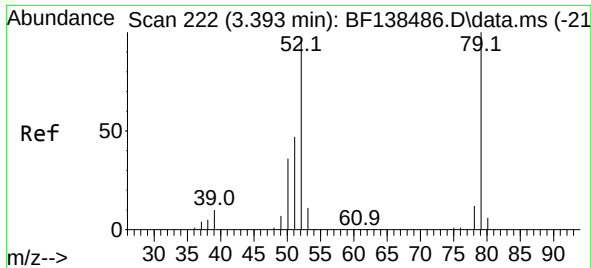
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024



#2
1,4-Dioxane
Concen: 38.992 ng
RT: 2.710 min Scan# 105
Delta R.T. 0.076 min
Lab File: BF138628.D
Acq: 23 Jul 2024 20:08

Tgt Ion: 88 Resp: 100334
Ion Ratio Lower Upper
88 100
58 92.1 74.6 112.0
43 38.2 31.8 47.6





#3

Pyridine

Concen: 42.160 ng

RT: 3.457 min Scan# 21

Delta R.T. 0.065 min

Lab File: BF138628.D

Acq: 23 Jul 2024 20:08

Instrument :

BNA_F

ClientSampleId :

VNJ206MS

Tgt Ion: 79 Resp: 26753

Ion Ratio Lower Upper

79 100

52 92.6 77.4 116.2

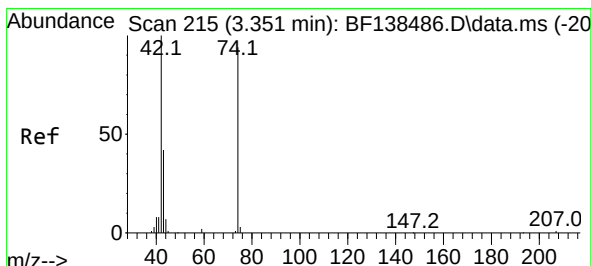
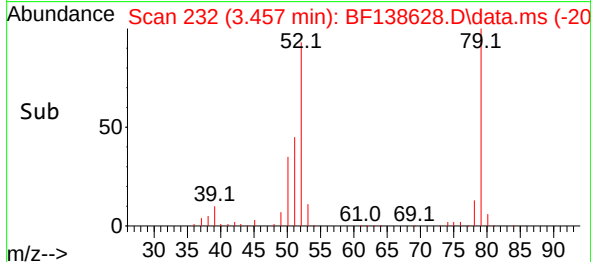
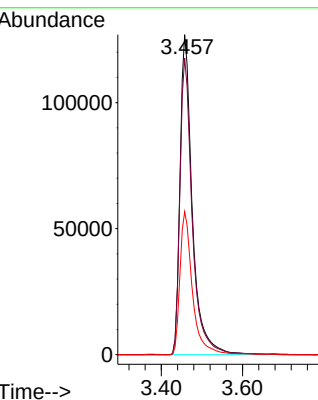
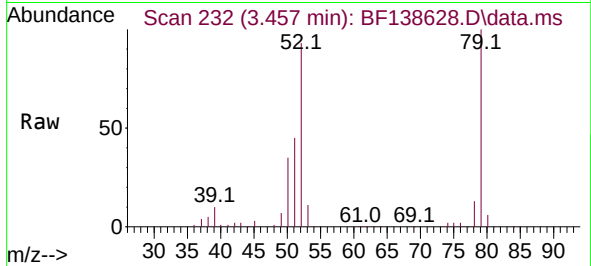
51 44.7 37.4 56.0

Manual Integrations

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Supervised By :mohammad ahmed 07/30/2024



#4

n-Nitrosodimethylamine

Concen: 47.189 ng

RT: 3.428 min Scan# 227

Delta R.T. 0.076 min

Lab File: BF138628.D

Acq: 23 Jul 2024 20:08

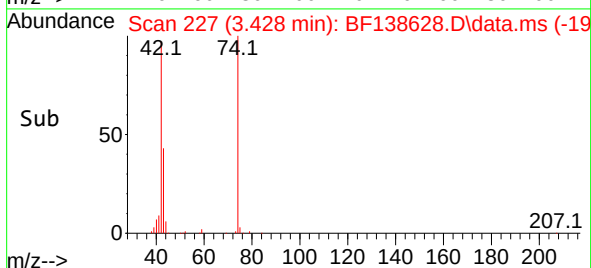
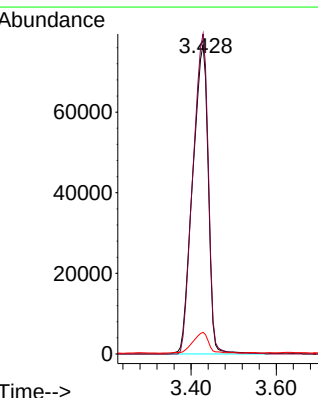
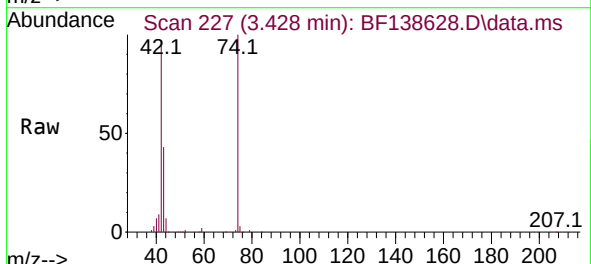
Tgt Ion: 42 Resp: 194931

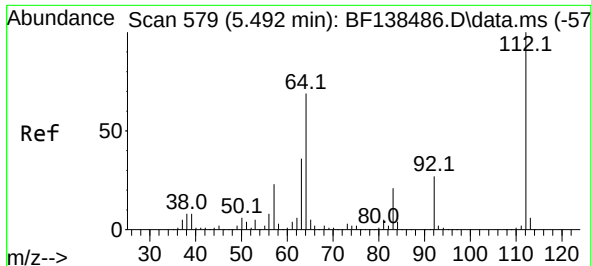
Ion Ratio Lower Upper

42 100

74 103.5 75.0 112.6

44 7.0 5.4 8.2





#5
2-Fluorophenol
Concen: 79.842 ng
RT: 5.487 min Scan# 51
Delta R.T. -0.006 min
Lab File: BF138628.D
Acq: 23 Jul 2024 20:08

Instrument :

BNA_F

ClientSampleId :

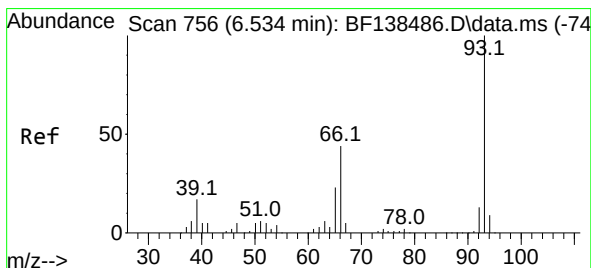
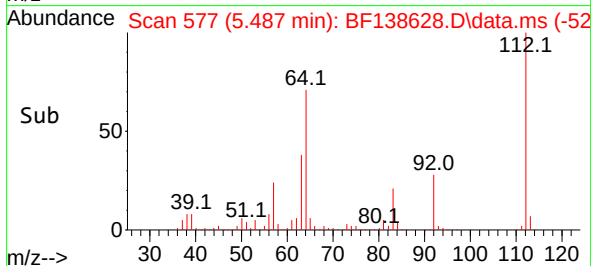
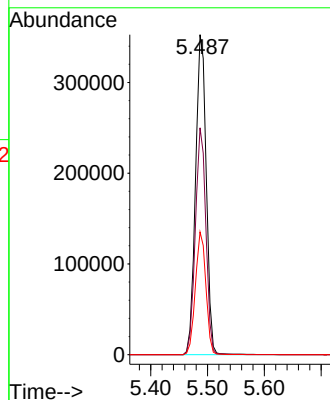
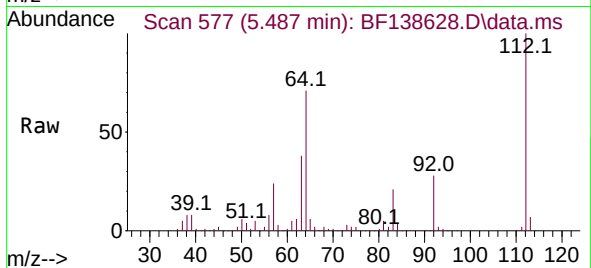
VNJ206MS

Tgt Ion:112 Resp: 463874
Ion Ratio Lower Upper
112 100
64 70.9 55.1 82.7
63 38.3 29.0 43.6

Manual Integrations

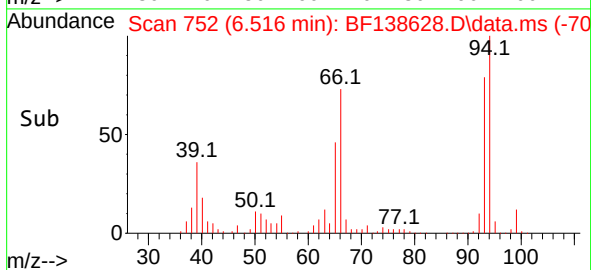
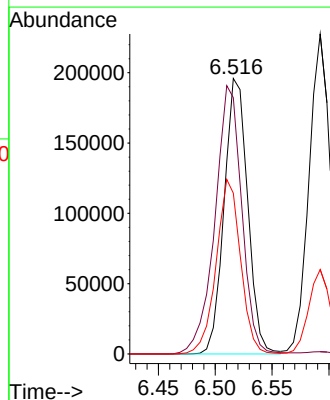
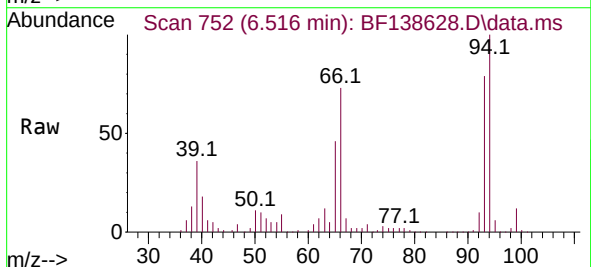
APPROVED

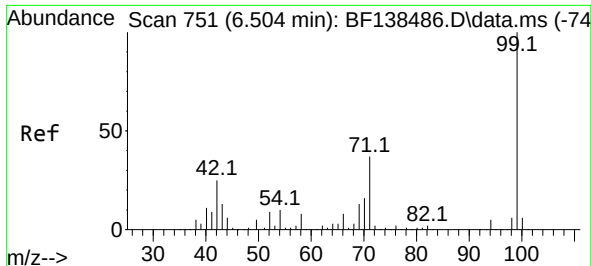
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024



#6
Aniline
Concen: 38.986 ng
RT: 6.516 min Scan# 752
Delta R.T. -0.018 min
Lab File: BF138628.D
Acq: 23 Jul 2024 20:08

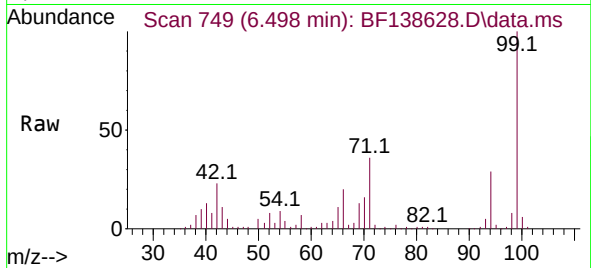
Tgt Ion: 93 Resp: 282227
Ion Ratio Lower Upper
93 100
66 93.1 35.4 53.0#
65 58.4 18.6 27.8#





#7
Phenol-d6
Concen: 81.806 ng
RT: 6.498 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF138628.D
Acq: 23 Jul 2024 20:08

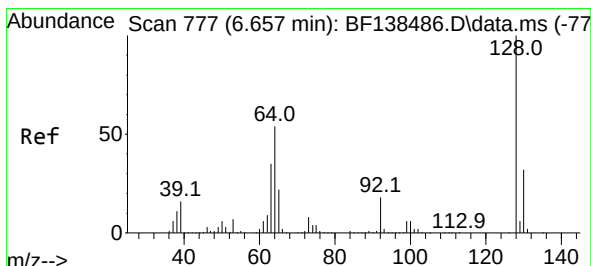
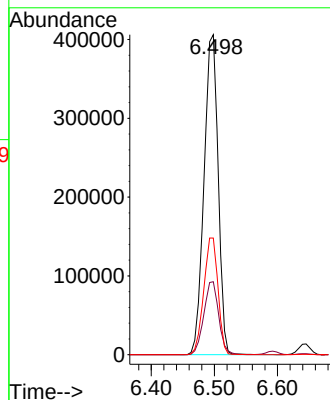
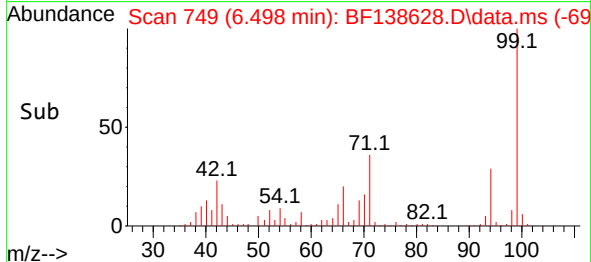
Instrument :
BNA_F
ClientSampleId :
VNJ206MS



Tgt Ion: 99 Resp: 63227
Ion Ratio Lower Upper
99 100
42 22.8 19.7 29.5
71 36.4 29.9 44.9

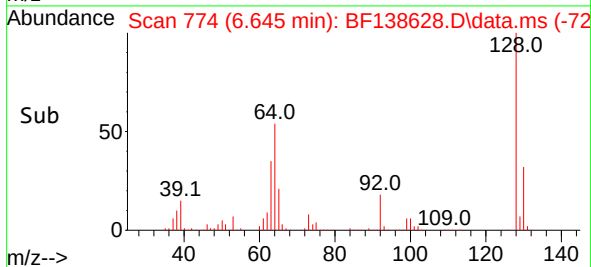
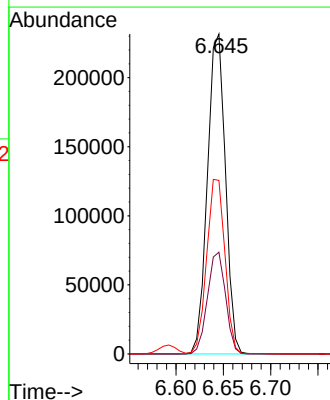
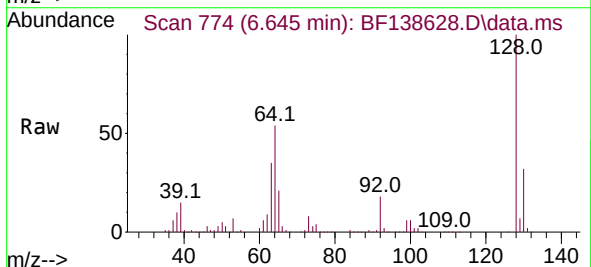
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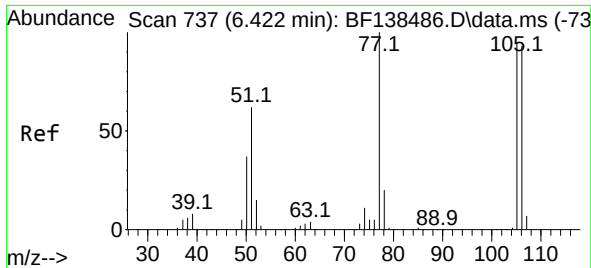
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024



#8
2-Chlorophenol
Concen: 49.885 ng
RT: 6.645 min Scan# 774
Delta R.T. -0.012 min
Lab File: BF138628.D
Acq: 23 Jul 2024 20:08

Tgt Ion:128 Resp: 306460
Ion Ratio Lower Upper
128 100
130 31.8 12.1 52.1
64 54.2 34.4 74.4





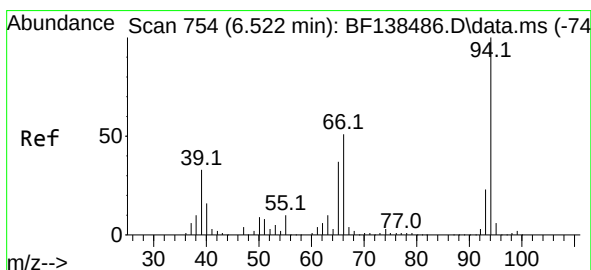
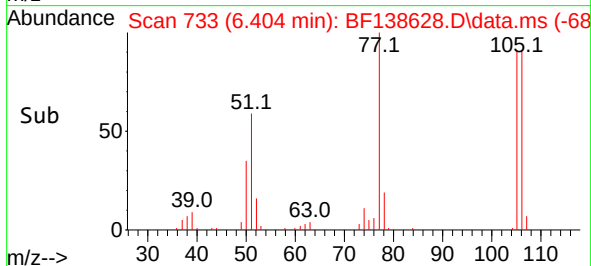
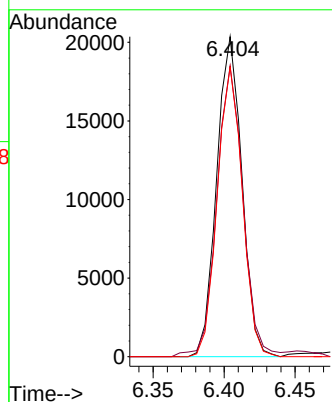
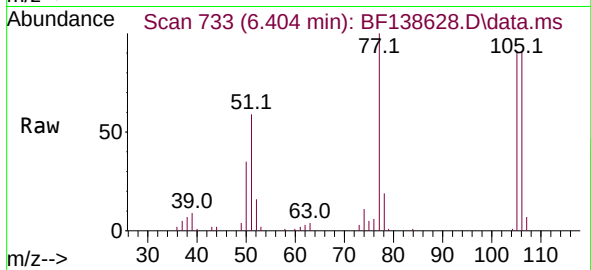
#9
Benzaldehyde
Concen: 6.082 ng
RT: 6.404 min Scan# 713
Delta R.T. -0.018 min
Lab File: BF138628.D
Acq: 23 Jul 2024 20:08

Instrument :
BNA_F
ClientSampleId :
VNJ206MS

Tgt Ion: 77 Resp: 25162
Ion Ratio Lower Upper
77 100
105 90.8 75.1 115.1
106 90.6 73.2 113.2

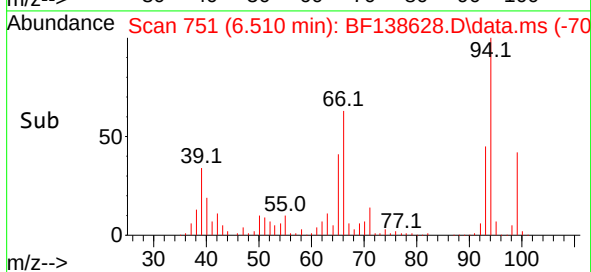
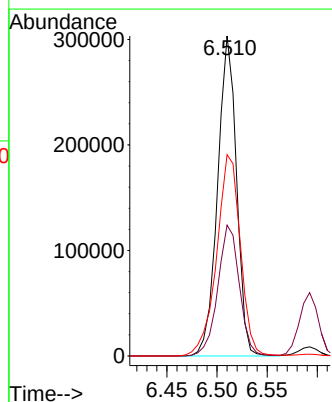
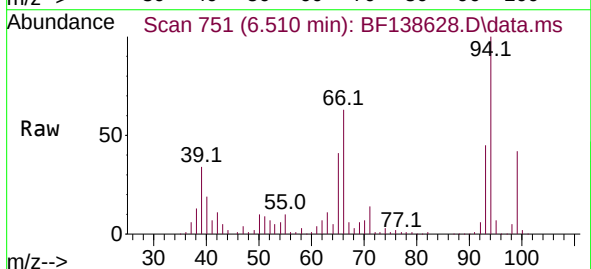
Manual Integrations
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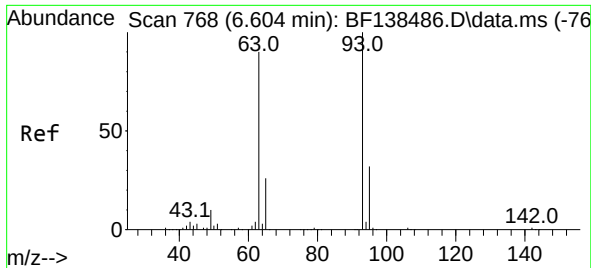
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024



#10
Phenol
Concen: 48.487 ng
RT: 6.510 min Scan# 751
Delta R.T. -0.012 min
Lab File: BF138628.D
Acq: 23 Jul 2024 20:08

Tgt Ion: 94 Resp: 397775
Ion Ratio Lower Upper
94 100
65 40.9 16.7 56.7
66 62.9 31.2 71.2





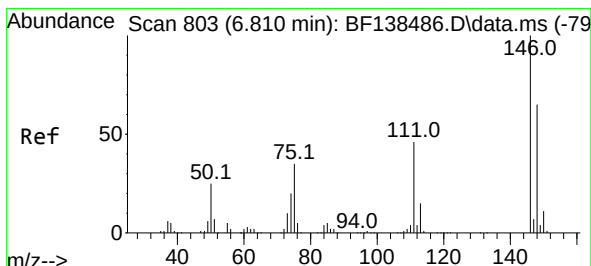
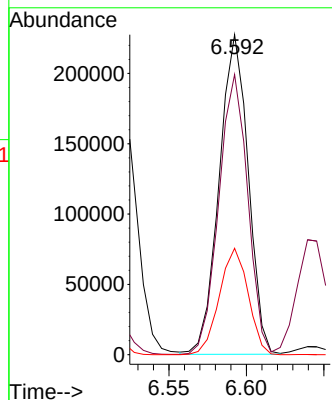
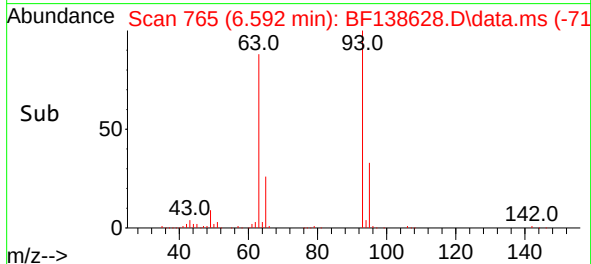
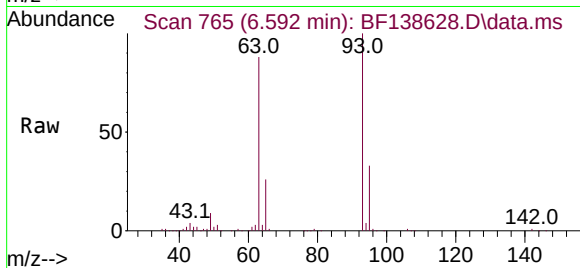
#11
bis(2-Chloroethyl)ether
Concen: 47.981 ng
RT: 6.592 min Scan# 709
Delta R.T. -0.012 min
Lab File: BF138628.D
Acq: 23 Jul 2024 20:08

Instrument :
BNA_F
ClientSampleId :
VNJ206MS

Tgt Ion: 93 Resp: 296360
Ion Ratio Lower Upper
93 100
63 87.5 68.8 108.8
95 33.2 11.8 51.8

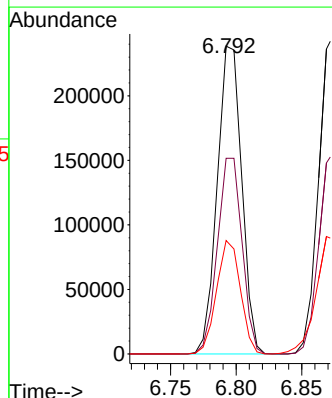
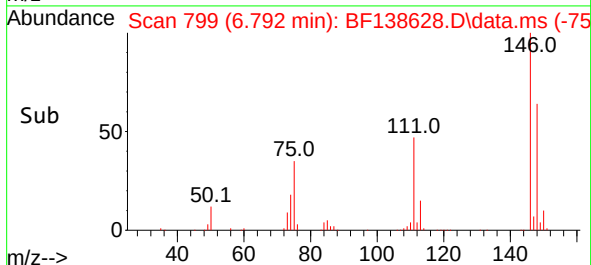
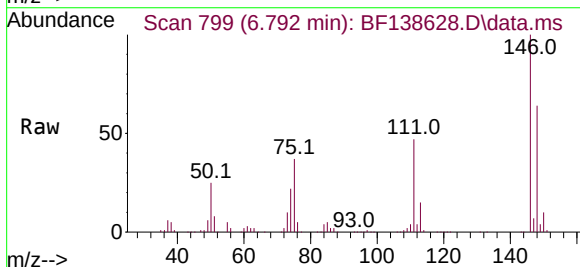
Manual Integrations
APPROVED

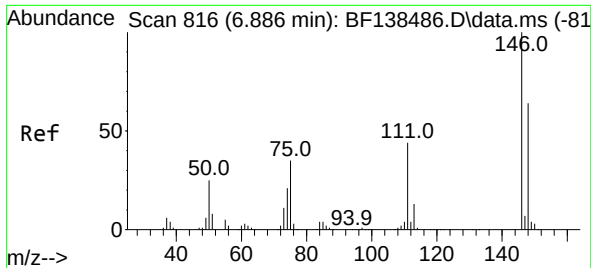
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024



#12
1,3-Dichlorobenzene
Concen: 44.875 ng
RT: 6.792 min Scan# 799
Delta R.T. -0.018 min
Lab File: BF138628.D
Acq: 23 Jul 2024 20:08

Tgt Ion:146 Resp: 309886
Ion Ratio Lower Upper
146 100
148 63.6 52.4 78.6
75 36.8 27.8 41.8





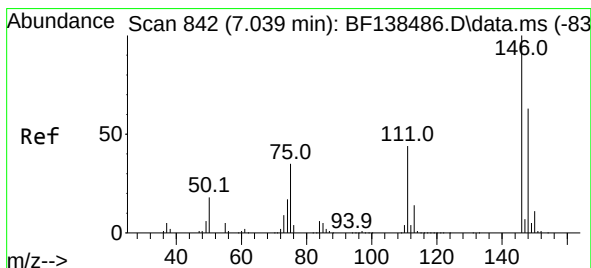
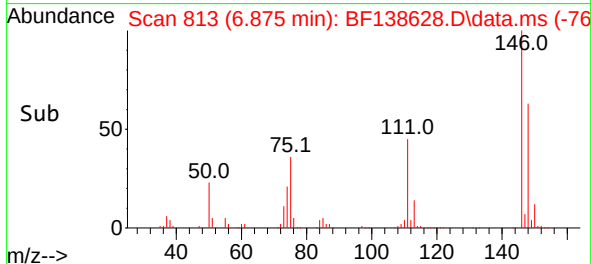
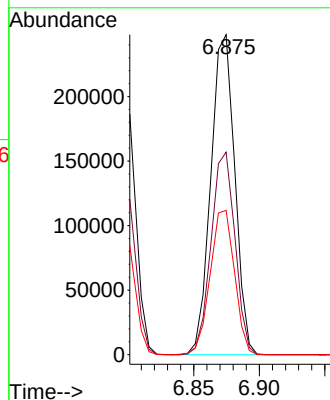
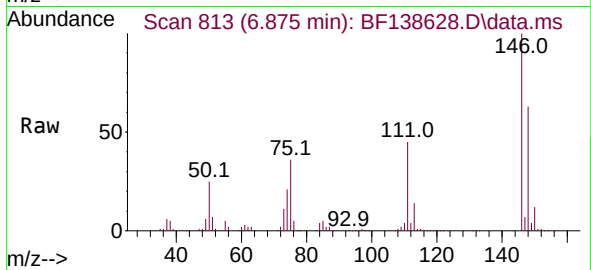
#13
1,4-Dichlorobenzene
Concen: 44.998 ng
RT: 6.875 min Scan# 816
Delta R.T. -0.012 min
Lab File: BF138628.D
Acq: 23 Jul 2024 20:08

