

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122024\
 Data File : BF140948.D
 Acq On : 20 Dec 2024 14:10
 Operator : RC/JU
 Sample : P5306-09MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OU4-VSL-11-121224MS

Quant Time: Dec 20 14:38:33 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 16 16:59:50 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 12/23/2024
 Supervised By :mohammad ahmed 12/24/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	55385	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	209218	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	115521	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	219277	20.000	ng	0.00
76) Chrysene-d12	14.033	240	133308	20.000	ng	0.00
86) Perylene-d12	15.521	264	114231	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	442109	131.406	ng	0.01
7) Phenol-d6	6.504	99	599050	134.430	ng	0.00
23) Nitrobenzene-d5	7.416	82	372228	89.012	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	167201	122.376	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	705412	83.953	ng	0.00
79) Terphenyl-d14	12.963	244	769721	91.048	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.710	88	57898	39.952	ng	98
3) Pyridine	3.487	79	147343	43.903	ng	98
4) n-Nitrosodimethylamine	3.440	42	73891	43.674	ng	95
6) Aniline	6.516	93	152345	39.984	ng	# 72
8) 2-Chlorophenol	6.645	128	202633	55.230	ng	99
9) Benzaldehyde	6.410	77	38178	15.462	ng	92
10) Phenol	6.516	94	259118	56.104	ng	97
11) bis(2-Chloroethyl)ether	6.587	93	180043	52.272	ng	99
12) 1,3-Dichlorobenzene	6.787	146	210487	50.348	ng	98
13) 1,4-Dichlorobenzene	6.869	146	216818	51.092	ng	98
14) 1,2-Dichlorobenzene	7.016	146	203761	50.890	ng	99
15) Benzyl Alcohol	7.004	79	175492	55.078	ng	94
16) 2,2'-oxybis(1-Chloropr...	7.116	45	208259	51.327	ng	91
17) 2-Methylphenol	7.122	107	160183	54.685	ng	99
18) Hexachloroethane	7.351	117	77377	48.978	ng	97
19) n-Nitroso-di-n-propyla...	7.263	70	140269	52.475	ng	97
20) 3+4-Methylphenols	7.275	107	218873	56.350	ng	# 80
22) Acetophenone	7.263	105	281478	53.782	ng	94
24) Nitrobenzene	7.440	77	213867	49.921	ng	95
25) Isophorone	7.675	82	358474	51.161	ng	99
26) 2-Nitrophenol	7.751	139	110125	55.813	ng	95
27) 2,4-Dimethylphenol	7.792	122	151216	65.624	ng	99
28) bis(2-Chloroethoxy)met...	7.875	93	221616	50.641	ng	99
29) 2,4-Dichlorophenol	8.004	162	170278	53.525	ng	99
30) 1,2,4-Trichlorobenzene	8.075	180	174689	47.901	ng	99
31) Naphthalene	8.151	128	576356	50.150	ng	100
32) Benzoic acid	7.945	122	79916	36.568	ng	95
33) 4-Chloroaniline	8.210	127	86711	22.717	ng	98
34) Hexachlorobutadiene	8.263	225	112396	45.808	ng	99
35) Caprolactam	8.592	113	52938m	55.895	ng	
36) 4-Chloro-3-methylphenol	8.704	107	176282	49.233	ng	100
37) 2-Methylnaphthalene	8.845	142	369738	48.635	ng	100
38) 1-Methylnaphthalene	8.945	142	347475	46.215	ng	100
40) 1,2,4,5-Tetrachloroben...	9.010	216	184825	52.053	ng	99
41) Hexachlorocyclopentadiene	8.992	237	34644	40.992	ng	98
43) 2,4,6-Trichlorophenol	9.134	196	110805	50.964	ng	99

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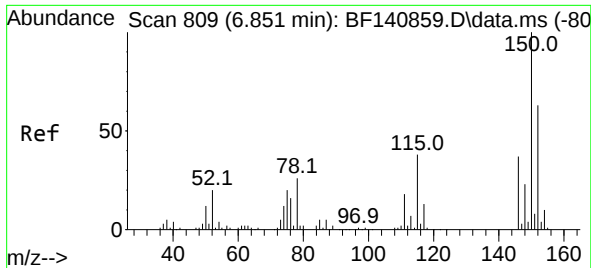
Manual Integrations
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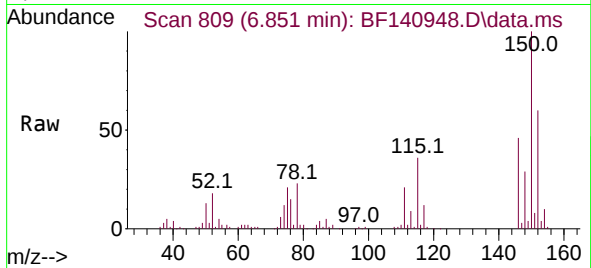
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.187	196	117901	49.337	ng	99
46) 1,1'-Biphenyl	9.304	154	472666	51.455	ng	99
47) 2-Chloronaphthalene	9.334	162	352165	50.113	ng	99
48) 2-Nitroaniline	9.439	65	109079	51.395	ng	94
49) Acenaphthylene	9.751	152	576620	55.834	ng	99
50) Dimethylphthalate	9.604	163	409034	50.222	ng	100
51) 2,6-Dinitrotoluene	9.681	165	92478	49.668	ng	94
52) Acenaphthene	9.922	154	351200	53.237	ng	99
53) 3-Nitroaniline	9.857	138	55538	30.057	ng	94
54) 2,4-Dinitrophenol	9.981	184	87671	95.155	ng	90
55) Dibenzofuran	10.092	168	537457	52.577	ng	99
56) 4-Nitrophenol	10.045	139	83327	83.625	ng	98
57) 2,4-Dinitrotoluene	10.092	165	127795	52.166	ng	98
58) Fluorene	10.439	166	428757	50.841	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.222	232	101786	52.272	ng	92
60) Diethylphthalate	10.304	149	405299	47.990	ng	99
61) 4-Chlorophenyl-phenyle...	10.422	204	212840	50.243	ng	96
62) 4-Nitroaniline	10.475	138	98375m	50.949	ng	
63) Azobenzene	10.586	77	429196	54.056	ng	94
65) 4,6-Dinitro-2-methylph...	10.510	198	70374	56.637	ng	94
66) n-Nitrosodiphenylamine	10.545	169	372378	55.234	ng	100
67) 4-Bromophenyl-phenylether	10.916	248	124883	50.908	ng	97
68) Hexachlorobenzene	10.986	284	138231	49.700	ng	98
69) Atrazine	11.075	200	116856	62.062	ng	99
70) Pentachlorophenol	11.198	266	78972	77.662	ng	98
71) Phenanthrene	11.404	178	628319	55.721	ng	99
72) Anthracene	11.457	178	597017	53.762	ng	100
73) Carbazole	11.616	167	569460	52.355	ng	99
74) Di-n-butylphthalate	11.928	149	638255	49.999	ng	99
75) Fluoranthene	12.598	202	637105	49.060	ng	100
77) Benzidine	12.722	184	125211	46.021	ng	99
78) Pyrene	12.827	202	665883	56.171	ng	99
80) Butylbenzylphthalate	13.433	149	231762	53.133	ng	96
81) Benzo(a)anthracene	14.021	228	492886	52.168	ng	99
82) 3,3'-Dichlorobenzidine	13.980	252	81414	28.561	ng	97
83) Chrysene	14.057	228	441907	51.436	ng	99
84) Bis(2-ethylhexyl)phtha...	13.986	149	267856	47.624	ng	99
85) Di-n-octyl phthalate	14.604	149	365090	42.906	ng	98
87) Indeno(1,2,3-cd)pyrene	17.039	276	474317	66.539	ng	99
88) Benzo(b)fluoranthene	15.086	252	381086	48.060	ng	100
89) Benzo(k)fluoranthene	15.116	252	373879	54.968	ng	100
90) Benzo(a)pyrene	15.457	252	355872	57.316	ng	99
91) Dibenzo(a,h)anthracene	17.039	278	390092	66.055	ng	99
92) Benzo(g,h,i)perylene	17.498	276	373367	62.119	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 809
Delta R.T. 0.000 min
Lab File: BF140948.D
Acq: 20 Dec 2024 14:10

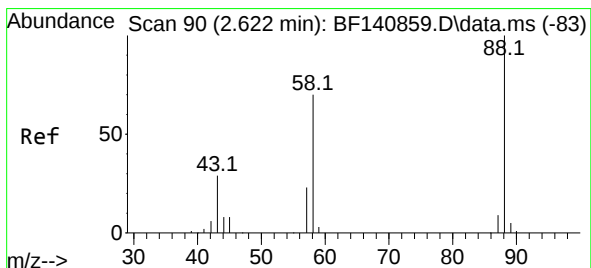
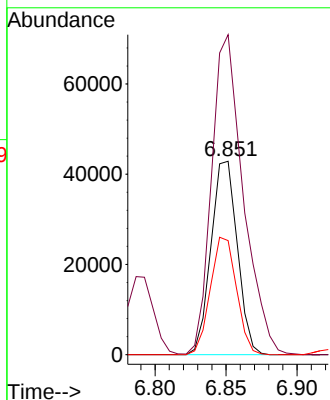
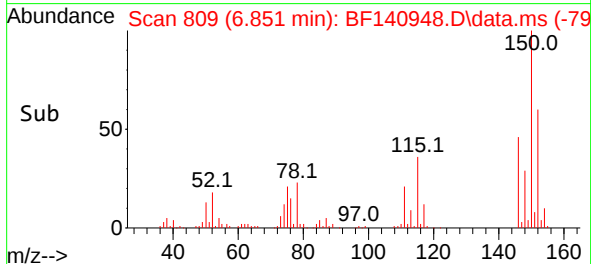
Instrument :
BNA_F
ClientSampleId :
OU4-VSL-11-121224MS



Tgt Ion:152 Resp: 5538
Ion Ratio Lower Upper
152 100
150 165.5 127.9 191.9
115 59.0 48.0 72.0

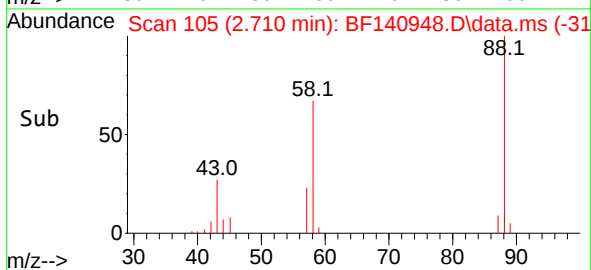
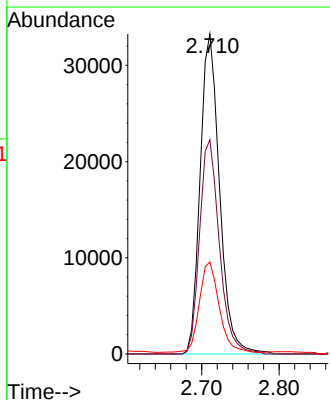
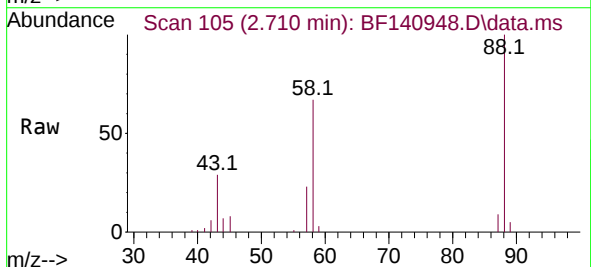
Manual Integrations
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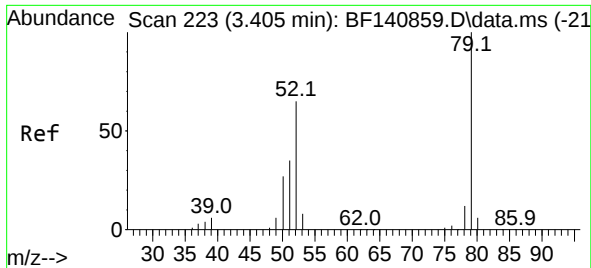
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#2
1,4-Dioxane
Concen: 39.952 ng
RT: 2.710 min Scan# 105
Delta R.T. 0.088 min
Lab File: BF140948.D
Acq: 20 Dec 2024 14:10

Tgt Ion: 88 Resp: 57898
Ion Ratio Lower Upper
88 100
58 68.2 55.8 83.8
43 29.7 22.7 34.1





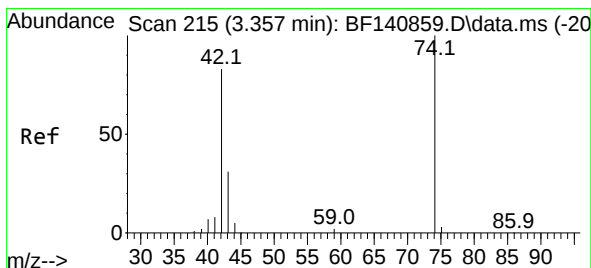
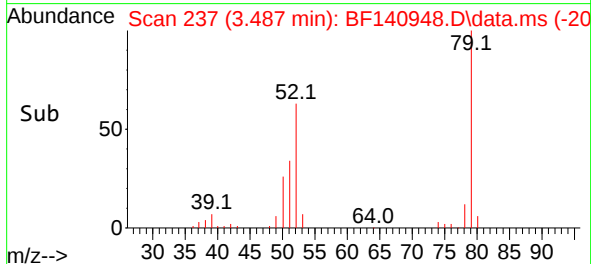
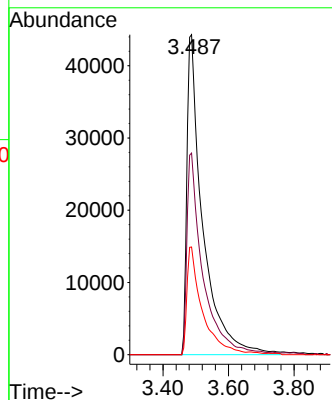
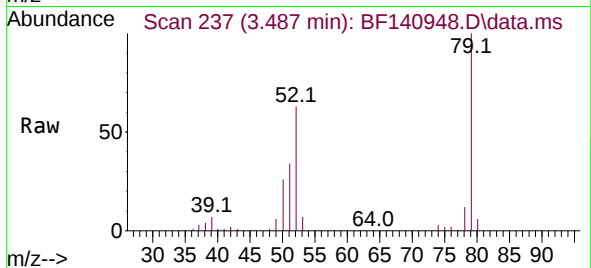
#3
Pyridine
Concen: 43.903 ng
RT: 3.487 min Scan# 21
Delta R.T. 0.082 min
Lab File: BF140948.D
Acq: 20 Dec 2024 14:10

Instrument :
BNA_F
ClientSampleId :
OU4-VSL-11-121224MS

Tgt Ion: 79 Resp: 14734
Ion Ratio Lower Upper
79 100
52 63.0 51.7 77.5
51 33.7 28.2 42.4

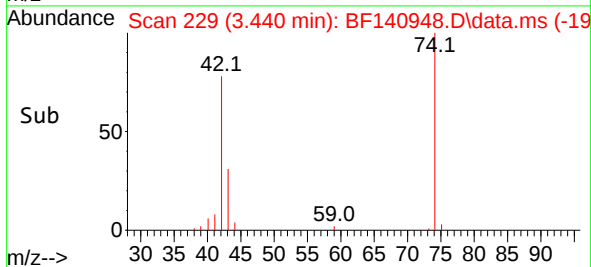
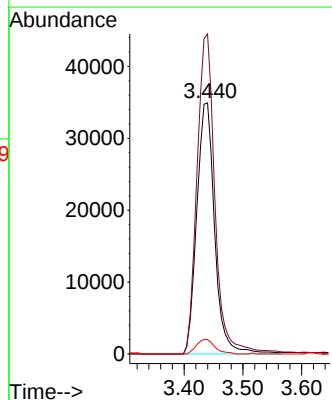
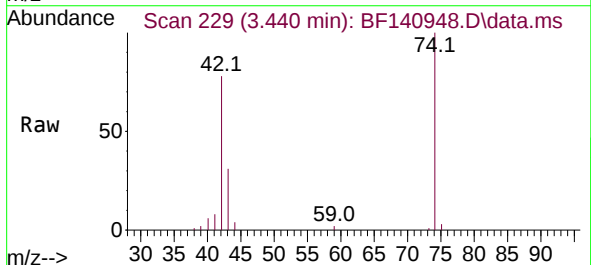
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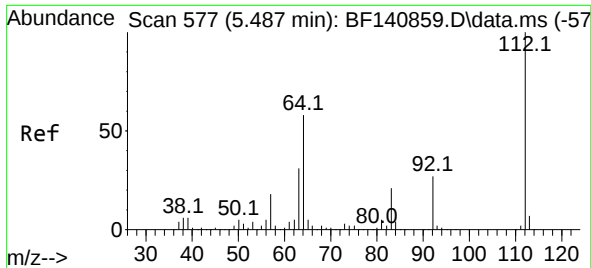
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#4
n-Nitrosodimethylamine
Concen: 43.674 ng
RT: 3.440 min Scan# 229
Delta R.T. 0.082 min
Lab File: BF140948.D
Acq: 20 Dec 2024 14:10

Tgt Ion: 42 Resp: 73891
Ion Ratio Lower Upper
42 100
74 127.4 96.9 145.3
44 5.7 4.4 6.6





#5
2-Fluorophenol
Concen: 131.406 ng
RT: 5.498 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF140948.D
Acq: 20 Dec 2024 14:10

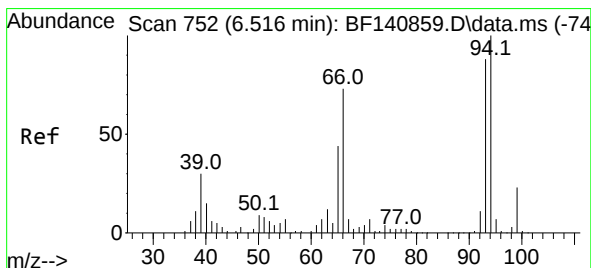
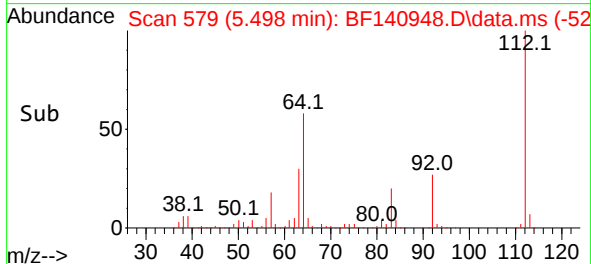
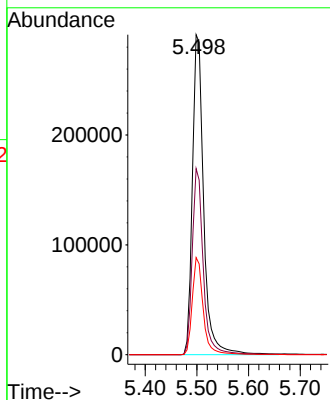
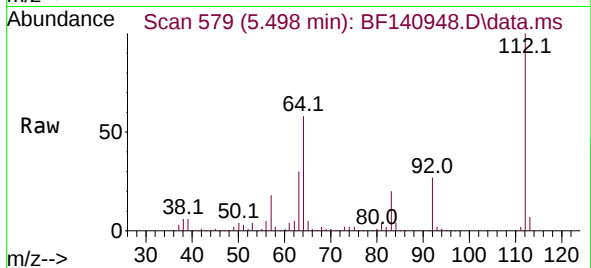
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Tgt Ion:112 Resp: 442109

Ion	Ratio	Lower	Upper
112	100		
64	58.2	46.1	69.1
63	30.3	24.9	37.3

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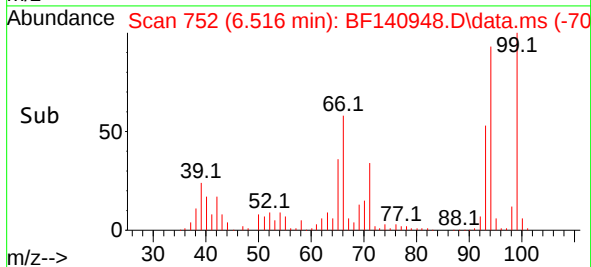
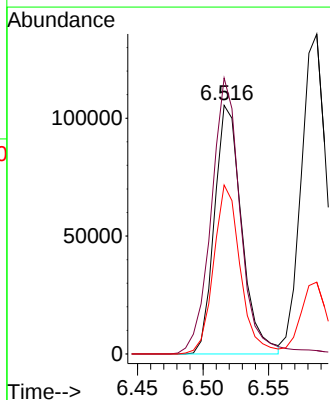
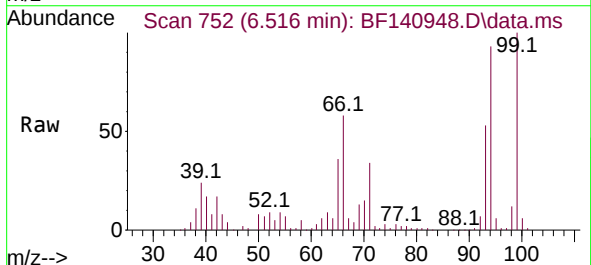
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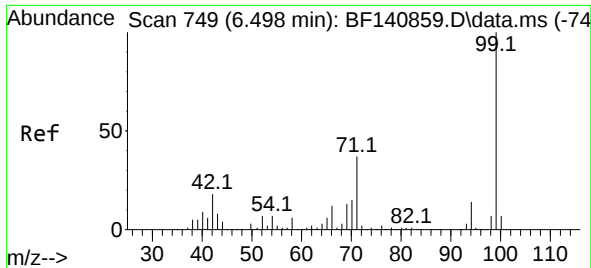


#6
Aniline
Concen: 39.984 ng
RT: 6.516 min Scan# 752
Delta R.T. -0.000 min
Lab File: BF140948.D
Acq: 20 Dec 2024 14:10

Tgt Ion: 93 Resp: 152345

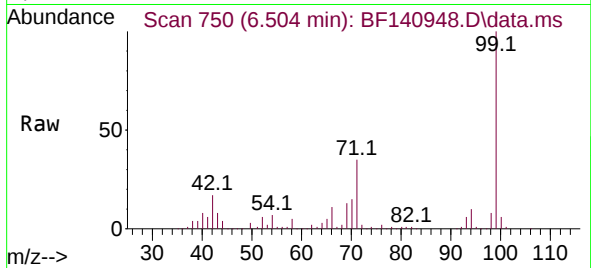
Ion	Ratio	Lower	Upper
93	100		
66	111.0	67.0	100.4#
65	67.9	40.4	60.6#





#7
Phenol-d6
Concen: 134.430 ng
RT: 6.504 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF140948.D
Acq: 20 Dec 2024 14:10

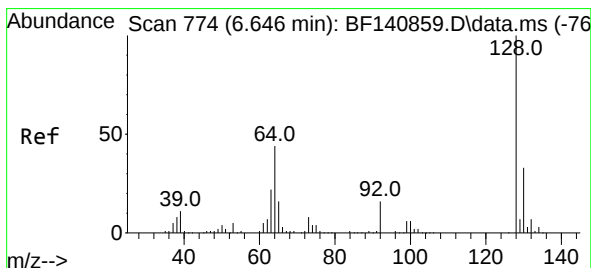
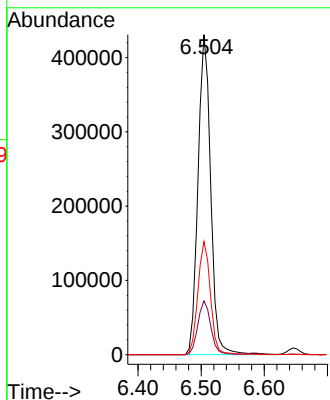
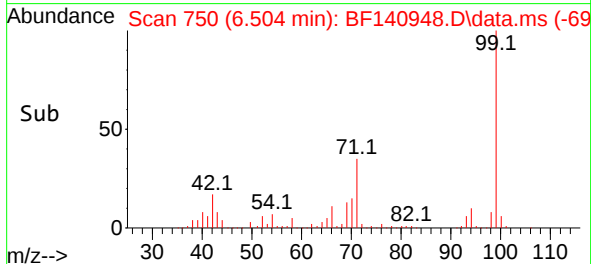
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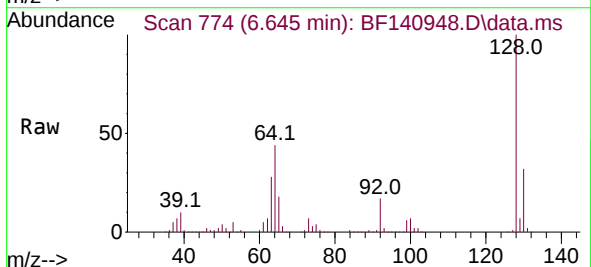
Tgt Ion: 99 Resp: 599050
Ion Ratio Lower Upper
99 100
42 16.8 14.3 21.5
71 35.4 29.9 44.9

Manual Integrations
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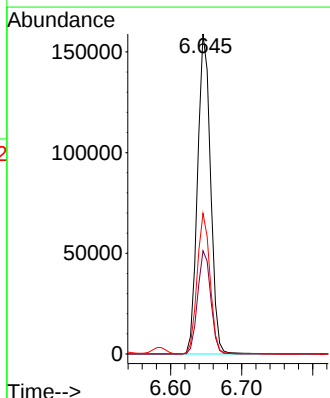
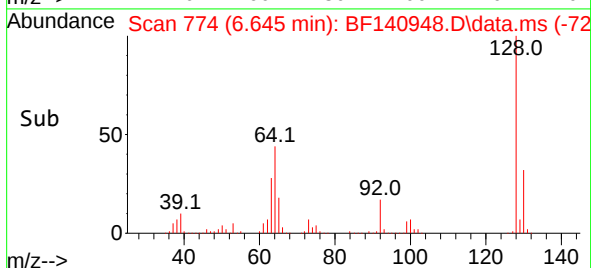
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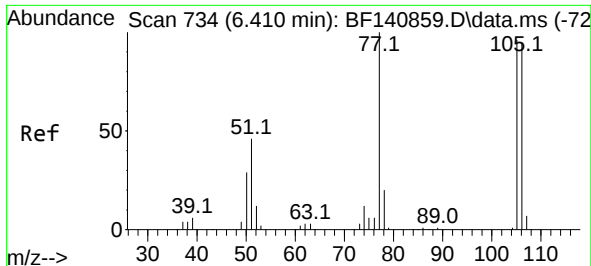


#8
2-Chlorophenol
Concen: 55.230 ng
RT: 6.645 min Scan# 774
Delta R.T. -0.000 min
Lab File: BF140948.D
Acq: 20 Dec 2024 14:10



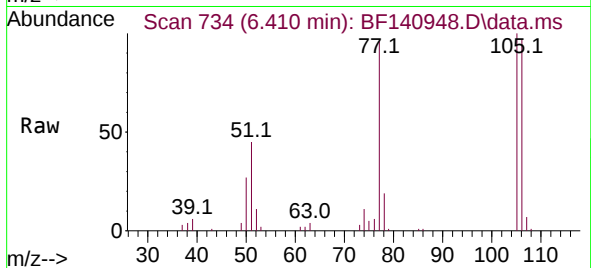
Tgt Ion:128 Resp: 202633
Ion Ratio Lower Upper
128 100
130 32.3 12.9 52.9
64 44.0 24.3 64.3





#9
Benzaldehyde
Concen: 15.462 ng
RT: 6.410 min Scan# 710
Delta R.T. -0.000 min
Lab File: BF140948.D
Acq: 20 Dec 2024 14:10