Instrument :
BNA_F
ClientSampleId :
VNJ206MS

Tgt Ion:146 Resp: 315544
Ion Ratio Lower Upper
146 100
148 63.3 51.6 77.4
111 45.1 34.9 52.3

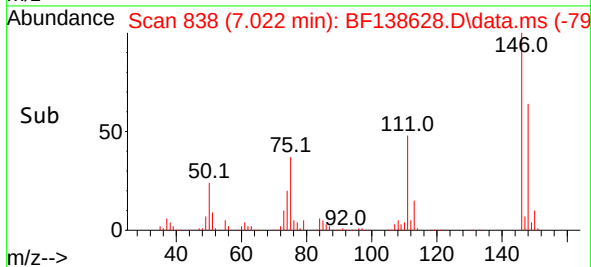
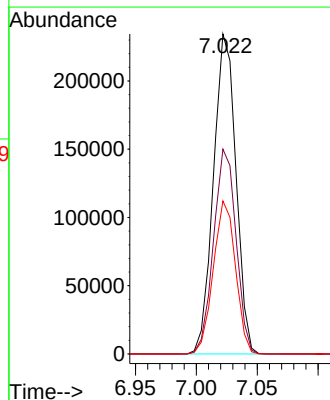
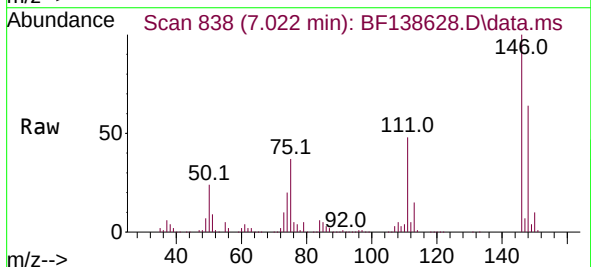
Manual Integrations
APPROVED

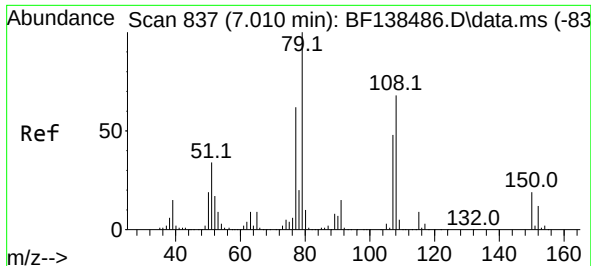
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024



#14
1,2-Dichlorobenzene
Concen: 46.140 ng
RT: 7.022 min Scan# 838
Delta R.T. -0.018 min
Lab File: BF138628.D
Acq: 23 Jul 2024 20:08

Tgt Ion:146 Resp: 301346
Ion Ratio Lower Upper
146 100
148 64.0 50.1 75.1
111 47.8 35.5 53.3





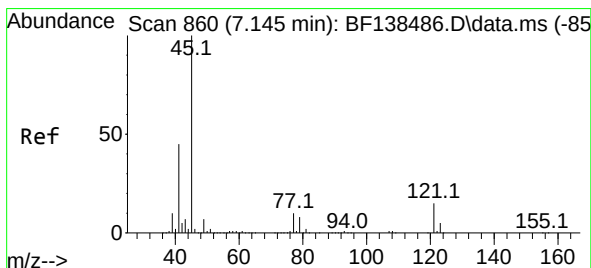
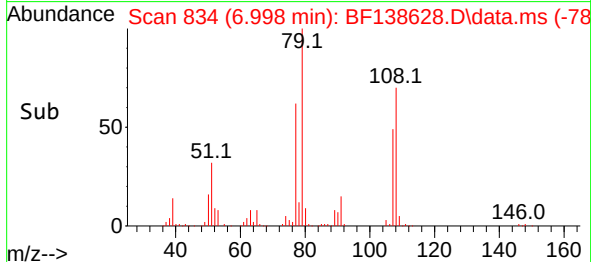
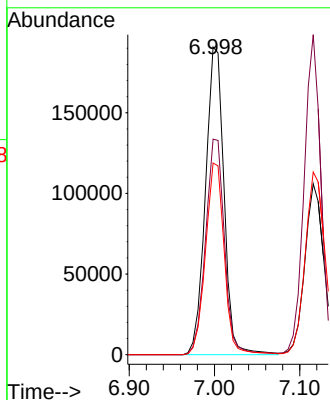
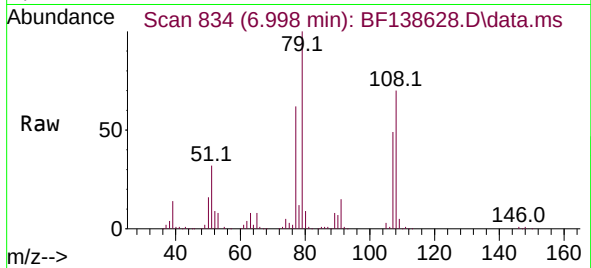
#15
Benzyl Alcohol
Concen: 49.812 ng
RT: 6.998 min Scan# 811
Delta R.T. -0.012 min
Lab File: BF138628.D
Acq: 23 Jul 2024 20:08

Instrument :
BNA_F
ClientSampleId :
VNJ206MS

Tgt Ion: 79 Resp: 288925
Ion Ratio Lower Upper
79 100
108 70.0 54.3 81.5
77 62.3 50.0 75.0

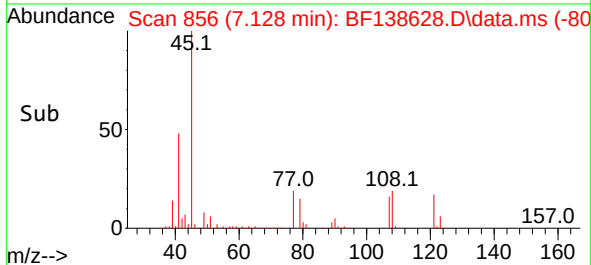
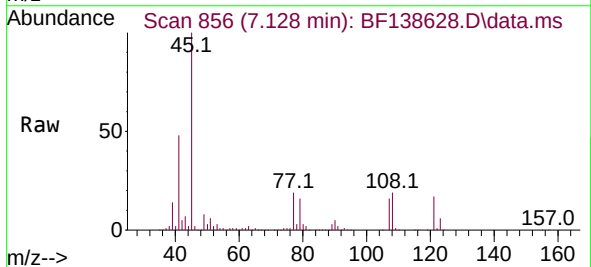
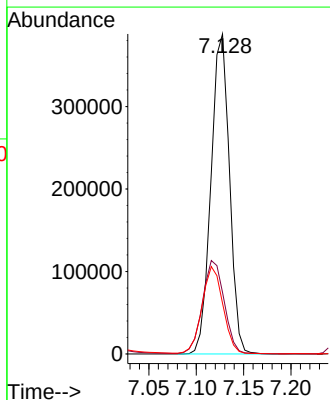
Manual Integrations
APPROVED

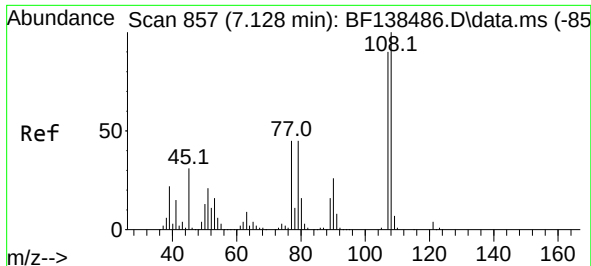
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.230 ng
RT: 7.128 min Scan# 856
Delta R.T. -0.018 min
Lab File: BF138628.D
Acq: 23 Jul 2024 20:08

Tgt Ion: 45 Resp: 525098
Ion Ratio Lower Upper
45 100
77 19.3 0.0 30.4
79 15.8 0.0 28.1





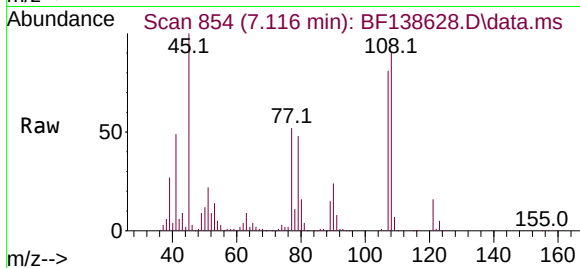
#17
2-Methylphenol
Concen: 47.936 ng
RT: 7.116 min Scan# 854
Delta R.T. -0.012 min
Lab File: BF138628.D
Acq: 23 Jul 2024 20:08

Instrument :

BNA_F

ClientSampleId :

VNJ206MS

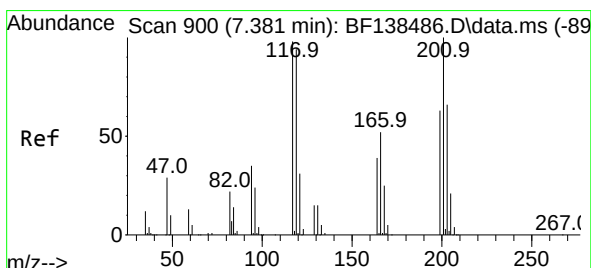
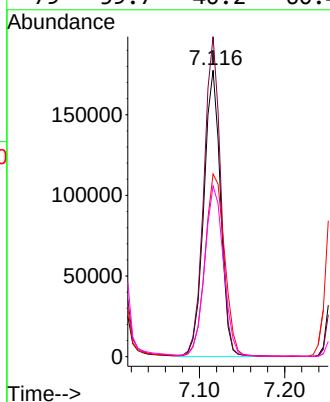
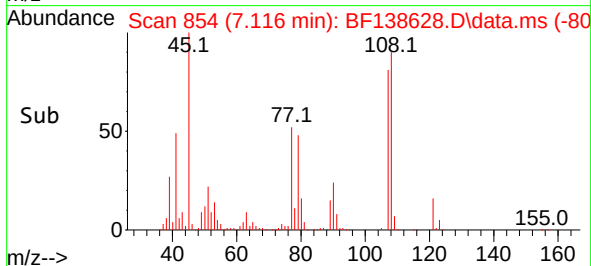


Tgt Ion:107 Resp: 24135
Ion Ratio Lower Upper
107 100
108 111.8 89.0 133.4
77 63.8 40.3 60.5
79 59.7 40.2 60.4

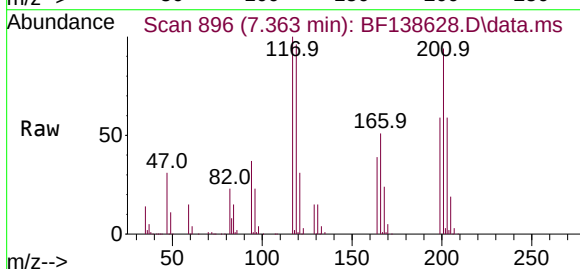
Manual Integrations

APPROVED

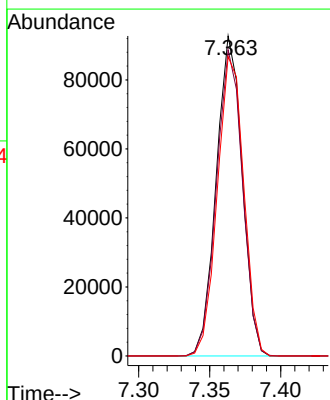
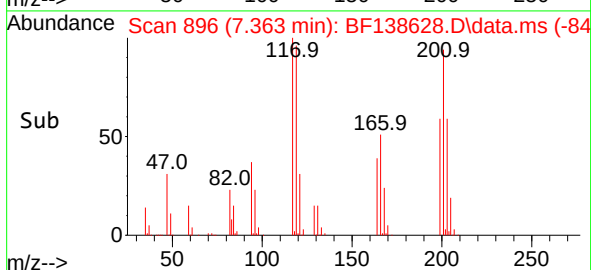
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024

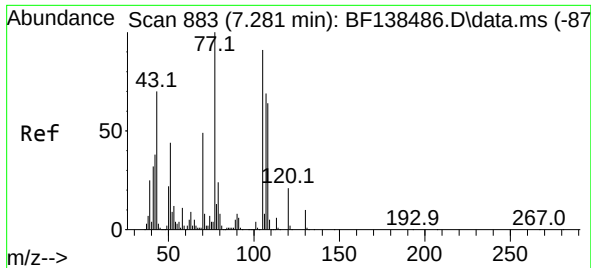


#18
Hexachloroethane
Concen: 45.655 ng
RT: 7.363 min Scan# 896
Delta R.T. -0.018 min
Lab File: BF138628.D
Acq: 23 Jul 2024 20:08



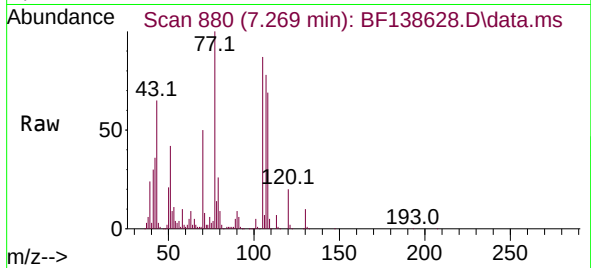
Tgt Ion:117 Resp: 117696
Ion Ratio Lower Upper
117 100
119 95.7 76.6 114.8
201 93.6 81.4 122.0





#19
n-Nitroso-di-n-propylamine
Concen: 48.402 ng
RT: 7.269 min Scan# 80
Delta R.T. -0.012 min
Lab File: BF138628.D
Acq: 23 Jul 2024 20:08

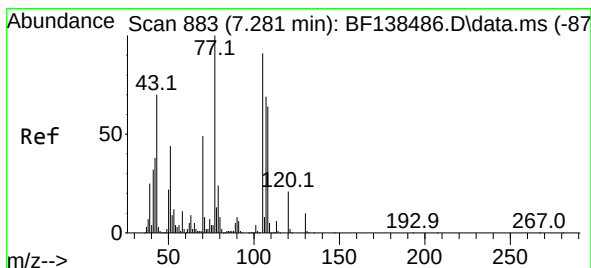
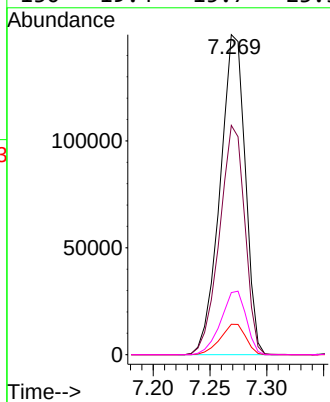
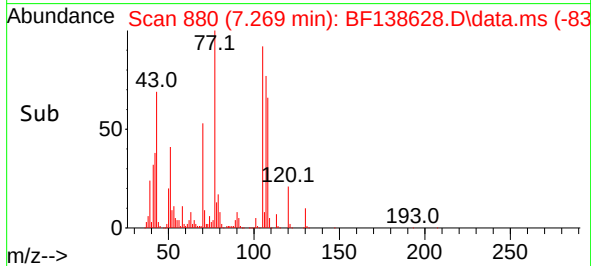
Instrument :
BNA_F
ClientSampleId :
VNJ206MS



Tgt Ion: 70 Resp: 23115
Ion Ratio Lower Upper
70 100
42 71.6 62.4 93.6
101 9.5 7.2 10.8
130 19.4 15.7 23.5

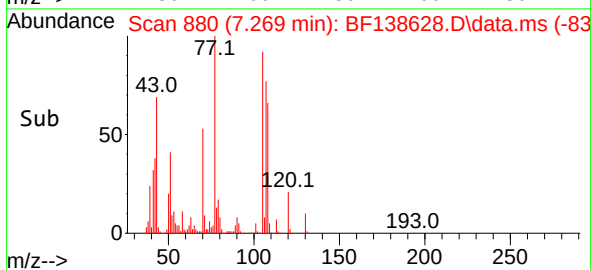
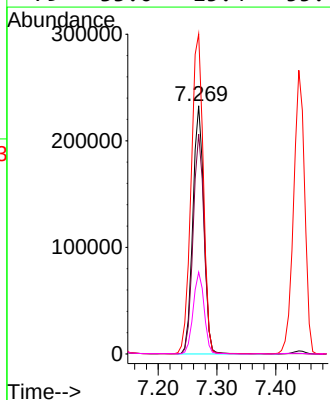
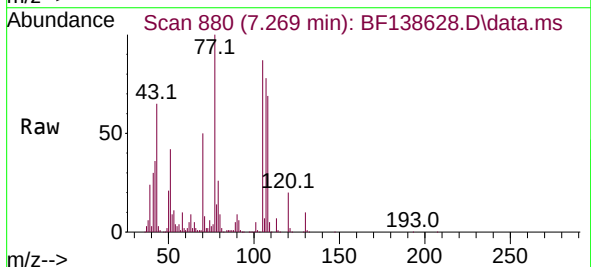
Manual Integrations
APPROVED

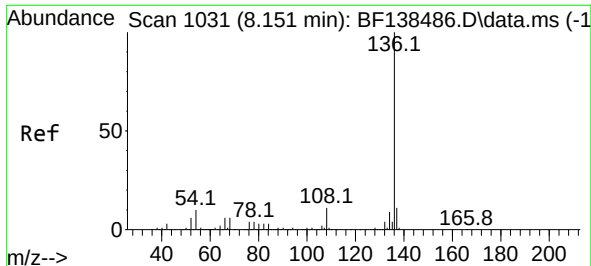
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024



#20
3+4-Methylphenols
Concen: 47.832 ng
RT: 7.269 min Scan# 880
Delta R.T. -0.012 min
Lab File: BF138628.D
Acq: 23 Jul 2024 20:08

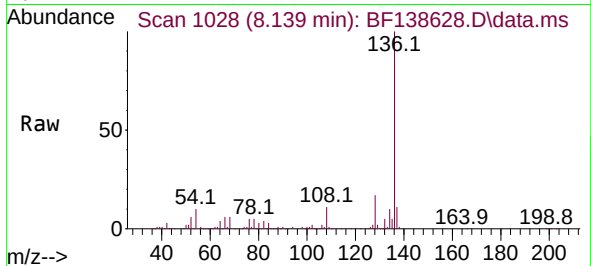
Tgt Ion:107 Resp: 303267
Ion Ratio Lower Upper
107 100
108 88.6 73.7 113.7
77 129.0 126.0 166.0
79 33.0 15.4 55.4





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 1028
Delta R.T. -0.012 min
Lab File: BF138628.D
Acq: 23 Jul 2024 20:08

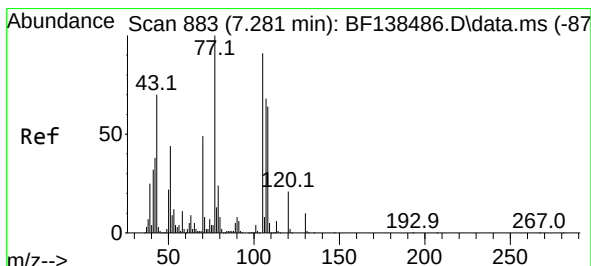
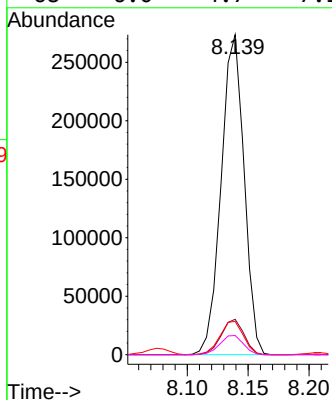
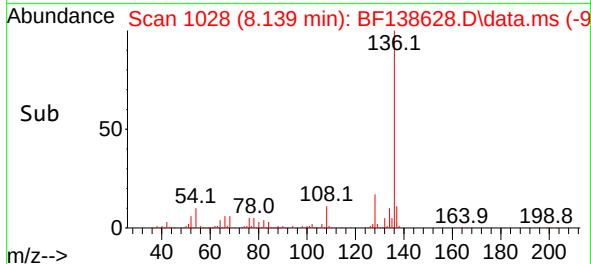
Instrument :
BNA_F
ClientSampleId :
VNJ206MS



Tgt Ion:136 Resp: 35897
Ion Ratio Lower Upper
136 100
137 11.1 8.5 12.7
54 10.4 8.1 12.1
68 6.0 4.7 7.1

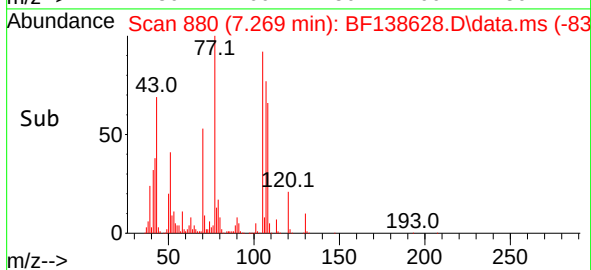
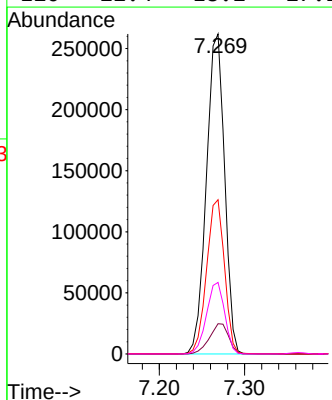
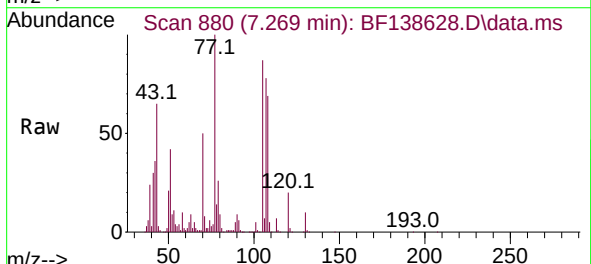
Manual Integrations
APPROVED

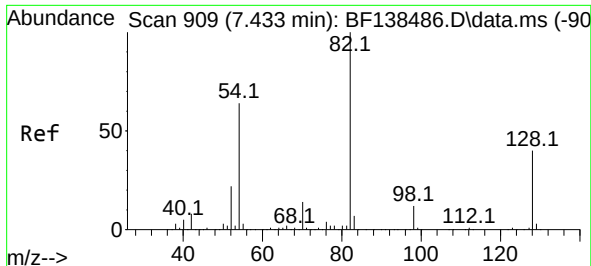
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024



#22
Acetophenone
Concen: 44.552 ng
RT: 7.269 min Scan# 880
Delta R.T. -0.012 min
Lab File: BF138628.D
Acq: 23 Jul 2024 20:08

Tgt Ion:105 Resp: 388425
Ion Ratio Lower Upper
105 100
71 9.4 7.4 11.2
51 48.2 38.7 58.1
120 22.4 18.2 27.2





#23

Nitrobenzene-d5

Concen: 55.553 ng

RT: 7.422 min Scan# 909

Delta R.T. -0.012 min

Lab File: BF138628.D

Acq: 23 Jul 2024 20:08

Instrument :

BNA_F

ClientSampleId :

VNJ206MS

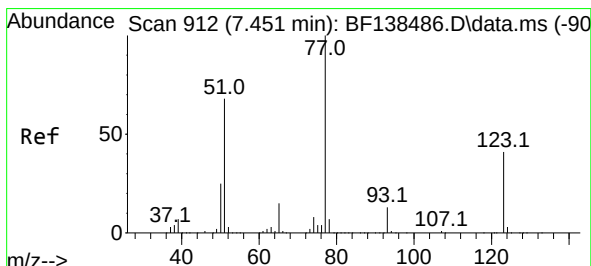
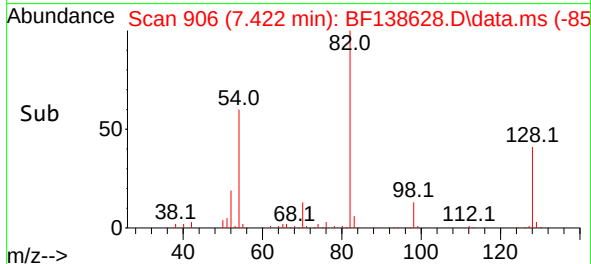
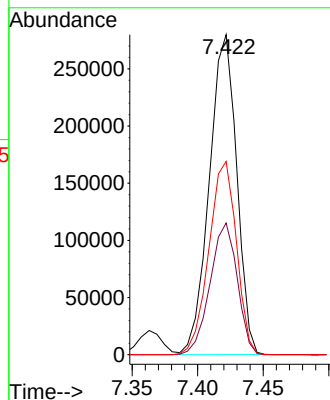
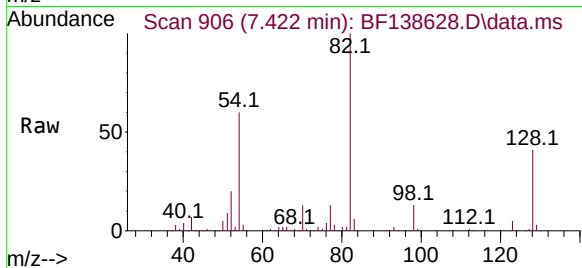
Tgt Ion: 82 Resp: 406168

Ion	Ratio	Lower	Upper
82	100		
128	41.2	32.3	48.5
54	60.4	51.4	77.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024



#24

Nitrobenzene

Concen: 46.733 ng

RT: 7.439 min Scan# 909

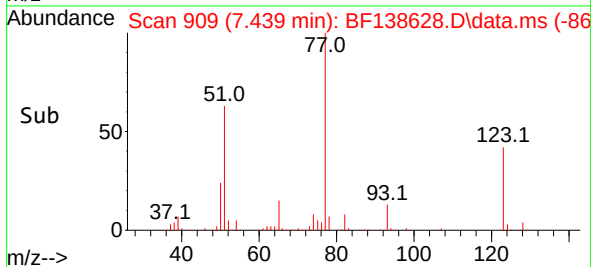
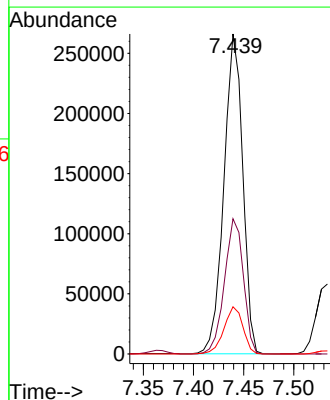
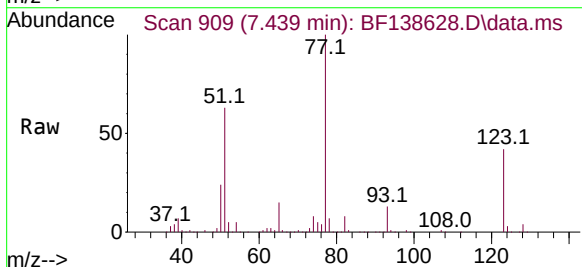
Delta R.T. -0.012 min

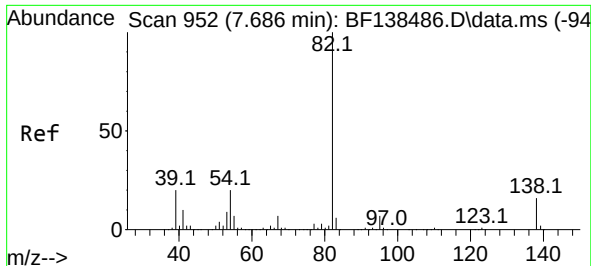
Lab File: BF138628.D

Acq: 23 Jul 2024 20:08

Tgt Ion: 77 Resp: 347225

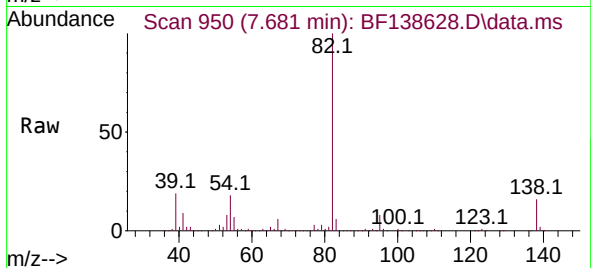
Ion	Ratio	Lower	Upper
77	100		
123	42.2	32.4	48.6
65	14.8	11.8	17.8





#25
Isophorone
Concen: 49.061 ng
RT: 7.681 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF138628.D
Acq: 23 Jul 2024 20:08

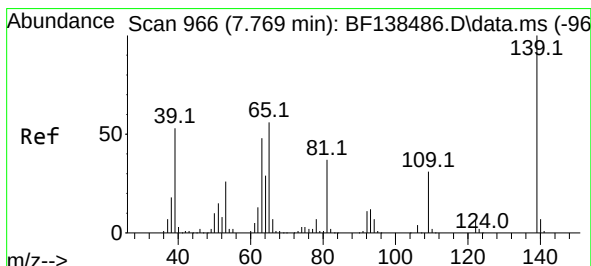
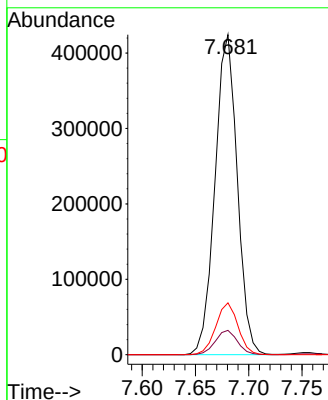
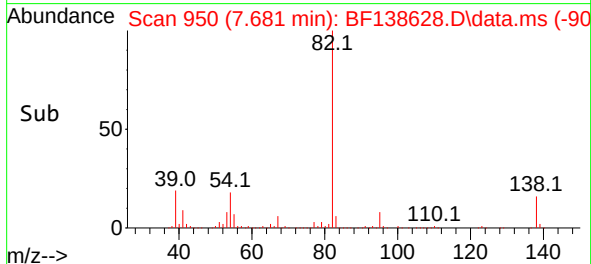
Instrument :
BNA_F
ClientSampleId :
VNJ206MS



Tgt Ion: 82 Resp: 616009
Ion Ratio Lower Upper
82 100
95 7.6 6.0 9.0
138 16.2 12.8 19.2

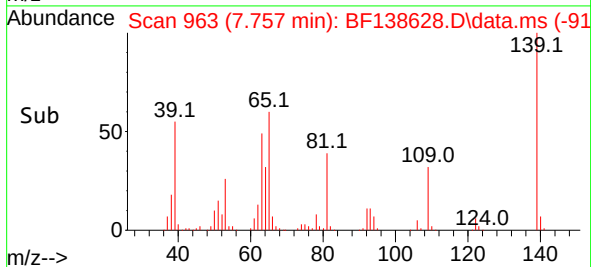
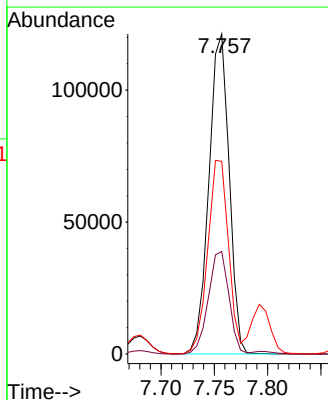
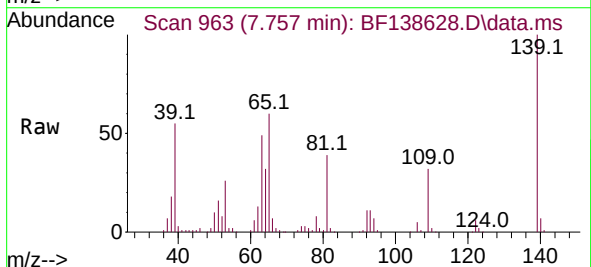
Manual Integrations
APPROVED

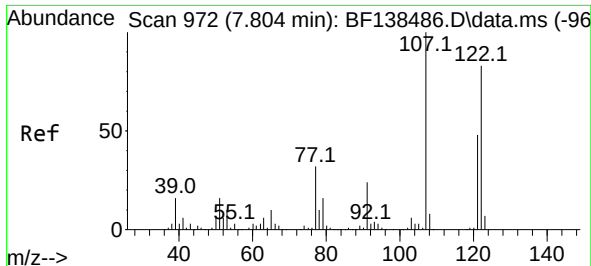
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024



#26
2-Nitrophenol
Concen: 50.294 ng
RT: 7.757 min Scan# 963
Delta R.T. -0.012 min
Lab File: BF138628.D
Acq: 23 Jul 2024 20:08

Tgt Ion:139 Resp: 160160
Ion Ratio Lower Upper
139 100
109 32.0 24.8 37.2
65 60.2 45.1 67.7





#27
2,4-Dimethylphenol
Concen: 52.153 ng m
RT: 7.792 min Scan# 90
Delta R.T. -0.012 min
Lab File: BF138628.D
Acq: 23 Jul 2024 20:08

Instrument :

BNA_F

ClientSampleId :

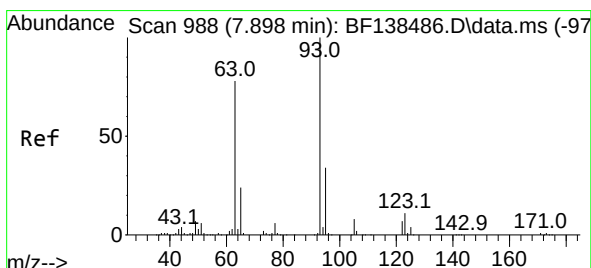
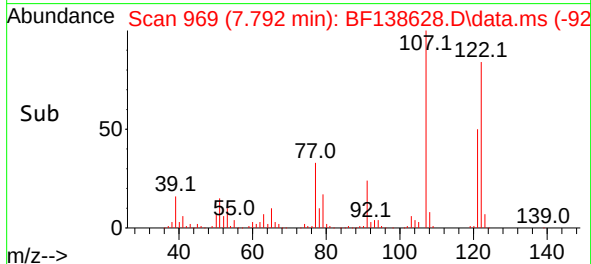
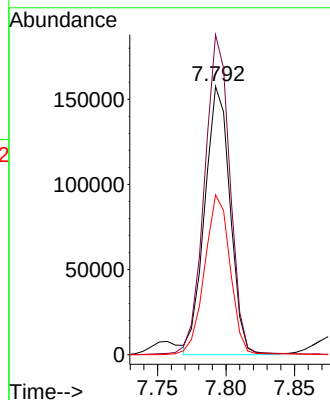
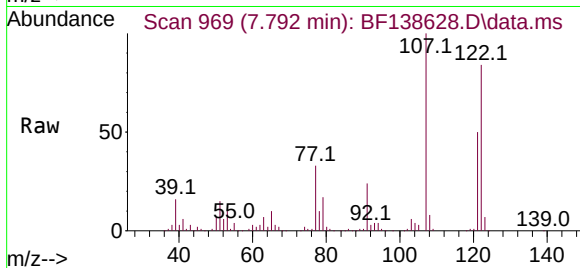
VNJ206MS

Tgt Ion:122 Resp: 204124
Ion Ratio Lower Upper
122 100
107 119.2 96.3 144.5
121 59.5 46.7 70.1

Manual Integrations

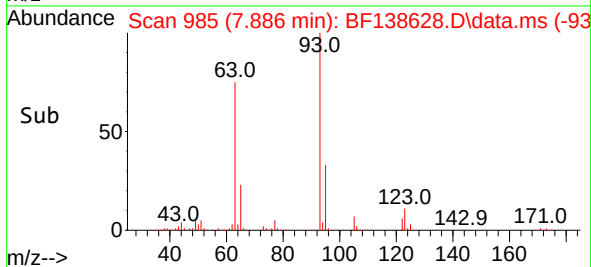
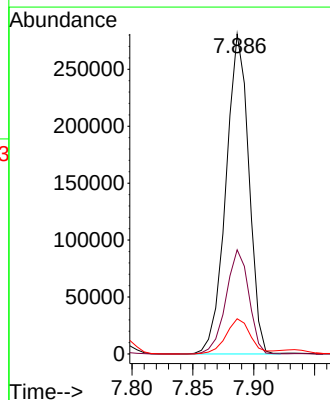
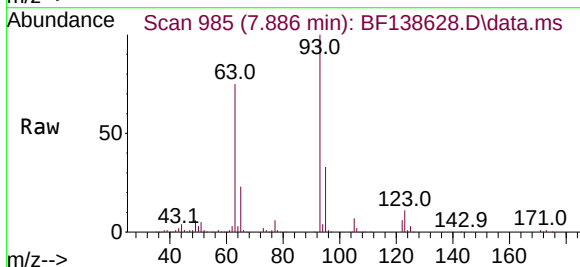
APPROVED

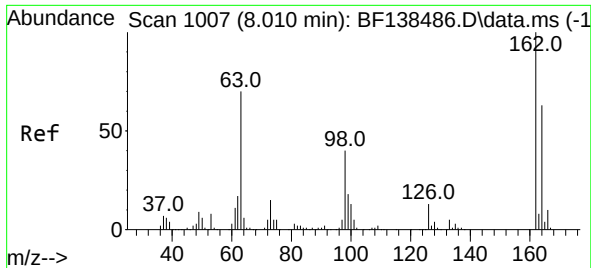
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024



#28
bis(2-Chloroethoxy)methane
Concen: 48.975 ng
RT: 7.886 min Scan# 985
Delta R.T. -0.012 min
Lab File: BF138628.D
Acq: 23 Jul 2024 20:08

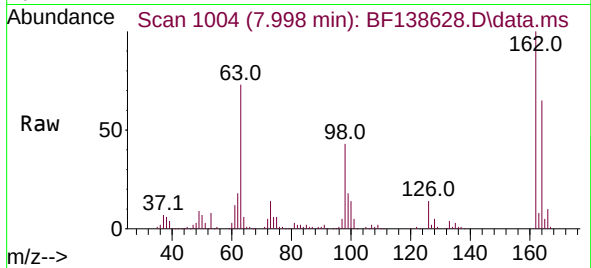
Tgt Ion: 93 Resp: 367501
Ion Ratio Lower Upper
93 100
95 32.6 27.0 40.6
123 11.0 9.1 13.7





#29
2,4-Dichlorophenol
Concen: 46.722 ng
RT: 7.998 min Scan# 1004
Delta R.T. -0.012 min
Lab File: BF138628.D
Acq: 23 Jul 2024 20:08

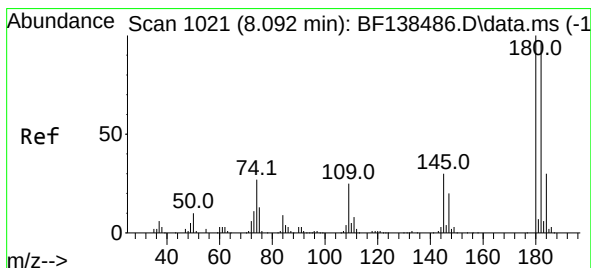
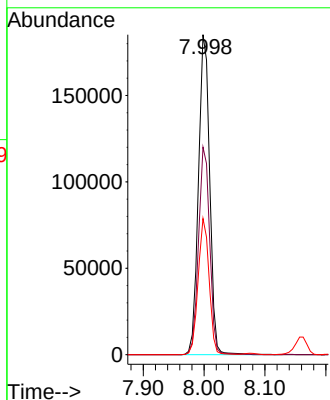
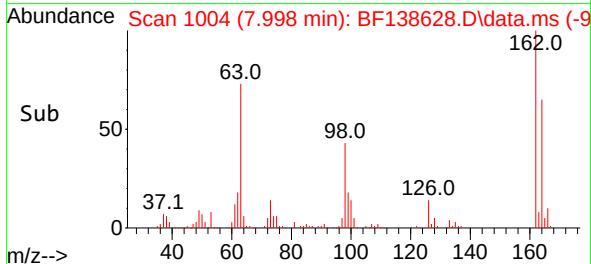
Instrument :
BNA_F
ClientSampleId :
VNJ206MS



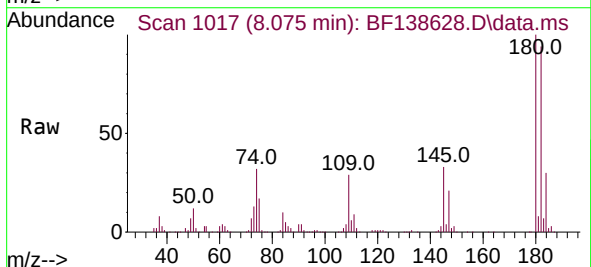
Tgt Ion:162 Resp: 237468
Ion Ratio Lower Upper
162 100
164 64.8 42.6 82.6
98 42.6 20.1 60.1

Manual Integrations
APPROVED

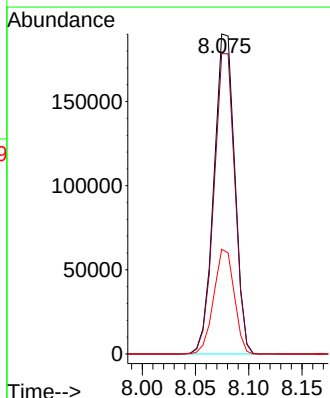
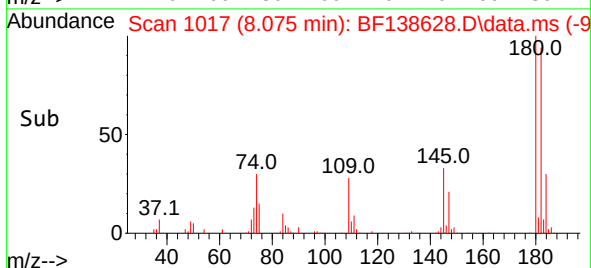
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024

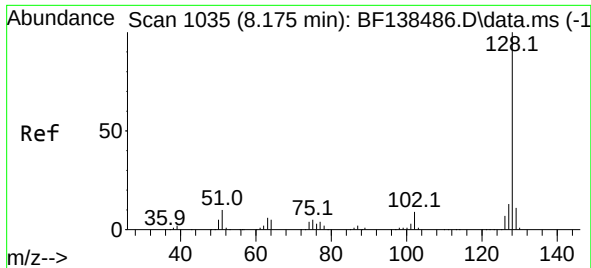


#30
1,2,4-Trichlorobenzene
Concen: 43.549 ng
RT: 8.075 min Scan# 1017
Delta R.T. -0.018 min
Lab File: BF138628.D
Acq: 23 Jul 2024 20:08



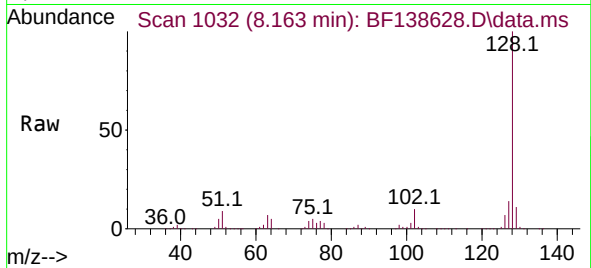
Tgt Ion:180 Resp: 257848
Ion Ratio Lower Upper
180 100
182 93.9 76.9 115.3
145 32.7 23.9 35.9





#31
Naphthalene
Concen: 46.458 ng
RT: 8.163 min Scan# 1035
Delta R.T. -0.012 min
Lab File: BF138628.D
Acq: 23 Jul 2024 20:08

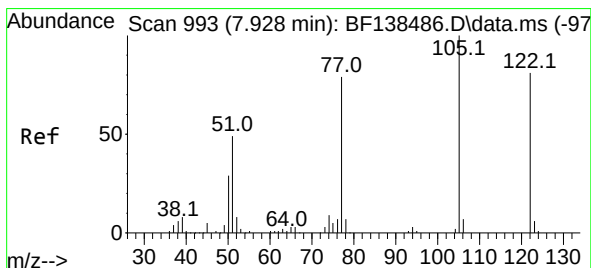
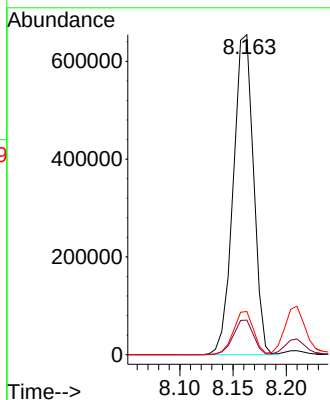
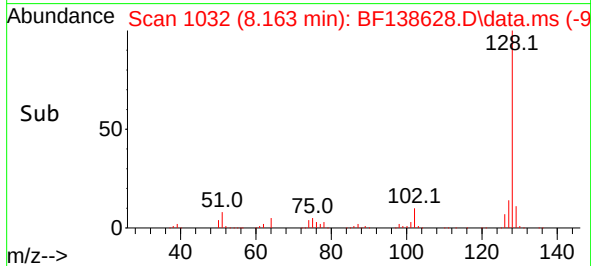
Instrument :
BNA_F
ClientSampleId :
VNJ206MS



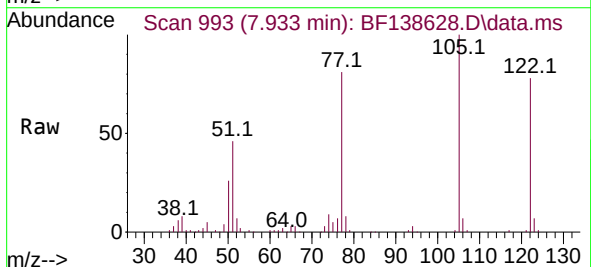
Tgt Ion:128 Resp: 867354
Ion Ratio Lower Upper
128 100
129 10.8 8.6 13.0
127 13.5 10.7 16.1

Manual Integrations
APPROVED

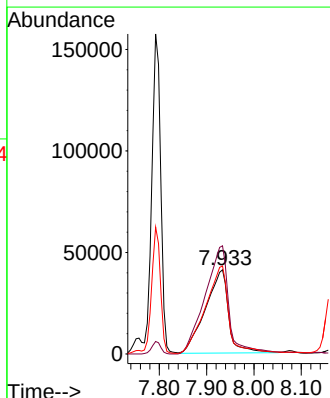
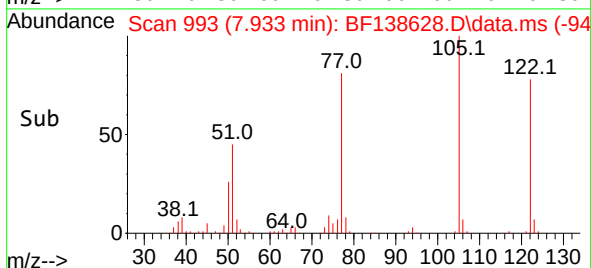
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024

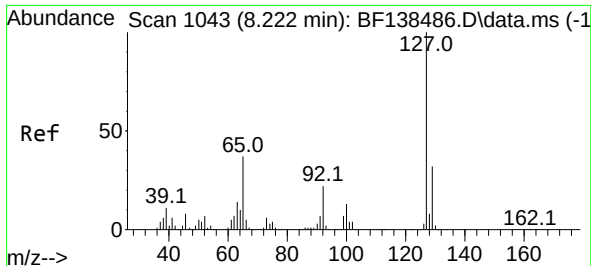


#32
Benzoic acid
Concen: 37.279 ng
RT: 7.933 min Scan# 993
Delta R.T. 0.006 min
Lab File: BF138628.D
Acq: 23 Jul 2024 20:08



Tgt Ion:122 Resp: 139161
Ion Ratio Lower Upper
122 100
105 128.5 101.5 141.5
77 104.6 77.3 117.3





#33
4-Chloroaniline
Concen: 22.364 ng
RT: 8.210 min Scan# 1040
Delta R.T. -0.012 min
Lab File: BF138628.D
Acq: 23 Jul 2024 20:08

Instrument :

BNA_F

ClientSampleId :

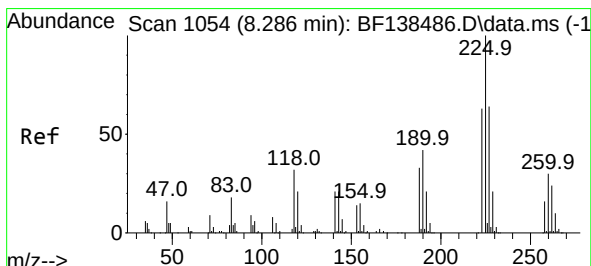
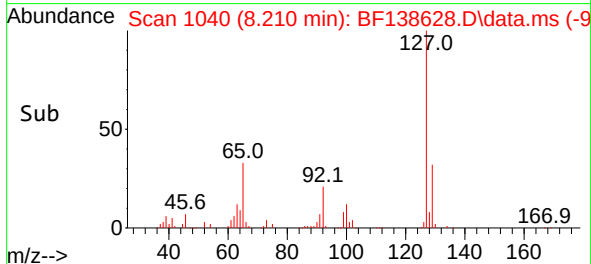
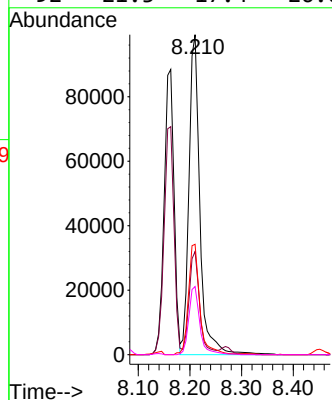
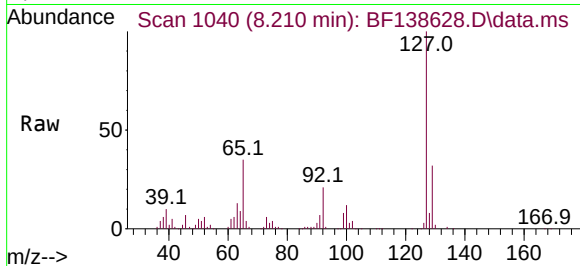
VNJ206MS

Tgt Ion:127 Resp: 146495
Ion Ratio Lower Upper
127 100
129 32.3 25.6 38.4
65 34.5 29.6 44.4
92 21.3 17.4 26.0

Manual Integrations

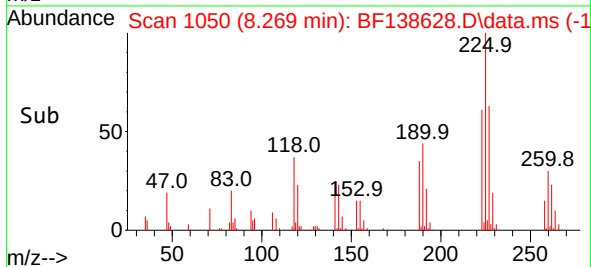
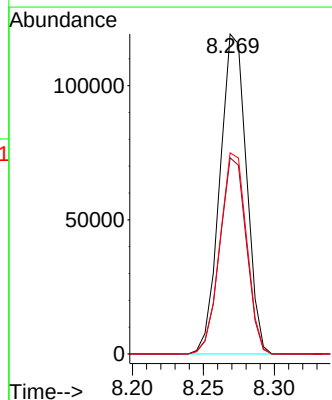
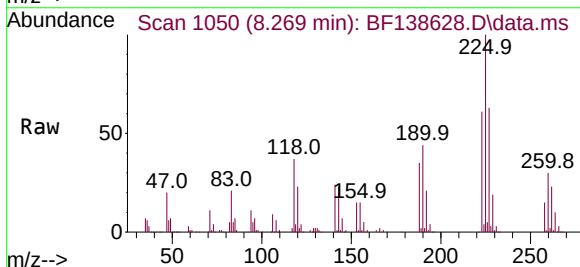
APPROVED

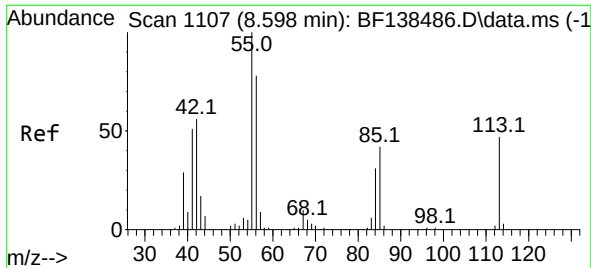
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024



#34
Hexachlorobutadiene
Concen: 42.583 ng
RT: 8.269 min Scan# 1050
Delta R.T. -0.018 min
Lab File: BF138628.D
Acq: 23 Jul 2024 20:08

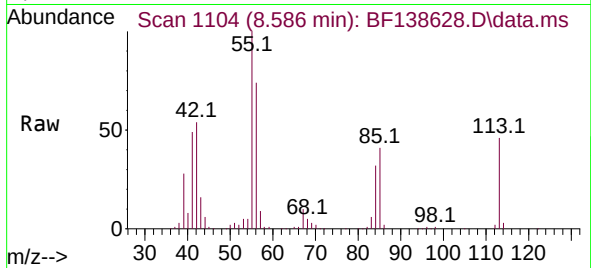
Tgt Ion:225 Resp: 155259
Ion Ratio Lower Upper
225 100
223 61.3 50.0 75.0
227 62.8 51.0 76.6





#35
 Caprolactam
 Concen: 43.601 ng m
 RT: 8.586 min Scan# 1104
 Delta R.T. -0.012 min
 Lab File: BF138628.D
 Acq: 23 Jul 2024 20:08

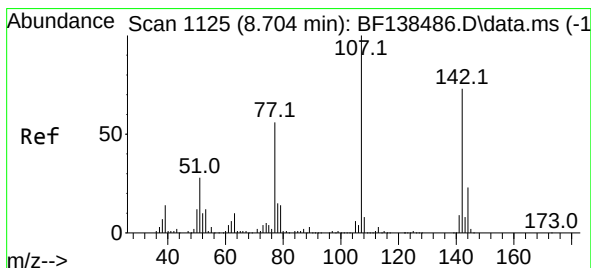
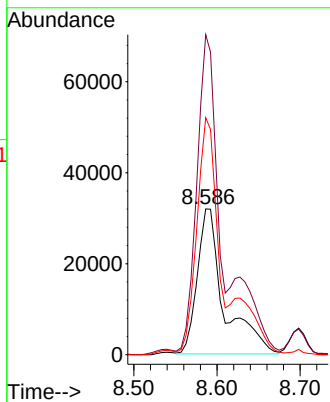
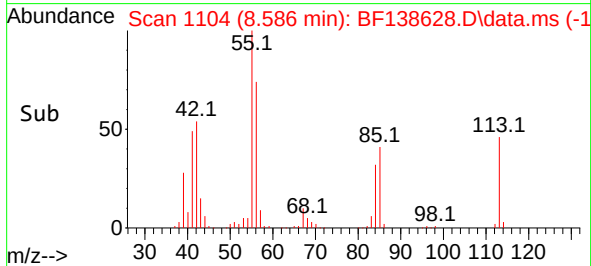
Instrument :
 BNA_F
 ClientSampleId :
 VNJ206MS



Tgt Ion:113 Resp: 71509
 Ion Ratio Lower Upper
 113 100
 55 219.4 192.5 232.5
 56 162.5 145.3 185.3