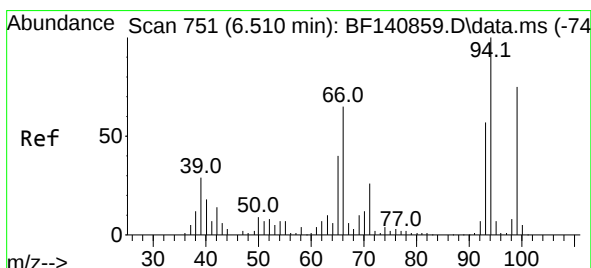
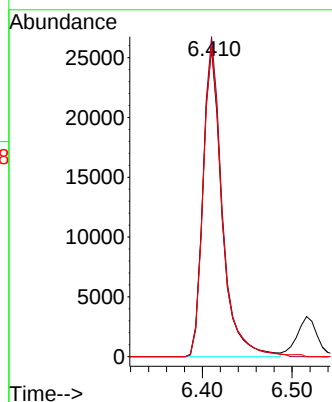
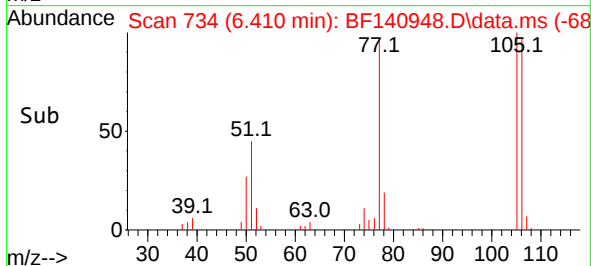
Instrument :
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ClientSampleId :
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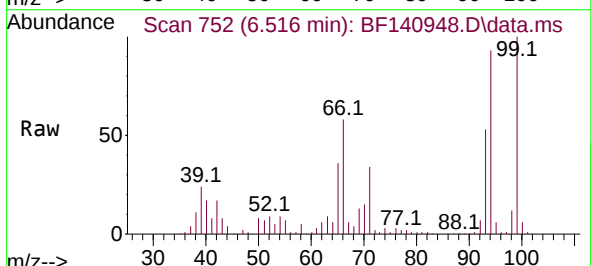
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Ion Ratio Lower Upper
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105 104.0 75.8 115.8
106 100.9 74.1 114.1

Manual Integrations
APPROVED

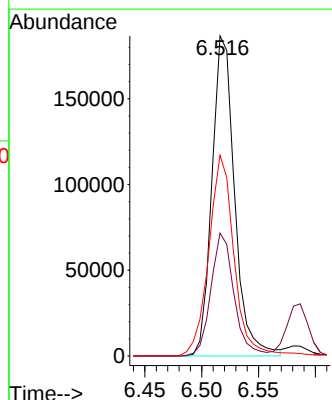
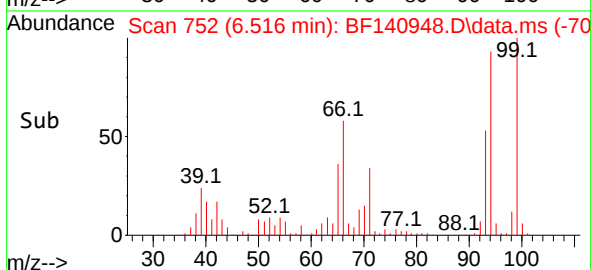
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#10
Phenol
Concen: 56.104 ng
RT: 6.516 min Scan# 752
Delta R.T. 0.006 min
Lab File: BF140948.D
Acq: 20 Dec 2024 14:10



Tgt Ion: 94 Resp: 259118
Ion Ratio Lower Upper
94 100
65 38.4 19.9 59.9
66 62.7 45.6 85.6





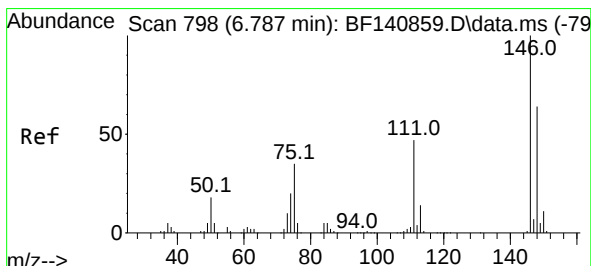
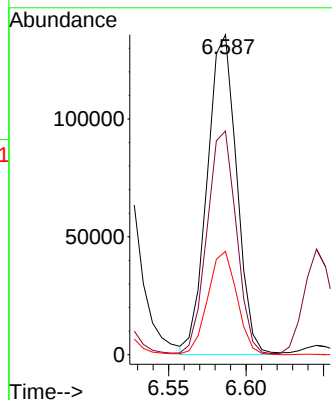
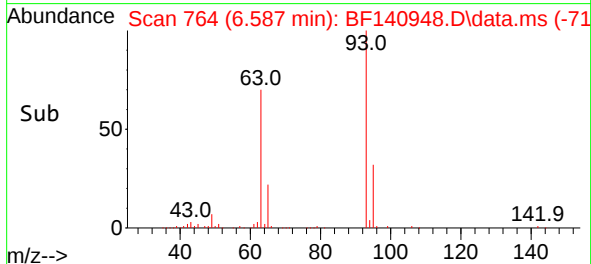
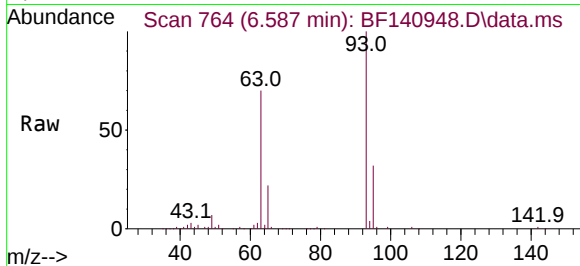
#11
bis(2-Chloroethyl)ether
Concen: 52.272 ng
RT: 6.587 min Scan# 764
Delta R.T. -0.000 min
Lab File: BF140948.D
Acq: 20 Dec 2024 14:10

Instrument :
BNA_F
ClientSampleId :
OU4-VSL-11-121224MS

Tgt Ion: 93 Resp: 18004
Ion Ratio Lower Upper
93 100
63 69.9 51.0 91.0
95 32.3 12.0 52.0

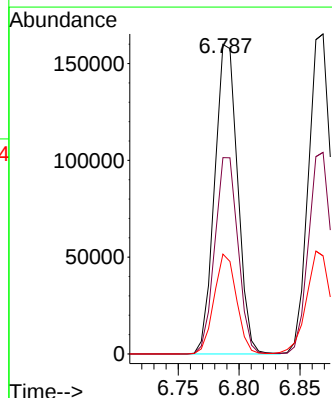
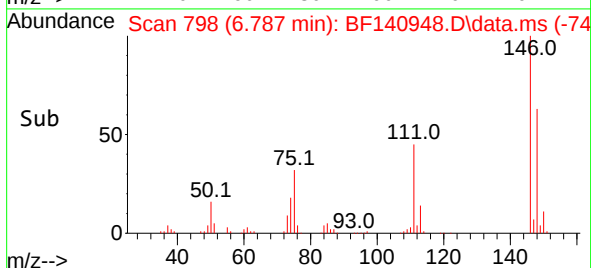
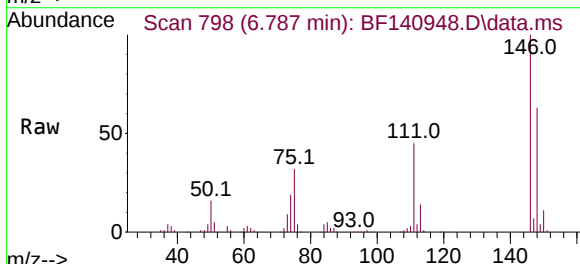
Manual Integrations
APPROVED

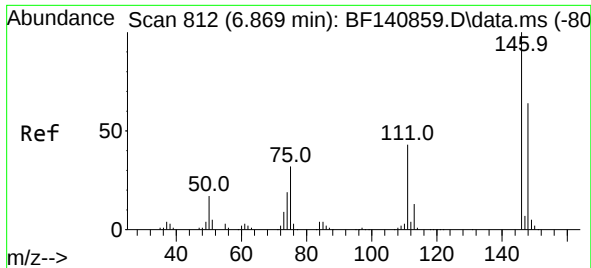
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#12
1,3-Dichlorobenzene
Concen: 50.348 ng
RT: 6.787 min Scan# 798
Delta R.T. -0.000 min
Lab File: BF140948.D
Acq: 20 Dec 2024 14:10

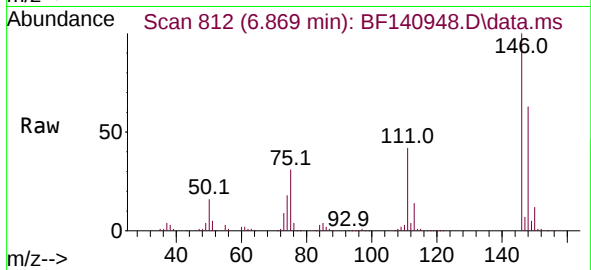
Tgt Ion:146 Resp: 210487
Ion Ratio Lower Upper
146 100
148 63.4 51.0 76.6
75 32.2 28.1 42.1





#13
1,4-Dichlorobenzene
Concen: 51.092 ng
RT: 6.869 min Scan# 812
Delta R.T. -0.000 min
Lab File: BF140948.D
Acq: 20 Dec 2024 14:10

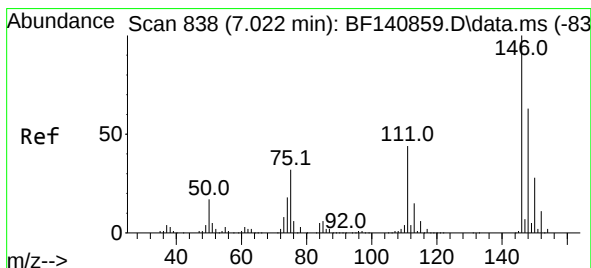
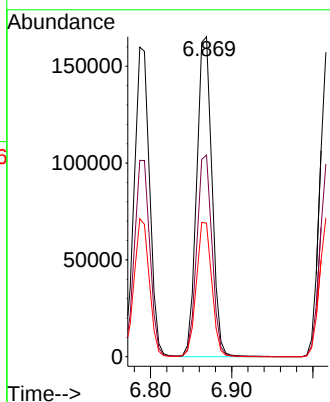
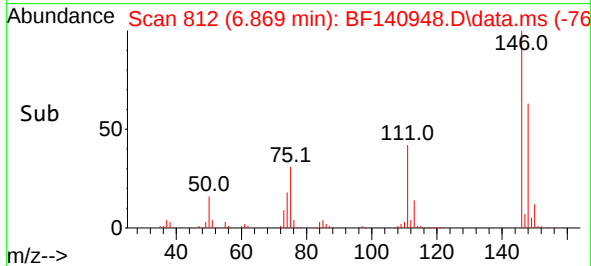
Instrument :
BNA_F
ClientSampleId :
OU4-VSL-11-121224MS



Tgt Ion:146 Resp: 216818
Ion Ratio Lower Upper
146 100
148 63.0 51.3 76.9
111 41.7 34.4 51.6

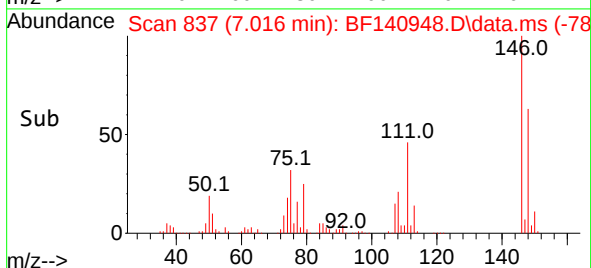
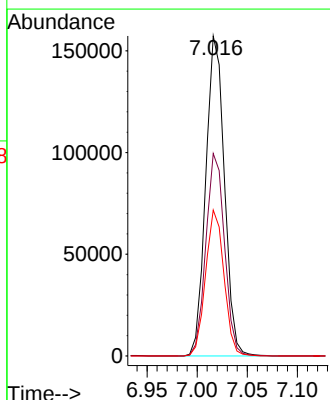
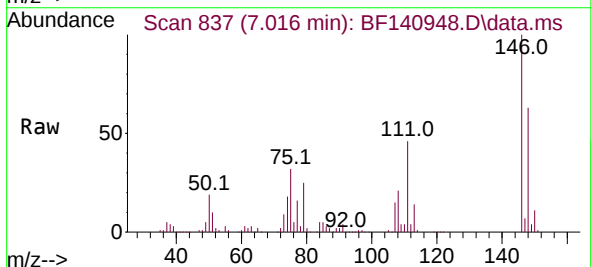
Manual Integrations
APPROVED

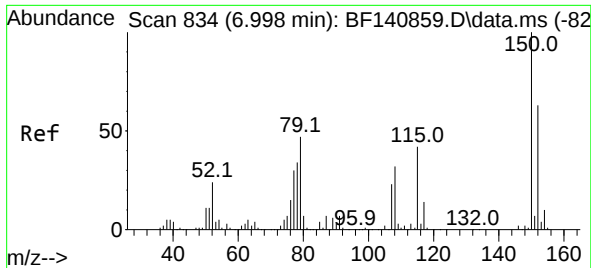
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#14
1,2-Dichlorobenzene
Concen: 50.890 ng
RT: 7.016 min Scan# 837
Delta R.T. -0.006 min
Lab File: BF140948.D
Acq: 20 Dec 2024 14:10

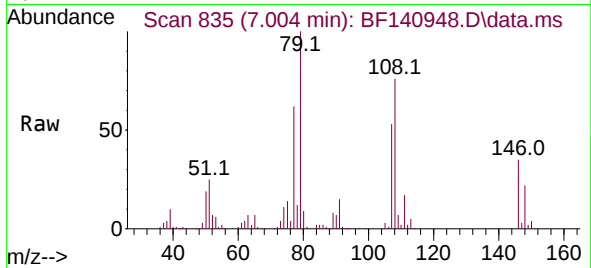
Tgt Ion:146 Resp: 203761
Ion Ratio Lower Upper
146 100
148 63.3 50.0 75.0
111 45.6 35.6 53.4





#15
Benzyl Alcohol
Concen: 55.078 ng
RT: 7.004 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF140948.D
Acq: 20 Dec 2024 14:10

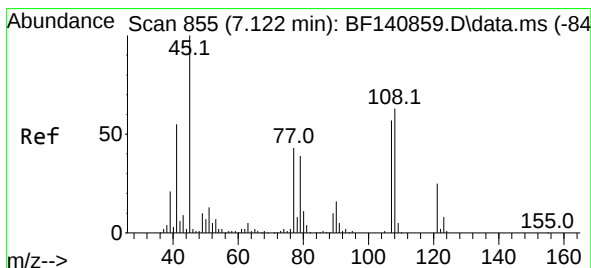
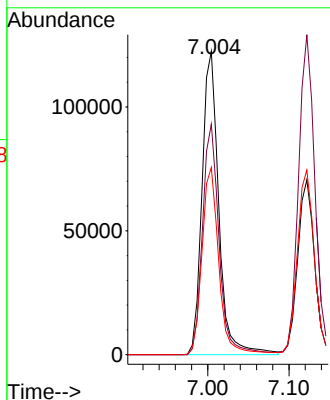
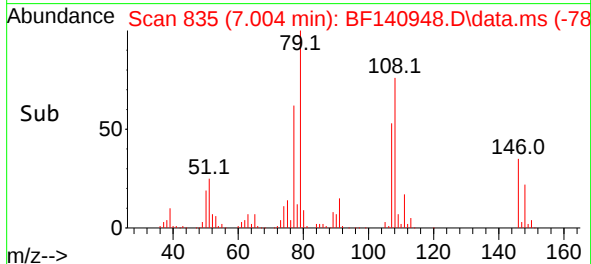
Instrument :
BNA_F
ClientSampleId :
OU4-VSL-11-121224MS



Tgt Ion: 79 Resp: 175492
Ion Ratio Lower Upper
79 100
108 76.0 55.1 82.7
77 61.7 50.6 76.0

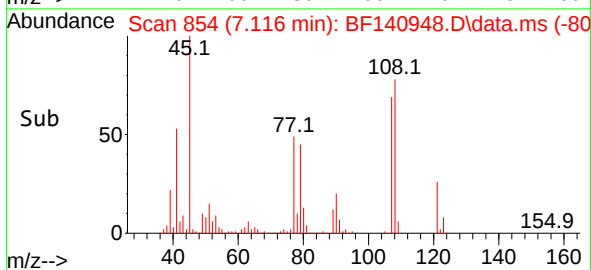
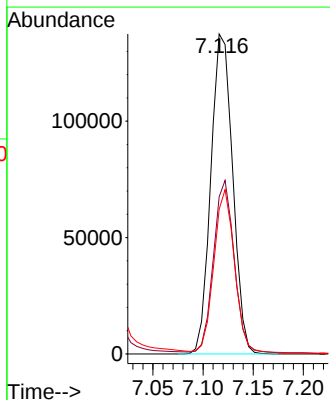
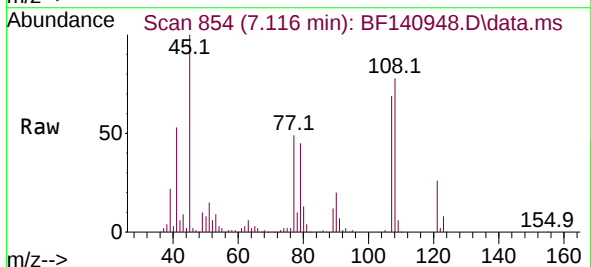
Manual Integrations
APPROVED

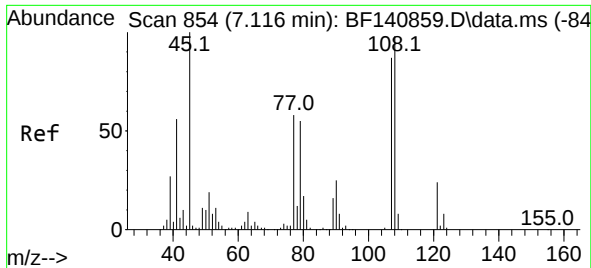
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 51.327 ng
RT: 7.116 min Scan# 854
Delta R.T. -0.006 min
Lab File: BF140948.D
Acq: 20 Dec 2024 14:10

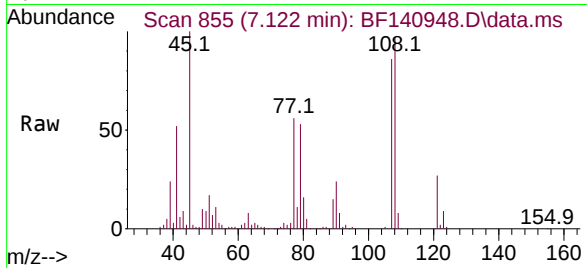
Tgt Ion: 45 Resp: 208259
Ion Ratio Lower Upper
45 100
77 49.1 23.3 63.3
79 45.2 20.0 60.0





#17
2-Methylphenol
Concen: 54.685 ng
RT: 7.122 min Scan# 855
Delta R.T. 0.006 min
Lab File: BF140948.D
Acq: 20 Dec 2024 14:10

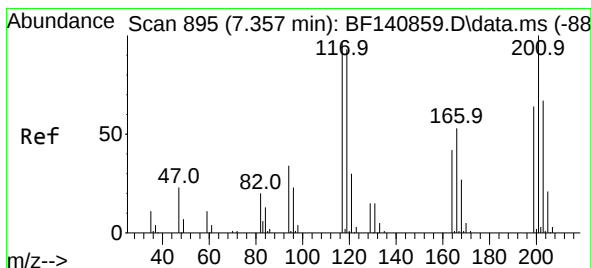
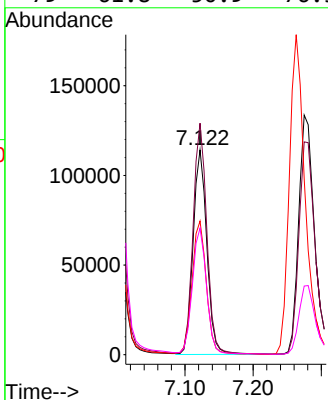
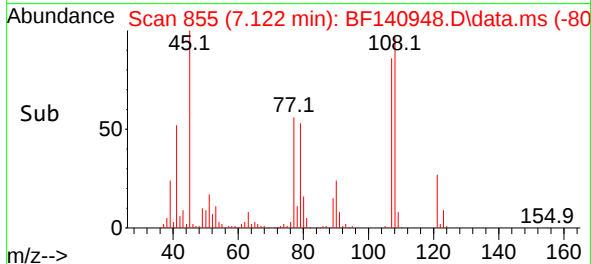
Instrument :
BNA_F
ClientSampleId :
OU4-VSL-11-121224MS



Tgt Ion:107 Resp: 16018
Ion Ratio Lower Upper
107 100
108 113.0 90.2 135.4
77 65.2 53.8 80.6
79 61.8 50.9 76.3

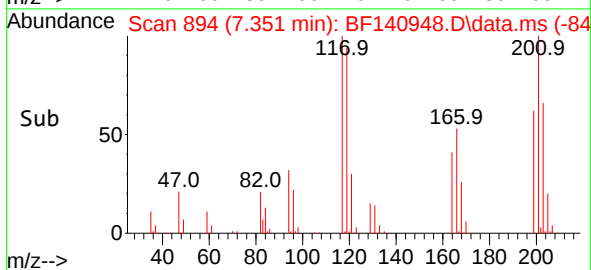
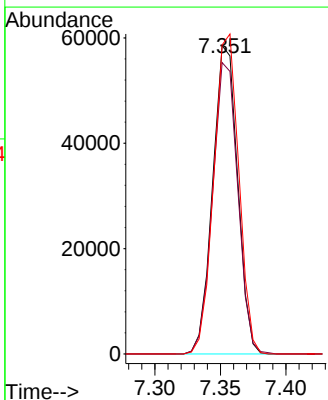
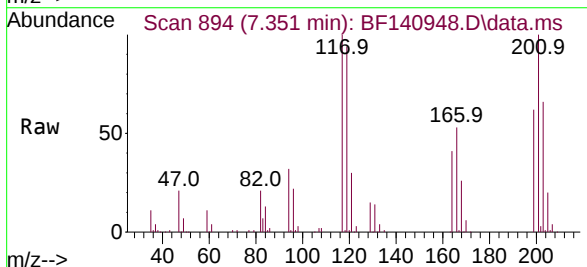
Manual Integrations
APPROVED

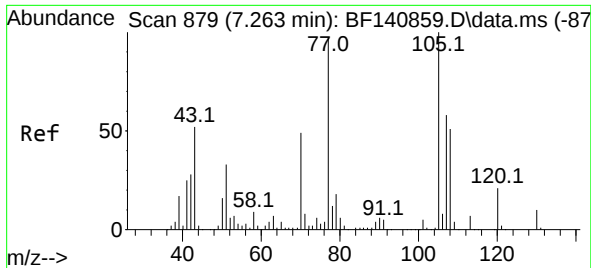
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#18
Hexachloroethane
Concen: 48.978 ng
RT: 7.351 min Scan# 894
Delta R.T. -0.006 min
Lab File: BF140948.D
Acq: 20 Dec 2024 14:10

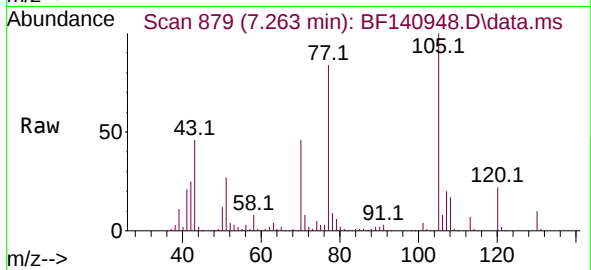
Tgt Ion:117 Resp: 77377
Ion Ratio Lower Upper
117 100
119 94.5 77.4 116.0
201 100.2 83.4 125.0





#19
n-Nitroso-di-n-propylamine
Concen: 52.475 ng
RT: 7.263 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF140948.D
Acq: 20 Dec 2024 14:10

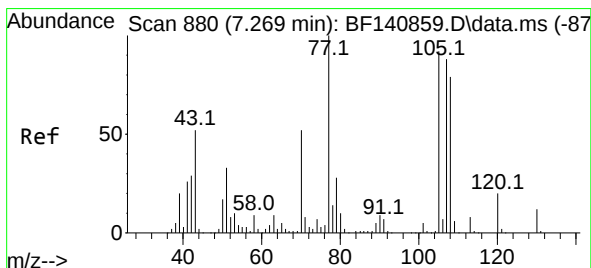
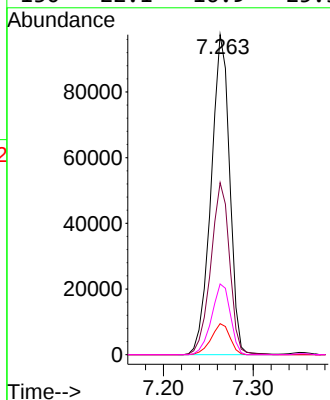
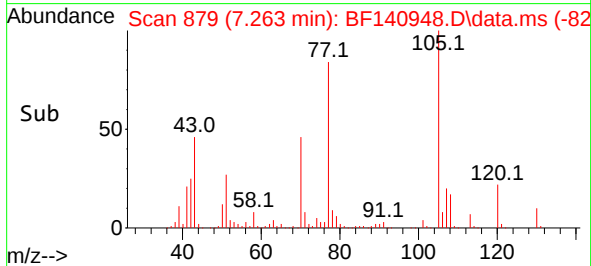
Instrument :
BNA_F
ClientSampleId :
OU4-VSL-11-121224MS



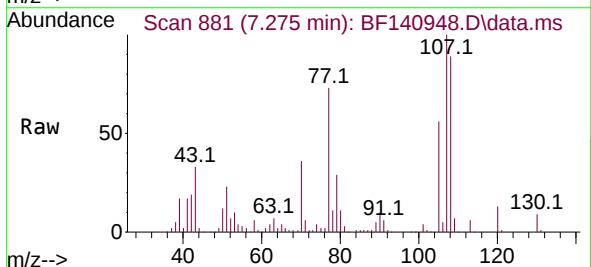
Tgt Ion: 70 Resp: 140269
Ion Ratio Lower Upper
70 100
42 53.8 45.3 67.9
101 9.7 8.0 12.0
130 22.1 16.9 25.3

Manual Integrations
APPROVED

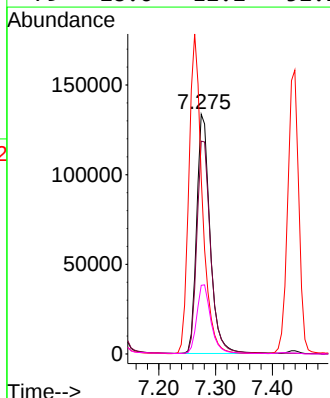
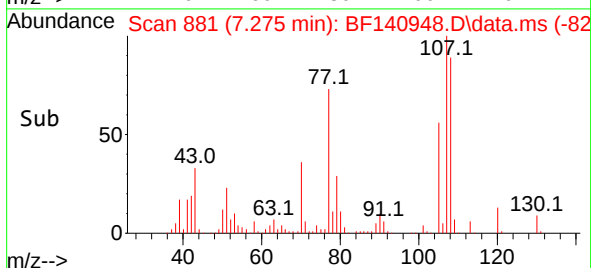
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024

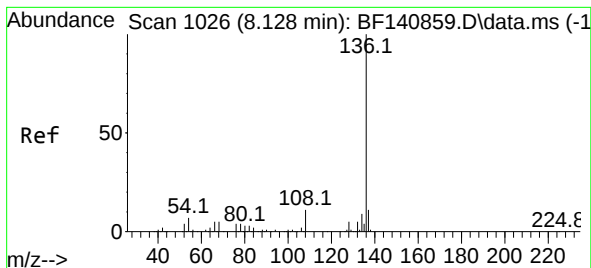


#20
3+4-Methylphenols
Concen: 56.350 ng
RT: 7.275 min Scan# 881
Delta R.T. 0.006 min
Lab File: BF140948.D
Acq: 20 Dec 2024 14:10