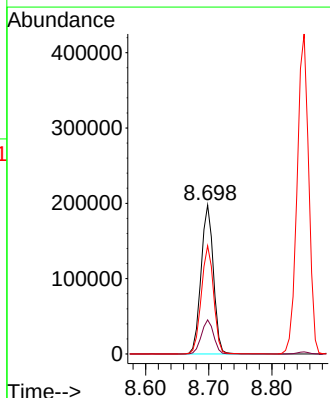
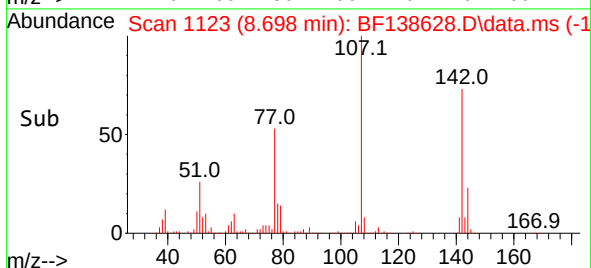
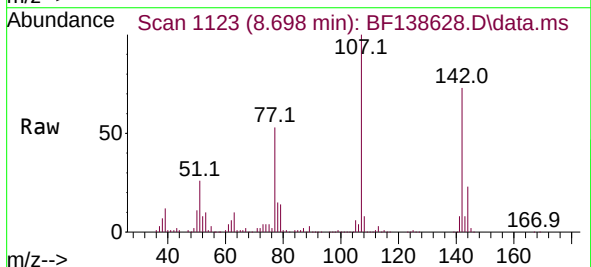
Manual Integrations
 APPROVED

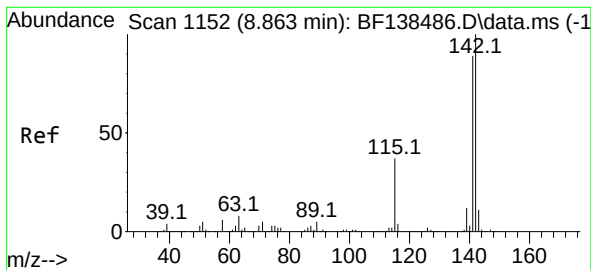
Reviewed By :Jagrut Upadhyay 07/24/2024
 Supervised By :mohammad ahmed 07/30/2024



#36
 4-Chloro-3-methylphenol
 Concen: 47.199 ng
 RT: 8.698 min Scan# 1123
 Delta R.T. -0.006 min
 Lab File: BF138628.D
 Acq: 23 Jul 2024 20:08

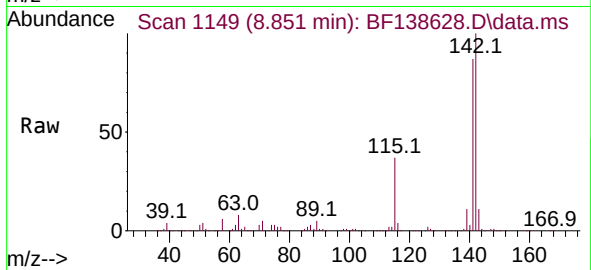
Tgt Ion:107 Resp: 268570
 Ion Ratio Lower Upper
 107 100
 144 22.8 18.6 27.8
 142 72.6 58.6 88.0





#37
2-Methylnaphthalene
Concen: 44.983 ng
RT: 8.851 min Scan# 1149
Delta R.T. -0.012 min
Lab File: BF138628.D
Acq: 23 Jul 2024 20:08

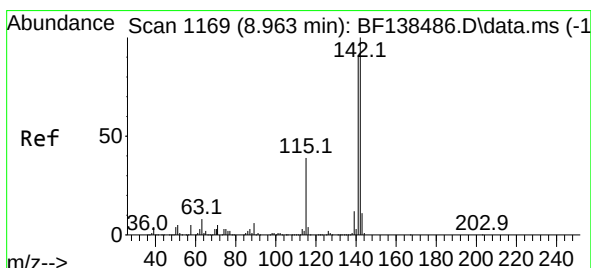
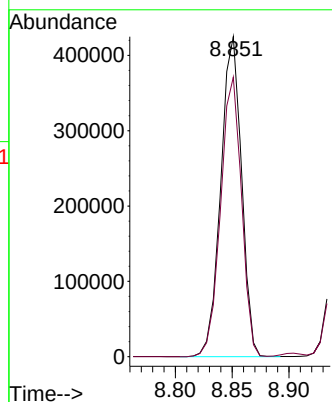
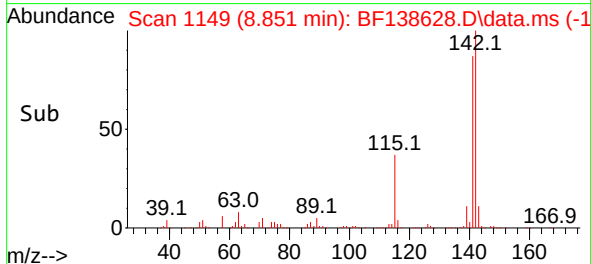
Instrument :
BNA_F
ClientSampleId :
VNJ206MS



Tgt Ion:142 Resp: 540438
Ion Ratio Lower Upper
142 100
141 87.3 71.4 107.0

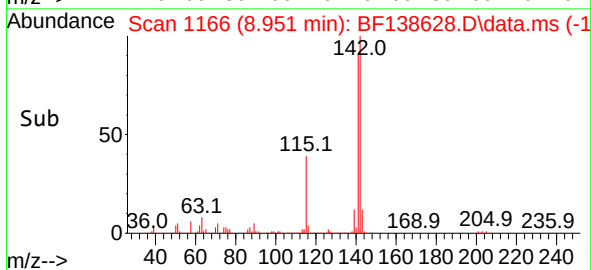
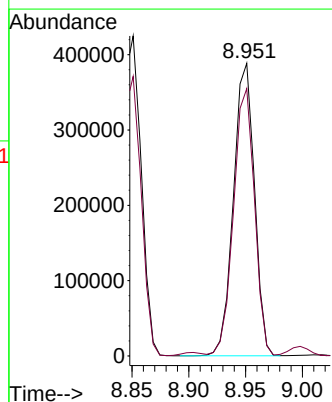
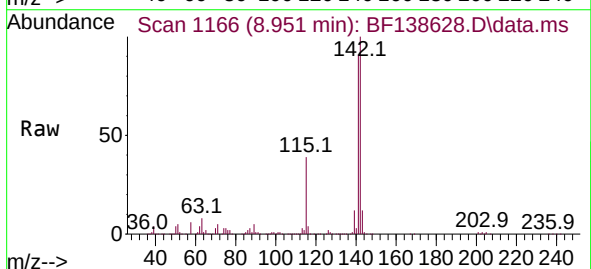
Manual Integrations
APPROVED

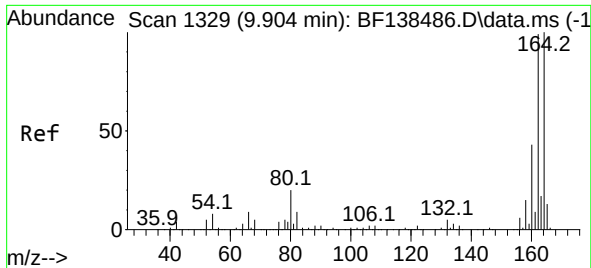
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024



#38
1-Methylnaphthalene
Concen: 42.585 ng
RT: 8.951 min Scan# 1166
Delta R.T. -0.012 min
Lab File: BF138628.D
Acq: 23 Jul 2024 20:08

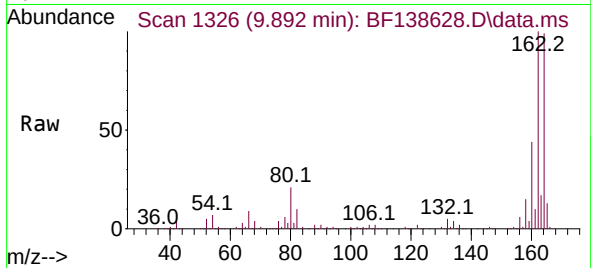
Tgt Ion:142 Resp: 499329
Ion Ratio Lower Upper
142 100
141 91.4 72.6 108.8





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.892 min Scan# 1177
Delta R.T. -0.012 min
Lab File: BF138628.D
Acq: 23 Jul 2024 20:08

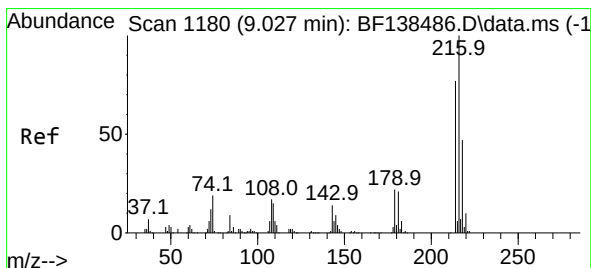
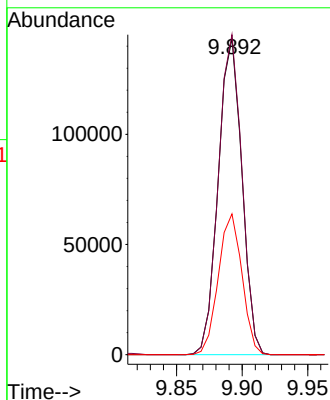
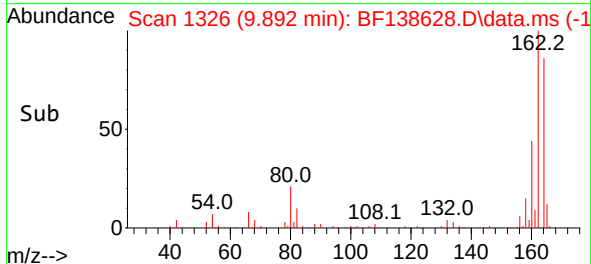
Instrument :
BNA_F
ClientSampleId :
VNJ206MS



Tgt Ion:164 Resp: 179804
Ion Ratio Lower Upper
164 100
162 101.2 79.0 118.6
160 44.5 34.4 51.6

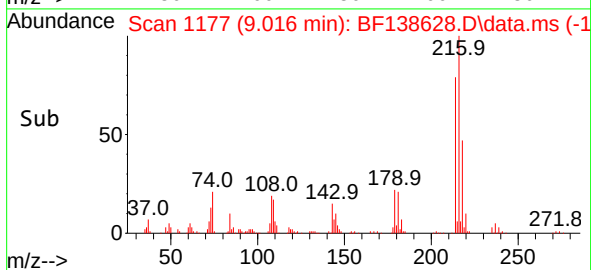
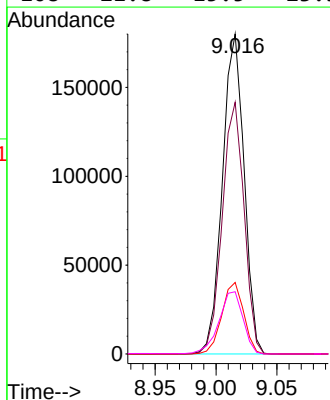
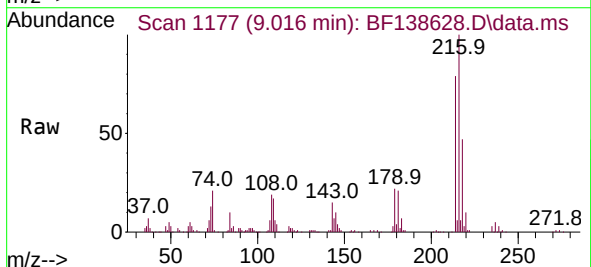
Manual Integrations
APPROVED

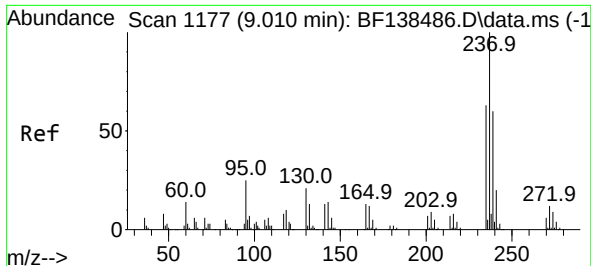
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024



#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.525 ng
RT: 9.016 min Scan# 1177
Delta R.T. -0.012 min
Lab File: BF138628.D
Acq: 23 Jul 2024 20:08

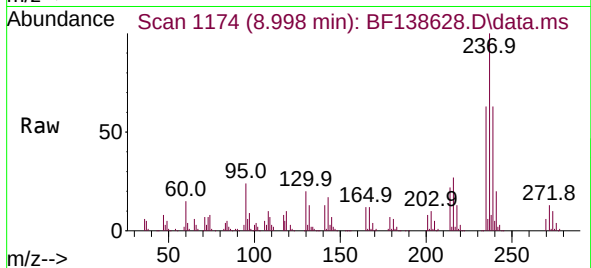
Tgt Ion:216 Resp: 223127
Ion Ratio Lower Upper
216 100
214 79.2 62.8 94.2
179 22.6 17.7 26.5
108 21.8 15.5 23.3





#41
Hexachlorocyclopentadiene
Concen: 74.866 ng
RT: 8.998 min Scan# 1174
Delta R.T. -0.012 min
Lab File: BF138628.D
Acq: 23 Jul 2024 20:08

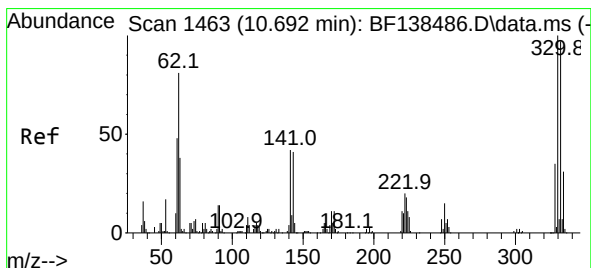
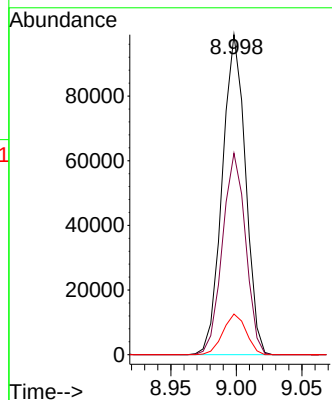
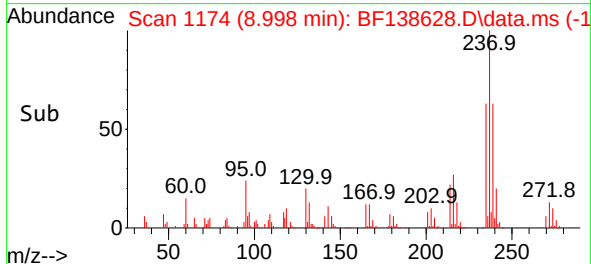
Instrument :
BNA_F
ClientSampleId :
VNJ206MS



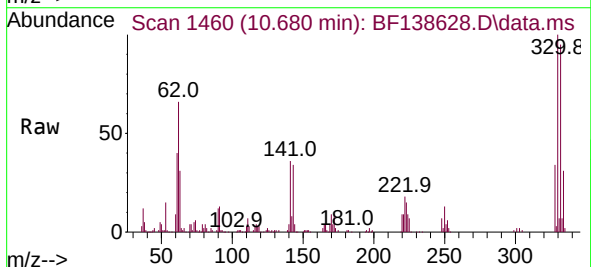
Tgt Ion:237 Resp: 121774
Ion Ratio Lower Upper
237 100
235 63.0 43.3 83.3
272 12.7 0.0 32.3

Manual Integrations
APPROVED

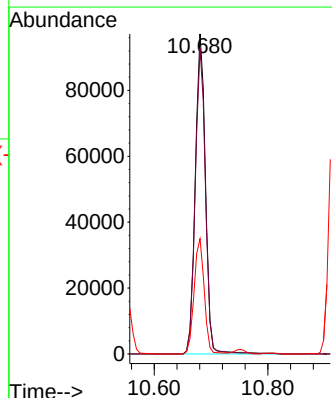
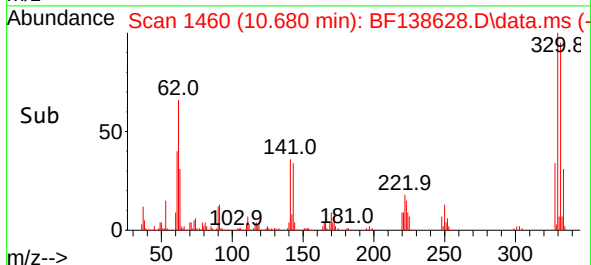
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024

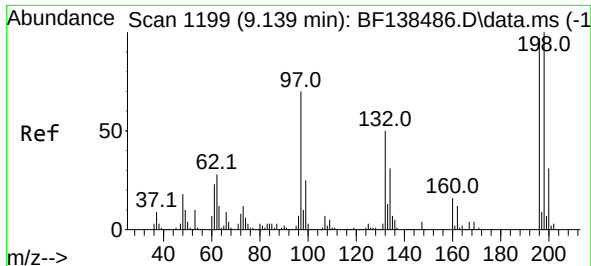


#42
2,4,6-Tribromophenol
Concen: 72.422 ng
RT: 10.680 min Scan# 1460
Delta R.T. -0.012 min
Lab File: BF138628.D
Acq: 23 Jul 2024 20:08



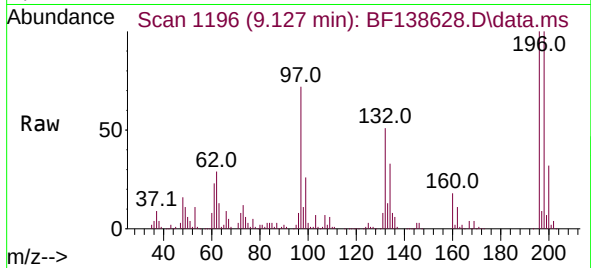
Tgt Ion:330 Resp: 121702
Ion Ratio Lower Upper
330 100
332 95.6 76.8 115.2
141 35.8 29.4 44.2





#43
2,4,6-Trichlorophenol
Concen: 48.299 ng
RT: 9.127 min Scan# 1199
Delta R.T. -0.012 min
Lab File: BF138628.D
Acq: 23 Jul 2024 20:08

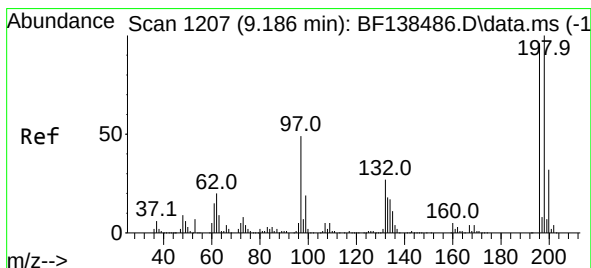
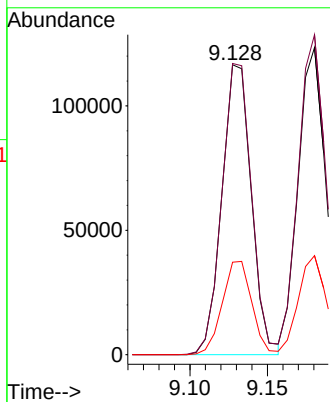
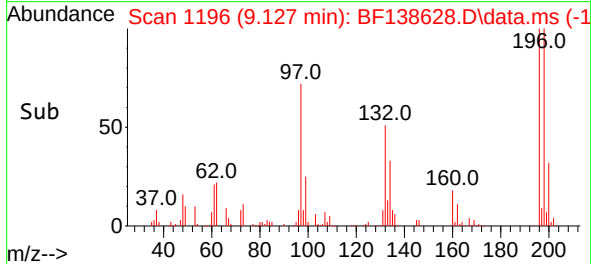
Instrument :
BNA_F
ClientSampleId :
VNJ206MS



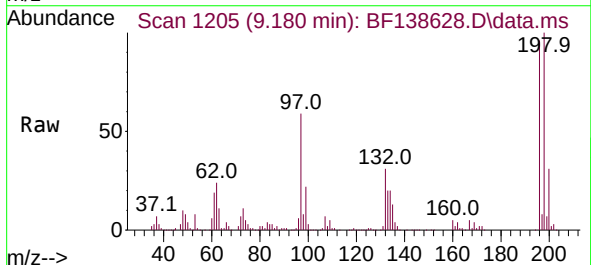
Tgt Ion:196 Resp: 154390
Ion Ratio Lower Upper
196 100
198 100.5 82.3 123.5
200 31.9 25.8 38.6

Manual Integrations
APPROVED

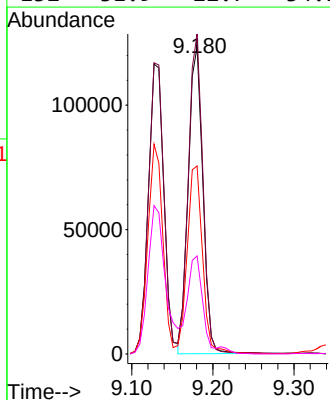
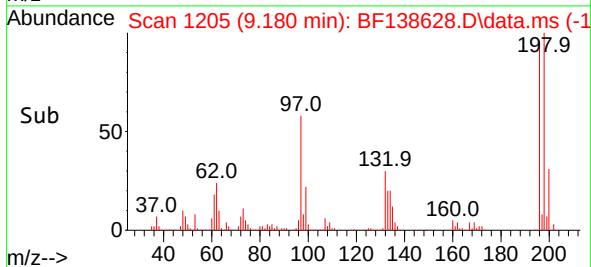
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024

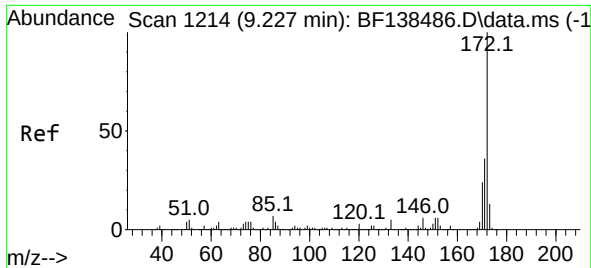


#44
2,4,5-Trichlorophenol
Concen: 43.979 ng
RT: 9.180 min Scan# 1205
Delta R.T. -0.006 min
Lab File: BF138628.D
Acq: 23 Jul 2024 20:08



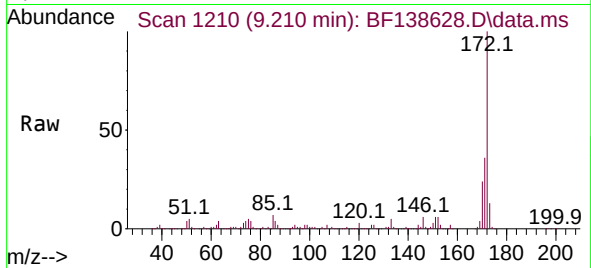
Tgt Ion:196 Resp: 154625
Ion Ratio Lower Upper
196 100
198 104.2 82.8 124.2
97 61.2 41.0 61.4
132 31.9 22.7 34.1





#45
2-Fluorobiphenyl
Concen: 57.300 ng
RT: 9.210 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF138628.D
Acq: 23 Jul 2024 20:08

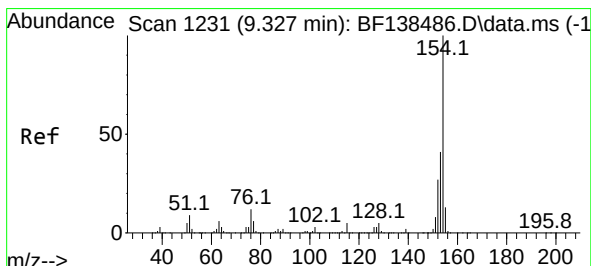
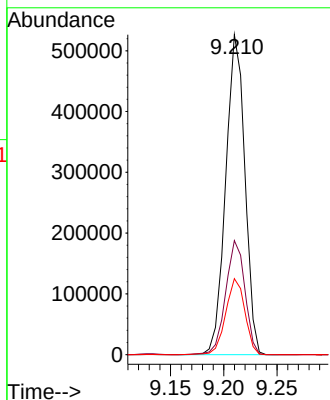
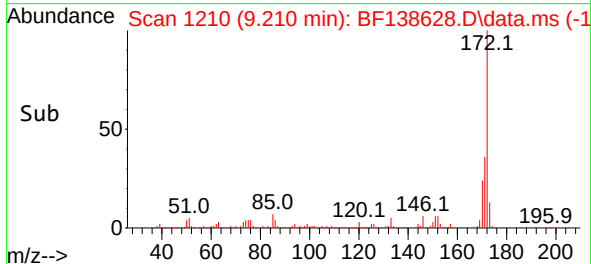
Instrument :
BNA_F
ClientSampleId :
VNJ206MS



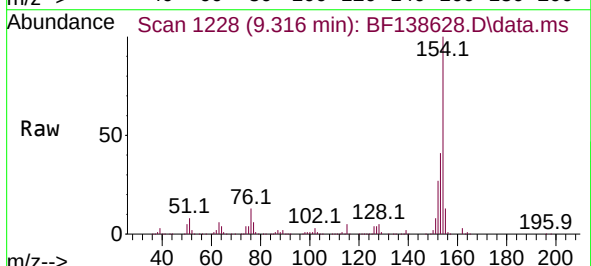
Tgt Ion:172 Resp: 65921
Ion Ratio Lower Upper
172 100
171 35.6 28.9 43.3
170 23.8 18.9 28.3

Manual Integrations
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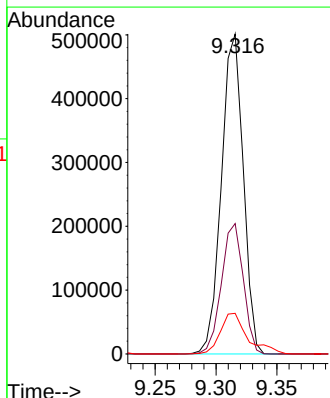
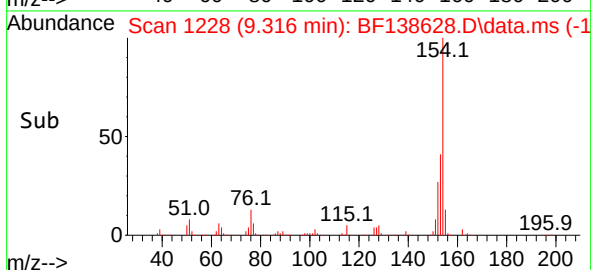
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024

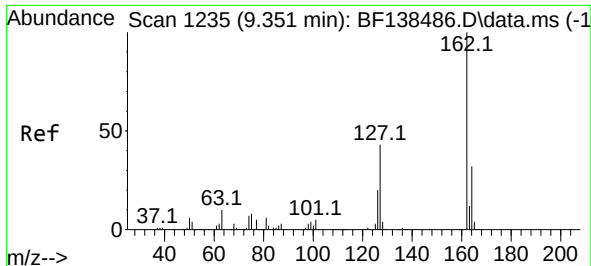


#46
1,1'-Biphenyl
Concen: 46.012 ng
RT: 9.316 min Scan# 1228
Delta R.T. -0.012 min
Lab File: BF138628.D
Acq: 23 Jul 2024 20:08



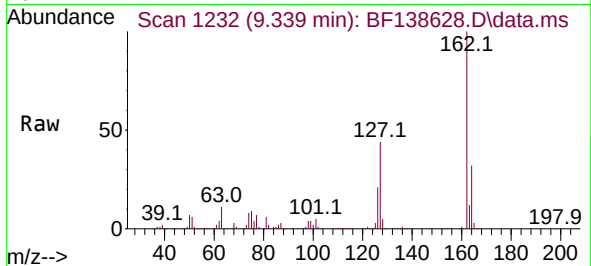
Tgt Ion:154 Resp: 626981
Ion Ratio Lower Upper
154 100
153 40.7 20.7 60.7
76 12.7 0.0 32.2





#47
2-Chloronaphthalene
Concen: 47.781 ng
RT: 9.339 min Scan# 1235
Delta R.T. -0.012 min
Lab File: BF138628.D
Acq: 23 Jul 2024 20:08

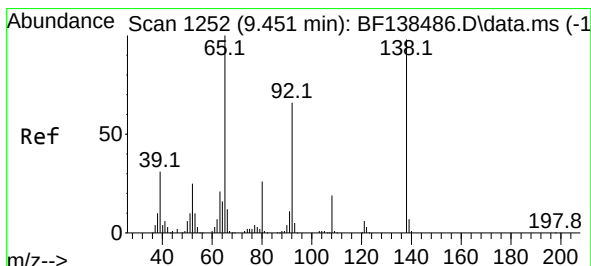
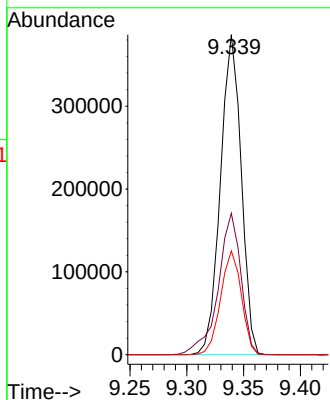
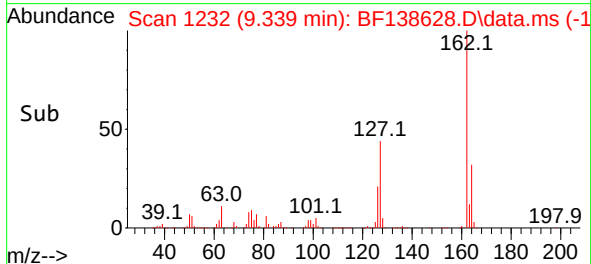
Instrument :
BNA_F
ClientSampleId :
VNJ206MS



Tgt Ion:162 Resp: 491860
Ion Ratio Lower Upper
162 100
127 44.2 34.8 52.2
164 32.5 25.6 38.4

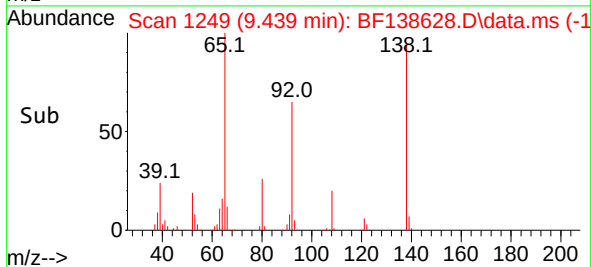
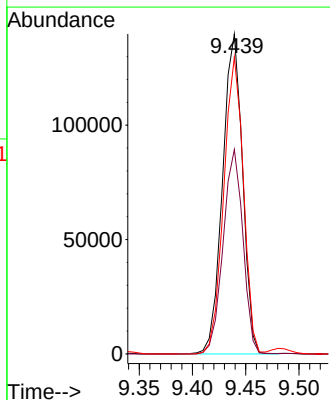
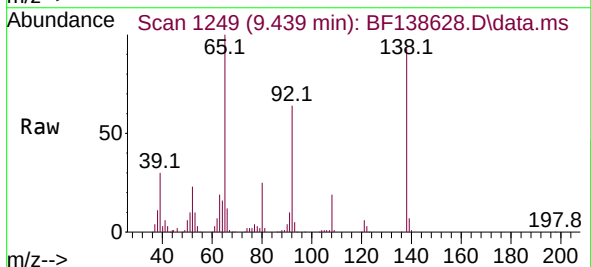
Manual Integrations
APPROVED

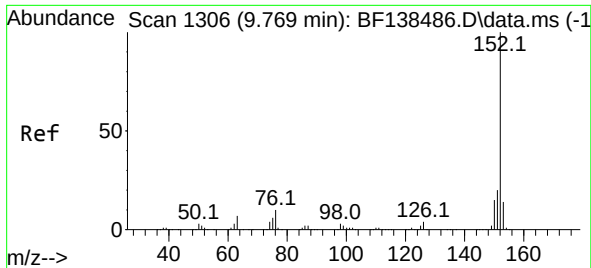
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024



#48
2-Nitroaniline
Concen: 51.127 ng
RT: 9.439 min Scan# 1249
Delta R.T. -0.012 min
Lab File: BF138628.D
Acq: 23 Jul 2024 20:08

Tgt Ion: 65 Resp: 182380
Ion Ratio Lower Upper
65 100
92 63.9 52.6 78.8
138 92.8 78.6 118.0





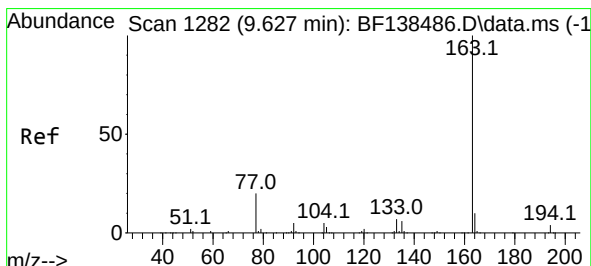
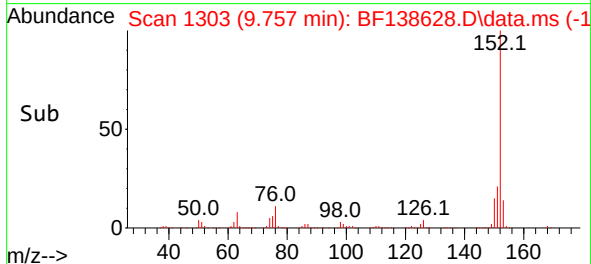
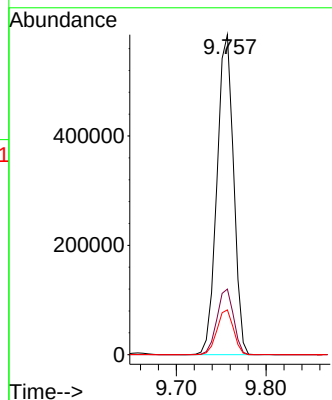
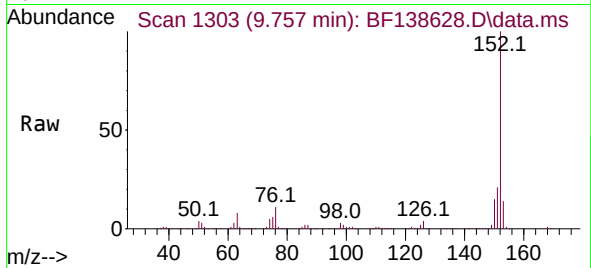
#49
Acenaphthylene
Concen: 51.430 ng
RT: 9.757 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF138628.D
Acq: 23 Jul 2024 20:08

Instrument :
BNA_F
ClientSampleId :
VNJ206MS

Tgt Ion:152 Resp: 751660
Ion Ratio Lower Upper
152 100
151 20.5 16.3 24.5
153 14.0 11.3 16.9

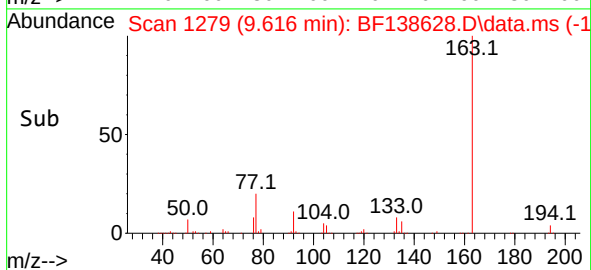
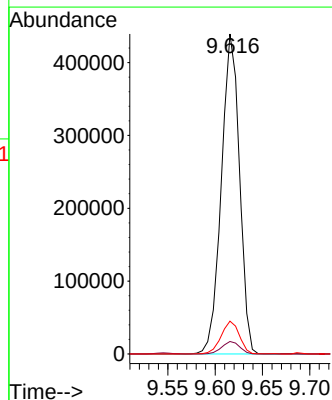
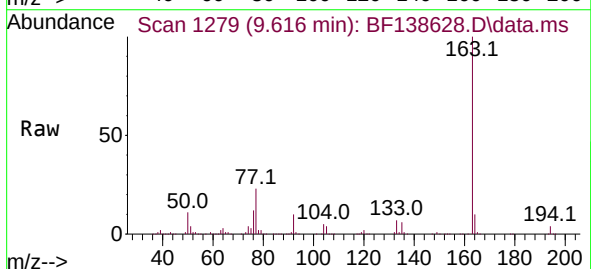
Manual Integrations
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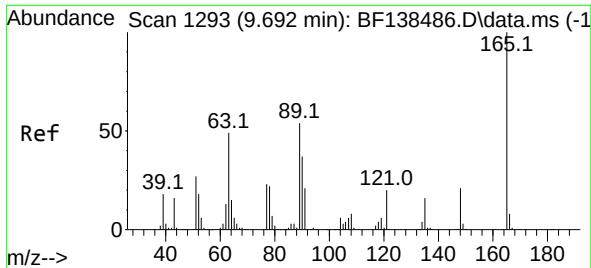
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024



#50
Dimethylphthalate
Concen: 50.455 ng
RT: 9.616 min Scan# 1279
Delta R.T. -0.012 min
Lab File: BF138628.D
Acq: 23 Jul 2024 20:08

Tgt Ion:163 Resp: 586613
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.6
164 10.2 8.1 12.1





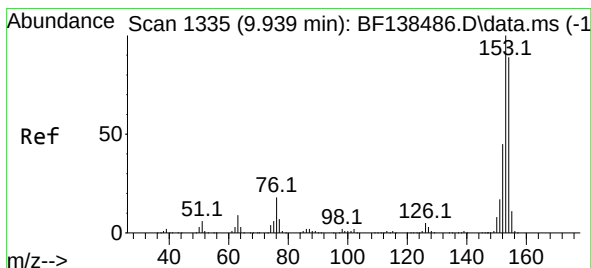
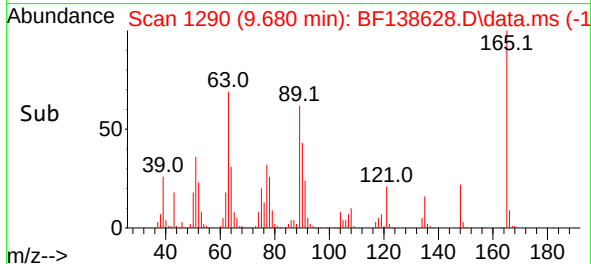
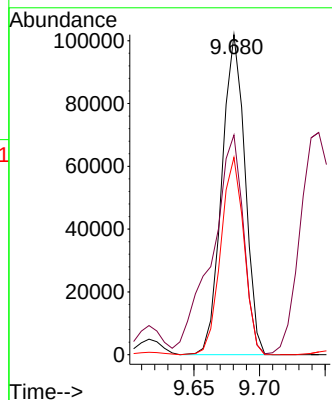
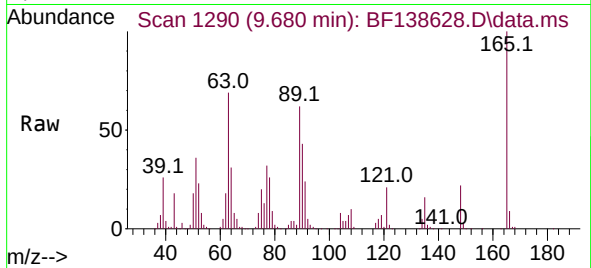
#51
2,6-Dinitrotoluene
Concen: 46.635 ng
RT: 9.680 min Scan# 1293
Delta R.T. -0.012 min
Lab File: BF138628.D
Acq: 23 Jul 2024 20:08

Instrument :
BNA_F
ClientSampleId :
VNJ206MS

Tgt Ion:165 Resp: 12484
Ion Ratio Lower Upper
165 100
63 68.6 48.1 72.1
89 61.7 43.0 64.6

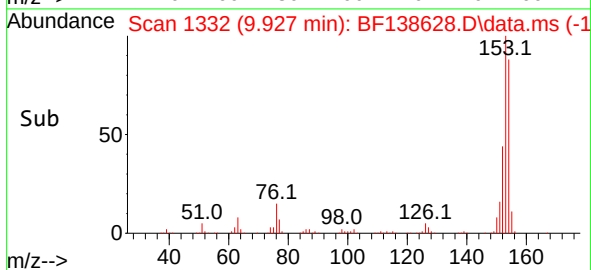
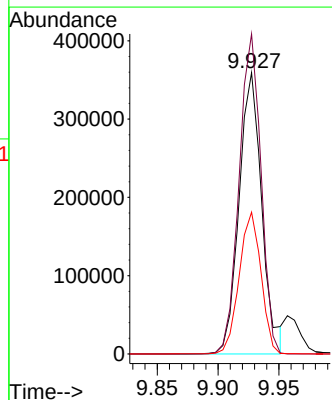
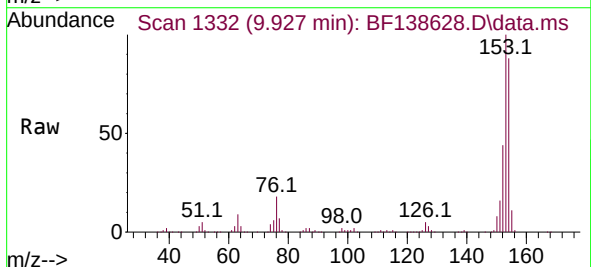
Manual Integrations
APPROVED

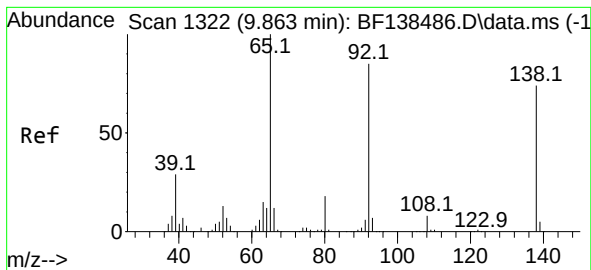
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024



#52
Acenaphthene
Concen: 48.034 ng
RT: 9.927 min Scan# 1332
Delta R.T. -0.012 min
Lab File: BF138628.D
Acq: 23 Jul 2024 20:08

Tgt Ion:154 Resp: 466658
Ion Ratio Lower Upper
154 100
153 113.8 90.4 135.6
152 50.4 41.1 61.7





#53

3-Nitroaniline

Concen: 34.740 ng

RT: 9.851 min Scan# 1319

Delta R.T. -0.012 min

Lab File: BF138628.D

Acq: 23 Jul 2024 20:08

Instrument :

BNA_F

ClientSampleId :

VNJ206MS

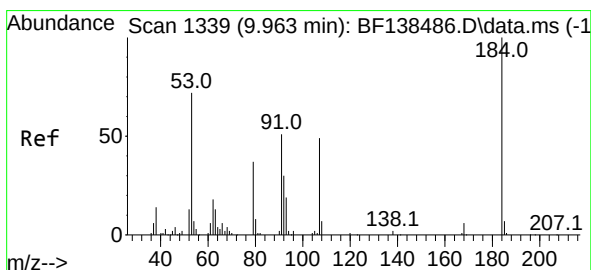
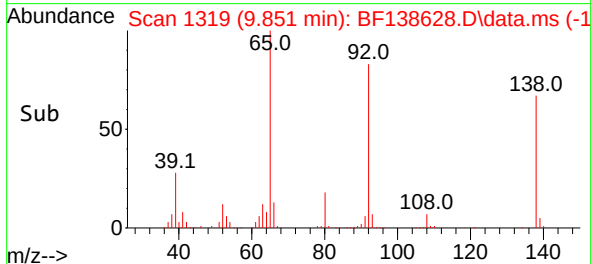
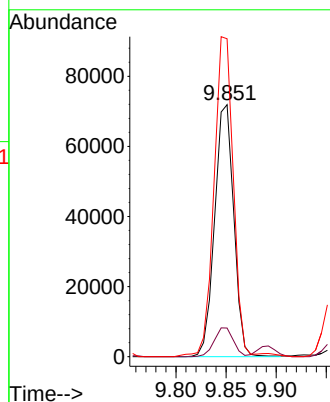
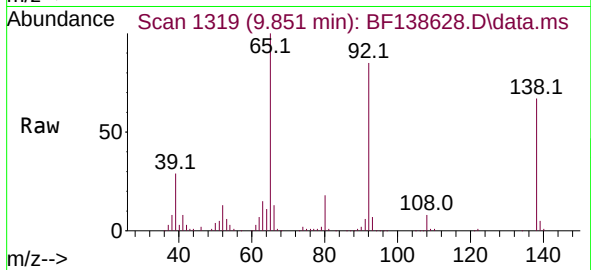
Tgt Ion:138 Resp: 9531

Ion	Ratio	Lower	Upper
138	100		
108	11.4	8.3	12.5
92	126.2	92.6	138.8

Manual Integrations

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Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024



#54

2,4-Dinitrophenol

Concen: 65.499 ng

RT: 9.957 min Scan# 1337

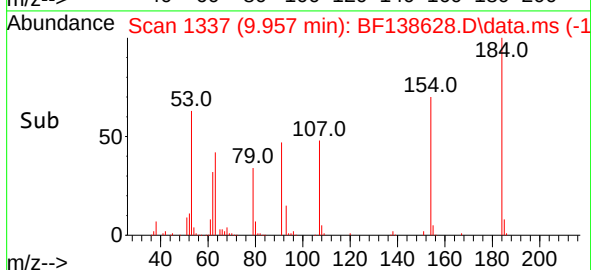
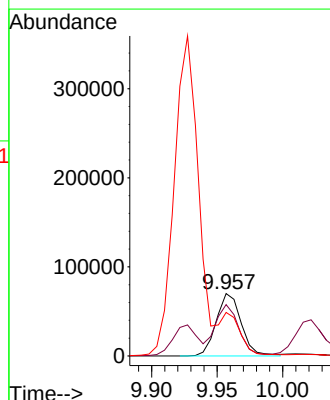
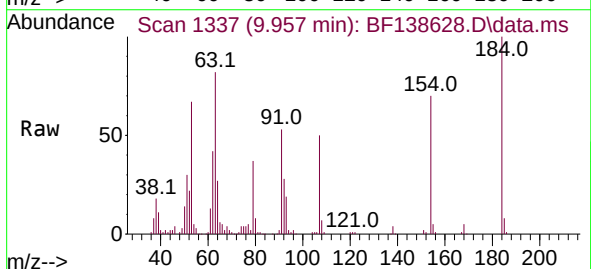
Delta R.T. -0.006 min

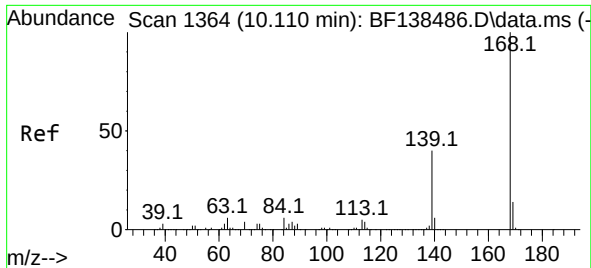
Lab File: BF138628.D

Acq: 23 Jul 2024 20:08

Tgt Ion:184 Resp: 92812

Ion	Ratio	Lower	Upper
184	100		
63	82.4	70.6	106.0
154	69.9	53.8	80.6





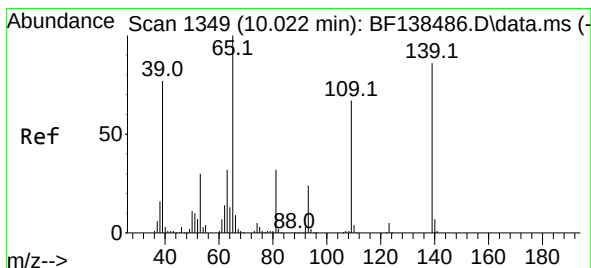
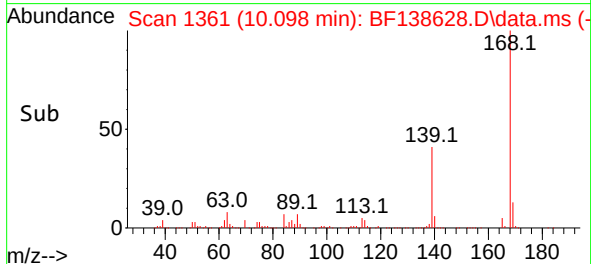
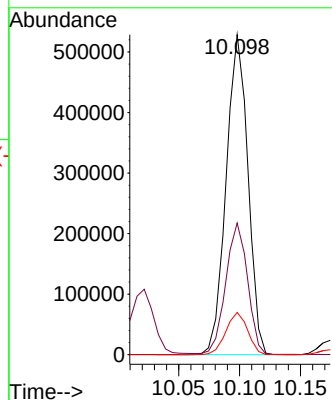
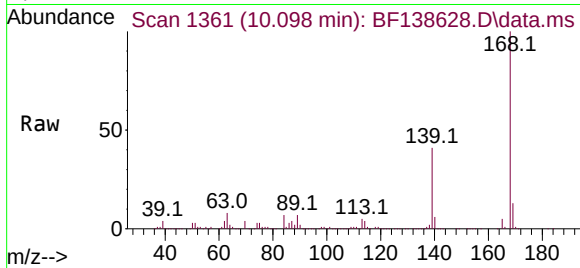
#55
Dibenzenofuran
Concen: 46.702 ng
RT: 10.098 min Scan# 1361
Delta R.T. -0.012 min
Lab File: BF138628.D
Acq: 23 Jul 2024 20:08

Instrument :
BNA_F
ClientSampleId :
VNJ206MS

Tgt Ion:168 Resp: 65809
Ion Ratio Lower Upper
168 100
139 41.1 32.4 48.6
169 13.2 10.9 16.3

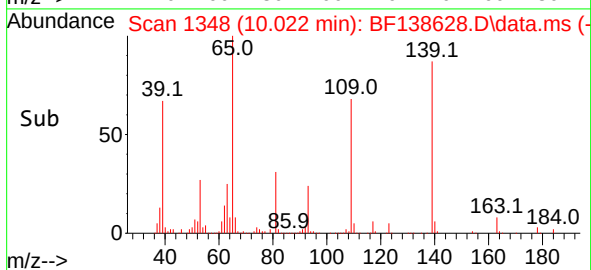
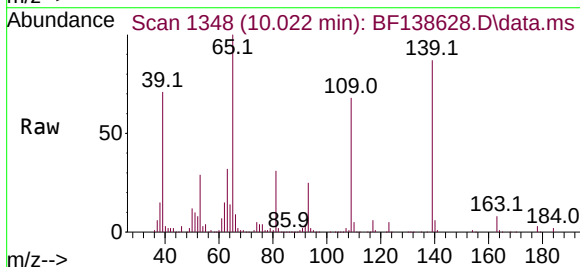
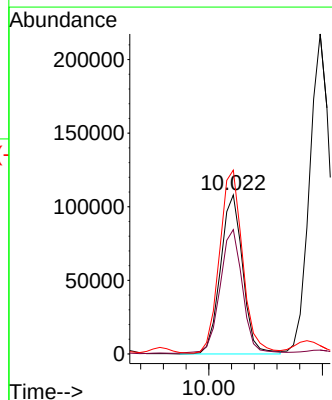
Manual Integrations
APPROVED

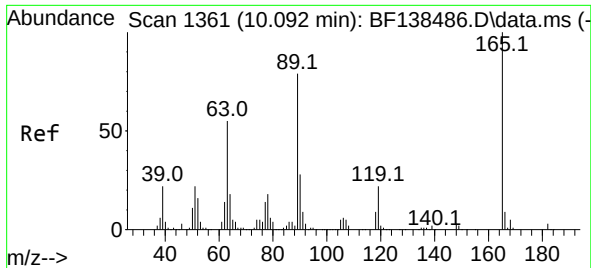
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024



#56
4-Nitrophenol
Concen: 72.670 ng
RT: 10.022 min Scan# 1348
Delta R.T. 0.000 min
Lab File: BF138628.D
Acq: 23 Jul 2024 20:08

Tgt Ion:139 Resp: 147118
Ion Ratio Lower Upper
139 100
109 78.2 58.1 98.1
65 115.6 96.9 136.9





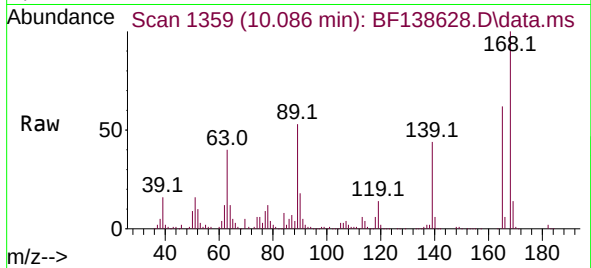
#57
2,4-Dinitrotoluene
Concen: 44.979 ng
RT: 10.086 min Scan# 1419
Delta R.T. -0.006 min
Lab File: BF138628.D
Acq: 23 Jul 2024 20:08

Instrument :

BNA_F

ClientSampleId :

VNJ206MS

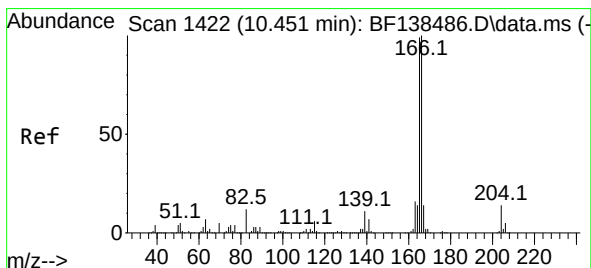
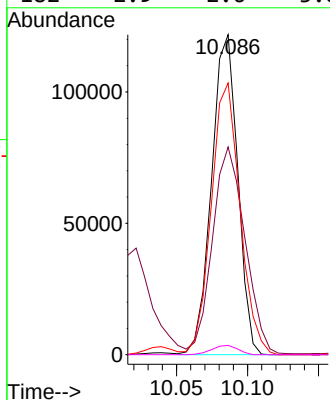
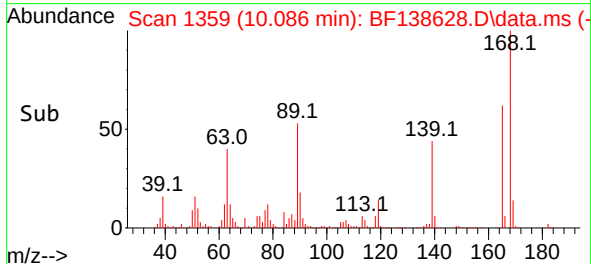


Tgt Ion:165 Resp: 155789
Ion Ratio Lower Upper
165 100
63 64.9 44.6 66.8
89 84.9 63.4 95.2
182 2.9 2.6 3.8

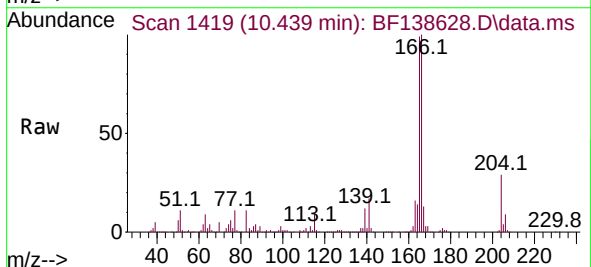
Manual Integrations

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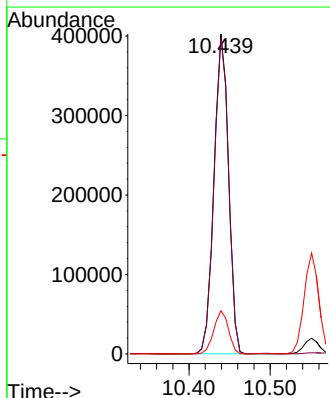
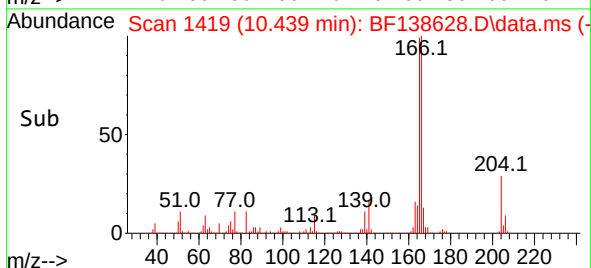
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024