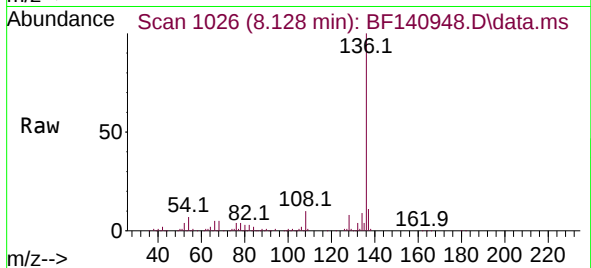
Tgt Ion:107 Resp: 218873
Ion Ratio Lower Upper
107 100
108 88.8 70.1 110.1
77 73.3 94.4 134.4#
79 28.6 12.2 52.2





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1026
Delta R.T. -0.000 min
Lab File: BF140948.D
Acq: 20 Dec 2024 14:10

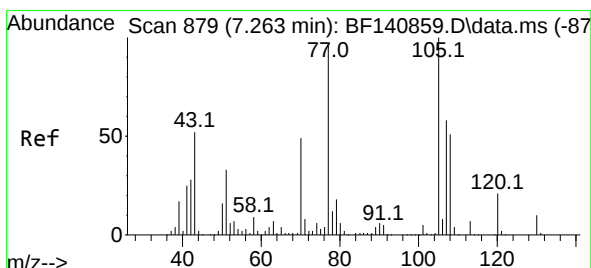
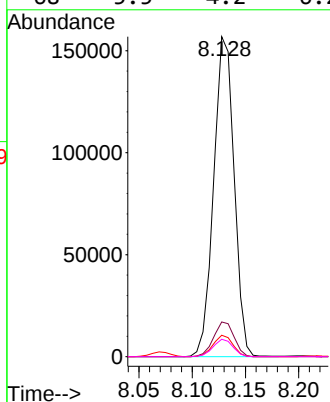
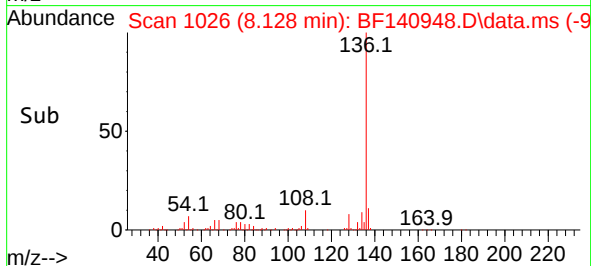
Instrument :
BNA_F
ClientSampleId :
OU4-VSL-11-121224MS



Tgt Ion:136 Resp: 209218
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.4
54 6.7 5.6 8.4
68 5.5 4.2 6.2

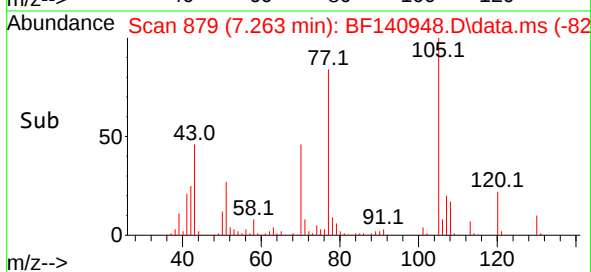
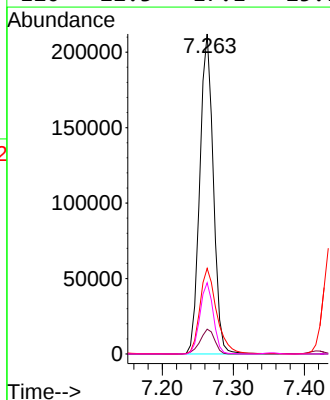
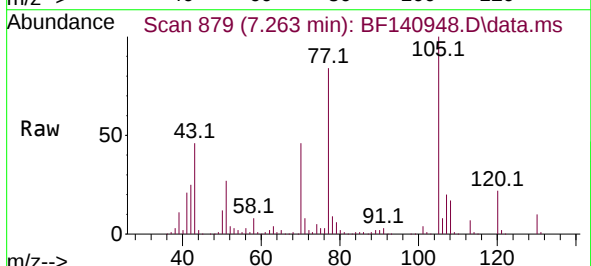
Manual Integrations
APPROVED

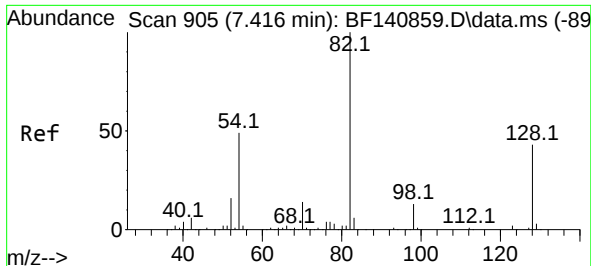
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#22
Acetophenone
Concen: 53.782 ng
RT: 7.263 min Scan# 879
Delta R.T. -0.000 min
Lab File: BF140948.D
Acq: 20 Dec 2024 14:10

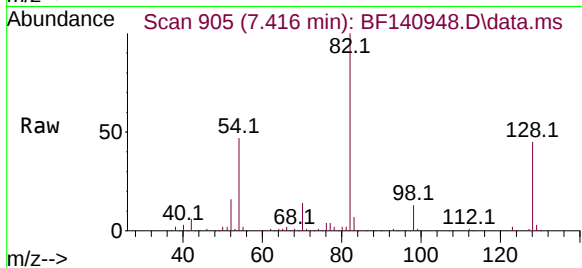
Tgt Ion:105 Resp: 281478
Ion Ratio Lower Upper
105 100
71 7.8 6.2 9.4
51 26.7 26.3 39.5
120 22.3 17.1 25.7





#23
Nitrobenzene-d5
Concen: 89.012 ng
RT: 7.416 min Scan# 905
Delta R.T. -0.000 min
Lab File: BF140948.D
Acq: 20 Dec 2024 14:10

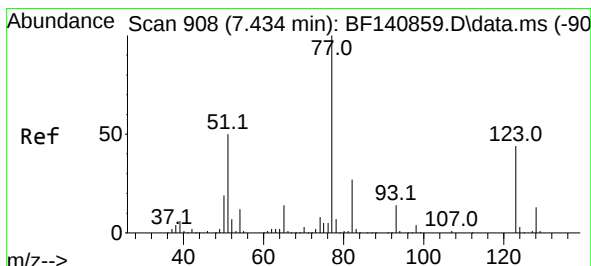
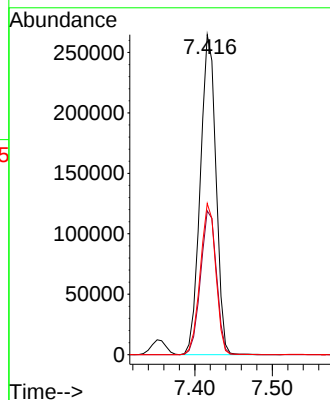
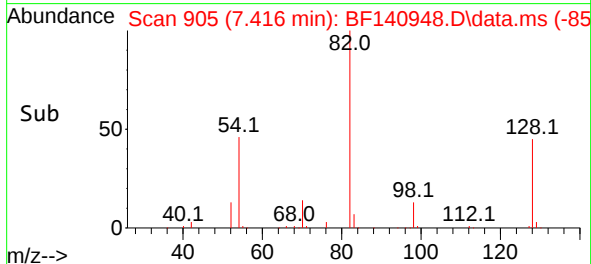
Instrument :
BNA_F
ClientSampleId :
OU4-VSL-11-121224MS



Tgt Ion: 82 Resp: 372228
Ion Ratio Lower Upper
82 100
128 45.0 34.4 51.6
54 47.2 38.8 58.2

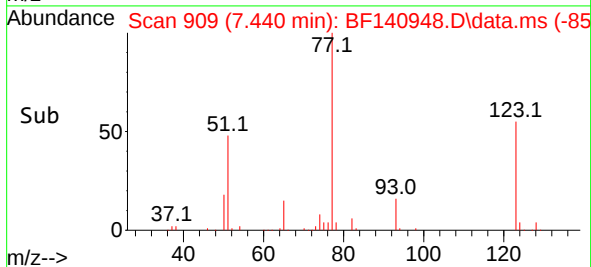
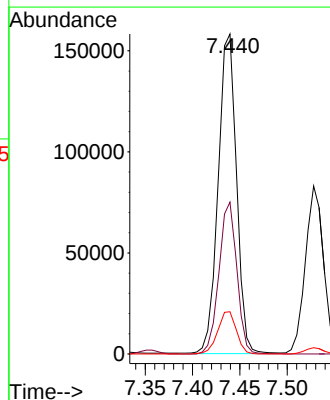
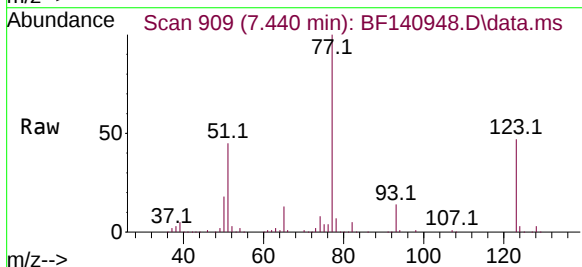
Manual Integrations
APPROVED

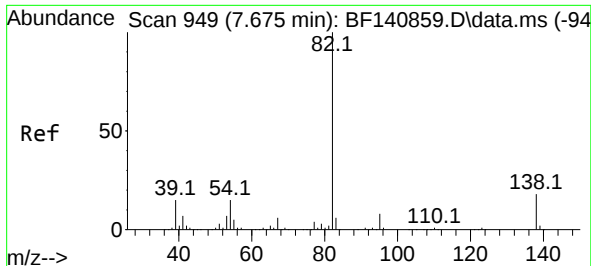
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#24
Nitrobenzene
Concen: 49.921 ng
RT: 7.440 min Scan# 909
Delta R.T. 0.006 min
Lab File: BF140948.D
Acq: 20 Dec 2024 14:10

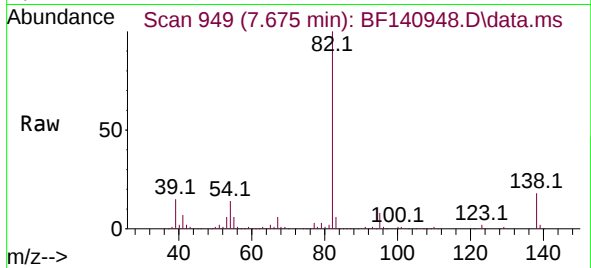
Tgt Ion: 77 Resp: 213867
Ion Ratio Lower Upper
77 100
123 47.5 35.0 52.4
65 13.2 11.4 17.0





#25
Isophorone
Concen: 51.161 ng
RT: 7.675 min Scan# 949
Delta R.T. -0.000 min
Lab File: BF140948.D
Acq: 20 Dec 2024 14:10

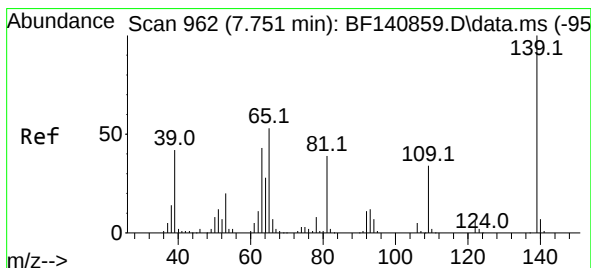
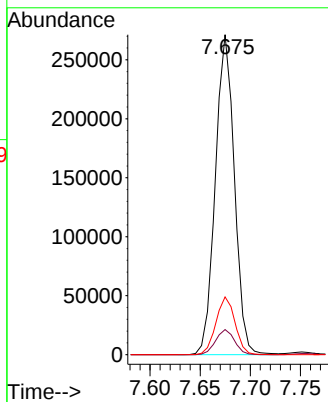
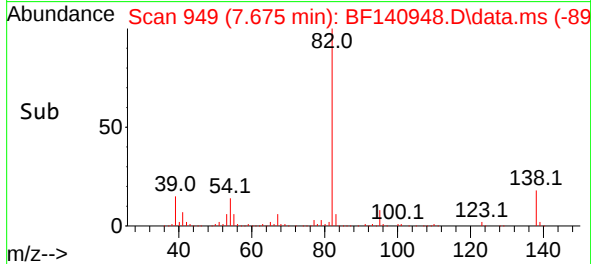
Instrument :
BNA_F
ClientSampleId :
OU4-VSL-11-121224MS



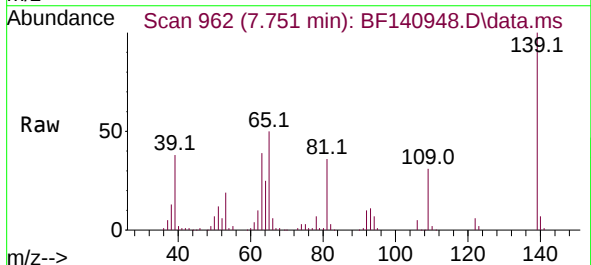
Tgt Ion: 82 Resp: 358474
Ion Ratio Lower Upper
82 100
95 7.9 6.3 9.5
138 18.1 14.1 21.1

Manual Integrations
APPROVED

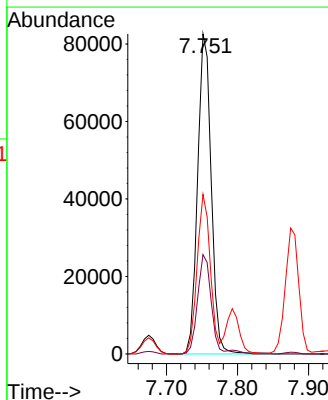
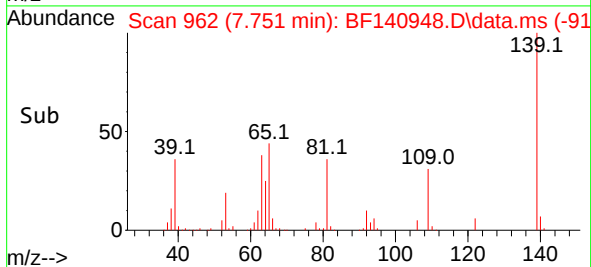
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#26
2-Nitrophenol
Concen: 55.813 ng
RT: 7.751 min Scan# 962
Delta R.T. -0.000 min
Lab File: BF140948.D
Acq: 20 Dec 2024 14:10



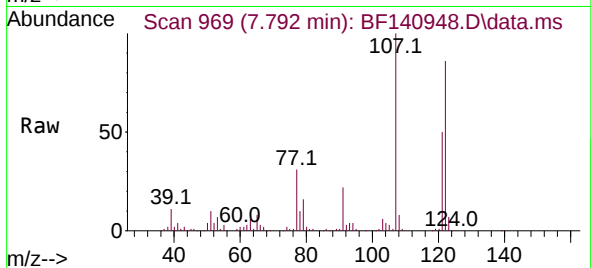
Tgt Ion:139 Resp: 110125
Ion Ratio Lower Upper
139 100
109 31.1 26.9 40.3
65 49.8 42.6 64.0





#27
2,4-Dimethylphenol
Concen: 65.624 ng
RT: 7.792 min Scan# 90
Delta R.T. -0.000 min
Lab File: BF140948.D
Acq: 20 Dec 2024 14:10

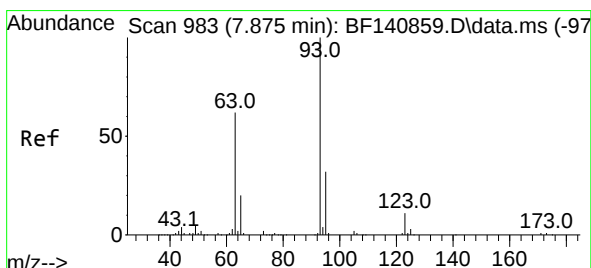
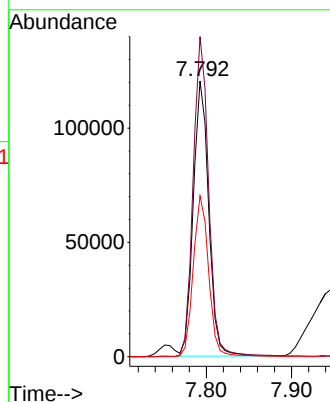
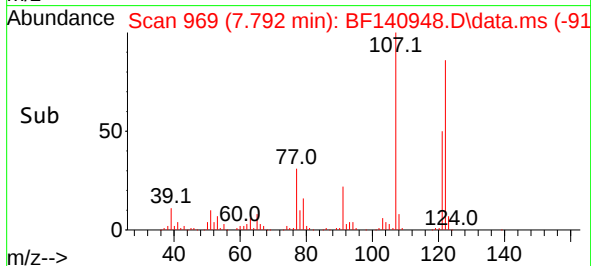
Instrument :
BNA_F
ClientSampleId :
OU4-VSL-11-121224MS



Tgt Ion:122 Resp: 151210
Ion Ratio Lower Upper
122 100
107 116.1 92.6 139.0
121 58.3 45.8 68.8

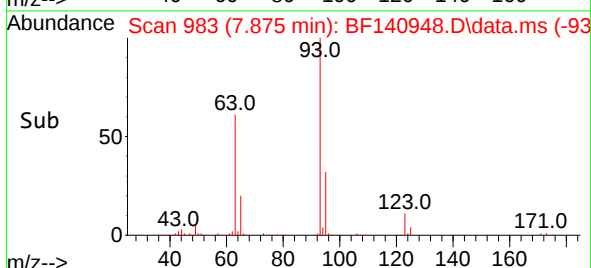
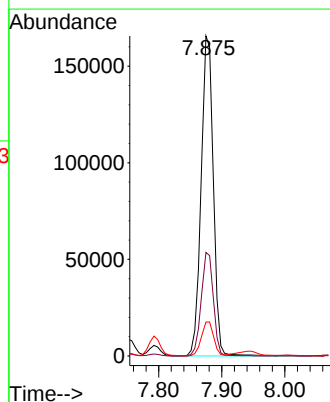
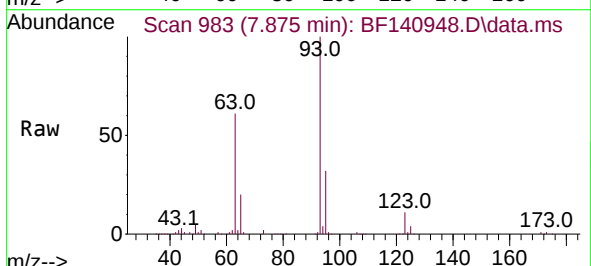
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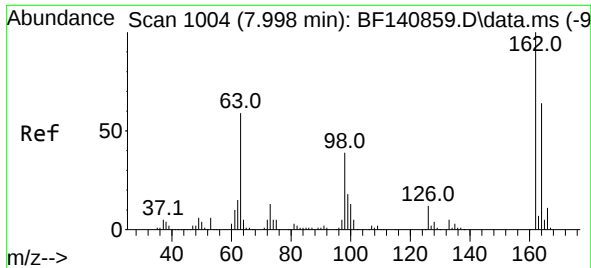
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#28
bis(2-Chloroethoxy)methane
Concen: 50.641 ng
RT: 7.875 min Scan# 983
Delta R.T. -0.000 min
Lab File: BF140948.D
Acq: 20 Dec 2024 14:10

Tgt Ion: 93 Resp: 221616
Ion Ratio Lower Upper
93 100
95 32.4 25.3 37.9
123 10.6 8.6 13.0





#29

2,4-Dichlorophenol

Concen: 53.525 ng

RT: 8.004 min Scan# 1004

Delta R.T. 0.006 min

Lab File: BF140948.D

Acq: 20 Dec 2024 14:10

Instrument :

BNA_F

ClientSampleId :

OU4-VSL-11-121224MS

Tgt Ion:162 Resp: 170278

Ion Ratio Lower Upper

162 100

164 63.9 43.7 83.7

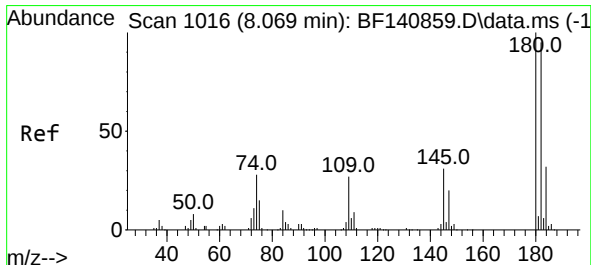
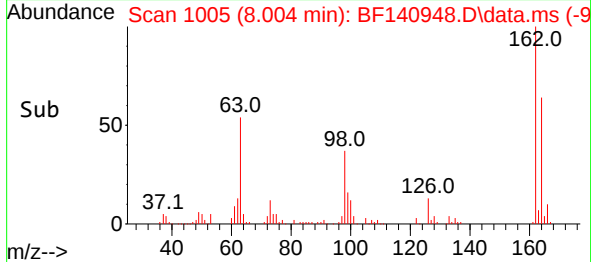
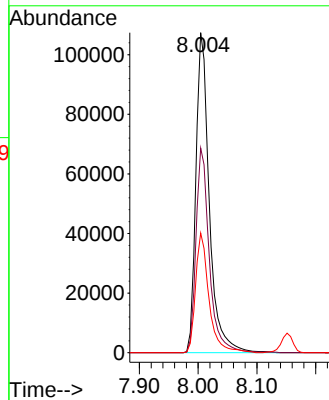
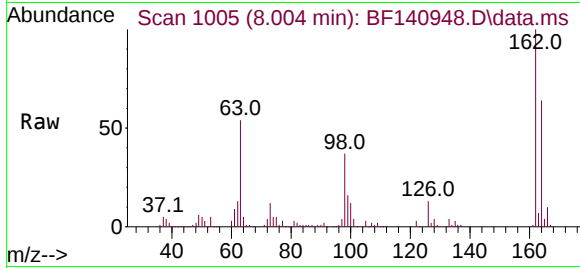
98 37.4 18.6 58.6

Manual Integrations

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Reviewed By :Jagrut Upadhyay 12/23/2024

Supervised By :mohammad ahmed 12/24/2024



#30

1,2,4-Trichlorobenzene

Concen: 47.901 ng

RT: 8.075 min Scan# 1017

Delta R.T. 0.006 min

Lab File: BF140948.D

Acq: 20 Dec 2024 14:10

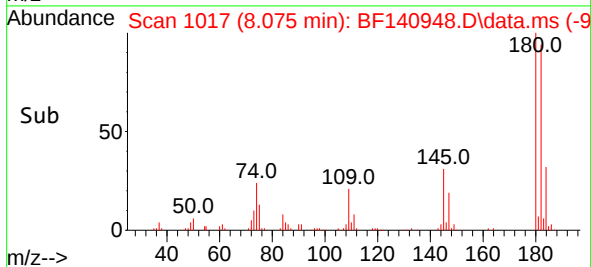
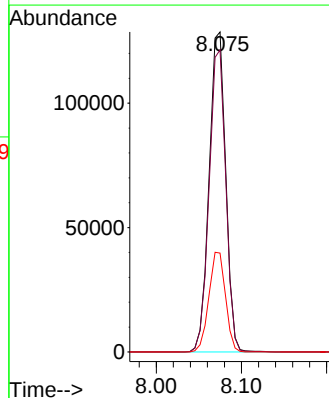
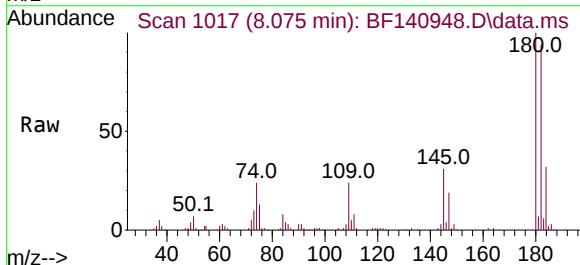
Tgt Ion:180 Resp: 174689

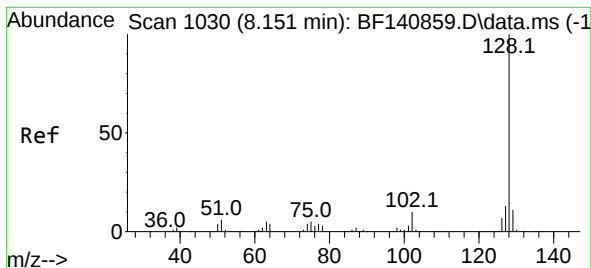
Ion Ratio Lower Upper

180 100

182 94.4 75.8 113.6

145 30.9 25.2 37.8





#31

Naphthalene

Concen: 50.150 ng

RT: 8.151 min Scan# 1030

Delta R.T. -0.000 min

Lab File: BF140948.D

Acq: 20 Dec 2024 14:10

Instrument :

BNA_F

ClientSampleId :

OU4-VSL-11-121224MS

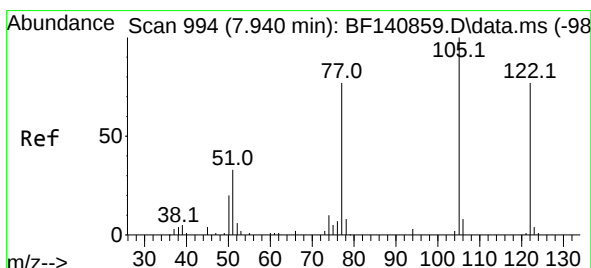
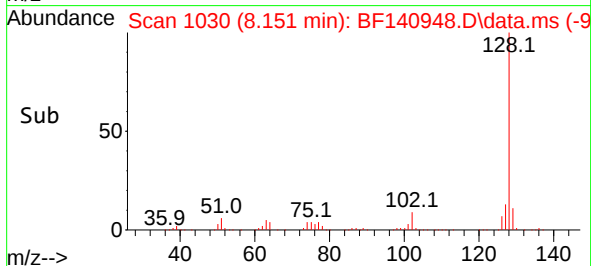
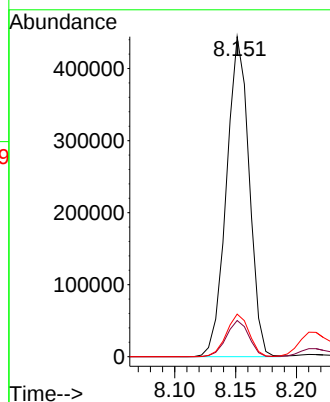
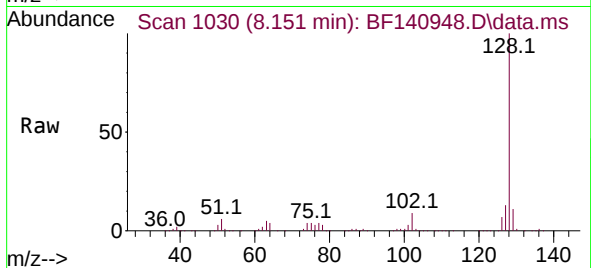
Tgt Ion:128 Resp: 576350

Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.9	13.3
127	13.3	10.6	16.0

Manual Integrations

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Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#32

Benzoic acid

Concen: 36.568 ng

RT: 7.945 min Scan# 995

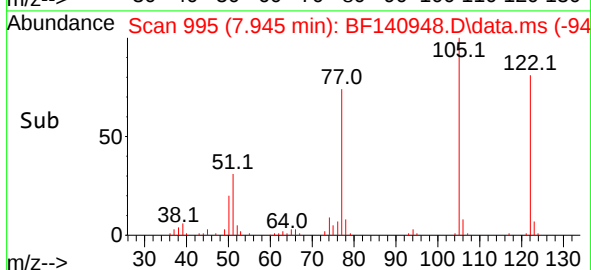
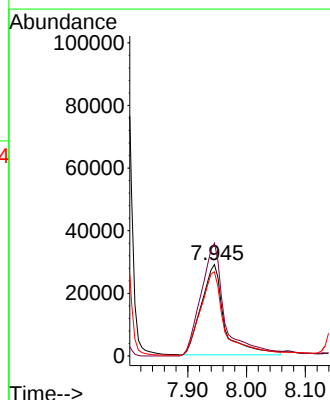
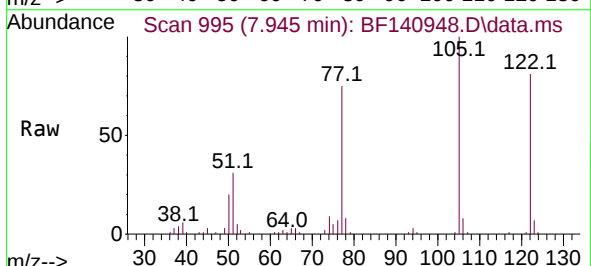
Delta R.T. 0.005 min