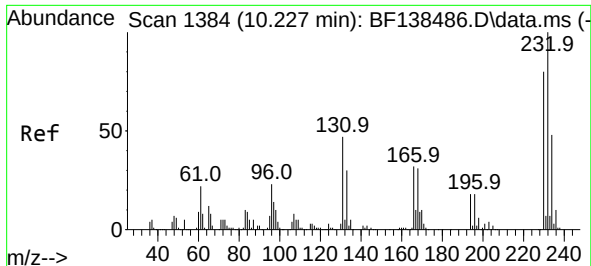


#58
Fluorene
Concen: 44.924 ng
RT: 10.439 min Scan# 1419
Delta R.T. -0.012 min
Lab File: BF138628.D
Acq: 23 Jul 2024 20:08



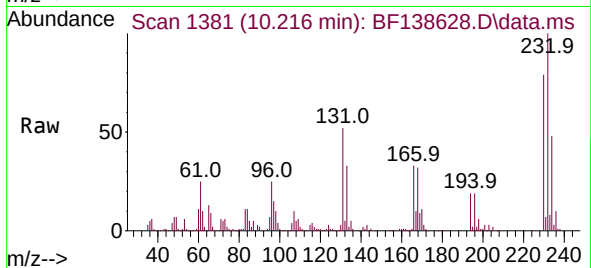
Tgt Ion:166 Resp: 500892
Ion Ratio Lower Upper
166 100
165 98.9 79.1 118.7
167 13.5 11.0 16.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 41.886 ng
RT: 10.216 min Scan# 11622
Delta R.T. -0.012 min
Lab File: BF138628.D
Acq: 23 Jul 2024 20:08

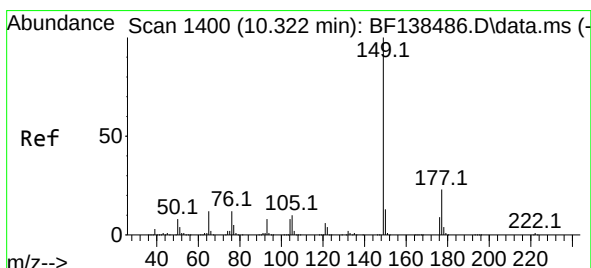
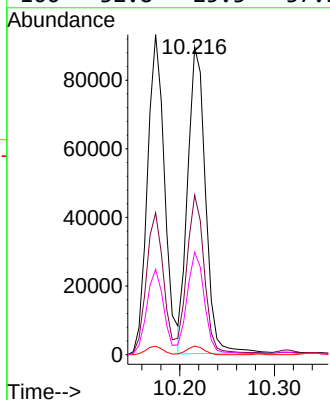
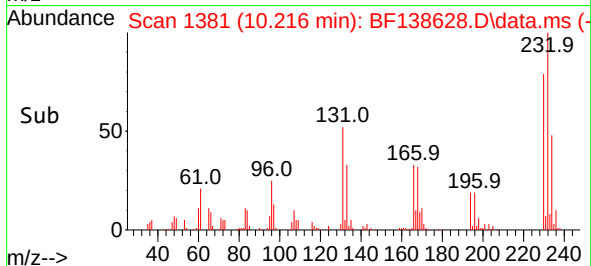
Instrument :
BNA_F
ClientSampleId :
VNJ206MS



Tgt Ion:232 Resp: 11622
Ion Ratio Lower Upper
232 100
131 51.1 37.5 56.3
130 2.7 2.0 3.0
166 32.8 25.3 37.9

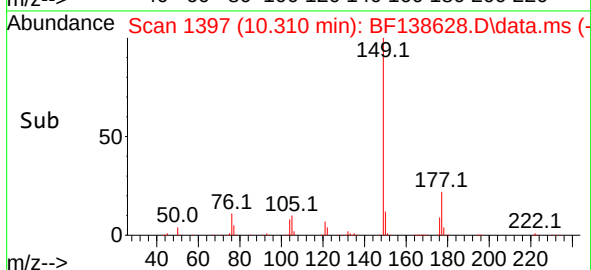
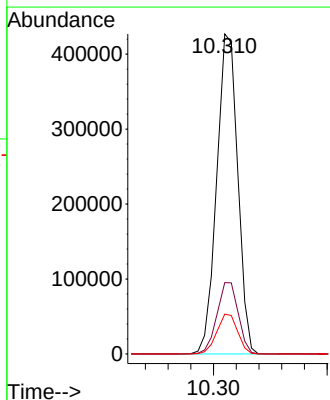
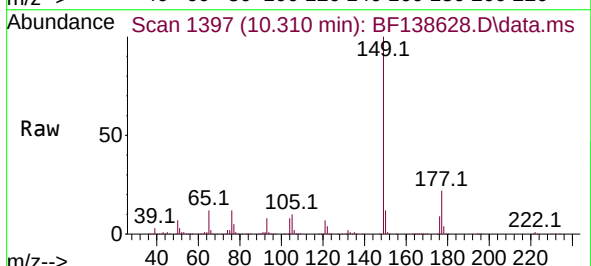
Manual Integrations
APPROVED

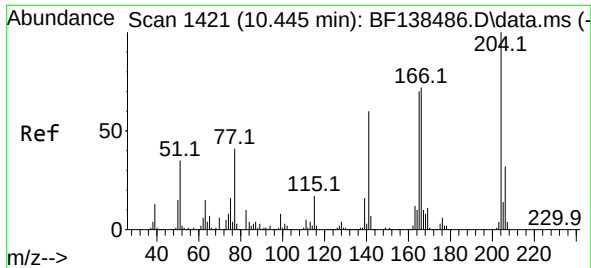
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024



#60
Diethylphthalate
Concen: 49.066 ng
RT: 10.310 min Scan# 1397
Delta R.T. -0.012 min
Lab File: BF138628.D
Acq: 23 Jul 2024 20:08

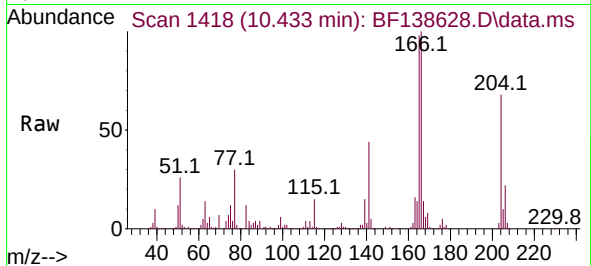
Tgt Ion:149 Resp: 549946
Ion Ratio Lower Upper
149 100
177 22.3 18.5 27.7
150 12.4 10.3 15.5





#61
4-Chlorophenyl-phenylether
Concen: 45.003 ng
RT: 10.433 min Scan# 1418
Delta R.T. -0.012 min
Lab File: BF138628.D
Acq: 23 Jul 2024 20:08

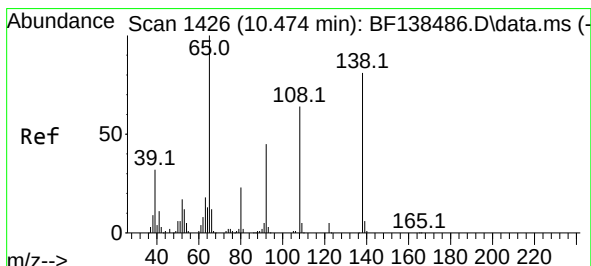
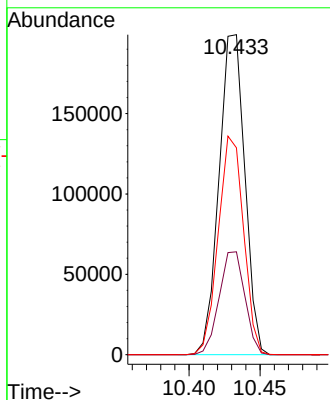
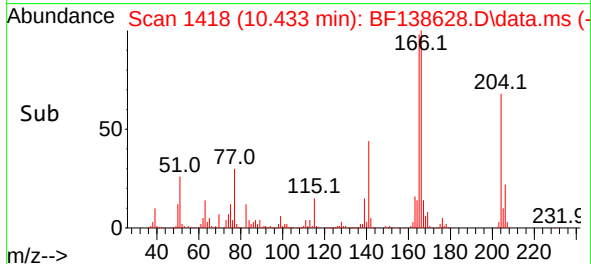
Instrument :
BNA_F
ClientSampleId :
VNJ206MS



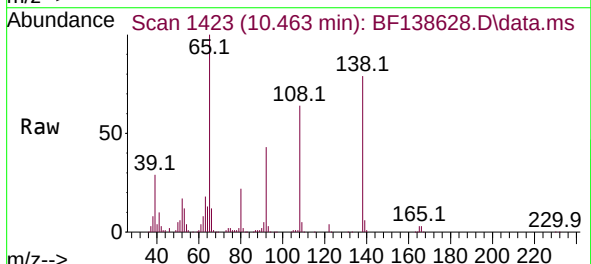
Tgt Ion:204 Resp: 251964
Ion Ratio Lower Upper
204 100
206 32.1 25.6 38.4
141 64.7 47.7 71.5

Manual Integrations
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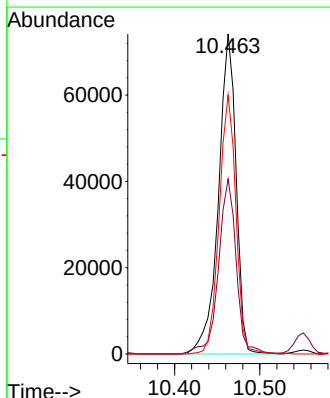
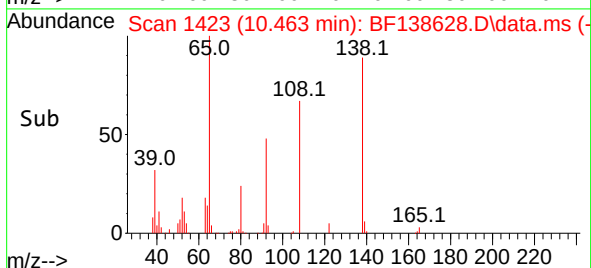
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024

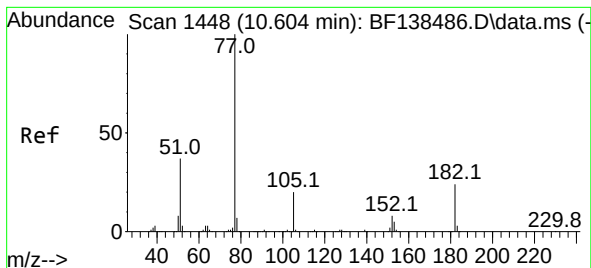


#62
4-Nitroaniline
Concen: 38.865 ng
RT: 10.463 min Scan# 1423
Delta R.T. -0.012 min
Lab File: BF138628.D
Acq: 23 Jul 2024 20:08



Tgt Ion:138 Resp: 106856
Ion Ratio Lower Upper
138 100
92 54.7 35.8 75.8
108 81.0 59.8 99.8





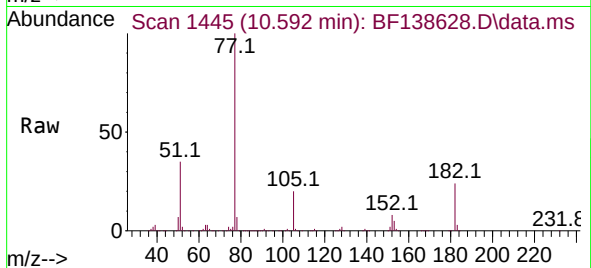
#63
Azobenzene
Concen: 47.321 ng
RT: 10.592 min Scan# 1448
Delta R.T. -0.012 min
Lab File: BF138628.D
Acq: 23 Jul 2024 20:08

Instrument :

BNA_F

ClientSampleId :

VNJ206MS

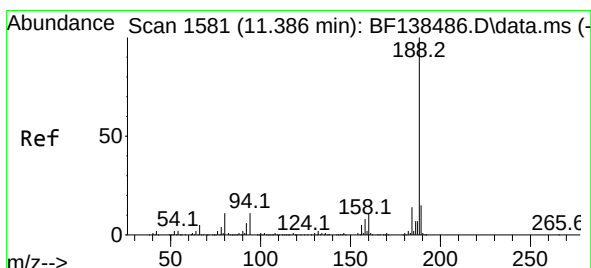
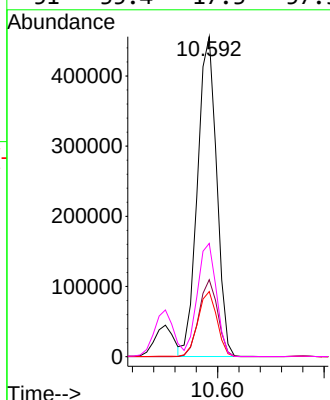
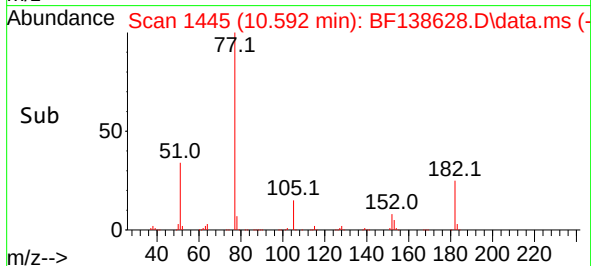


Tgt Ion: 77 Resp: 57024
Ion Ratio Lower Upper
77 100
182 24.1 3.8 43.8
105 20.4 0.0 39.8
51 35.4 17.3 57.3

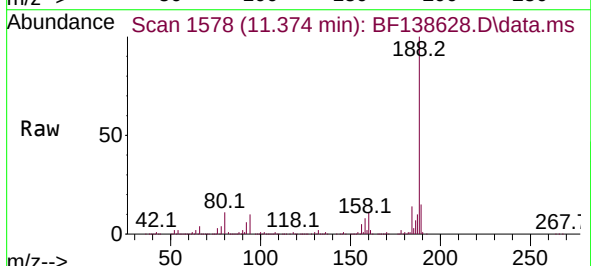
Manual Integrations

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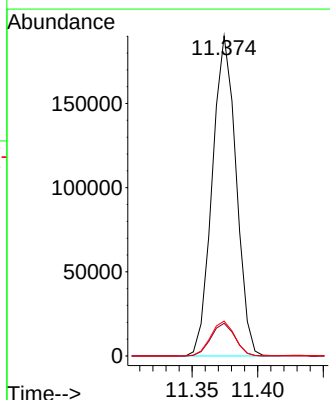
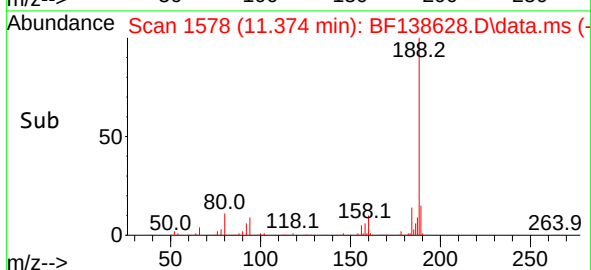
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024

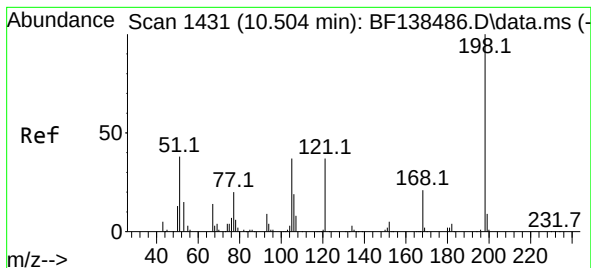


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.374 min Scan# 1578
Delta R.T. -0.012 min
Lab File: BF138628.D
Acq: 23 Jul 2024 20:08



Tgt Ion:188 Resp: 240583
Ion Ratio Lower Upper
188 100
94 10.2 8.7 13.1
80 10.9 9.0 13.4





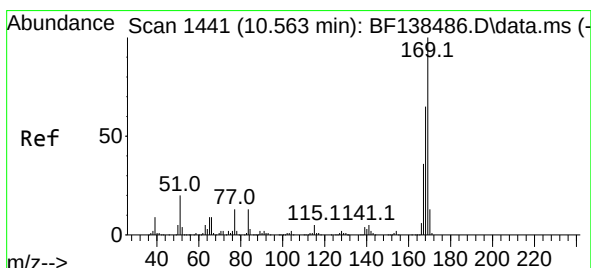
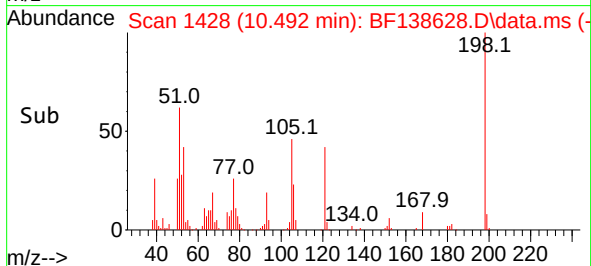
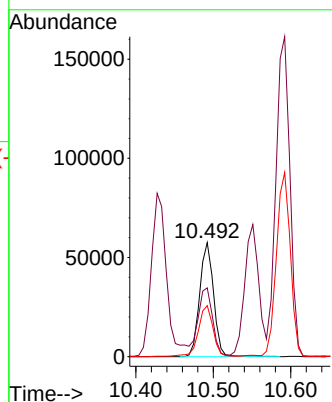
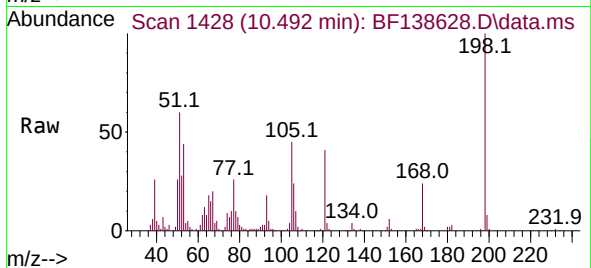
#65
4,6-Dinitro-2-methylphenol
Concen: 51.622 ng
RT: 10.492 min Scan# 1431
Delta R.T. -0.012 min
Lab File: BF138628.D
Acq: 23 Jul 2024 20:08

Instrument :
BNA_F
ClientSampleId :
VNJ206MS

Tgt Ion:198 Resp: 71710
Ion Ratio Lower Upper
198 100
51 60.3 27.2 67.2
105 44.7 18.5 58.5

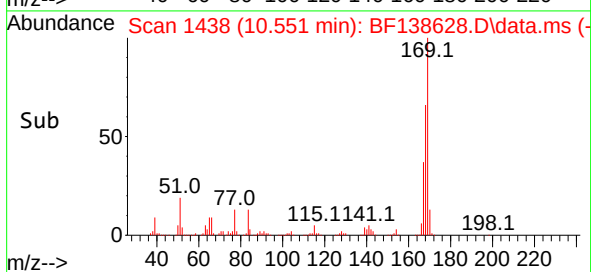
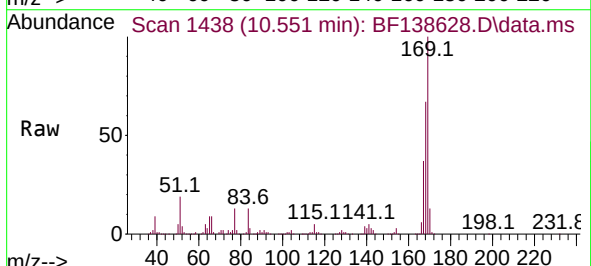
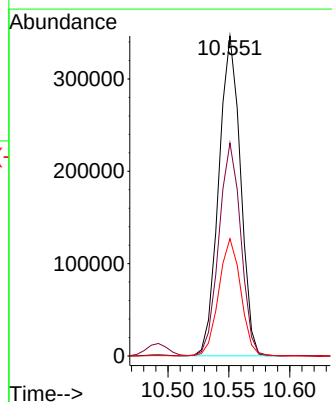
Manual Integrations
APPROVED

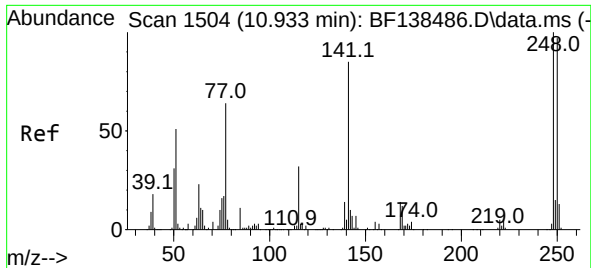
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024



#66
n-Nitrosodiphenylamine
Concen: 59.728 ng
RT: 10.551 min Scan# 1438
Delta R.T. -0.012 min
Lab File: BF138628.D
Acq: 23 Jul 2024 20:08

Tgt Ion:169 Resp: 430520
Ion Ratio Lower Upper
169 100
168 66.6 51.7 77.5
167 36.7 28.5 42.7





#67
4-Bromophenyl-phenylether
Concen: 56.517 ng
RT: 10.922 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF138628.D
Acq: 23 Jul 2024 20:08

Instrument :

BNA_F

ClientSampleId :

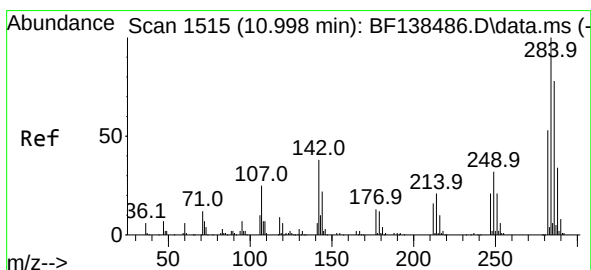
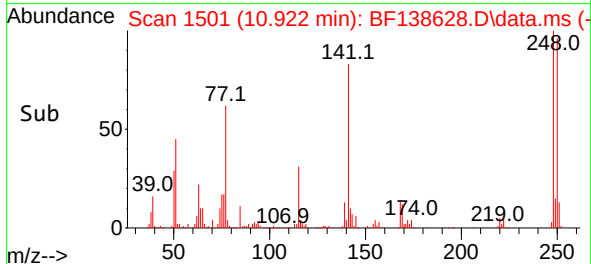
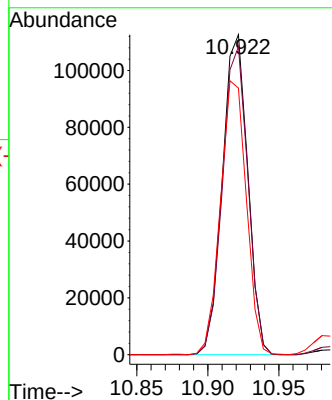
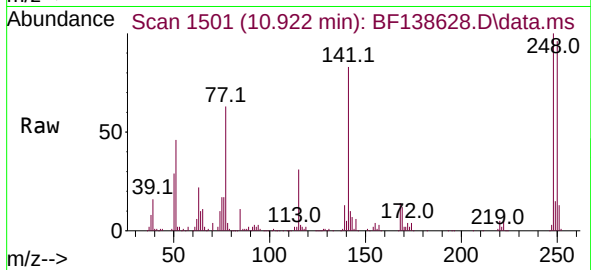
VNJ206MS

Tgt Ion:248 Resp: 139752
Ion Ratio Lower Upper
248 100
250 96.3 77.9 116.9
141 83.3 67.7 101.5

Manual Integrations

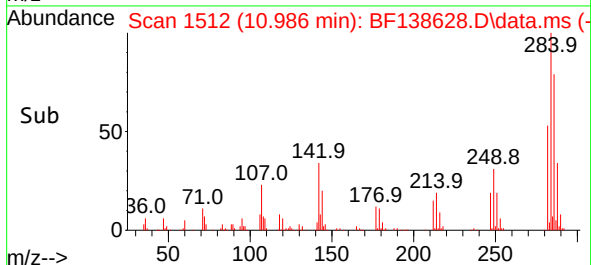
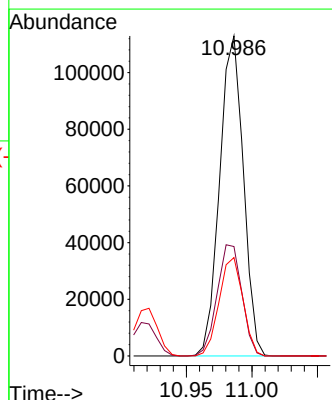
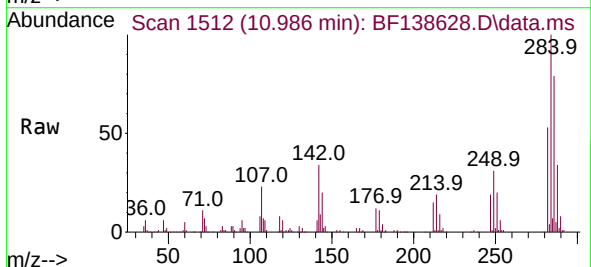
APPROVED

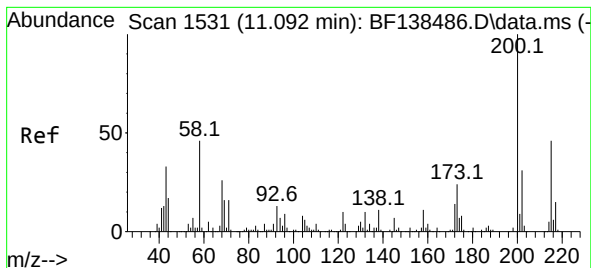
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024



#68
Hexachlorobenzene
Concen: 51.669 ng
RT: 10.986 min Scan# 1512
Delta R.T. -0.012 min
Lab File: BF138628.D
Acq: 23 Jul 2024 20:08

Tgt Ion:284 Resp: 141935
Ion Ratio Lower Upper
284 100
142 34.2 30.5 45.7
249 30.8 25.9 38.9





#69

Atrazine

Concen: 50.629 ng

RT: 11.074 min Scan# 1527

Delta R.T. -0.018 min

Lab File: BF138628.D

Acq: 23 Jul 2024 20:08

Instrument :

BNA_F

ClientSampleId :

VNJ206MS

Tgt Ion:200 Resp: 12099

Ion Ratio Lower Upper

200 100

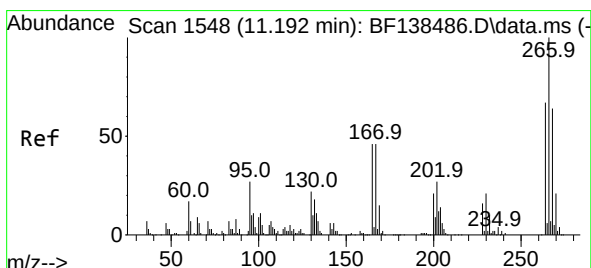
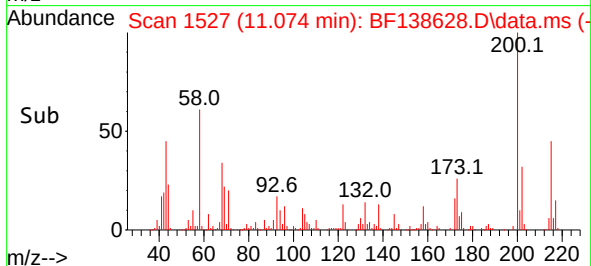
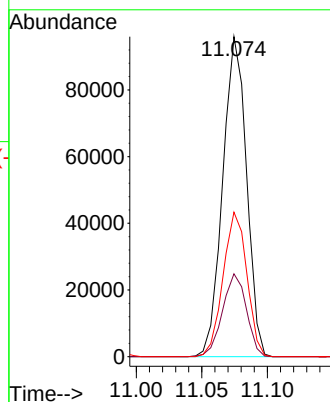
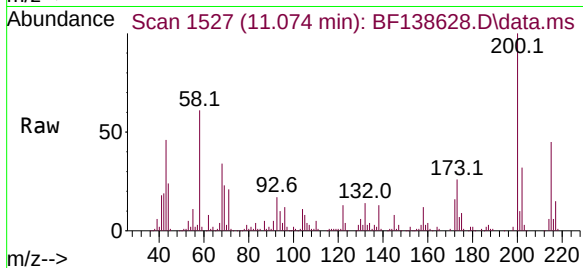
173 25.9 4.1 44.1