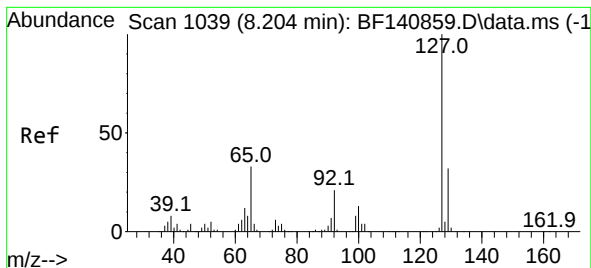
Lab File: BF140948.D

Acq: 20 Dec 2024 14:10

Tgt Ion:122 Resp: 79916

Ion	Ratio	Lower	Upper
122	100		
105	123.4	108.3	148.3
77	92.2	78.8	118.8





#33

4-Chloroaniline

Concen: 22.717 ng

RT: 8.210 min Scan# 1040

Delta R.T. 0.006 min

Lab File: BF140948.D

Acq: 20 Dec 2024 14:10

Instrument :

BNA_F

ClientSampleId :

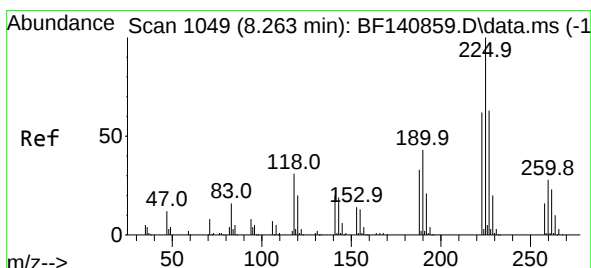
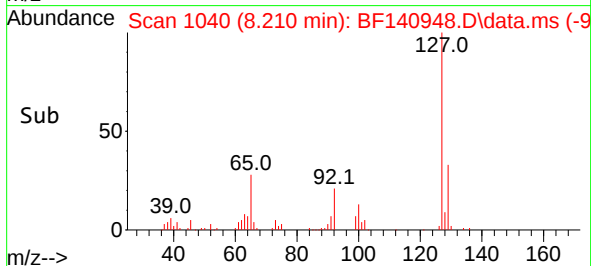
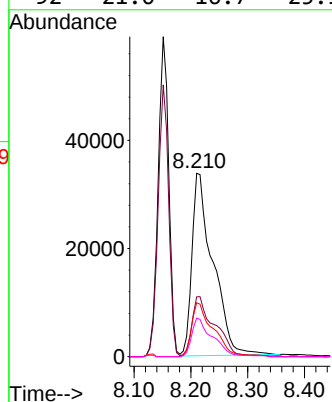
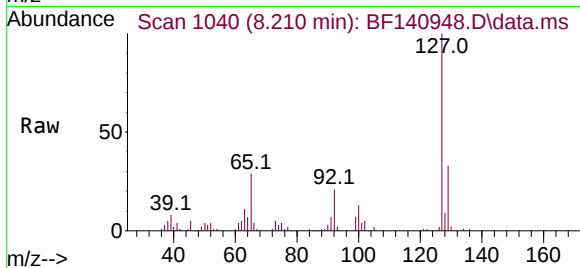
OU4-VSL-11-121224MS

Tgt Ion:	127	Resp:	8671
Ion Ratio	Lower	Upper	
127	100		
129	32.7	26.0	39.0
65	29.4	26.0	39.0
92	21.0	16.7	25.1

Manual Integrations

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Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#34

Hexachlorobutadiene

Concen: 45.808 ng

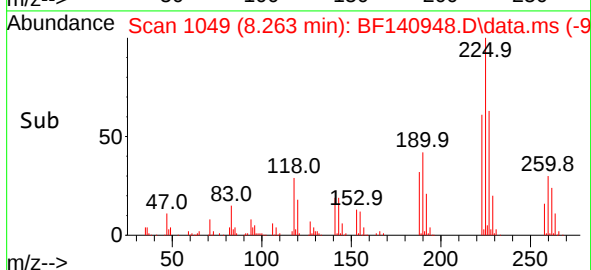
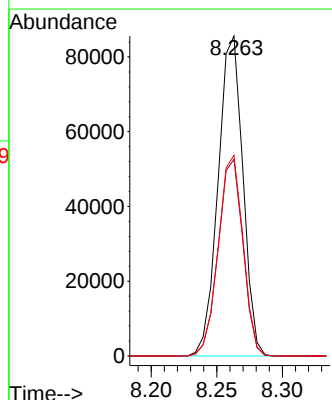
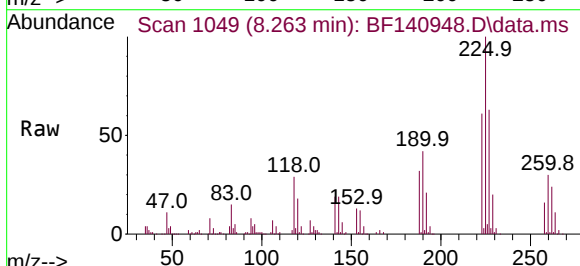
RT: 8.263 min Scan# 1049

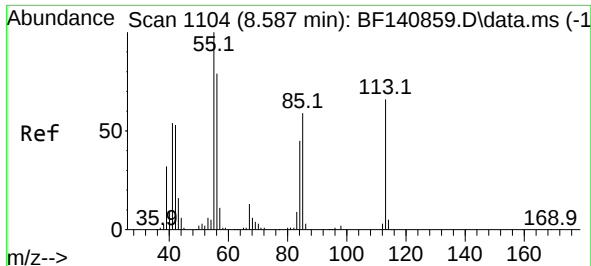
Delta R.T. -0.000 min

Lab File: BF140948.D

Acq: 20 Dec 2024 14:10

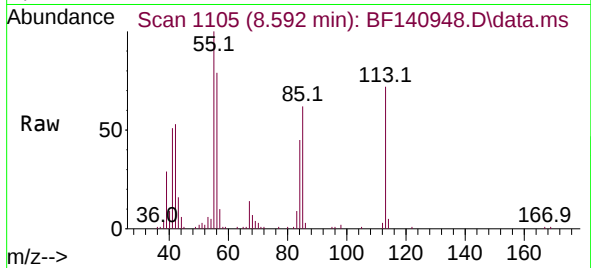
Tgt Ion:	225	Resp:	112396
Ion Ratio	Lower	Upper	
225	100		
223	61.4	49.6	74.4
227	62.7	50.7	76.1





#35
Caprolactam
Concen: 55.895 ng m
RT: 8.592 min Scan# 1104
Delta R.T. 0.006 min
Lab File: BF140948.D
Acq: 20 Dec 2024 14:10

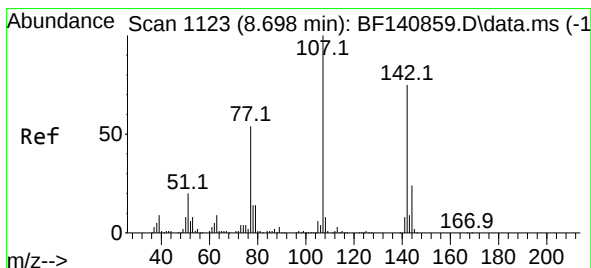
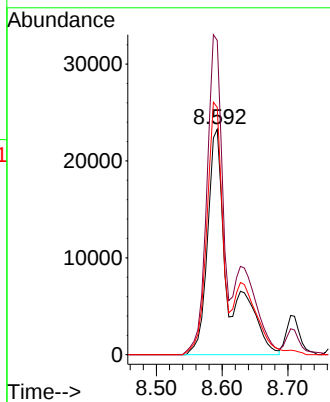
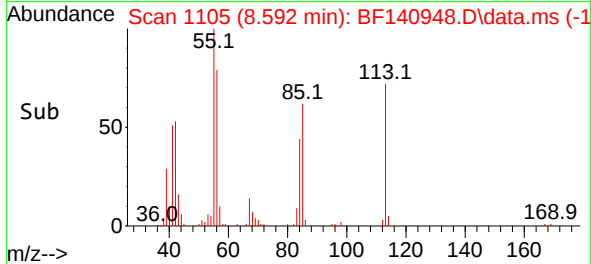
Instrument :
BNA_F
ClientSampleId :
OU4-VSL-11-121224MS



Tgt Ion:113 Resp: 52938
Ion Ratio Lower Upper
113 100
55 139.4 132.3 172.3
56 109.8 100.3 140.3

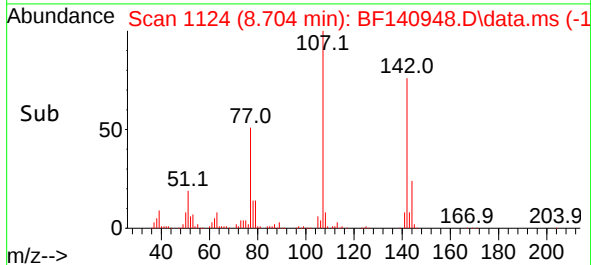
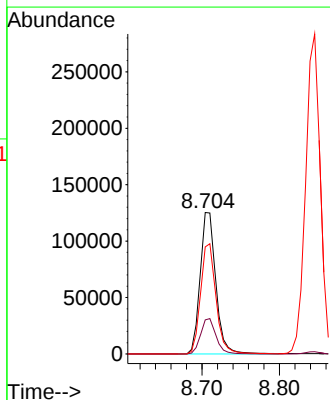
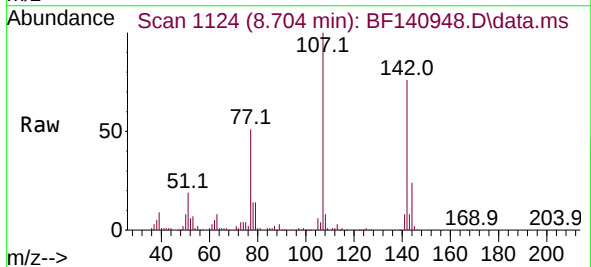
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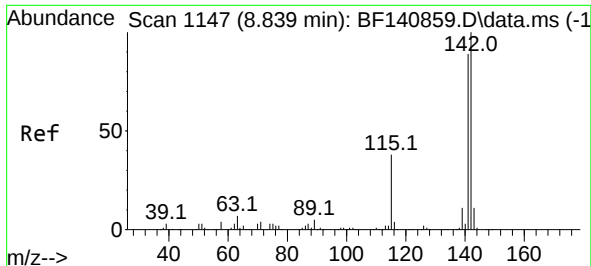
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#36
4-Chloro-3-methylphenol
Concen: 49.233 ng
RT: 8.704 min Scan# 1124
Delta R.T. 0.006 min
Lab File: BF140948.D
Acq: 20 Dec 2024 14:10

Tgt Ion:107 Resp: 176282
Ion Ratio Lower Upper
107 100
144 24.2 19.4 29.2
142 75.8 60.3 90.5





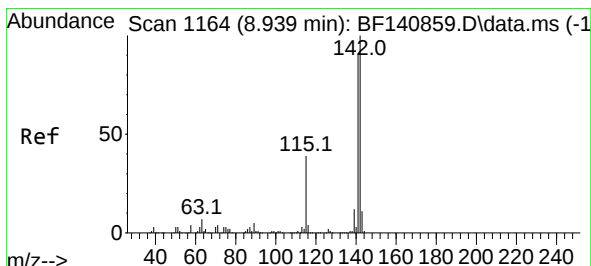
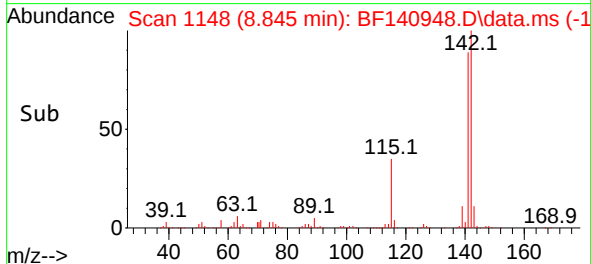
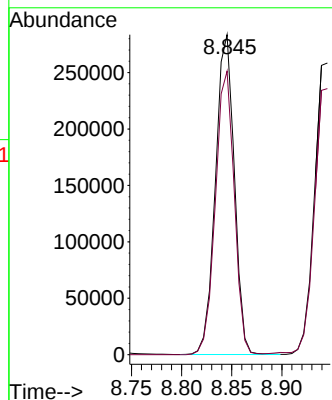
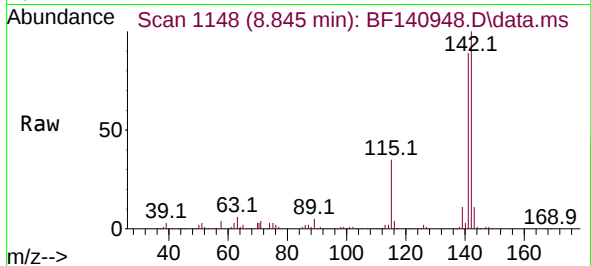
#37
2-Methylnaphthalene
Concen: 48.635 ng
RT: 8.845 min Scan# 1147
Delta R.T. 0.006 min
Lab File: BF140948.D
Acq: 20 Dec 2024 14:10

Instrument :
BNA_F
ClientSampleId :
OU4-VSL-11-121224MS

Tgt Ion:142 Resp: 369738
Ion Ratio Lower Upper
142 100
141 88.6 71.0 106.6

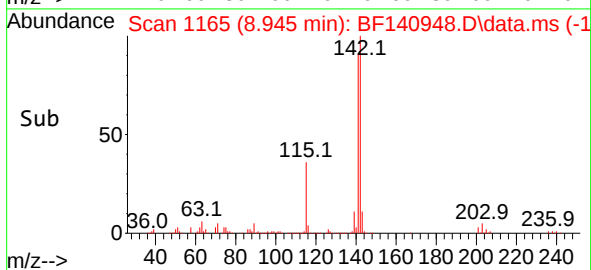
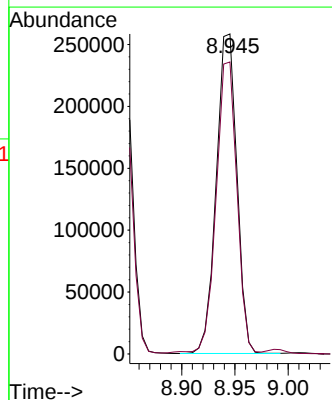
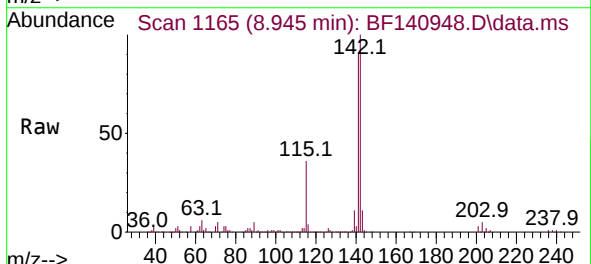
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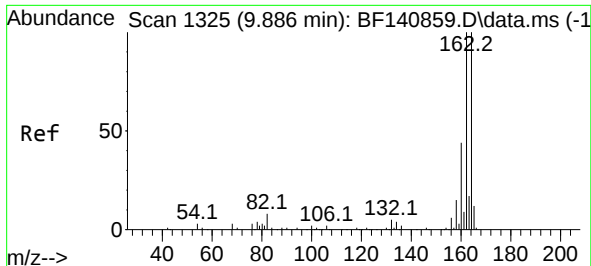
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#38
1-Methylnaphthalene
Concen: 46.215 ng
RT: 8.945 min Scan# 1165
Delta R.T. 0.006 min
Lab File: BF140948.D
Acq: 20 Dec 2024 14:10

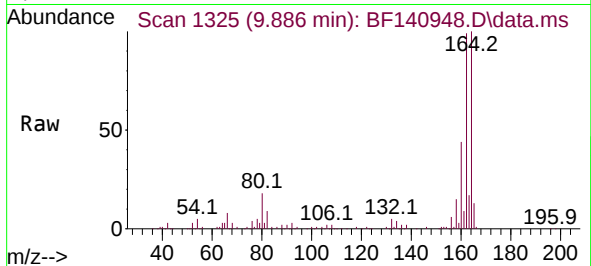
Tgt Ion:142 Resp: 347475
Ion Ratio Lower Upper
142 100
141 91.2 73.4 110.0





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1152
Delta R.T. -0.000 min
Lab File: BF140948.D
Acq: 20 Dec 2024 14:10

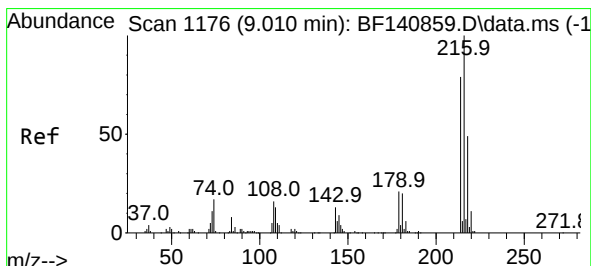
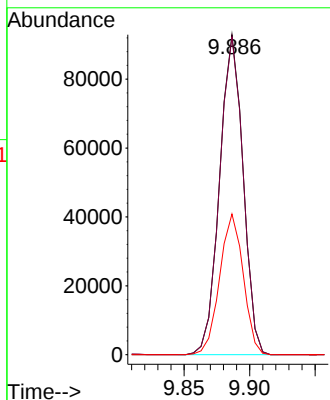
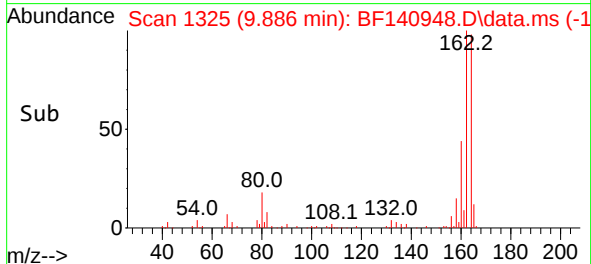
Instrument :
BNA_F
ClientSampleId :
OU4-VSL-11-121224MS



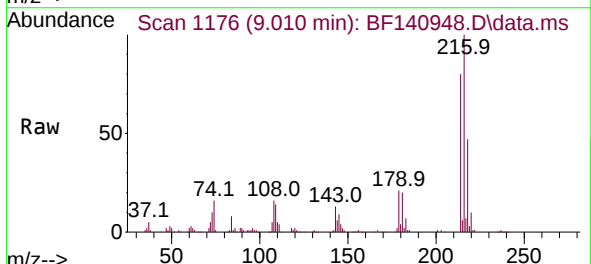
Tgt Ion:164 Resp: 11552
Ion Ratio Lower Upper
164 100
162 99.3 79.9 119.9
160 43.9 35.2 52.8

Manual Integrations
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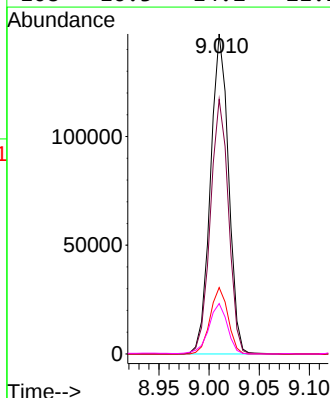
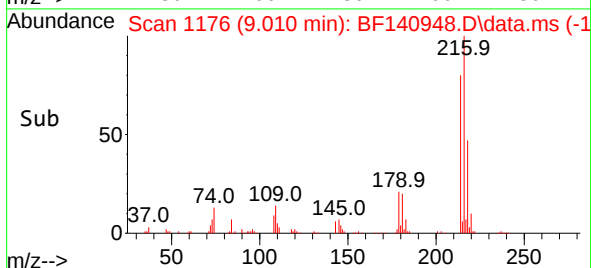
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#40
1,2,4,5-Tetrachlorobenzene
Concen: 52.053 ng
RT: 9.010 min Scan# 1176
Delta R.T. -0.000 min
Lab File: BF140948.D
Acq: 20 Dec 2024 14:10



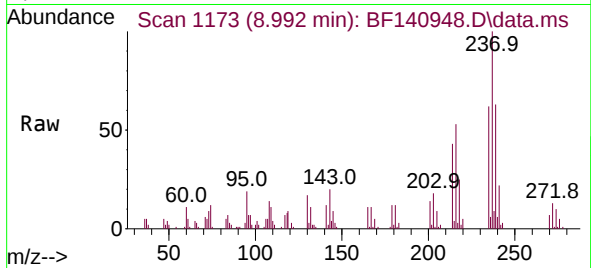
Tgt Ion:216 Resp: 184825
Ion Ratio Lower Upper
216 100
214 79.4 63.6 95.4
179 20.4 17.0 25.4
108 16.3 14.2 21.2





#41
Hexachlorocyclopentadiene
Concen: 40.992 ng
RT: 8.992 min Scan# 1173
Delta R.T. 0.005 min
Lab File: BF140948.D
Acq: 20 Dec 2024 14:10

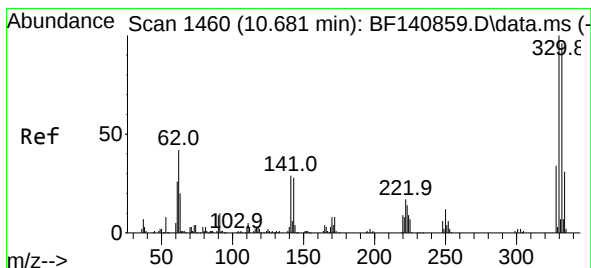
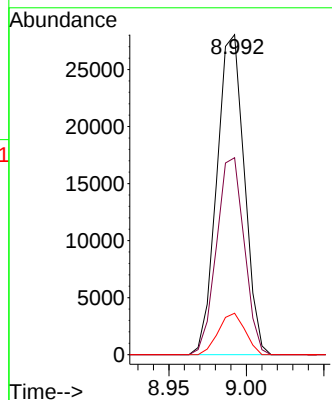
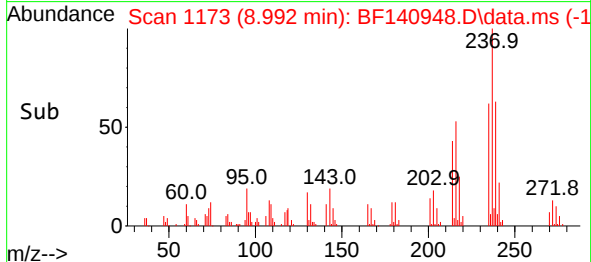
Instrument :
BNA_F
ClientSampleId :
OU4-VSL-11-121224MS



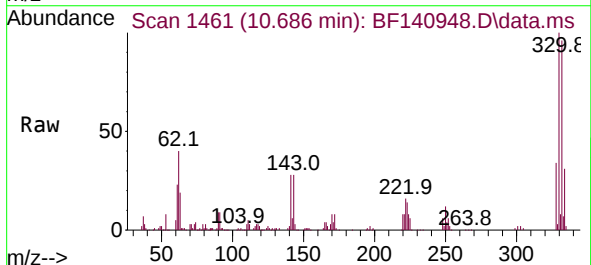
Tgt Ion:237 Resp: 3464
Ion Ratio Lower Upper
237 100
235 61.5 43.7 83.7
272 12.9 0.0 32.9

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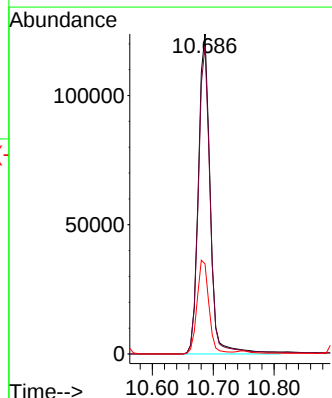
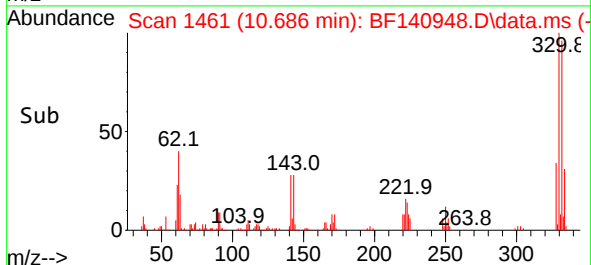
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024

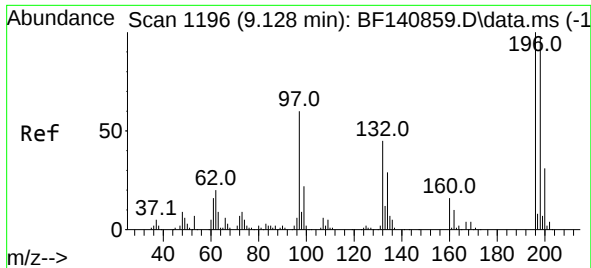


#42
2,4,6-Tribromophenol
Concen: 122.376 ng
RT: 10.686 min Scan# 1461
Delta R.T. 0.006 min
Lab File: BF140948.D
Acq: 20 Dec 2024 14:10



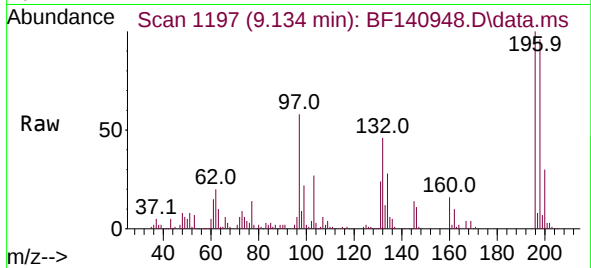
Tgt Ion:330 Resp: 167201
Ion Ratio Lower Upper
330 100
332 97.0 76.2 114.4
141 29.4 24.9 37.3





#43
2,4,6-Trichlorophenol
Concen: 50.964 ng
RT: 9.134 min Scan# 1196
Delta R.T. 0.006 min
Lab File: BF140948.D
Acq: 20 Dec 2024 14:10

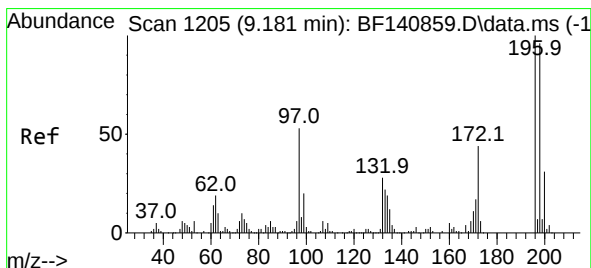
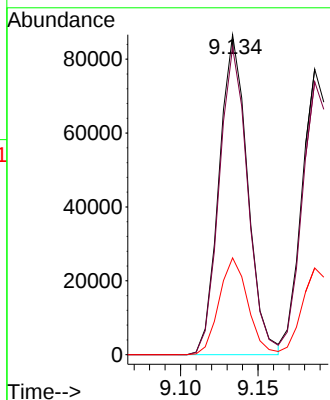
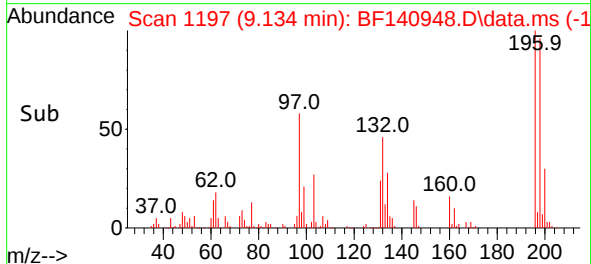
Instrument :
BNA_F
ClientSampleId :
OU4-VSL-11-121224MS



Tgt Ion:196 Resp: 11080
Ion Ratio Lower Upper
196 100
198 96.0 77.4 116.0
200 30.2 24.5 36.7

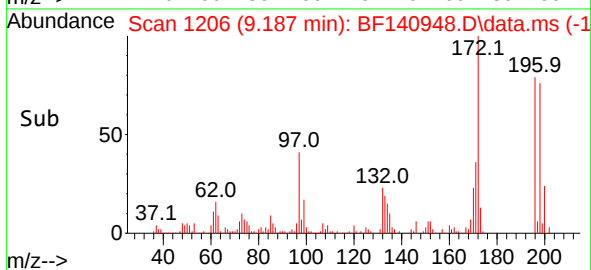
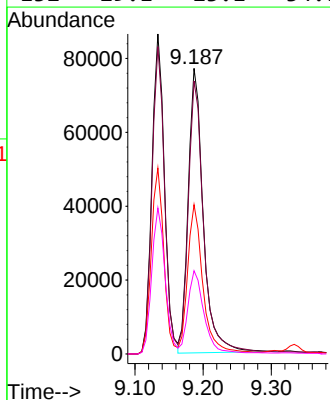
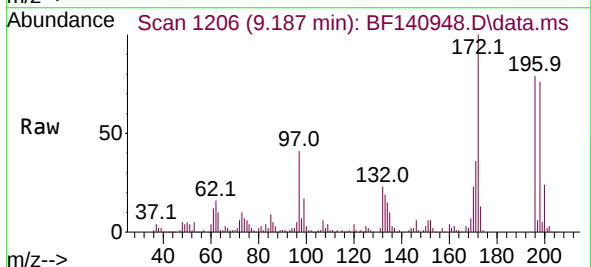
Manual Integrations
APPROVED

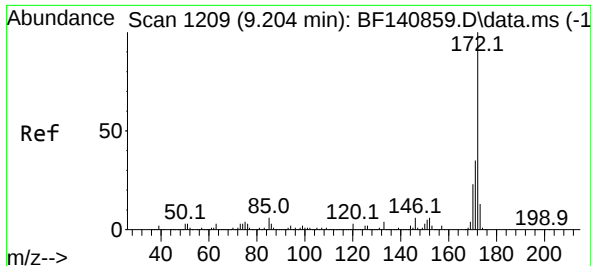
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#44
2,4,5-Trichlorophenol
Concen: 49.337 ng
RT: 9.187 min Scan# 1206
Delta R.T. 0.006 min
Lab File: BF140948.D
Acq: 20 Dec 2024 14:10

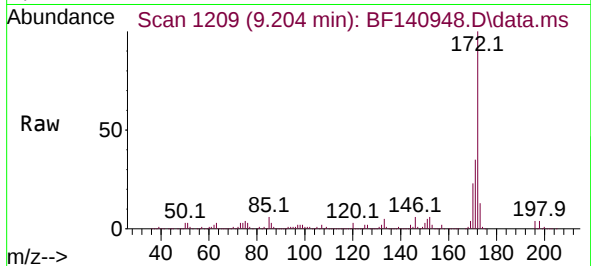
Tgt Ion:196 Resp: 117901
Ion Ratio Lower Upper
196 100
198 95.6 77.2 115.8
97 52.3 42.2 63.4
132 29.1 23.1 34.7





#45
2-Fluorobiphenyl
Concen: 83.953 ng
RT: 9.204 min Scan# 1209
Delta R.T. -0.000 min
Lab File: BF140948.D
Acq: 20 Dec 2024 14:10

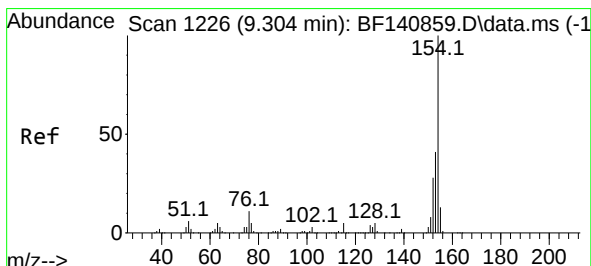
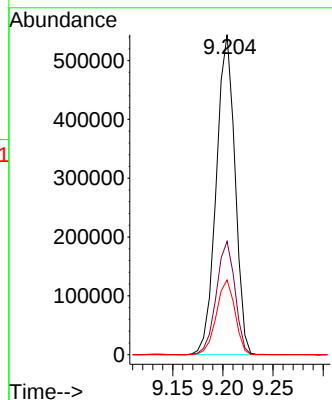
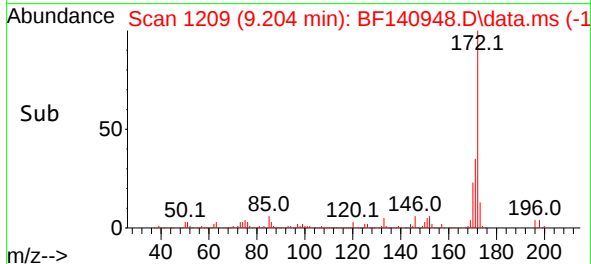
Instrument :
BNA_F
ClientSampleId :
OU4-VSL-11-121224MS



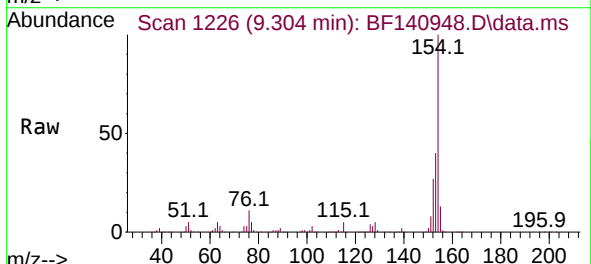
Tgt Ion:172 Resp: 705412
Ion Ratio Lower Upper
172 100
171 35.4 28.4 42.6
170 23.3 18.6 28.0

Manual Integrations
APPROVED

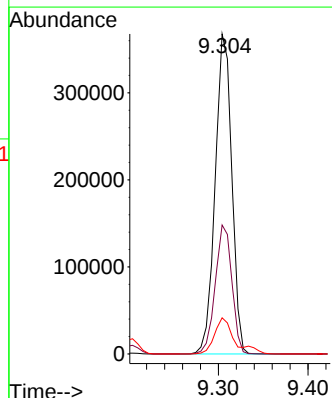
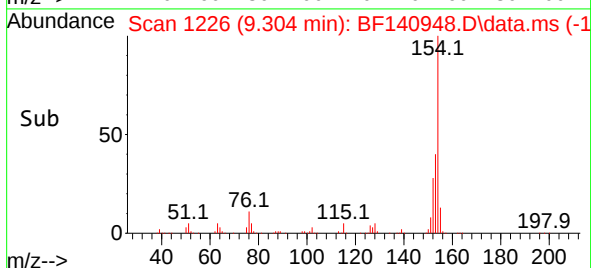
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024

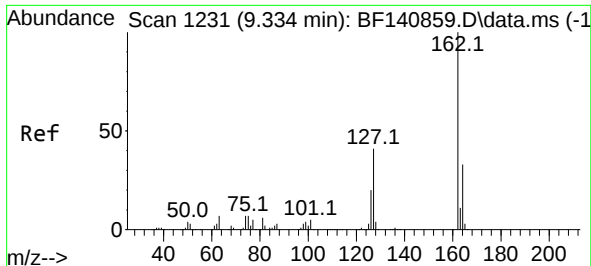


#46
1,1'-Biphenyl
Concen: 51.455 ng
RT: 9.304 min Scan# 1226
Delta R.T. -0.000 min
Lab File: BF140948.D
Acq: 20 Dec 2024 14:10



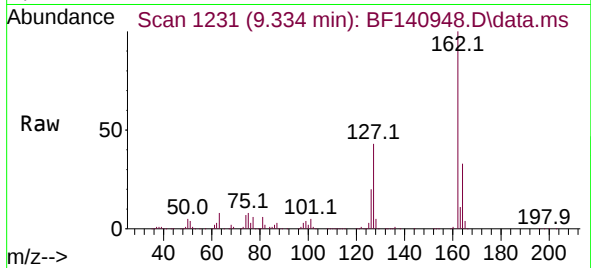
Tgt Ion:154 Resp: 472666
Ion Ratio Lower Upper
154 100
153 40.3 20.8 60.8
76 11.3 0.0 31.0





#47
2-Chloronaphthalene
Concen: 50.113 ng
RT: 9.334 min Scan# 1231
Delta R.T. -0.000 min
Lab File: BF140948.D
Acq: 20 Dec 2024 14:10

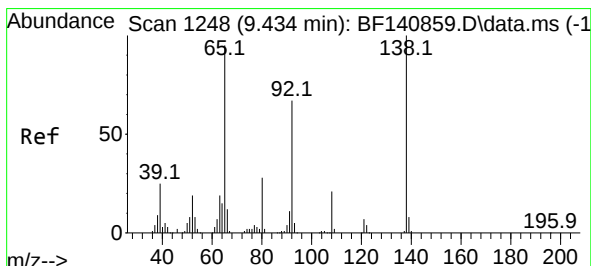
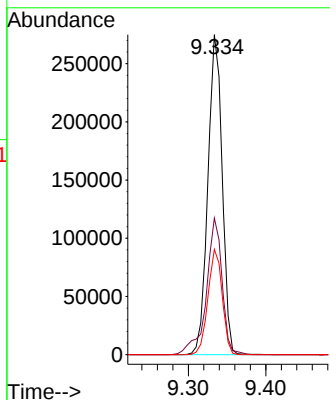
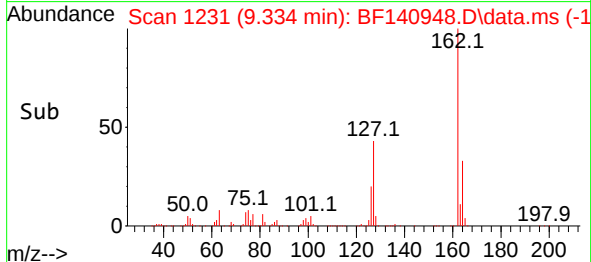
Instrument :
BNA_F
ClientSampleId :
OU4-VSL-11-121224MS



Tgt Ion:162 Resp: 35216
Ion Ratio Lower Upper
162 100
127 42.7 33.5 50.3
164 32.9 26.2 39.2

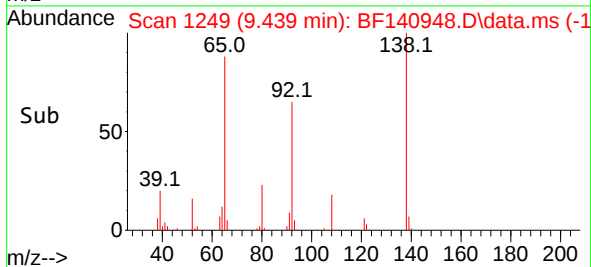
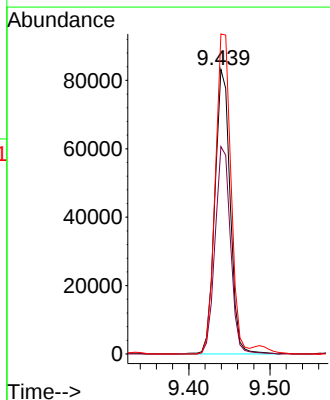
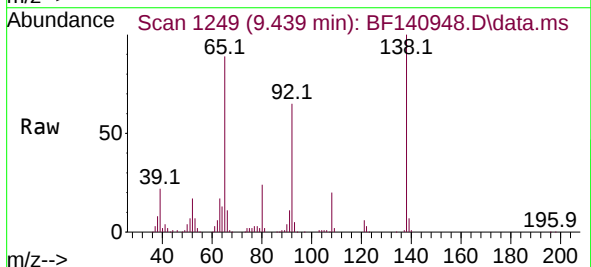
Manual Integrations
APPROVED

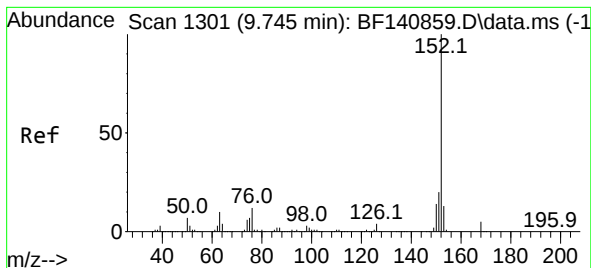
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#48
2-Nitroaniline
Concen: 51.395 ng
RT: 9.439 min Scan# 1249
Delta R.T. 0.006 min
Lab File: BF140948.D
Acq: 20 Dec 2024 14:10

Tgt Ion: 65 Resp: 109079
Ion Ratio Lower Upper
65 100
92 72.9 56.3 84.5
138 112.5 83.8 125.6





#49

Acenaphthylene

Concen: 55.834 ng

RT: 9.751 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF140948.D

Acq: 20 Dec 2024 14:10

Instrument :

BNA_F

ClientSampleId :

OU4-VSL-11-121224MS

Tgt Ion:152 Resp: 576620

Ion Ratio Lower Upper

152 100

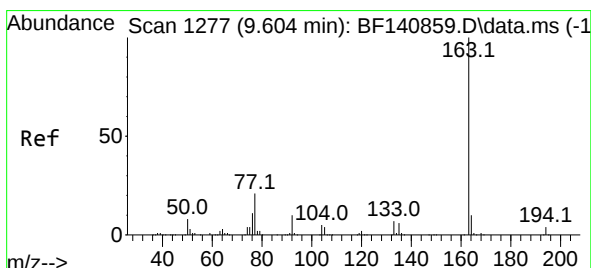
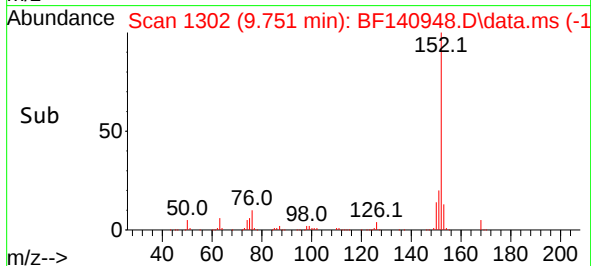
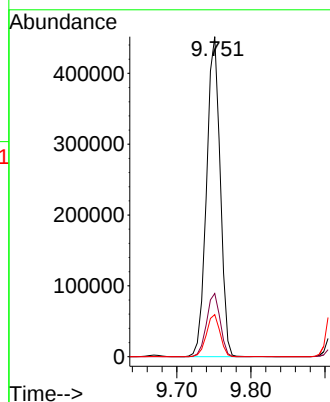
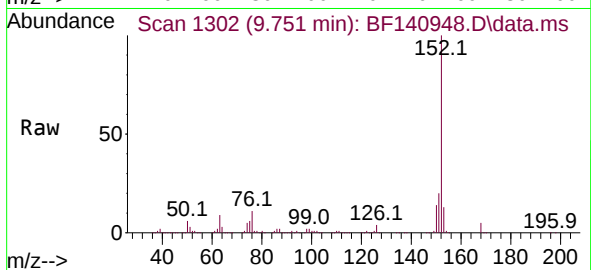
151 19.7 16.0 24.0

153 13.1 10.6 16.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#50

Dimethylphthalate

Concen: 50.222 ng

RT: 9.604 min Scan# 1277

Delta R.T. -0.000 min

Lab File: BF140948.D

Acq: 20 Dec 2024 14:10

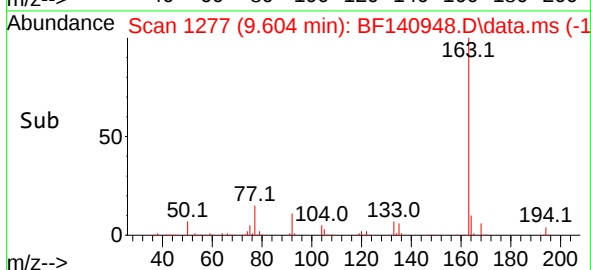
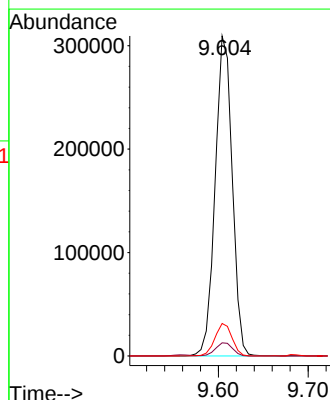
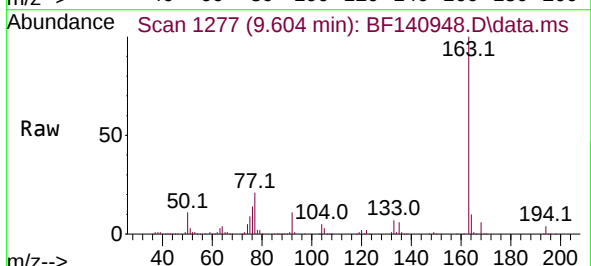
Tgt Ion:163 Resp: 409034

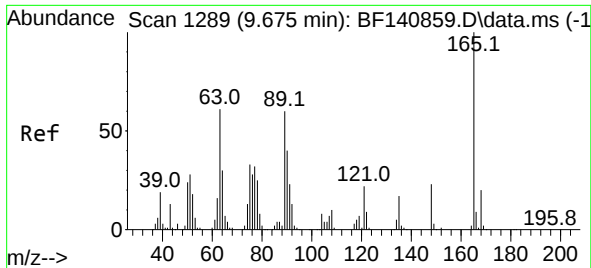
Ion Ratio Lower Upper

163 100

194 4.1 3.1 4.7

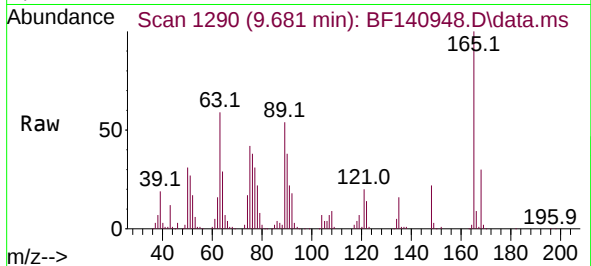
164 10.1 8.1 12.1





#51
2,6-Dinitrotoluene
Concen: 49.668 ng
RT: 9.681 min Scan# 1290
Delta R.T. 0.006 min
Lab File: BF140948.D
Acq: 20 Dec 2024 14:10

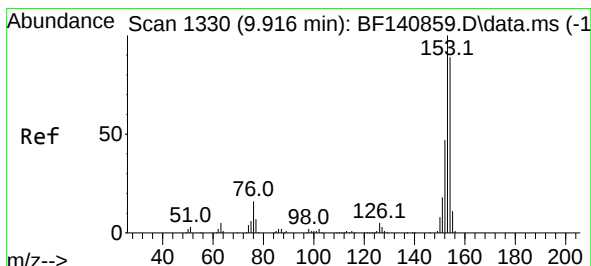
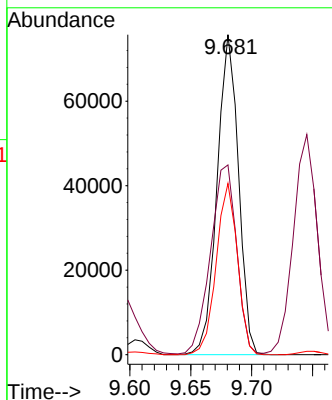
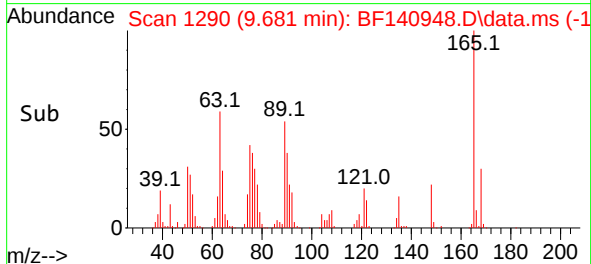
Instrument :
BNA_F
ClientSampleId :
OU4-VSL-11-121224MS



Tgt Ion:165 Resp: 92478
Ion Ratio Lower Upper
165 100
63 59.3 49.7 74.5
89 53.5 48.2 72.4

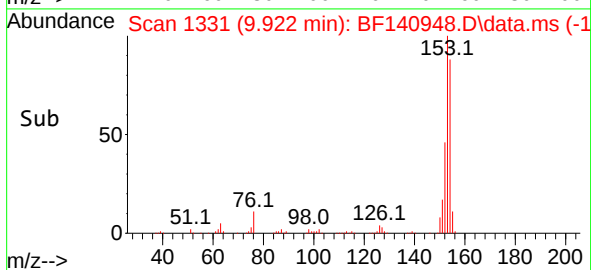
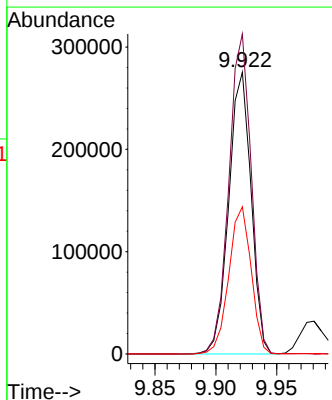
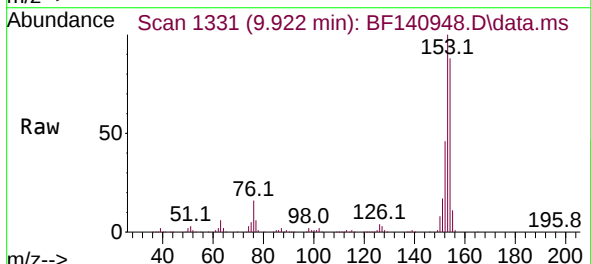
Manual Integrations
APPROVED

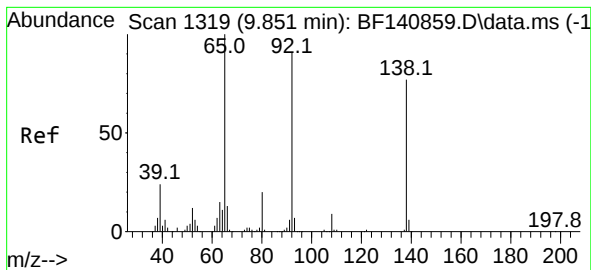
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#52
Acenaphthene
Concen: 53.237 ng
RT: 9.922 min Scan# 1331
Delta R.T. 0.006 min
Lab File: BF140948.D
Acq: 20 Dec 2024 14:10

Tgt Ion:154 Resp: 351200
Ion Ratio Lower Upper
154 100
153 113.6 89.9 134.9
152 52.3 42.6 63.8





#53

3-Nitroaniline

Concen: 30.057 ng

RT: 9.857 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF140948.D

Acq: 20 Dec 2024 14:10

Instrument :

BNA_F

ClientSampleId :

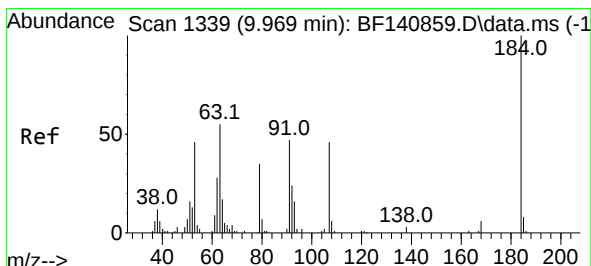
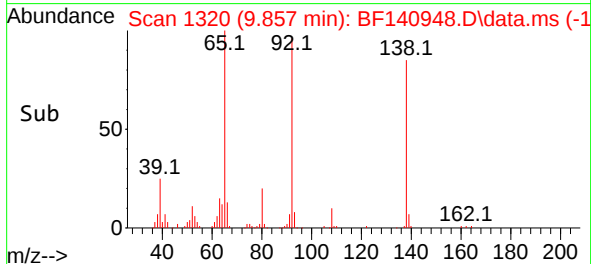
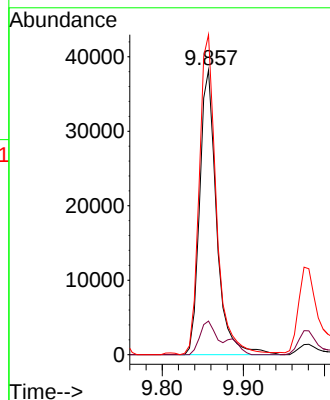
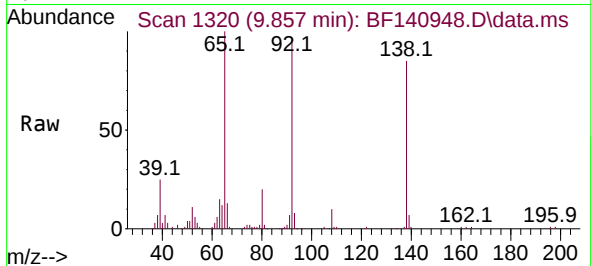
OU4-VSL-11-121224MS

Tgt Ion:138 Resp: 55538
 Ion Ratio Lower Upper
 138 100
 108 11.8 9.0 13.4
 92 112.5 95.5 143.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/23/2024
 Supervised By :mohammad ahmed 12/24/2024



#54

2,4-Dinitrophenol

Concen: 95.155 ng

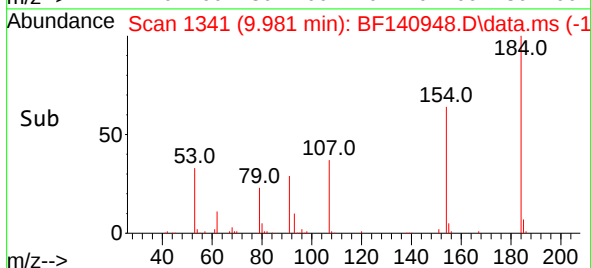
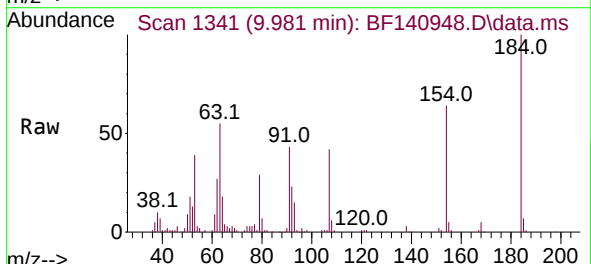
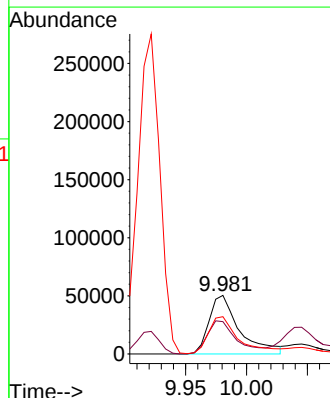
RT: 9.981 min Scan# 1341

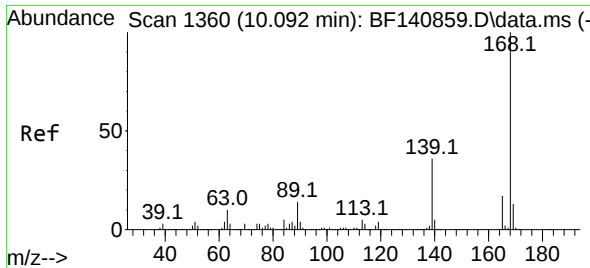
Delta R.T. 0.012 min

Lab File: BF140948.D

Acq: 20 Dec 2024 14:10

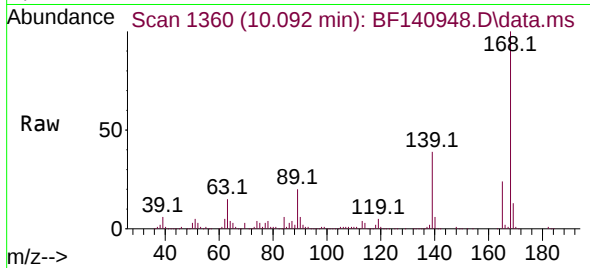
Tgt Ion:184 Resp: 87671
 Ion Ratio Lower Upper
 184 100
 63 55.3 51.6 77.4
 154 63.7 56.1 84.1