215 45.2 26.5 66.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024



#70

Pentachlorophenol

Concen: 78.395 ng

RT: 11.180 min Scan# 1545

Delta R.T. -0.012 min

Lab File: BF138628.D

Acq: 23 Jul 2024 20:08

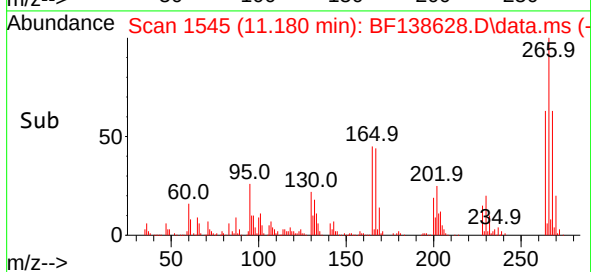
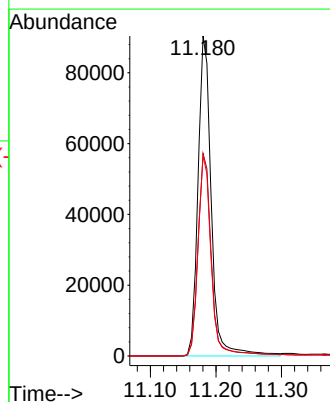
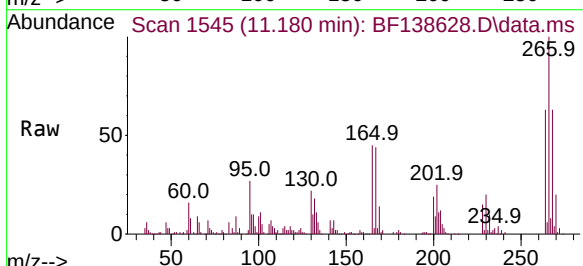
Tgt Ion:266 Resp: 127431

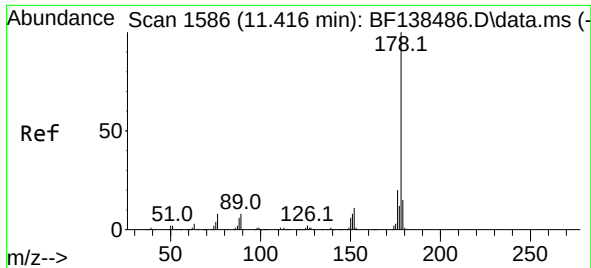
Ion Ratio Lower Upper

266 100

268 63.3 50.9 76.3

264 62.6 53.5 80.3





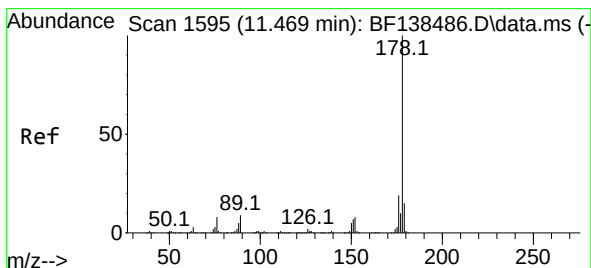
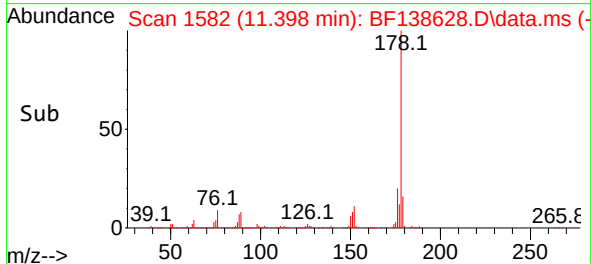
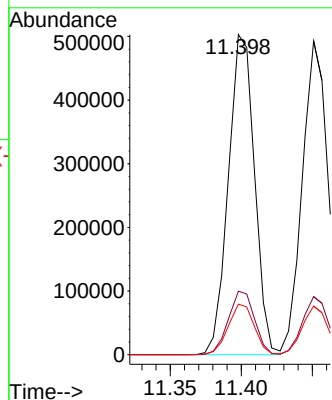
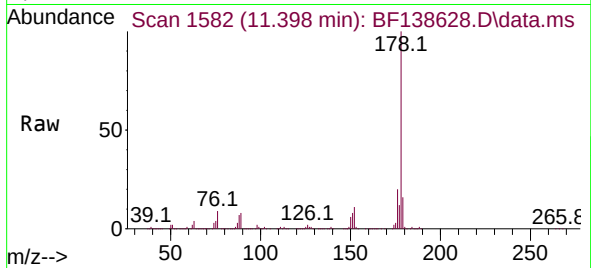
#71
Phenanthrene
Concen: 53.165 ng
RT: 11.398 min Scan# 1586
Delta R.T. -0.018 min
Lab File: BF138628.D
Acq: 23 Jul 2024 20:08

Instrument :
BNA_F
ClientSampleId :
VNJ206MS

Tgt Ion:178 Resp: 64619
Ion Ratio Lower Upper
178 100
176 19.9 15.7 23.5
179 15.8 12.2 18.2

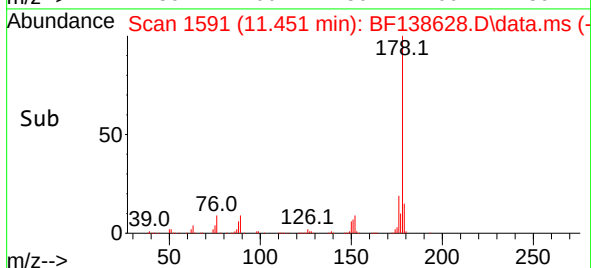
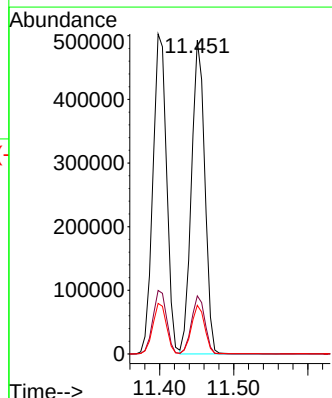
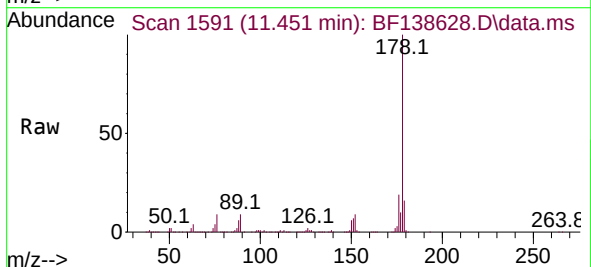
Manual Integrations
APPROVED

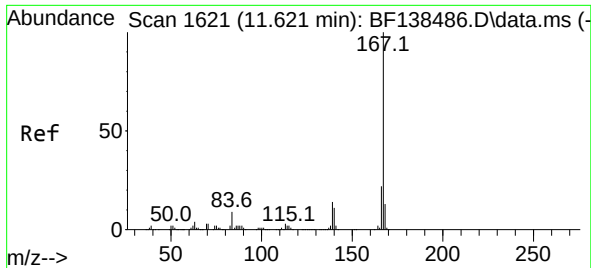
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024



#72
Anthracene
Concen: 51.000 ng
RT: 11.451 min Scan# 1591
Delta R.T. -0.018 min
Lab File: BF138628.D
Acq: 23 Jul 2024 20:08

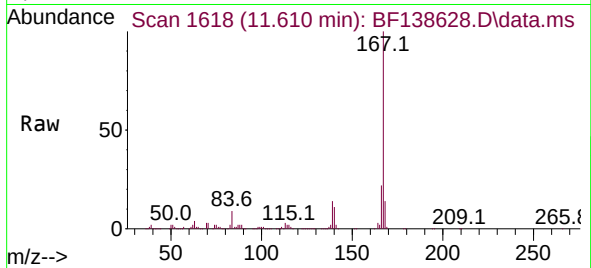
Tgt Ion:178 Resp: 615322
Ion Ratio Lower Upper
178 100
176 18.5 14.8 22.2
179 15.5 12.2 18.4





#73
 Carbazole
 Concen: 44.938 ng
 RT: 11.610 min Scan# 1618
 Delta R.T. -0.012 min
 Lab File: BF138628.D
 Acq: 23 Jul 2024 20:08

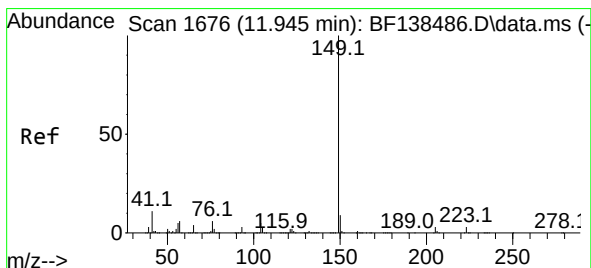
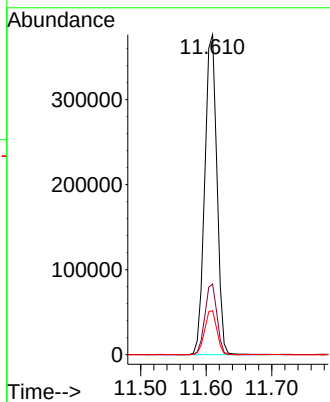
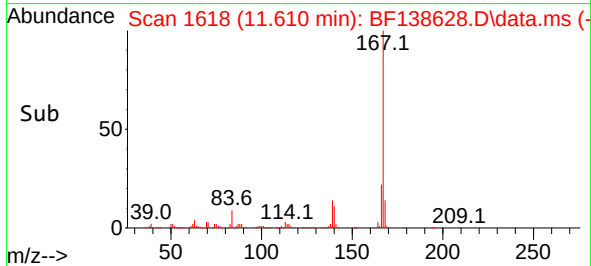
Instrument :
 BNA_F
 ClientSampleId :
 VNJ206MS



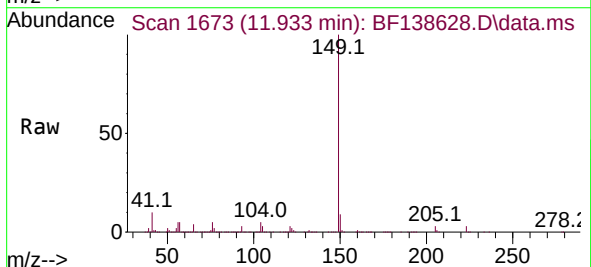
Tgt Ion:167 Resp: 487248
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.8 26.6
 139 13.8 11.0 16.4

Manual Integrations
 APPROVED

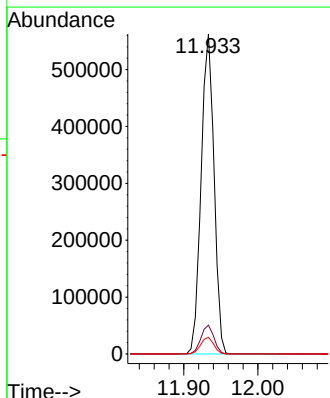
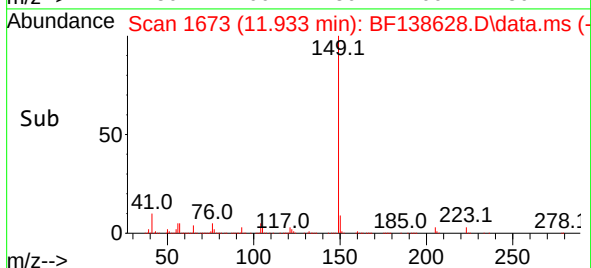
Reviewed By :Jagrut Upadhyay 07/24/2024
 Supervised By :mohammad ahmed 07/30/2024

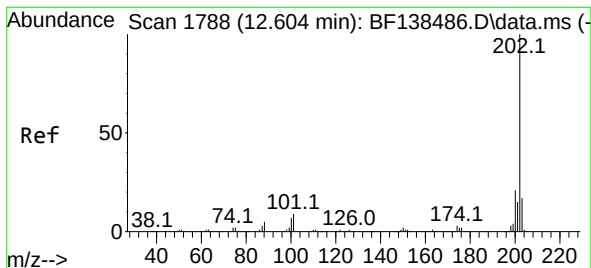


#74
 Di-n-butylphthalate
 Concen: 54.389 ng
 RT: 11.933 min Scan# 1673
 Delta R.T. -0.012 min
 Lab File: BF138628.D
 Acq: 23 Jul 2024 20:08



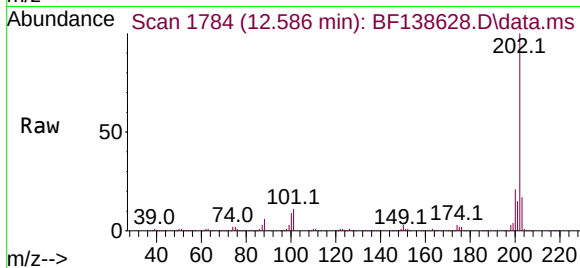
Tgt Ion:149 Resp: 679757
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.4 11.0
 104 5.2 4.4 6.6





#75
Fluoranthene
Concen: 47.611 ng
RT: 12.586 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF138628.D
Acq: 23 Jul 2024 20:08

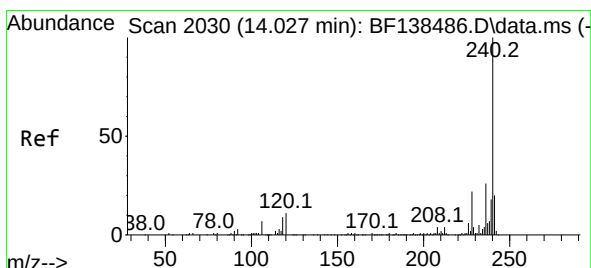
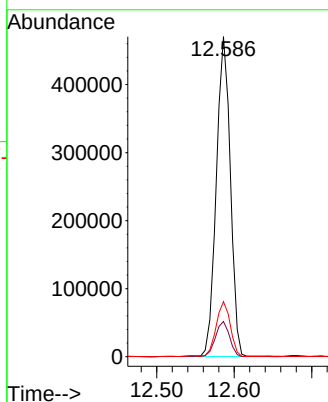
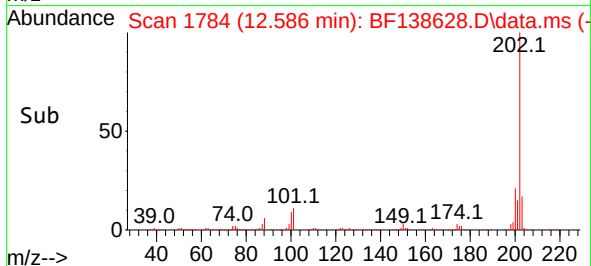
Instrument :
BNA_F
ClientSampleId :
VNJ206MS



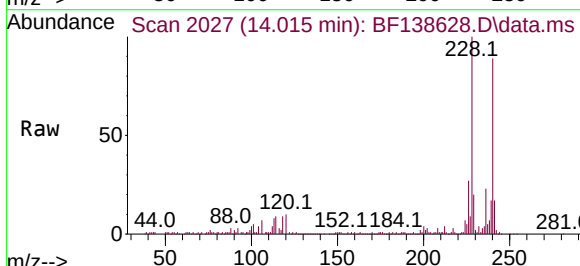
Tgt Ion:202 Resp: 59049
Ion Ratio Lower Upper
202 100
101 11.0 0.0 29.2
203 17.2 0.0 37.3

Manual Integrations
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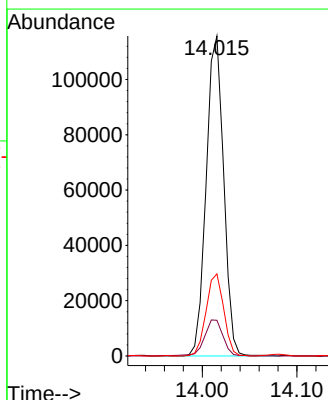
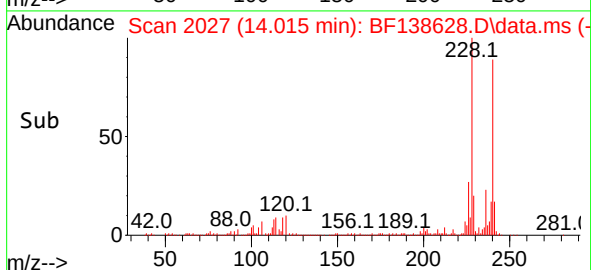
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024

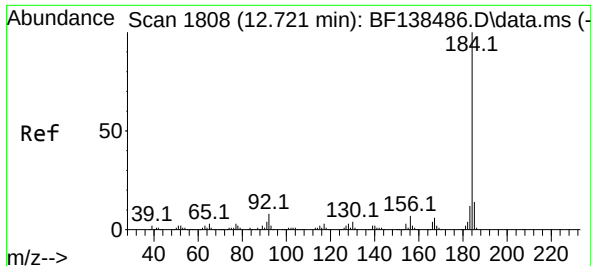


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.015 min Scan# 2027
Delta R.T. -0.012 min
Lab File: BF138628.D
Acq: 23 Jul 2024 20:08



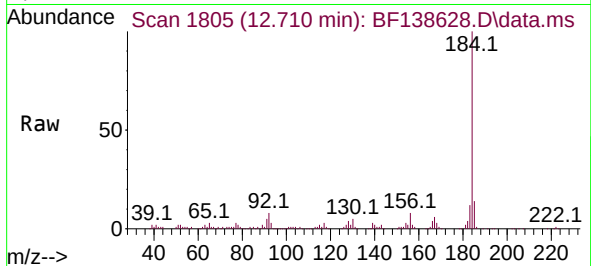
Tgt Ion:240 Resp: 147737
Ion Ratio Lower Upper
240 100
120 11.1 8.6 12.8
236 25.7 21.0 31.6





#77
Benzidine
Concen: 39.919 ng
RT: 12.710 min Scan# 1805
Delta R.T. -0.011 min
Lab File: BF138628.D
Acq: 23 Jul 2024 20:08

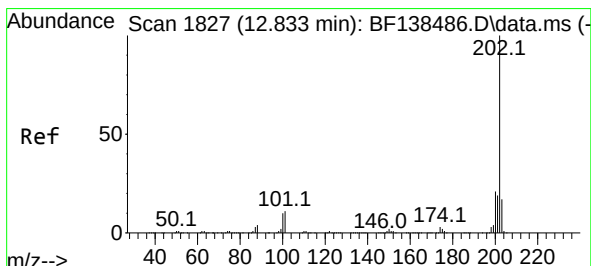
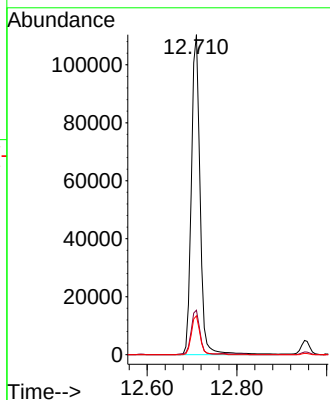
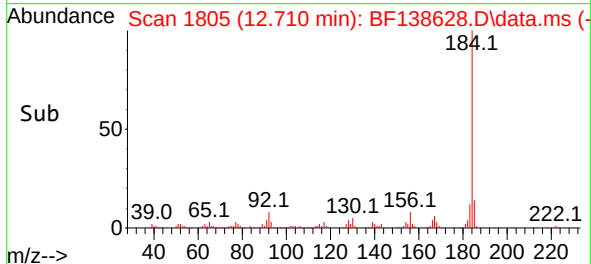
Instrument :
BNA_F
ClientSampleId :
VNJ206MS



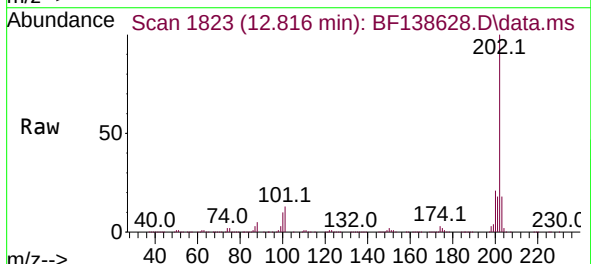
Tgt Ion:184 Resp: 148794
Ion Ratio Lower Upper
184 100
185 13.9 11.3 16.9
183 12.2 9.5 14.3

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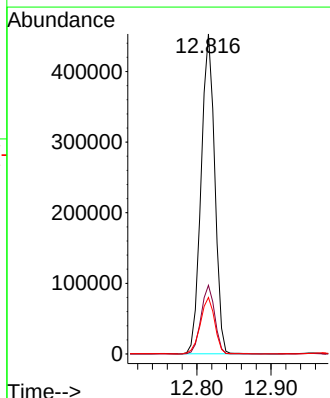
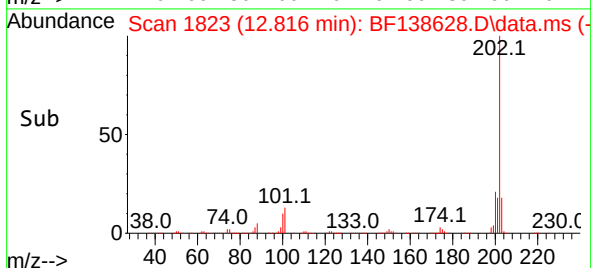
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024

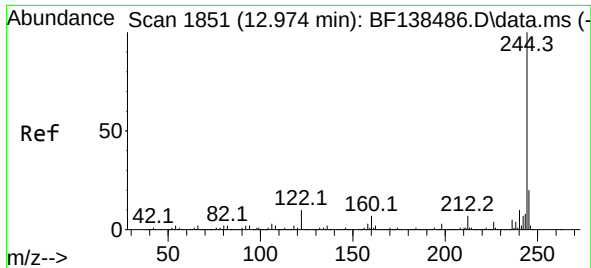


#78
Pyrene
Concen: 38.543 ng
RT: 12.816 min Scan# 1823
Delta R.T. -0.018 min
Lab File: BF138628.D
Acq: 23 Jul 2024 20:08



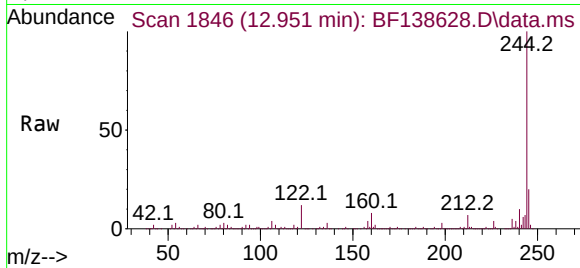
Tgt Ion:202 Resp: 578047
Ion Ratio Lower Upper
202 100
200 21.4 17.0 25.6
203 17.6 13.7 20.5





#79
Terphenyl-d14
Concen: 49.883 ng
RT: 12.951 min Scan# 1846
Delta R.T. -0.024 min
Lab File: BF138628.D
Acq: 23 Jul 2024 20:08

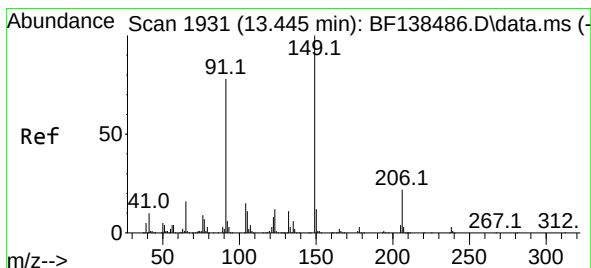
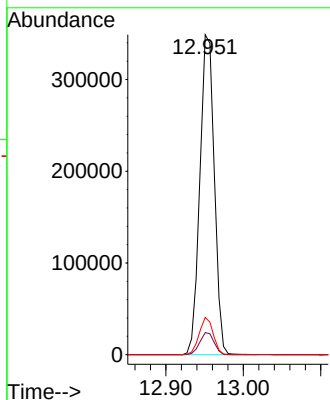
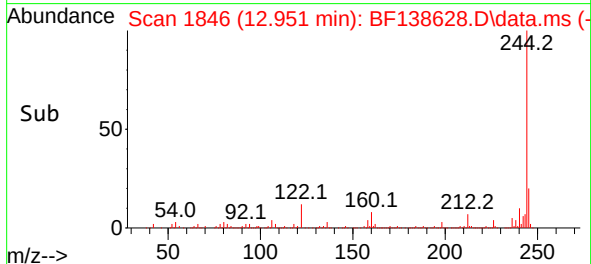
Instrument :
BNA_F
ClientSampleId :
VNJ206MS



Tgt Ion:244 Resp: 452368
Ion Ratio Lower Upper
244 100
212 6.9 5.5 8.3
122 11.6 7.8 11.8

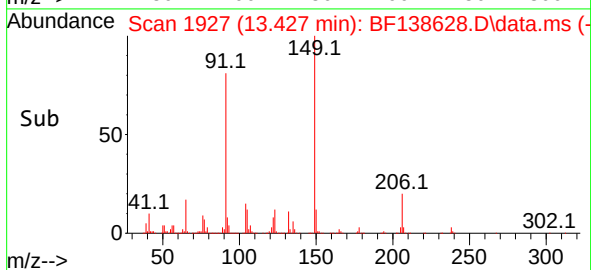
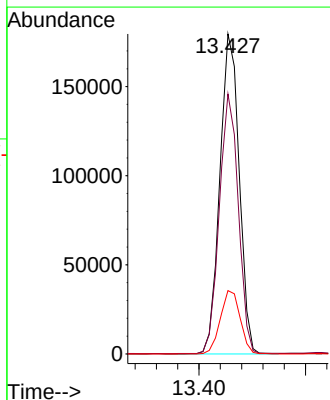
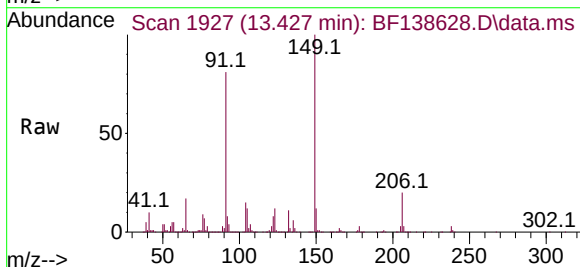
Manual Integrations
APPROVED

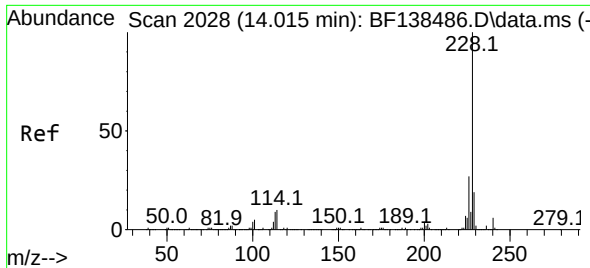
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024



#80
Butylbenzylphthalate
Concen: 50.020 ng
RT: 13.427 min Scan# 1927
Delta R.T. -0.018 min
Lab File: BF138628.D
Acq: 23 Jul 2024 20:08

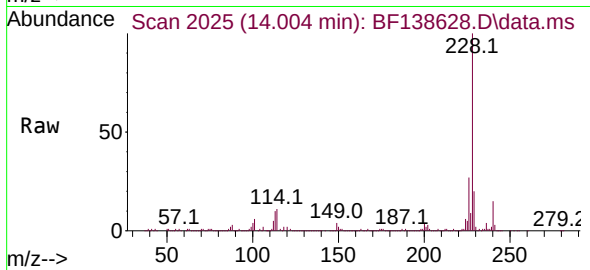
Tgt Ion:149 Resp: 225663
Ion Ratio Lower Upper
149 100
91 81.2 62.1 93.1
206 19.8 18.0 27.0