#55
Dibenzenofuran
Concen: 52.577 ng
RT: 10.092 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140948.D
Acq: 20 Dec 2024 14:10

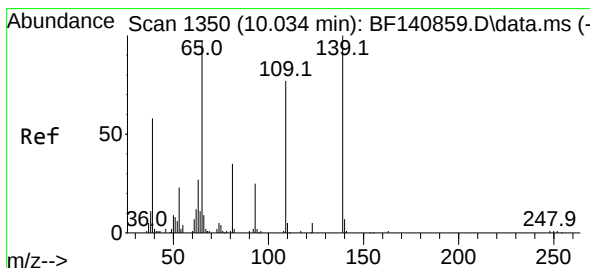
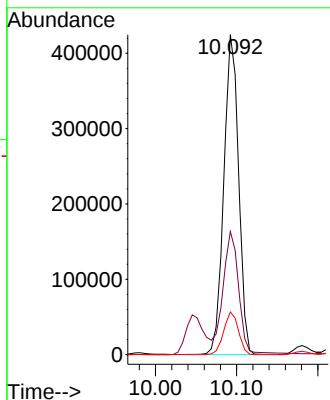
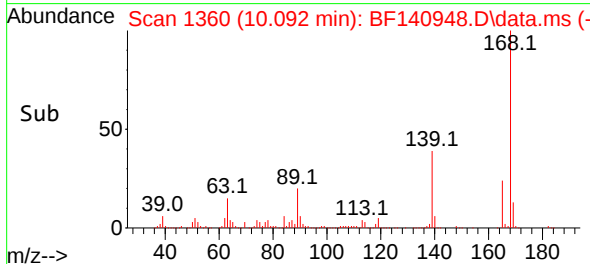
Instrument :
BNA_F
ClientSampleId :
OU4-VSL-11-121224MS



Tgt Ion:168 Resp: 53745
Ion Ratio Lower Upper
168 100
139 38.5 31.1 46.7
169 13.4 10.6 16.0

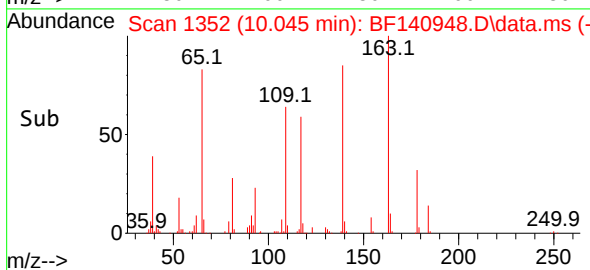
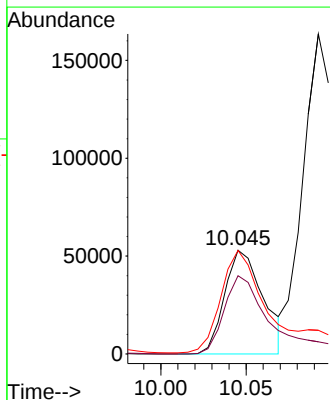
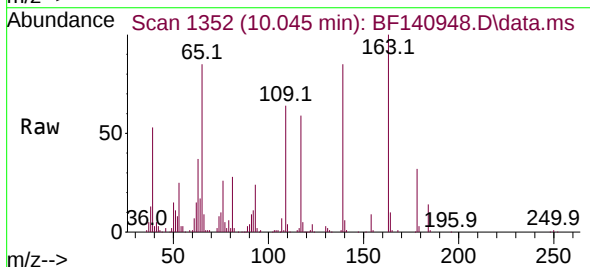
Manual Integrations
APPROVED

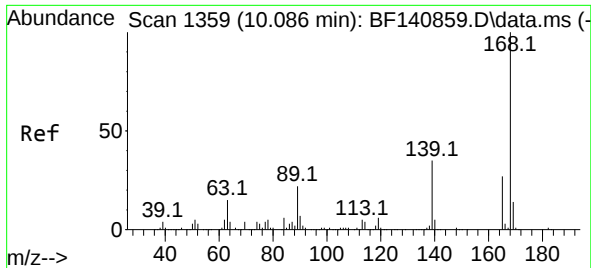
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#56
4-Nitrophenol
Concen: 83.625 ng
RT: 10.045 min Scan# 1352
Delta R.T. 0.011 min
Lab File: BF140948.D
Acq: 20 Dec 2024 14:10

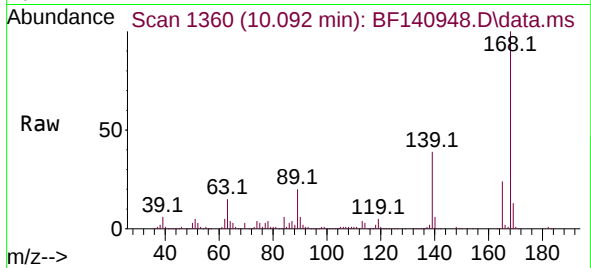
Tgt Ion:139 Resp: 83327
Ion Ratio Lower Upper
139 100
109 75.4 56.7 96.7
65 99.8 78.1 118.1





#57
2,4-Dinitrotoluene
Concen: 52.166 ng
RT: 10.092 min Scan# 1359
Delta R.T. 0.006 min
Lab File: BF140948.D
Acq: 20 Dec 2024 14:10

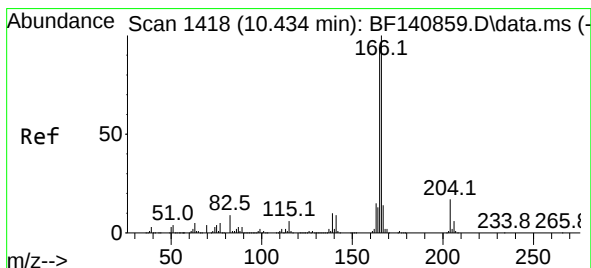
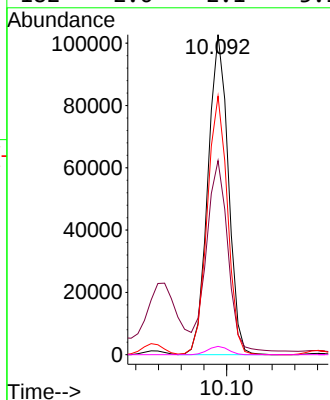
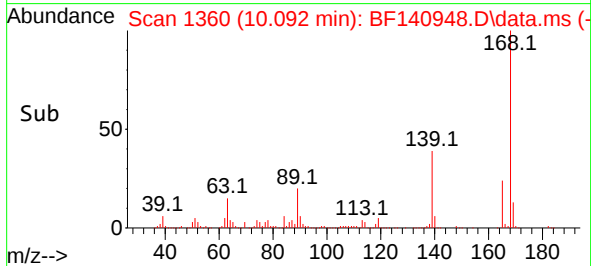
Instrument :
BNA_F
ClientSampleId :
OU4-VSL-11-121224MS



Tgt Ion:165 Resp: 127795
Ion Ratio Lower Upper
165 100
63 60.7 49.3 73.9
89 80.8 66.2 99.4
182 2.6 2.1 3.1

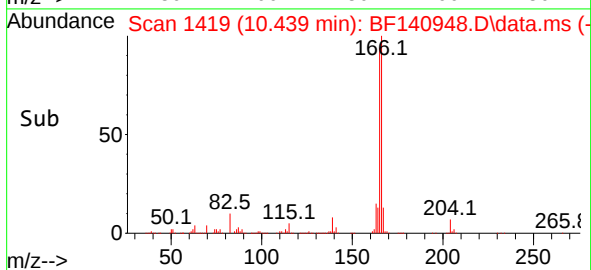
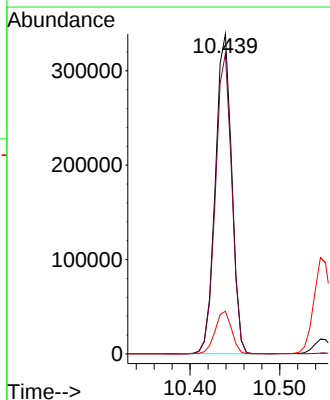
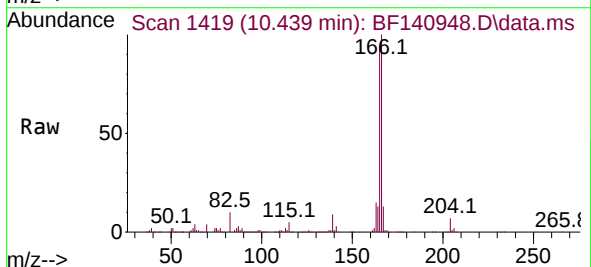
Manual Integrations
APPROVED

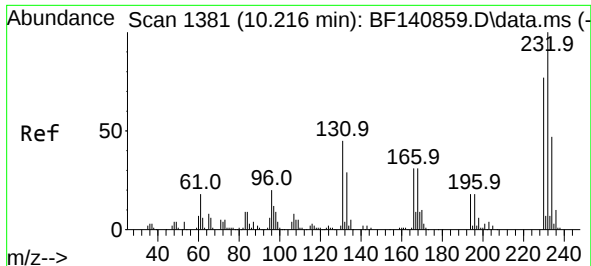
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#58
Fluorene
Concen: 50.841 ng
RT: 10.439 min Scan# 1419
Delta R.T. 0.006 min
Lab File: BF140948.D
Acq: 20 Dec 2024 14:10

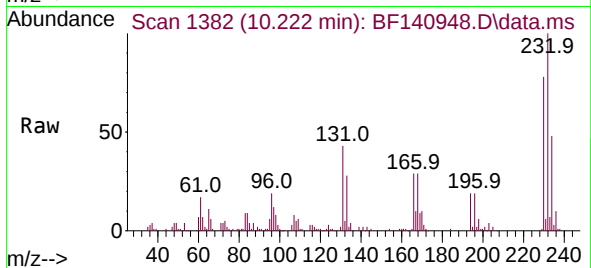
Tgt Ion:166 Resp: 428757
Ion Ratio Lower Upper
166 100
165 93.9 75.1 112.7
167 13.3 11.1 16.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 52.272 ng
RT: 10.222 min Scan# 1382
Delta R.T. 0.006 min
Lab File: BF140948.D
Acq: 20 Dec 2024 14:10

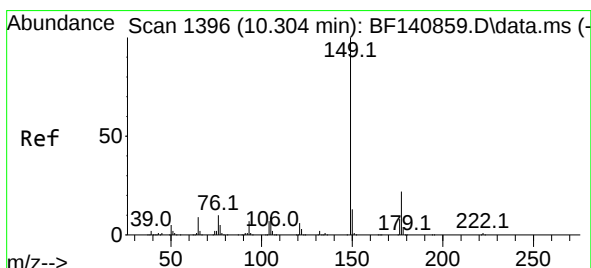
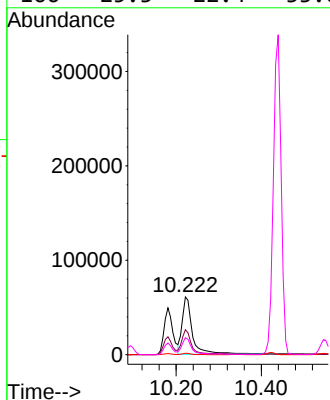
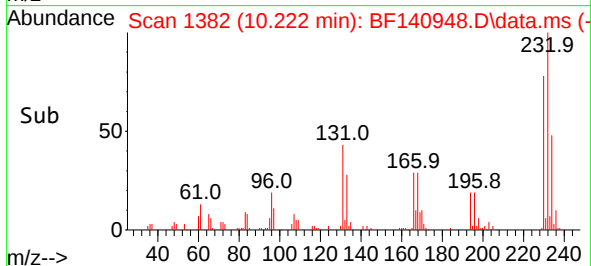
Instrument :
BNA_F
ClientSampleId :
OU4-VSL-11-121224MS



Tgt Ion:232 Resp: 101780
Ion Ratio Lower Upper
232 100
131 37.4 35.1 52.7
130 2.3 1.8 2.8
166 25.3 22.4 33.6

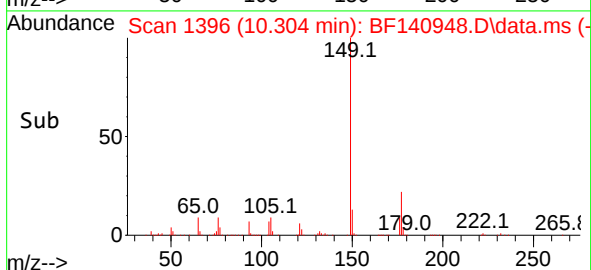
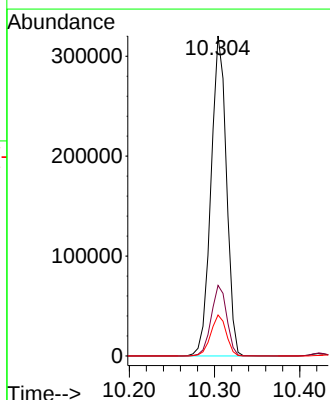
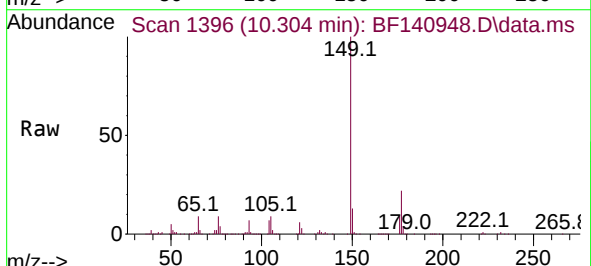
Manual Integrations
APPROVED

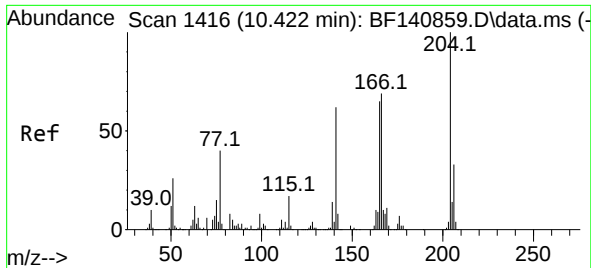
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#60
Diethylphthalate
Concen: 47.990 ng
RT: 10.304 min Scan# 1396
Delta R.T. -0.000 min
Lab File: BF140948.D
Acq: 20 Dec 2024 14:10

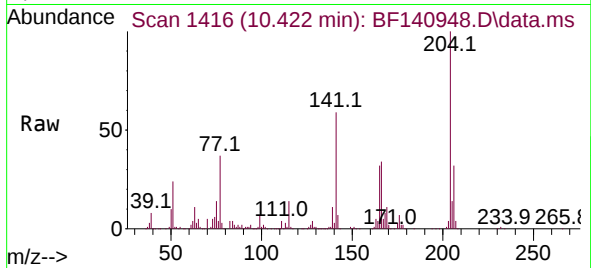
Tgt Ion:149 Resp: 405299
Ion Ratio Lower Upper
149 100
177 22.1 17.2 25.8
150 12.8 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 50.243 ng
RT: 10.422 min Scan# 1416
Delta R.T. -0.000 min
Lab File: BF140948.D
Acq: 20 Dec 2024 14:10

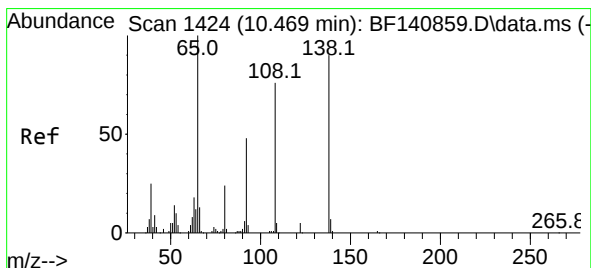
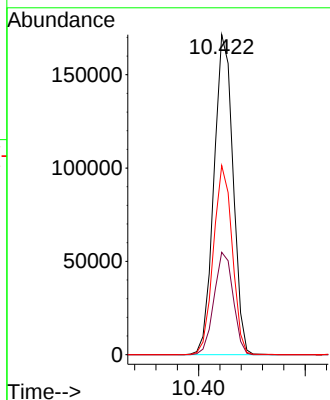
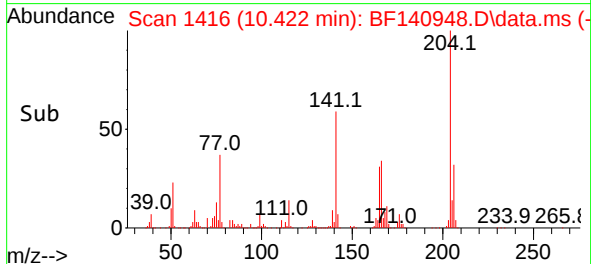
Instrument :
BNA_F
ClientSampleId :
OU4-VSL-11-121224MS



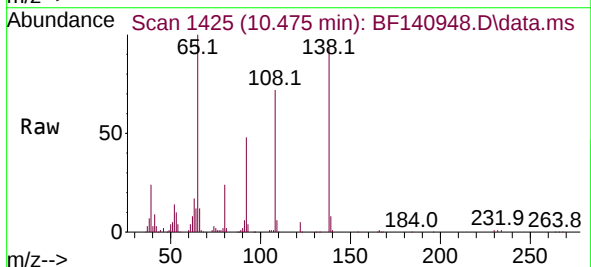
Tgt Ion:204 Resp: 212840
Ion Ratio Lower Upper
204 100
206 32.0 26.5 39.7
141 59.1 50.0 75.0

Manual Integrations
APPROVED

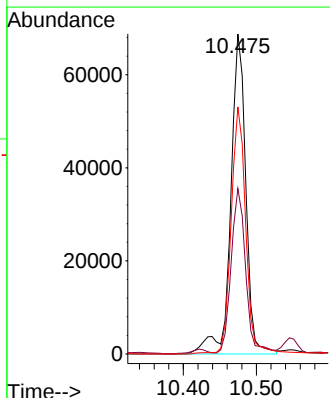
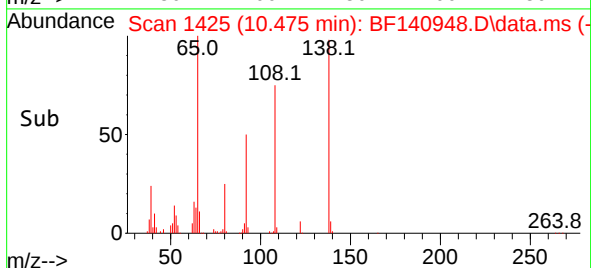
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024

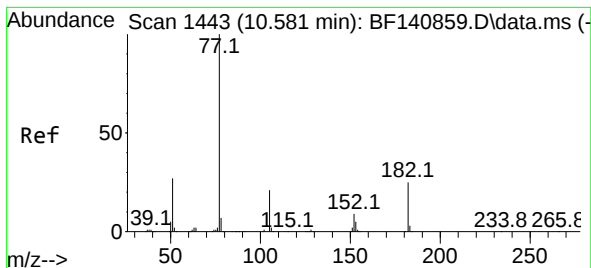


#62
4-Nitroaniline
Concen: 50.949 ng m
RT: 10.475 min Scan# 1425
Delta R.T. 0.006 min
Lab File: BF140948.D
Acq: 20 Dec 2024 14:10



Tgt Ion:138 Resp: 98375
Ion Ratio Lower Upper
138 100
92 51.7 32.6 72.6
108 77.2 64.1 104.1





#63

Azobenzene

Concen: 54.056 ng

RT: 10.586 min Scan# 1443

Delta R.T. 0.006 min

Lab File: BF140948.D

Acq: 20 Dec 2024 14:10

Instrument :

BNA_F

ClientSampleId :

OU4-VSL-11-121224MS

Tgt Ion: 77 Resp: 429190

Ion Ratio Lower Upper

77 100

182 28.2 4.5 44.5

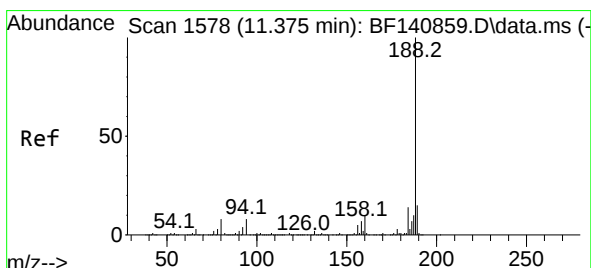
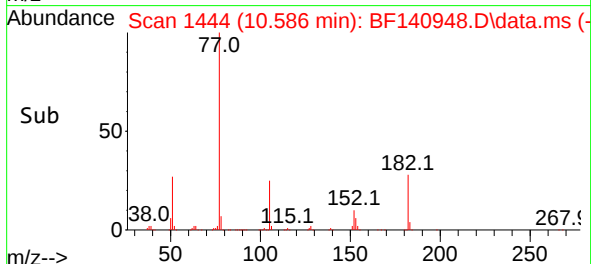
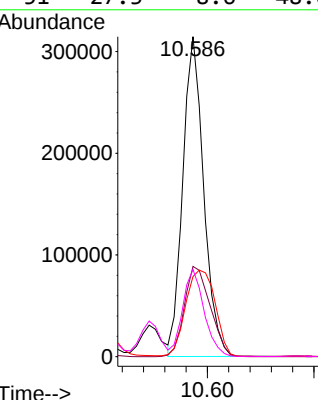
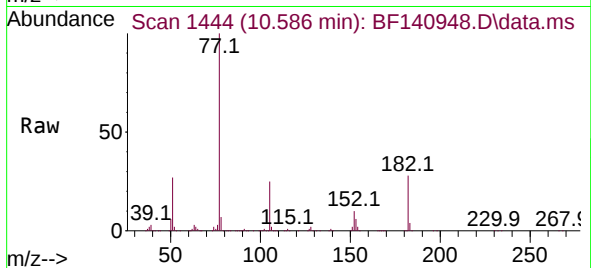
105 25.0 0.9 40.9

51 27.3 8.6 48.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.380 min Scan# 1579

Delta R.T. 0.006 min

Lab File: BF140948.D

Acq: 20 Dec 2024 14:10

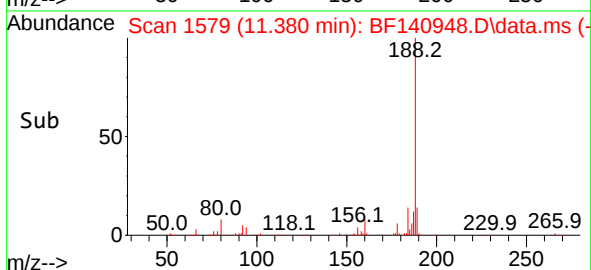
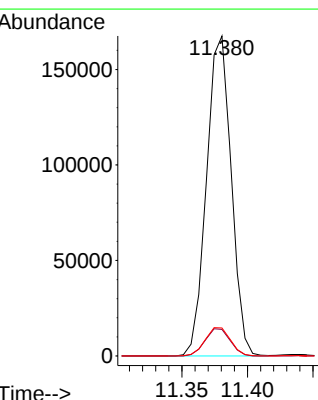
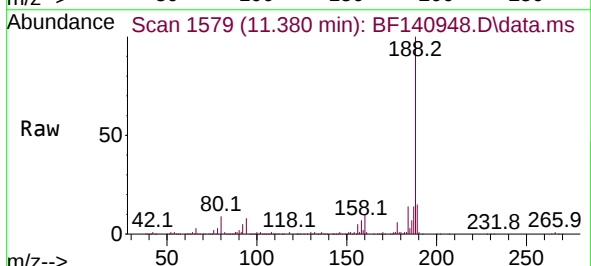
Tgt Ion:188 Resp: 219277

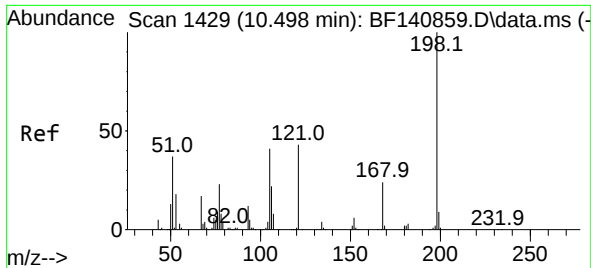
Ion Ratio Lower Upper

188 100

94 8.3 6.4 9.6

80 8.7 6.8 10.2





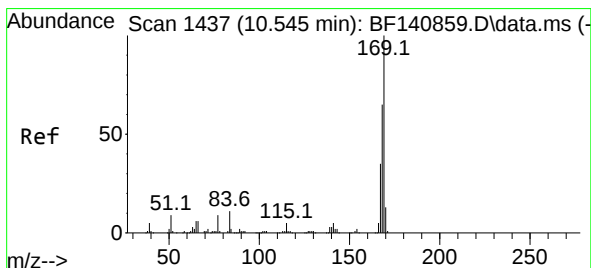
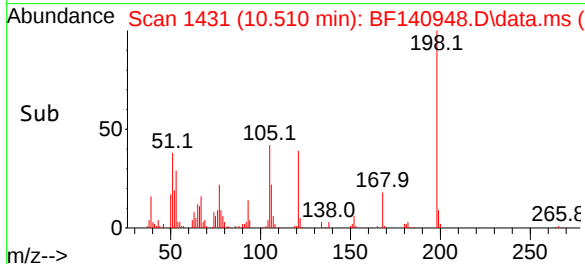
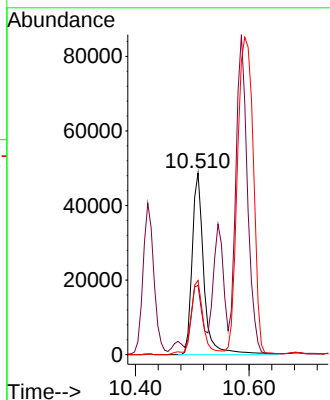
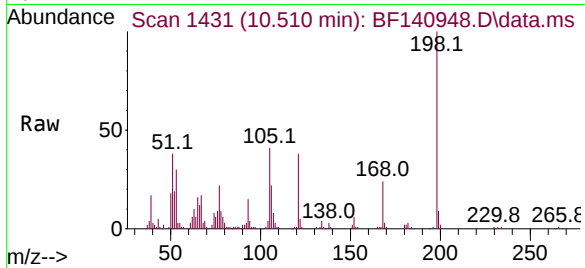
#65
4,6-Dinitro-2-methylphenol
Concen: 56.637 ng
RT: 10.510 min Scan# 1429
Delta R.T. 0.012 min
Lab File: BF140948.D
Acq: 20 Dec 2024 14:10

Instrument :
BNA_F
ClientSampleId :
OU4-VSL-11-121224MS

Tgt Ion:198 Resp: 70374
Ion Ratio Lower Upper
198 100
51 38.1 24.4 64.4
105 40.9 22.1 62.1

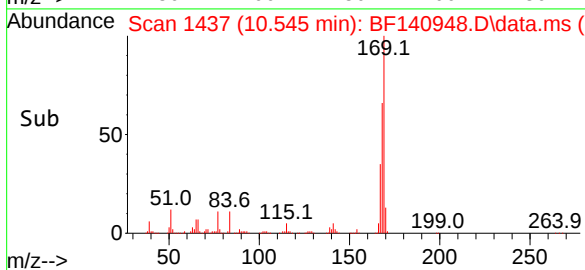
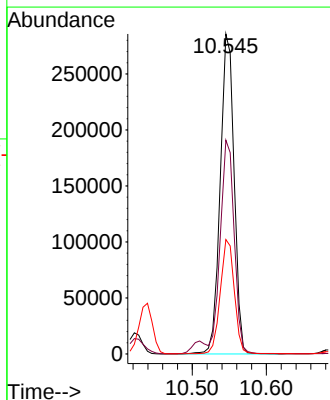
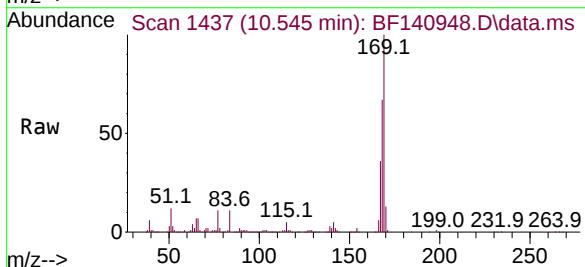
Manual Integrations
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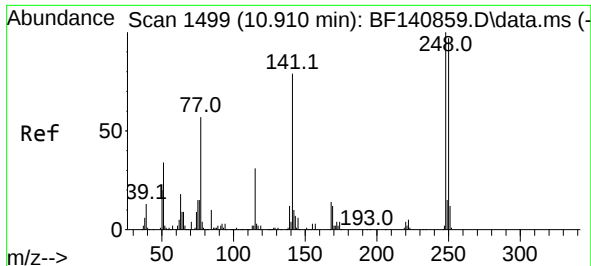
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#66
n-Nitrosodiphenylamine
Concen: 55.234 ng
RT: 10.545 min Scan# 1437
Delta R.T. -0.000 min
Lab File: BF140948.D
Acq: 20 Dec 2024 14:10

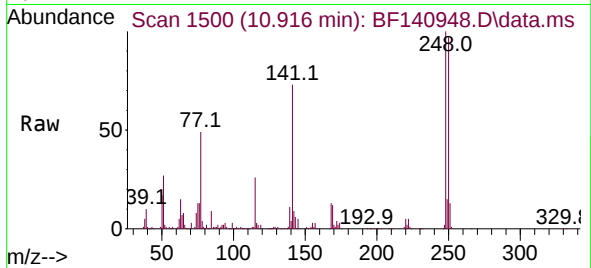
Tgt Ion:169 Resp: 372378
Ion Ratio Lower Upper
169 100
168 66.8 53.4 80.0
167 35.7 28.3 42.5





#67
4-Bromophenyl-phenylether
Concen: 50.908 ng
RT: 10.916 min Scan# 1499
Delta R.T. 0.006 min
Lab File: BF140948.D
Acq: 20 Dec 2024 14:10

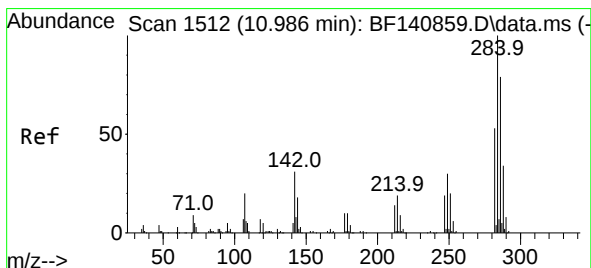
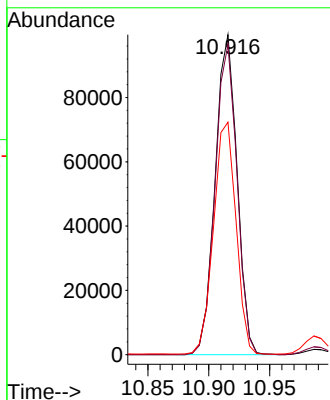
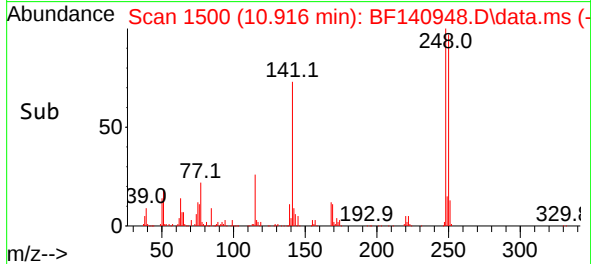
Instrument :
BNA_F
ClientSampleId :
OU4-VSL-11-121224MS



Tgt Ion:248 Resp: 12488
Ion Ratio Lower Upper
248 100
250 97.0 77.4 116.2
141 72.6 62.9 94.3

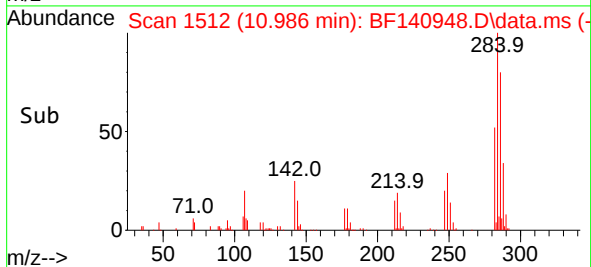
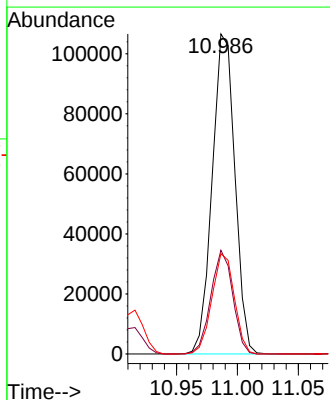
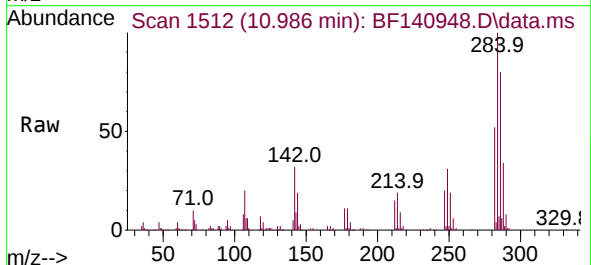
Manual Integrations
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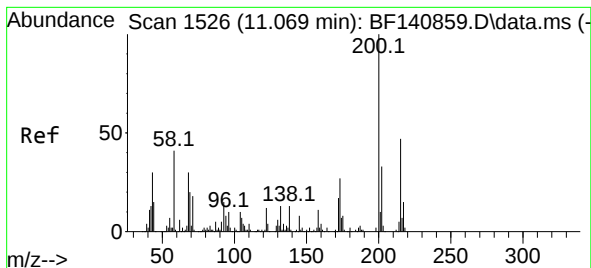
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#68
Hexachlorobenzene
Concen: 49.700 ng
RT: 10.986 min Scan# 1512
Delta R.T. -0.000 min
Lab File: BF140948.D
Acq: 20 Dec 2024 14:10

Tgt Ion:284 Resp: 138231
Ion Ratio Lower Upper
284 100
142 32.4 24.6 36.8
249 31.3 24.3 36.5





#69

Atrazine

Concen: 62.062 ng

RT: 11.075 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF140948.D

Acq: 20 Dec 2024 14:10

Instrument :

BNA_F

ClientSampleId :

OU4-VSL-11-121224MS

Tgt Ion:200 Resp: 11685

Ion Ratio Lower Upper

200 100

173 25.9 6.6 46.6

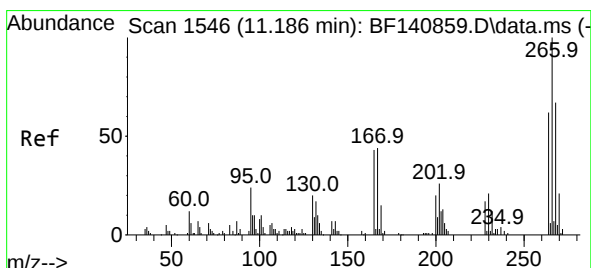
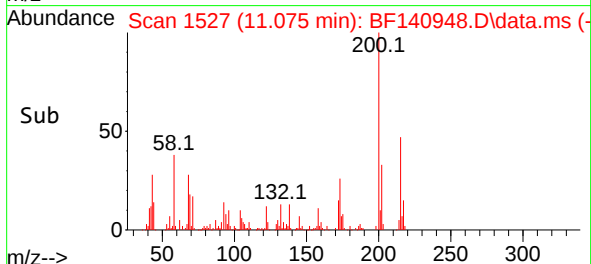
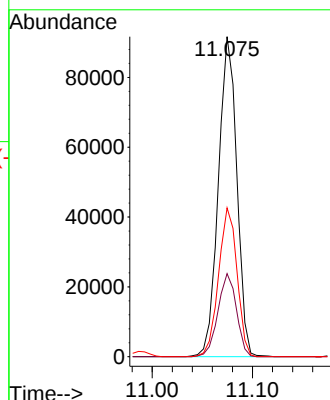
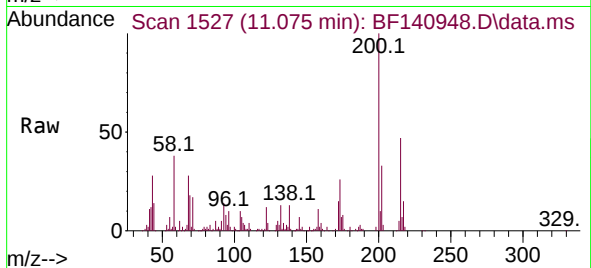
215 46.5 26.7 66.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/23/2024

Supervised By :mohammad ahmed 12/24/2024



#70

Pentachlorophenol

Concen: 77.662 ng

RT: 11.198 min Scan# 1548

Delta R.T. 0.012 min

Lab File: BF140948.D

Acq: 20 Dec 2024 14:10

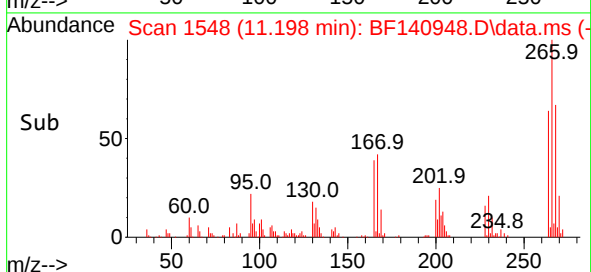
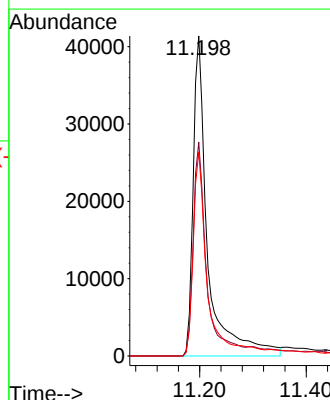
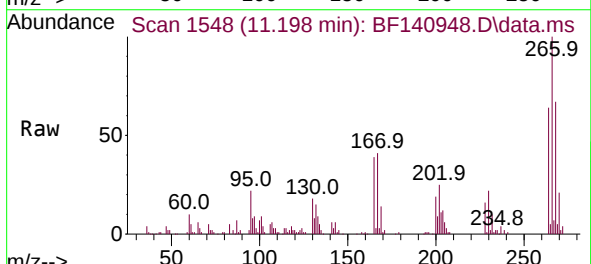
Tgt Ion:266 Resp: 78972

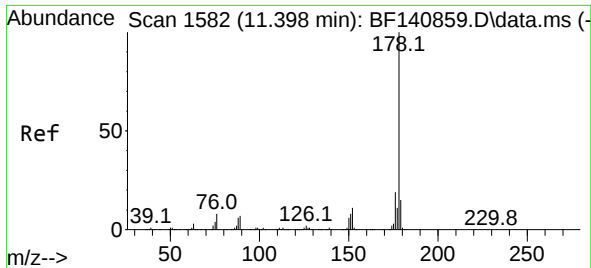
Ion Ratio Lower Upper

266 100

268 66.8 54.0 81.0

264 63.8 49.4 74.2





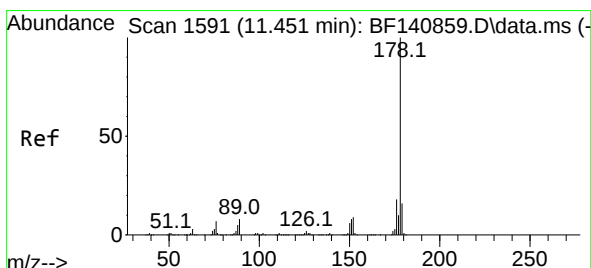
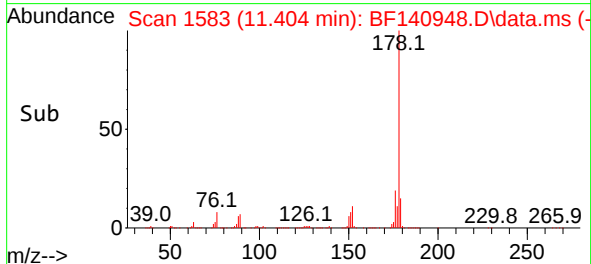
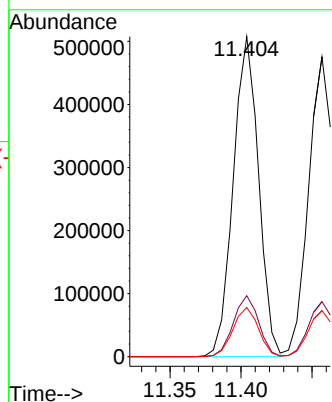
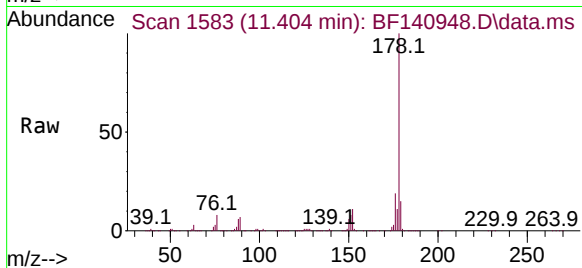
#71
Phenanthrene
Concen: 55.721 ng
RT: 11.404 min Scan# 1582
Delta R.T. 0.006 min
Lab File: BF140948.D
Acq: 20 Dec 2024 14:10

Instrument :
BNA_F
ClientSampleId :
OU4-VSL-11-121224MS

Tgt Ion:178 Resp: 628319
Ion Ratio Lower Upper
178 100
176 19.0 15.4 23.2
179 15.4 12.1 18.1

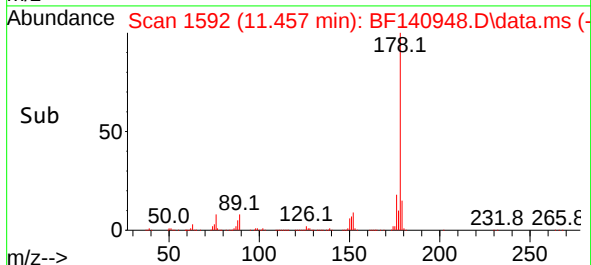
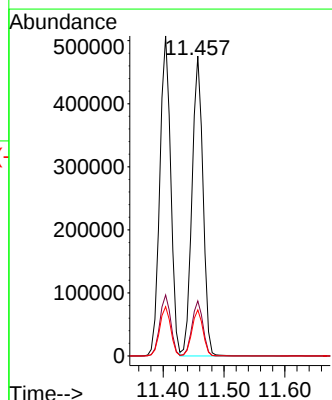
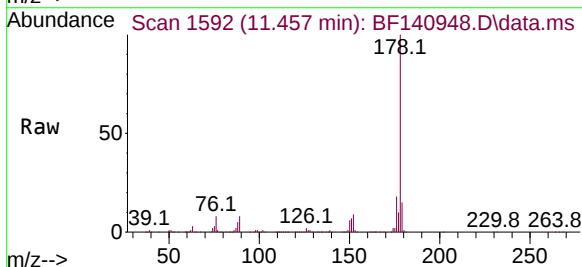
Manual Integrations
APPROVED

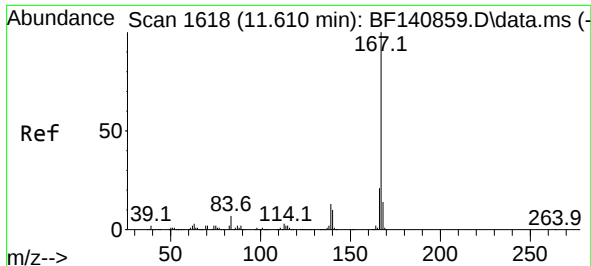
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#72
Anthracene
Concen: 53.762 ng
RT: 11.457 min Scan# 1592
Delta R.T. 0.006 min
Lab File: BF140948.D
Acq: 20 Dec 2024 14:10

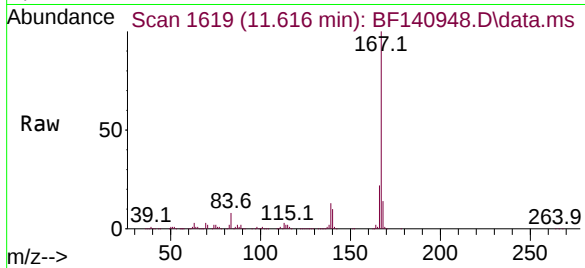
Tgt Ion:178 Resp: 597017
Ion Ratio Lower Upper
178 100
176 18.3 14.6 22.0
179 15.4 12.6 18.8





#73
Carbazole
Concen: 52.355 ng
RT: 11.616 min Scan# 1618
Delta R.T. 0.006 min
Lab File: BF140948.D
Acq: 20 Dec 2024 14:10

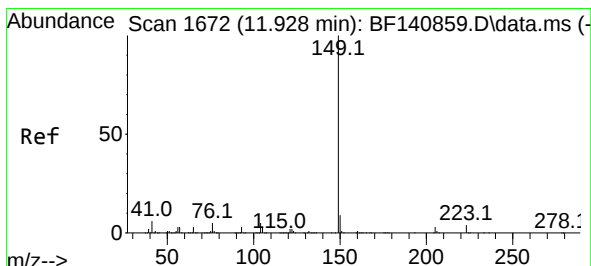
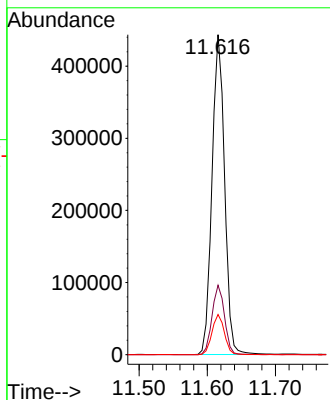
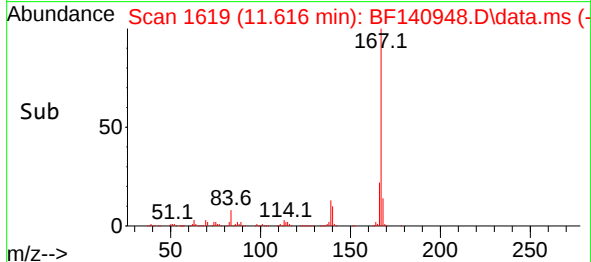
Instrument :
BNA_F
ClientSampleId :
OU4-VSL-11-121224MS



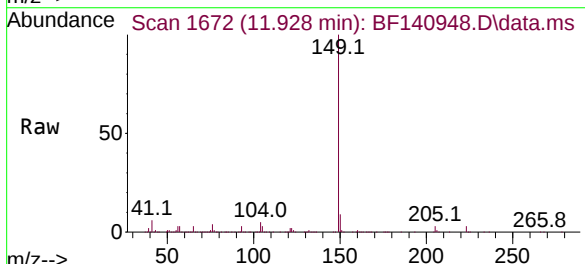
Tgt Ion:167 Resp: 569460
Ion Ratio Lower Upper
167 100
166 21.7 17.0 25.6
139 12.5 10.2 15.2

Manual Integrations
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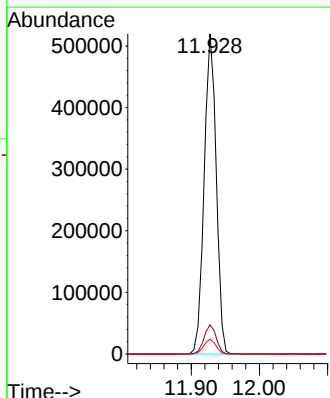
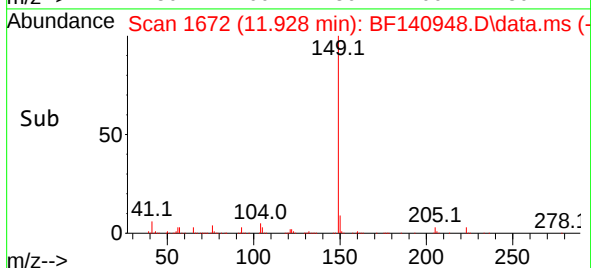
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024

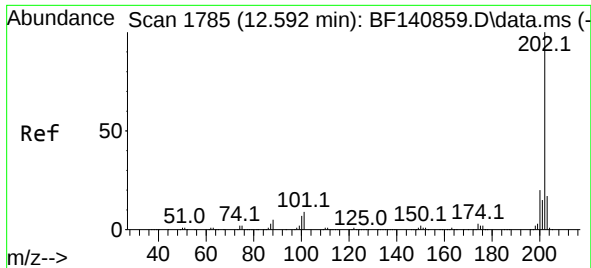


#74
Di-n-butylphthalate
Concen: 49.999 ng
RT: 11.928 min Scan# 1672
Delta R.T. -0.000 min
Lab File: BF140948.D
Acq: 20 Dec 2024 14:10



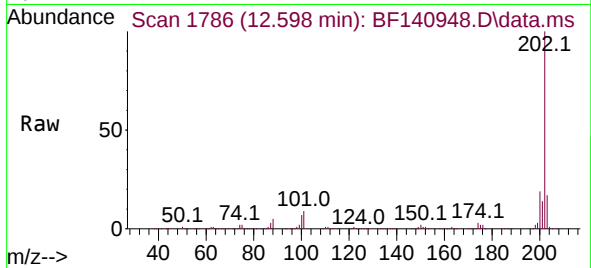
Tgt Ion:149 Resp: 638255
Ion Ratio Lower Upper
149 100
150 9.2 7.5 11.3
104 4.6 3.8 5.8





#75
Fluoranthene
Concen: 49.060 ng
RT: 12.598 min Scan# 1786
Delta R.T. 0.006 min
Lab File: BF140948.D
Acq: 20 Dec 2024 14:10

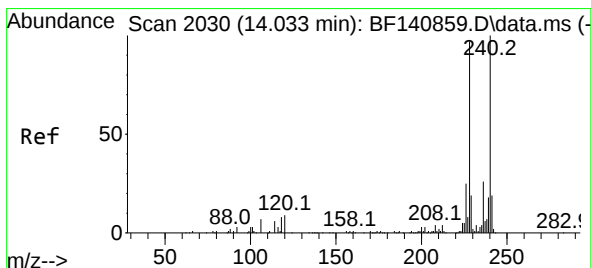
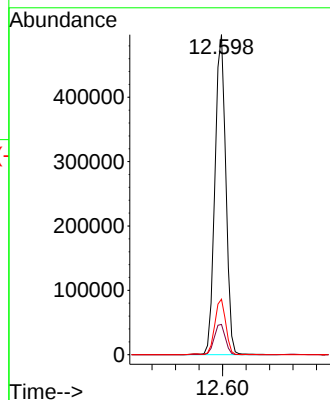
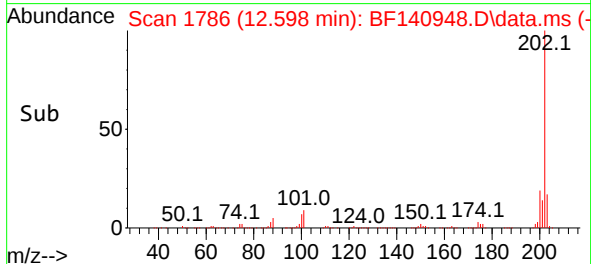
Instrument :
BNA_F
ClientSampleId :
OU4-VSL-11-121224MS



Tgt Ion:202 Resp: 63710
Ion Ratio Lower Upper
202 100
101 9.5 0.0 29.3
203 17.4 0.0 37.4

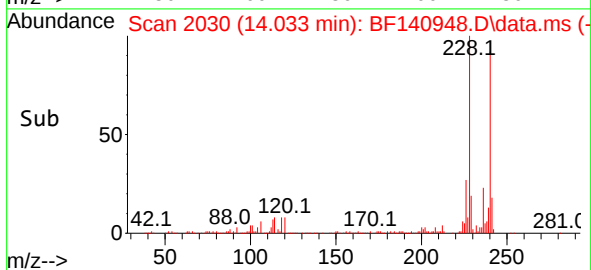
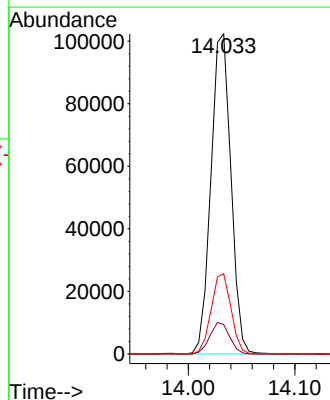
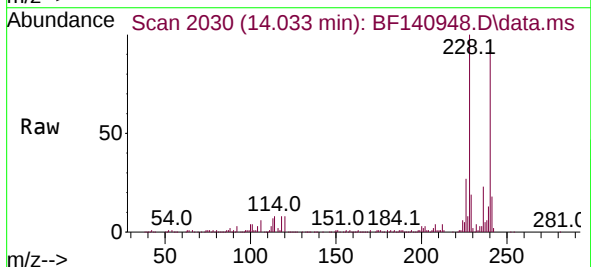
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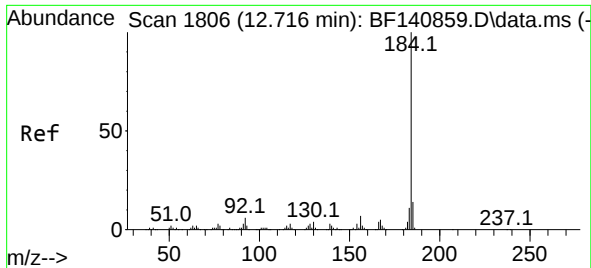
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2030
Delta R.T. -0.000 min
Lab File: BF140948.D
Acq: 20 Dec 2024 14:10

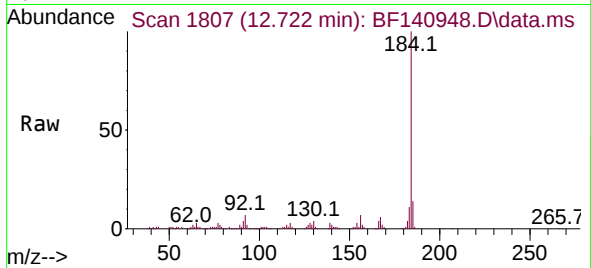
Tgt Ion:240 Resp: 133308
Ion Ratio Lower Upper
240 100
120 9.1 7.6 11.4
236 25.1 20.5 30.7





#77
Benzidine
Concen: 46.021 ng
RT: 12.722 min Scan# 1807
Delta R.T. 0.006 min
Lab File: BF140948.D
Acq: 20 Dec 2024 14:10

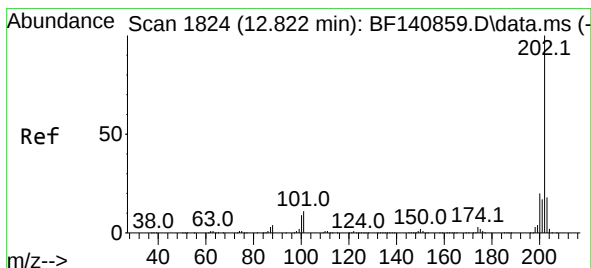
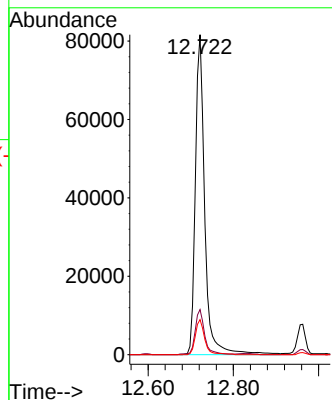
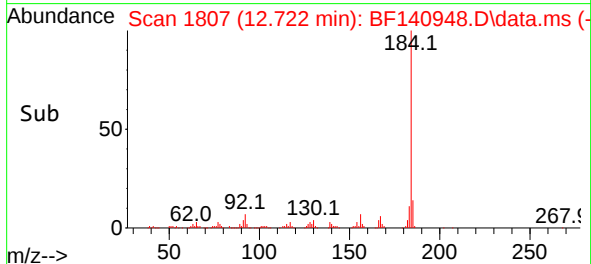
Instrument :
BNA_F
ClientSampleId :
OU4-VSL-11-121224MS