#81
Benzo(a)anthracene
Concen: 55.196 ng
RT: 14.004 min Scan# 2018
Delta R.T. -0.012 min
Lab File: BF138628.D
Acq: 23 Jul 2024 20:08

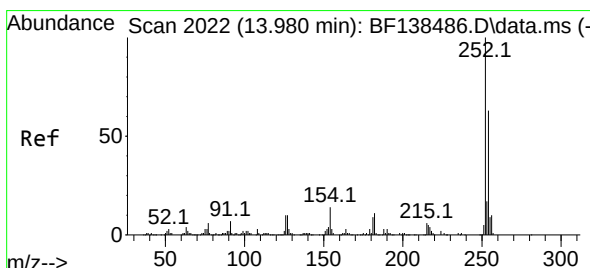
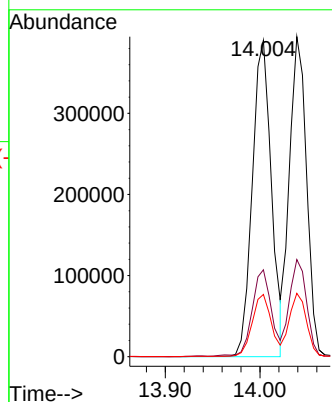
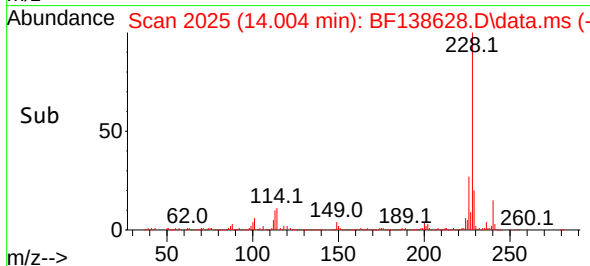
Instrument :
BNA_F
ClientSampleId :
VNJ206MS



Tgt Ion:228 Resp: 547168
Ion Ratio Lower Upper
228 100
226 27.4 21.9 32.9
229 19.7 15.5 23.3

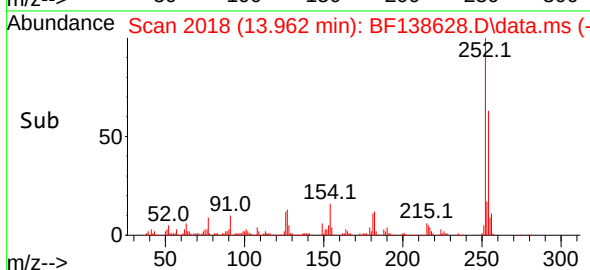
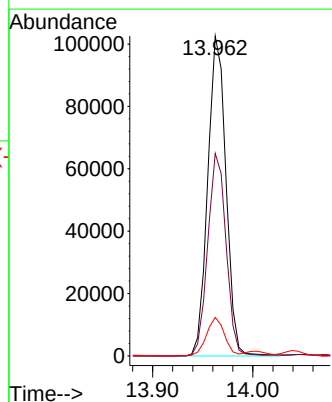
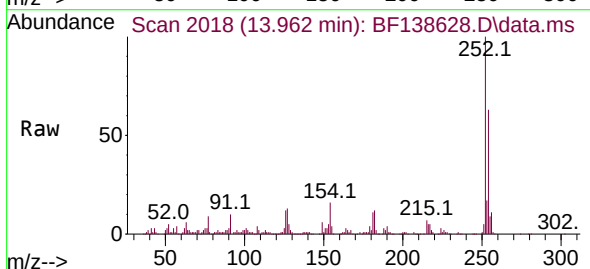
Manual Integrations
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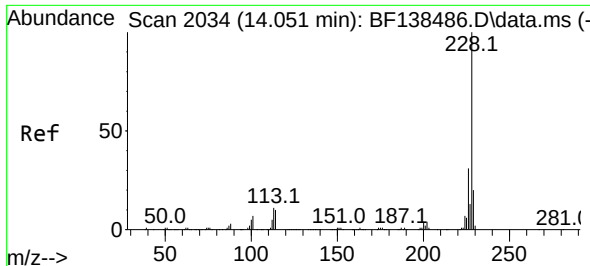
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024



#82
3,3'-Dichlorobenzidine
Concen: 50.886 ng
RT: 13.962 min Scan# 2018
Delta R.T. -0.018 min
Lab File: BF138628.D
Acq: 23 Jul 2024 20:08

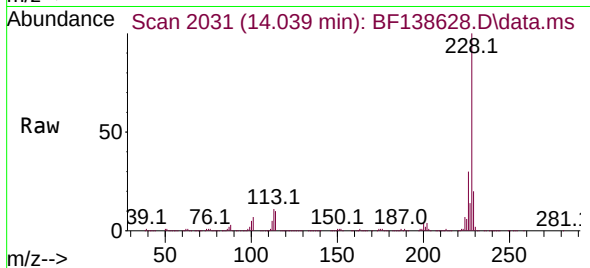
Tgt Ion:252 Resp: 129982
Ion Ratio Lower Upper
252 100
254 63.3 50.3 75.5
126 12.0 8.1 12.1





#83
Chrysene
Concen: 52.662 ng
RT: 14.039 min Scan# 2034
Delta R.T. -0.012 min
Lab File: BF138628.D
Acq: 23 Jul 2024 20:08

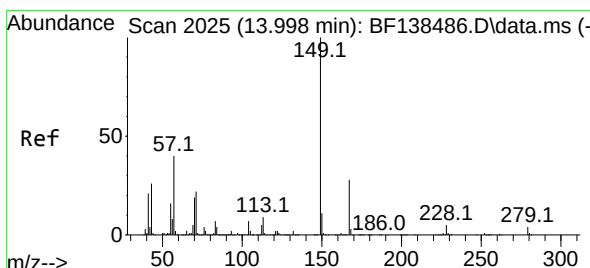
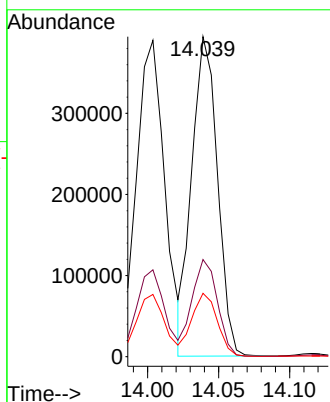
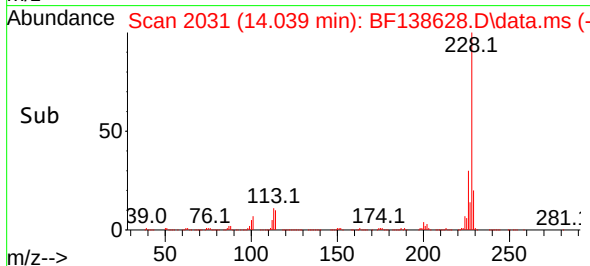
Instrument :
BNA_F
ClientSampleId :
VNJ206MS



Tgt Ion:228 Resp: 493860
Ion Ratio Lower Upper
228 100
226 30.4 24.4 36.6
229 19.8 16.0 24.0

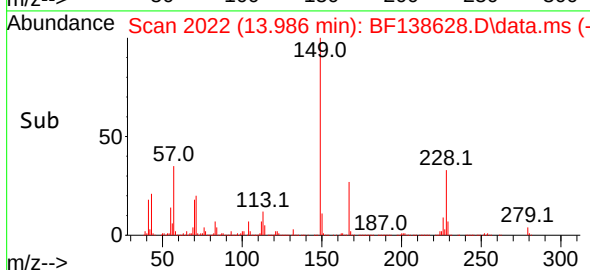
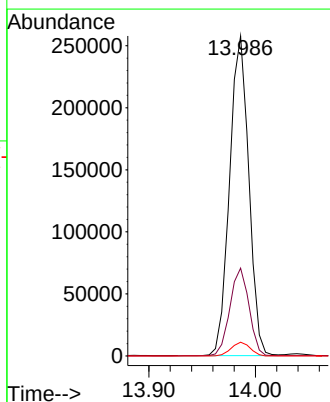
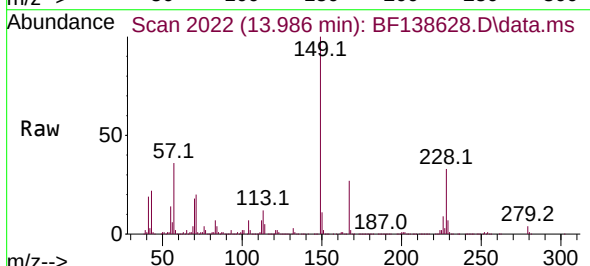
Manual Integrations
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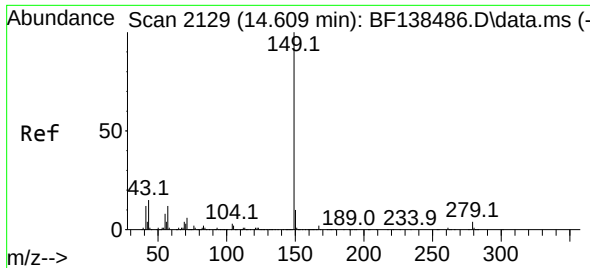
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024



#84
Bis(2-ethylhexyl)phthalate
Concen: 67.159 ng
RT: 13.986 min Scan# 2022
Delta R.T. -0.012 min
Lab File: BF138628.D
Acq: 23 Jul 2024 20:08

Tgt Ion:149 Resp: 323139
Ion Ratio Lower Upper
149 100
167 27.4 22.5 33.7
279 4.3 3.0 4.6





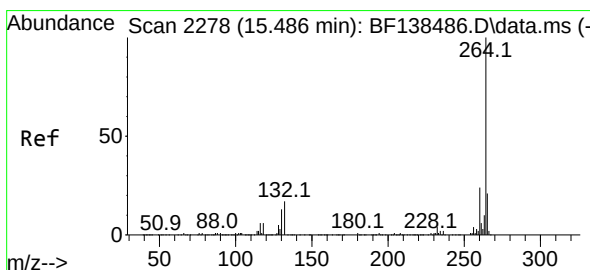
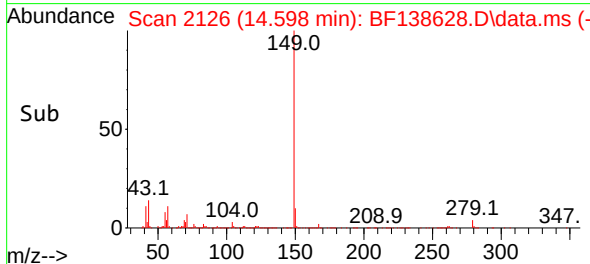
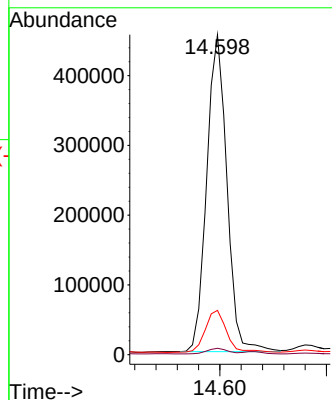
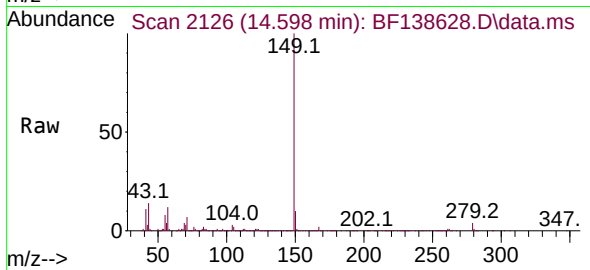
#85
Di-n-octyl phthalate
Concen: 78.647 ng
RT: 14.598 min Scan# 2126
Delta R.T. -0.011 min
Lab File: BF138628.D
Acq: 23 Jul 2024 20:08

Instrument :
BNA_F
ClientSampleId :
VNJ206MS

Tgt Ion:149 Resp: 597798
Ion Ratio Lower Upper
149 100
167 2.1 1.3 1.9
43 14.4 10.7 16.1

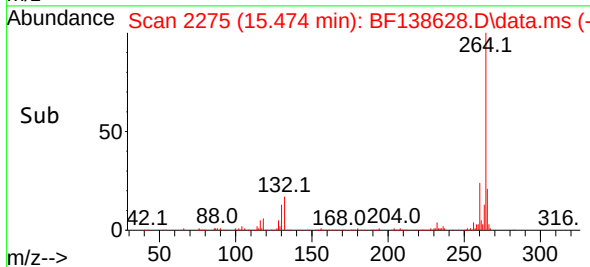
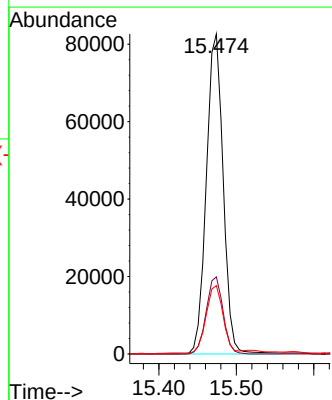
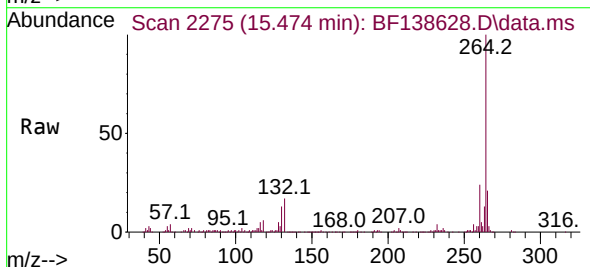
Manual Integrations
APPROVED

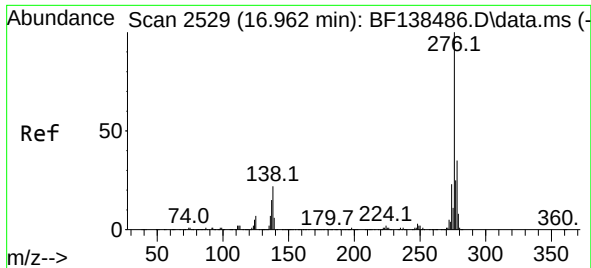
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.474 min Scan# 2275
Delta R.T. -0.012 min
Lab File: BF138628.D
Acq: 23 Jul 2024 20:08

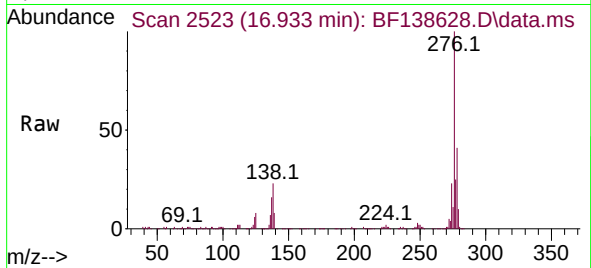
Tgt Ion:264 Resp: 124454
Ion Ratio Lower Upper
264 100
260 24.1 19.0 28.6
265 21.4 17.0 25.4





#87
Indeno(1,2,3-cd)pyrene
Concen: 36.817 ng
RT: 16.933 min Scan# 21
Delta R.T. -0.029 min
Lab File: BF138628.D
Acq: 23 Jul 2024 20:08

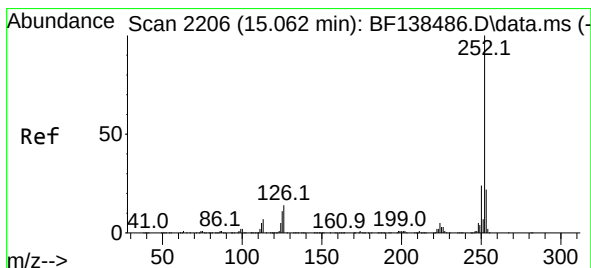
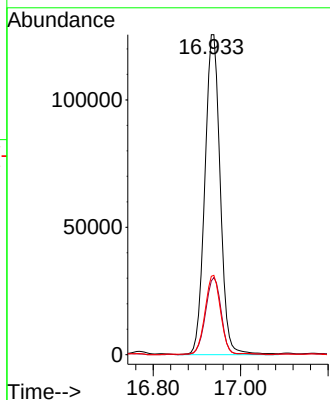
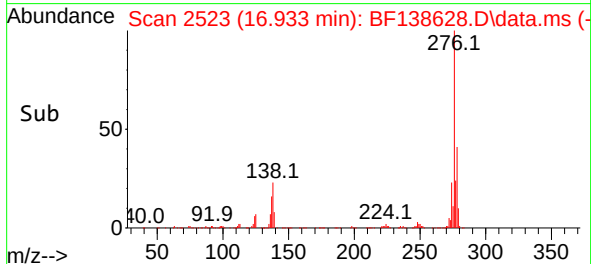
Instrument :
BNA_F
ClientSampleId :
VNJ206MS



Tgt Ion:276 Resp: 307778
Ion Ratio Lower Upper
276 100
138 24.8 19.6 29.4
277 24.5 20.5 30.7

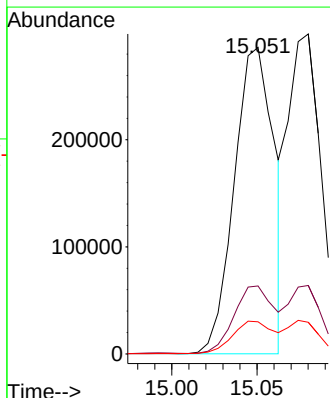
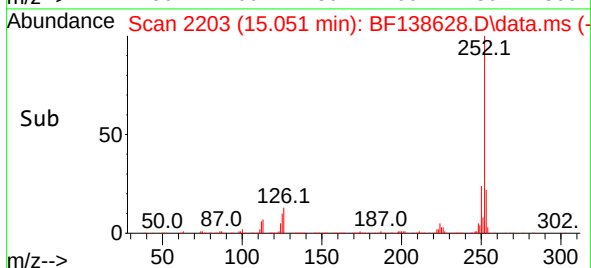
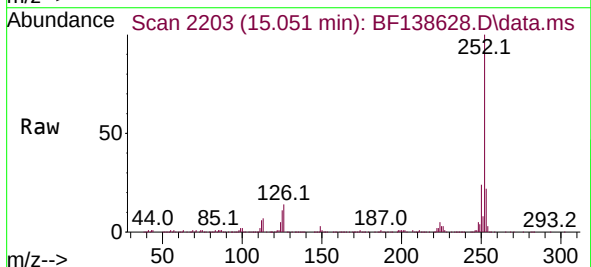
Manual Integrations
APPROVED

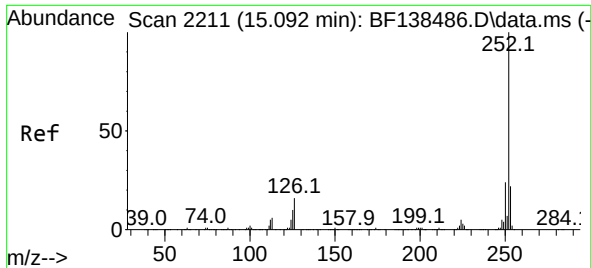
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024



#88
Benzo(b)fluoranthene
Concen: 66.477 ng
RT: 15.051 min Scan# 2203
Delta R.T. -0.012 min
Lab File: BF138628.D
Acq: 23 Jul 2024 20:08

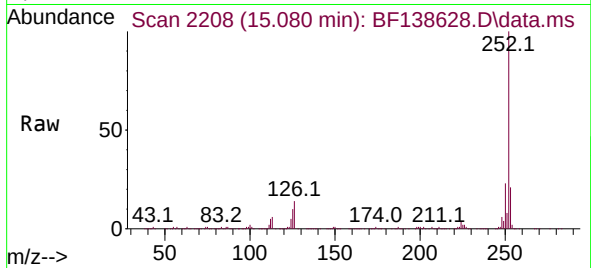
Tgt Ion:252 Resp: 465926
Ion Ratio Lower Upper
252 100
253 22.2 17.3 25.9
125 10.5 8.6 13.0





#89
Benzo(k)fluoranthene
Concen: 58.265 ng
RT: 15.080 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF138628.D
Acq: 23 Jul 2024 20:08

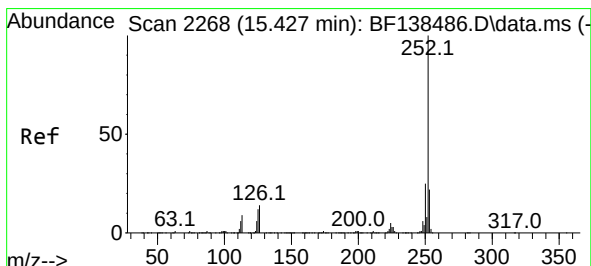
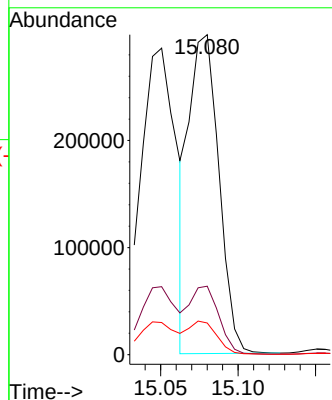
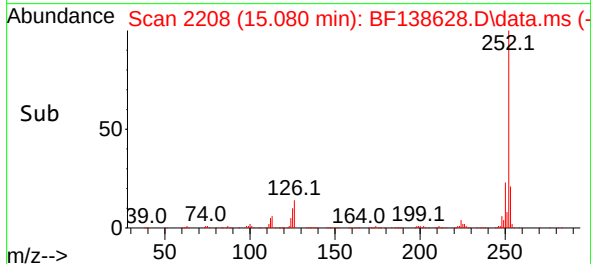
Instrument :
BNA_F
ClientSampleId :
VNJ206MS



Tgt Ion:252 Resp: 39828
Ion Ratio Lower Upper
252 100
253 21.4 17.7 26.5
125 9.9 8.1 12.1

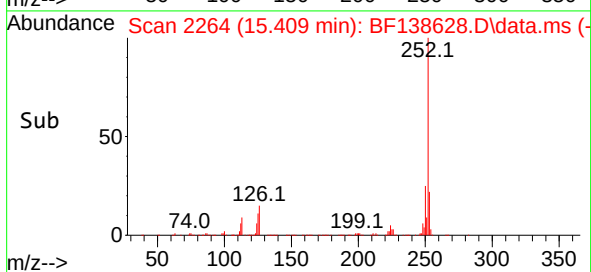
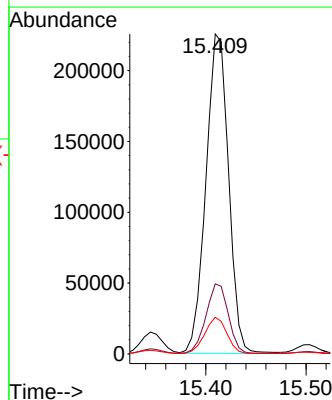
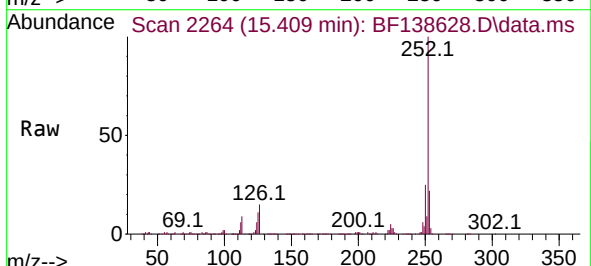
Manual Integrations
APPROVED

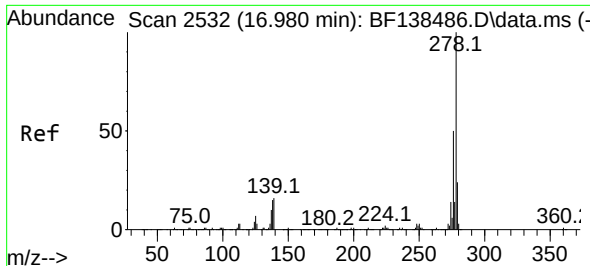
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/30/2024



#90
Benzo(a)pyrene
Concen: 57.651 ng
RT: 15.409 min Scan# 2264
Delta R.T. -0.018 min
Lab File: BF138628.D
Acq: 23 Jul 2024 20:08

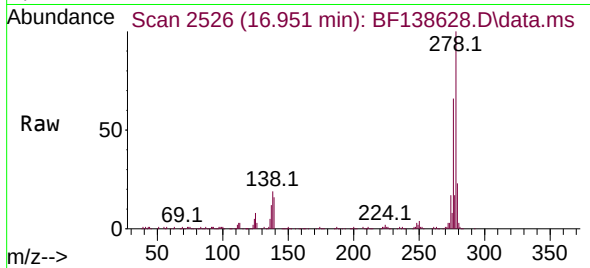
Tgt Ion:252 Resp: 354960
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.0
125 11.4 9.4 14.2





#91
Dibenzo(a,h)anthracene
Concen: 34.707 ng
RT: 16.951 min Scan# 2526
Delta R.T. -0.029 min
Lab File: BF138628.D
Acq: 23 Jul 2024 20:08

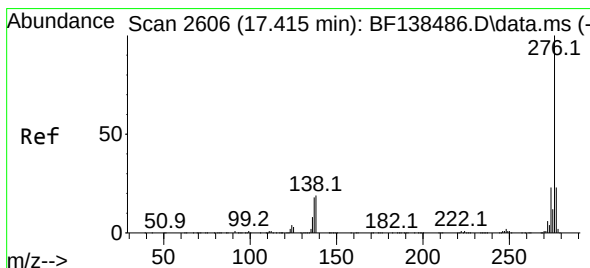
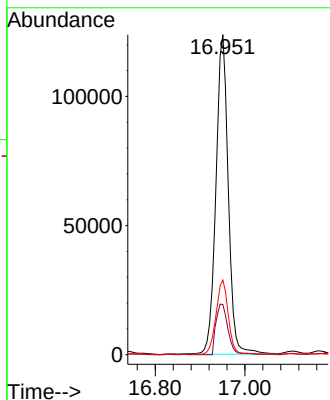
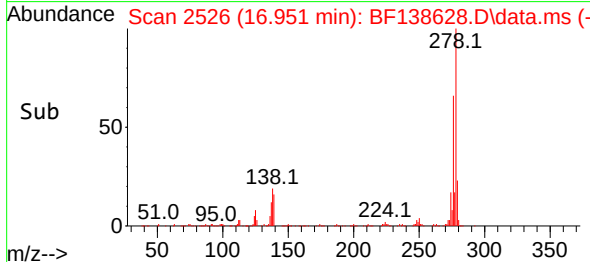
Instrument :
BNA_F
ClientSampleId :
VNJ206MS



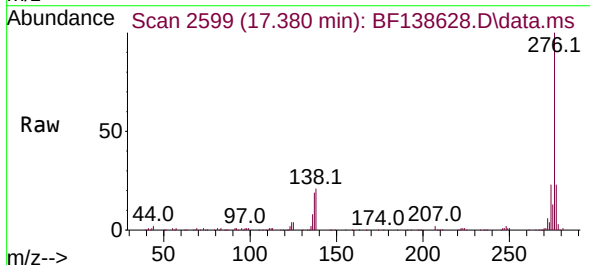
Tgt Ion: 278 Resp: 237334
Ion Ratio Lower Upper
278 100
139 15.7 12.8 19.2
279 23.3 19.1 28.7

Manual Integrations
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Reviewed By : Jagrut Upadhyay 07/24/2024
Supervised By : mohammad ahmed 07/30/2024



#92
Benzo(g,h,i)perylene
Concen: 32.258 ng
RT: 17.380 min Scan# 2599
Delta R.T. -0.035 min
Lab File: BF138628.D
Acq: 23 Jul 2024 20:08



Tgt Ion: 276 Resp: 233906
Ion Ratio Lower Upper
276 100
277 23.3 18.0 27.0
138 21.0 15.5 23.3