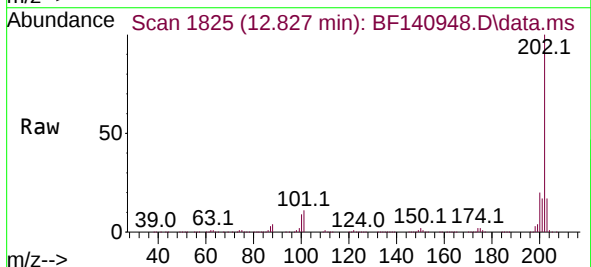
Tgt Ion:184 Resp: 12521
Ion Ratio Lower Upper
184 100
185 14.1 11.1 16.7
183 10.9 9.0 13.4

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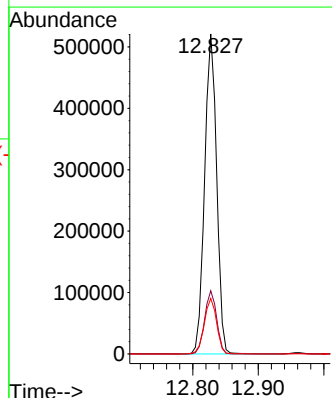
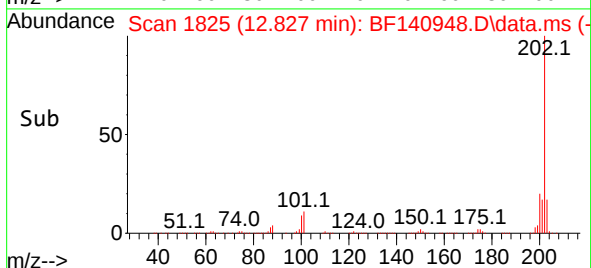
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024

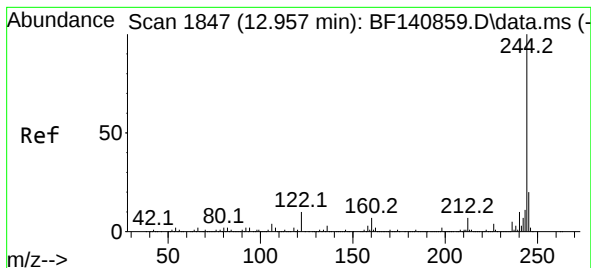


#78
Pyrene
Concen: 56.171 ng
RT: 12.827 min Scan# 1825
Delta R.T. 0.006 min
Lab File: BF140948.D
Acq: 20 Dec 2024 14:10



Tgt Ion:202 Resp: 665883
Ion Ratio Lower Upper
202 100
200 19.7 16.1 24.1
203 17.4 14.2 21.4





#79

Terphenyl-d14

Concen: 91.048 ng

RT: 12.963 min Scan# 1848

Delta R.T. 0.006 min

Lab File: BF140948.D

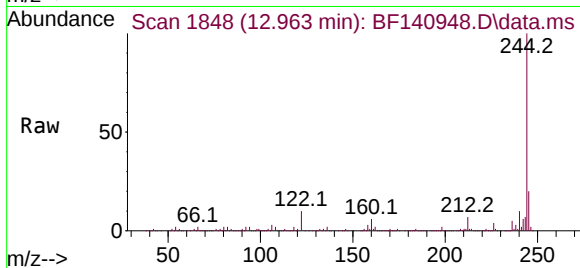
Acq: 20 Dec 2024 14:10

Instrument :

BNA_F

ClientSampleId :

OU4-VSL-11-121224MS



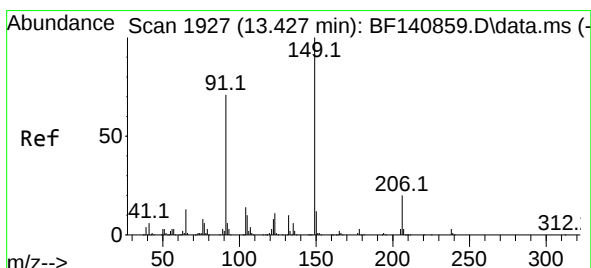
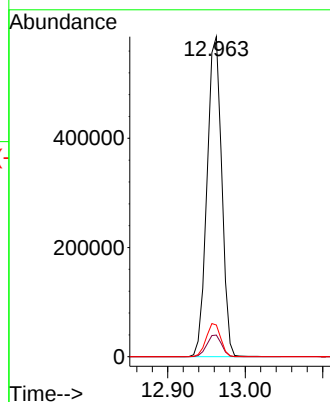
Tgt Ion:244 Resp: 76972

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.6	8.4
122	9.9	8.2	12.2

Manual Integrations

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Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#80

Butylbenzylphthalate

Concen: 53.133 ng

RT: 13.433 min Scan# 1928

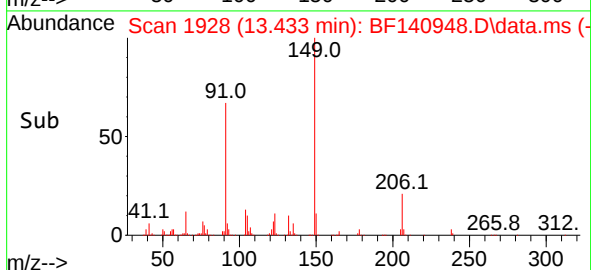
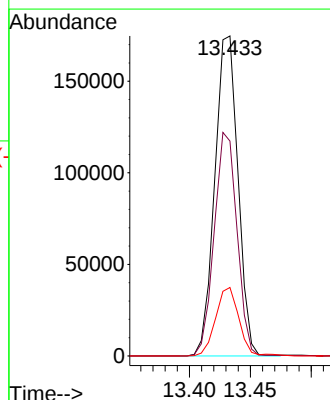
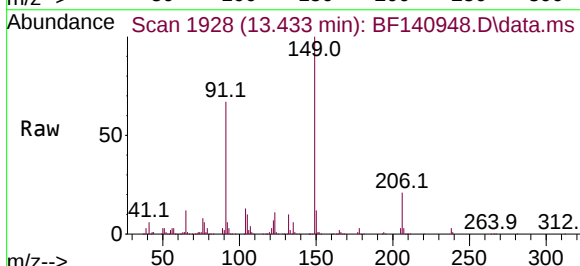
Delta R.T. 0.006 min

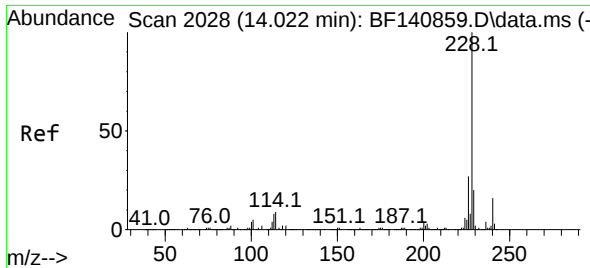
Lab File: BF140948.D

Acq: 20 Dec 2024 14:10

Tgt Ion:149 Resp: 231762

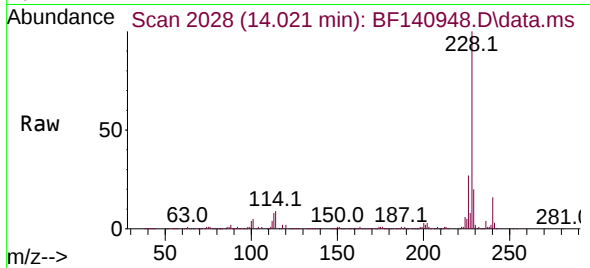
Ion	Ratio	Lower	Upper
149	100		
91	67.1	56.7	85.1
206	21.4	16.4	24.6





#81
Benzo(a)anthracene
Concen: 52.168 ng
RT: 14.021 min Scan# 2028
Delta R.T. -0.000 min
Lab File: BF140948.D
Acq: 20 Dec 2024 14:10

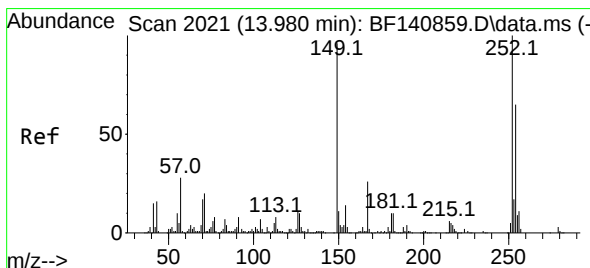
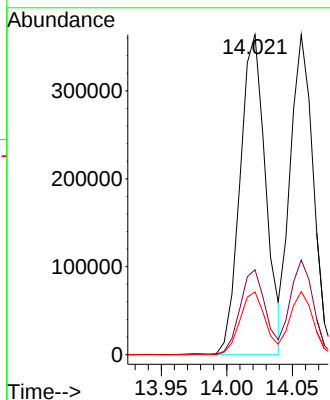
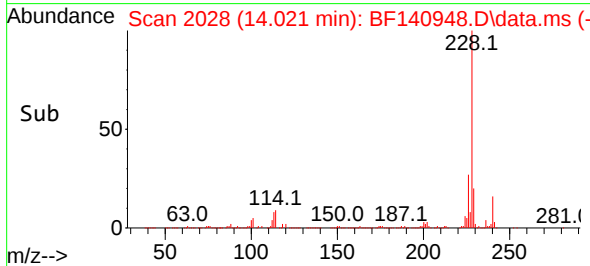
Instrument : BNA_F
ClientSampleId : OU4-VSL-11-121224MS



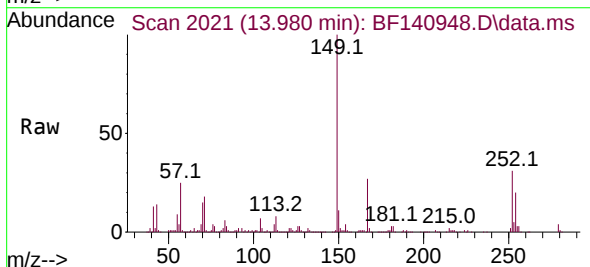
Tgt Ion:228 Resp: 492880
Ion Ratio Lower Upper
228 100
226 26.5 21.8 32.8
229 19.6 15.8 23.8

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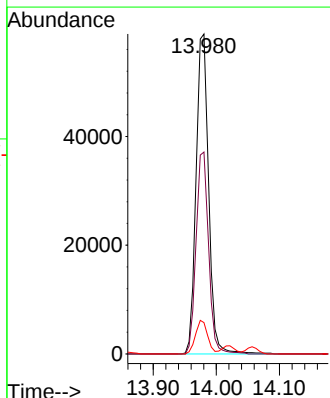
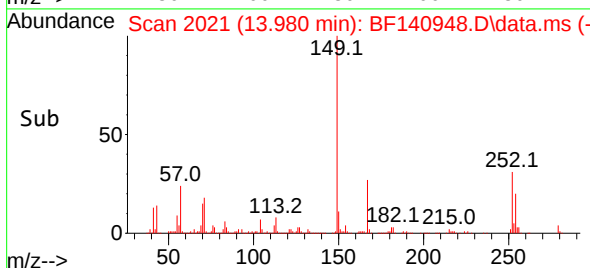
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024

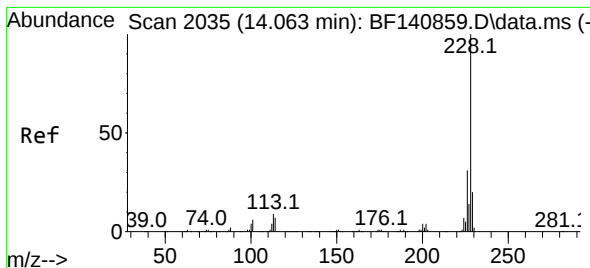


#82
3,3'-Dichlorobenzidine
Concen: 28.561 ng
RT: 13.980 min Scan# 2021
Delta R.T. -0.000 min
Lab File: BF140948.D
Acq: 20 Dec 2024 14:10



Tgt Ion:252 Resp: 81414
Ion Ratio Lower Upper
252 100
254 63.1 52.3 78.5
126 9.8 8.4 12.6





#83

Chrysene

Concen: 51.436 ng

RT: 14.057 min Scan# 2035

Delta R.T. -0.006 min

Lab File: BF140948.D

Acq: 20 Dec 2024 14:10

Instrument :

BNA_F

ClientSampleId :

OU4-VSL-11-121224MS

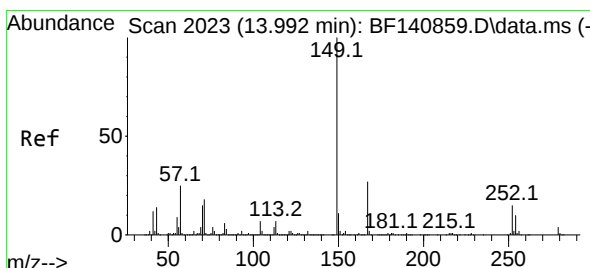
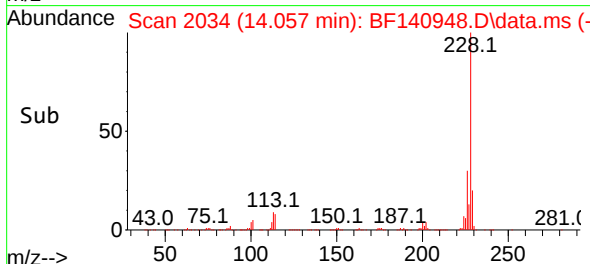
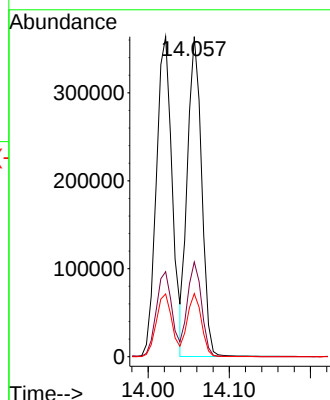
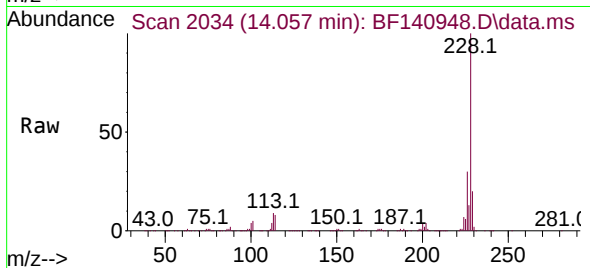
Tgt Ion:228 Resp: 44190

Ion	Ratio	Lower	Upper
228	100		
226	29.6	24.1	36.1
229	19.7	16.0	24.0

Manual Integrations

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Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.624 ng

RT: 13.986 min Scan# 2022

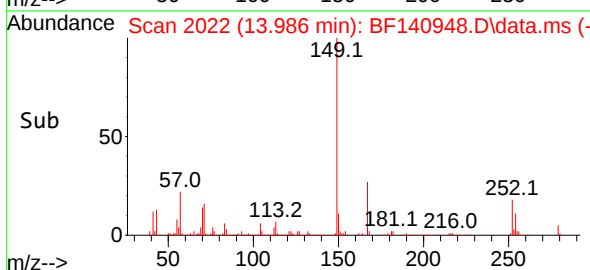
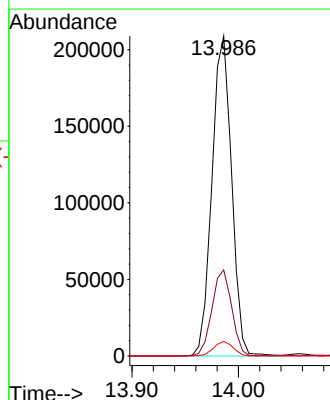
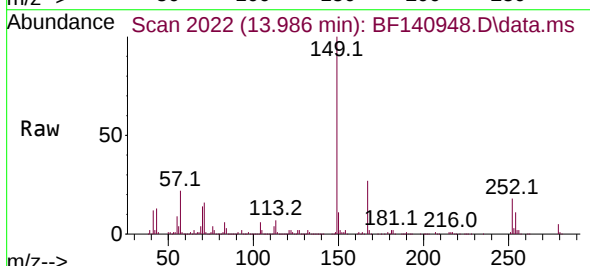
Delta R.T. -0.006 min

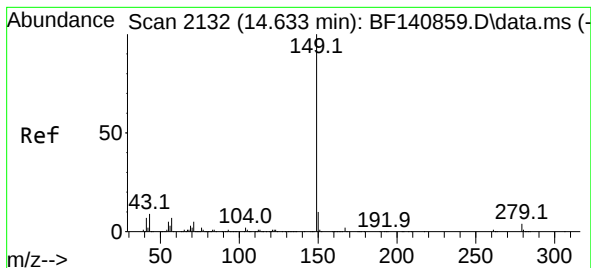
Lab File: BF140948.D

Acq: 20 Dec 2024 14:10

Tgt Ion:149 Resp: 267856

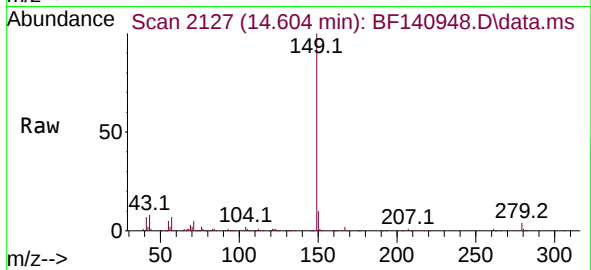
Ion	Ratio	Lower	Upper
149	100		
167	26.9	21.8	32.8
279	4.5	3.5	5.3





#85
Di-n-octyl phthalate
Concen: 42.906 ng
RT: 14.604 min Scan# 2132
Delta R.T. -0.029 min
Lab File: BF140948.D
Acq: 20 Dec 2024 14:10

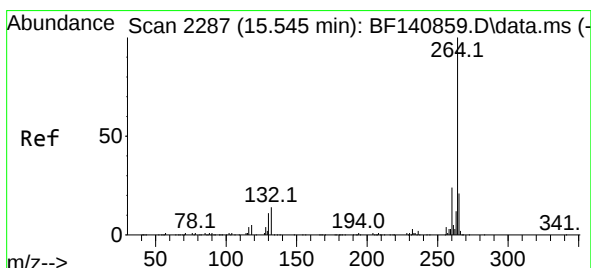
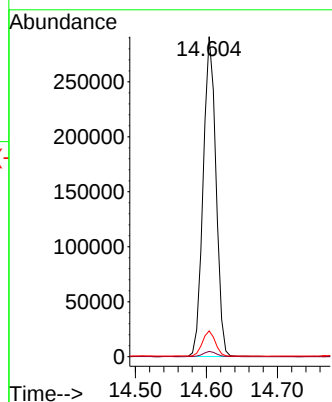
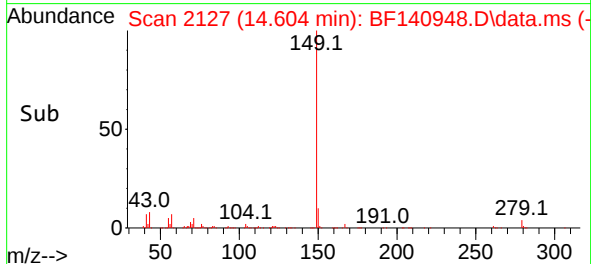
Instrument :
BNA_F
ClientSampleId :
OU4-VSL-11-121224MS



Tgt Ion:149 Resp: 365090
Ion Ratio Lower Upper
149 100
167 1.8 1.3 1.9
43 8.0 7.0 10.6

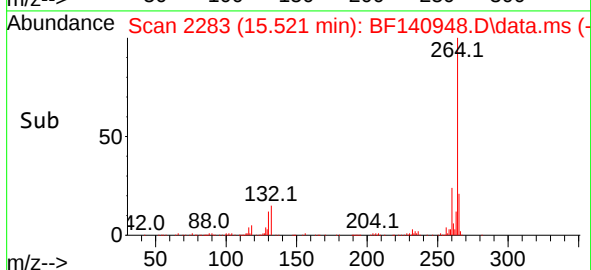
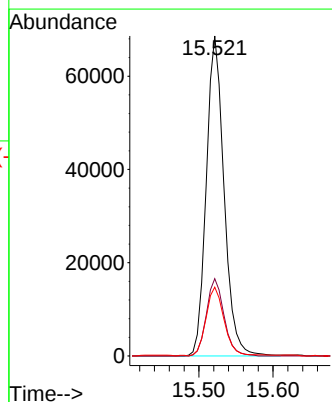
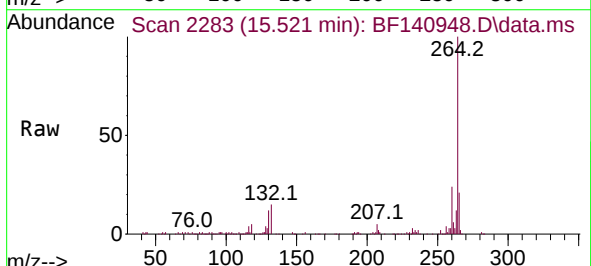
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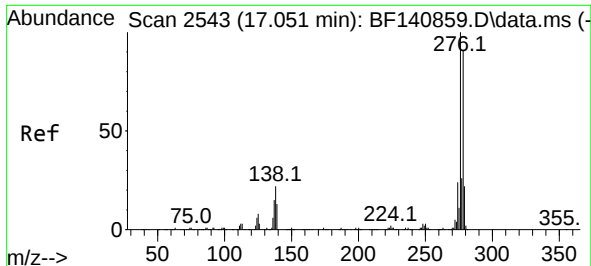
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.521 min Scan# 2283
Delta R.T. -0.024 min
Lab File: BF140948.D
Acq: 20 Dec 2024 14:10

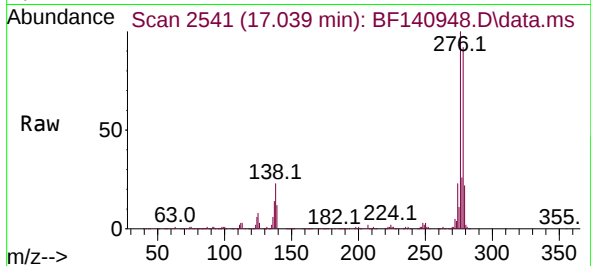
Tgt Ion:264 Resp: 114231
Ion Ratio Lower Upper
264 100
260 24.2 19.1 28.7
265 21.5 17.0 25.4





#87
Indeno(1,2,3-cd)pyrene
Concen: 66.539 ng
RT: 17.039 min Scan# 2109
Delta R.T. -0.012 min
Lab File: BF140948.D
Acq: 20 Dec 2024 14:10

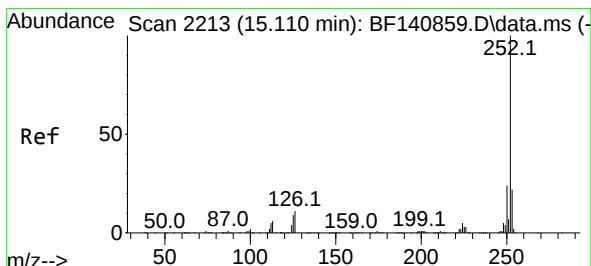
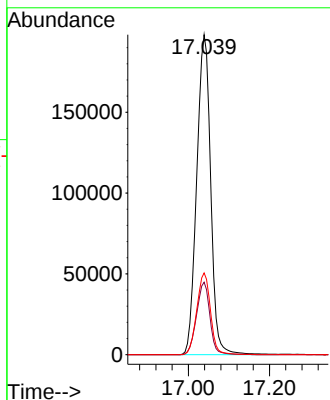
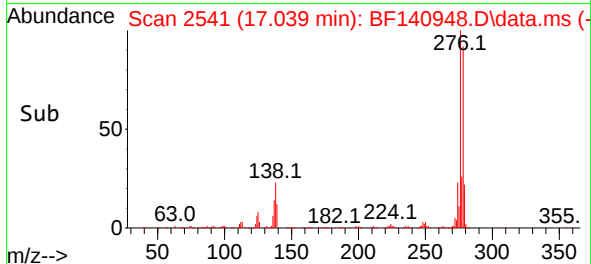
Instrument :
BNA_F
ClientSampleId :
OU4-VSL-11-121224MS



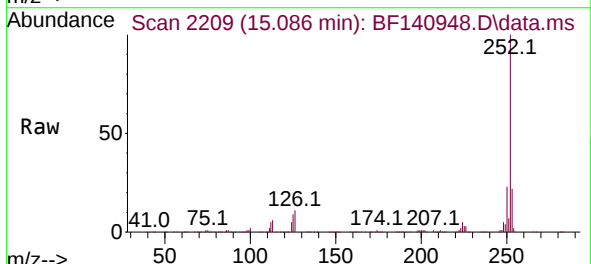
Tgt Ion:276 Resp: 47431
Ion Ratio Lower Upper
276 100
138 21.7 16.9 25.3
277 25.0 20.2 30.4

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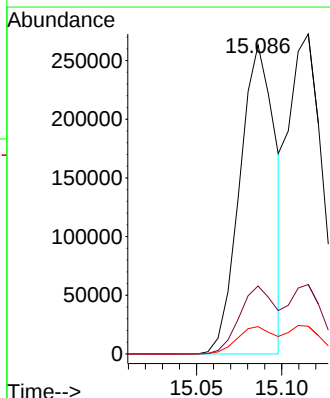
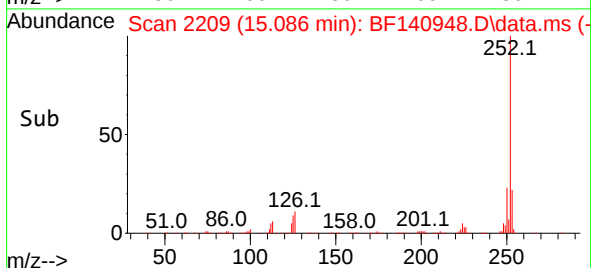
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024

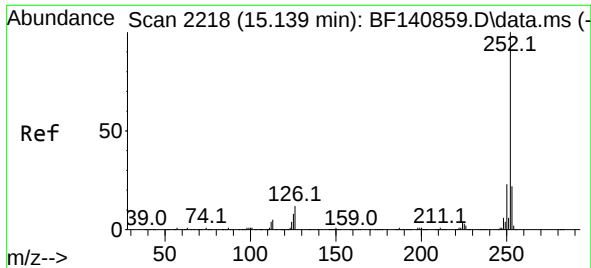


#88
Benzo(b)fluoranthene
Concen: 48.060 ng
RT: 15.086 min Scan# 2209
Delta R.T. -0.024 min
Lab File: BF140948.D
Acq: 20 Dec 2024 14:10



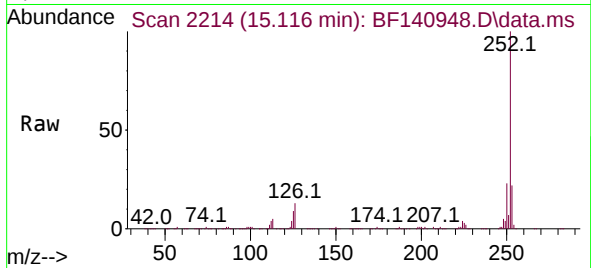
Tgt Ion:252 Resp: 381086
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.6
125 8.9 7.0 10.4





#89
Benzo(k)fluoranthene
Concen: 54.968 ng
RT: 15.116 min Scan# 2116
Delta R.T. -0.024 min
Lab File: BF140948.D
Acq: 20 Dec 2024 14:10

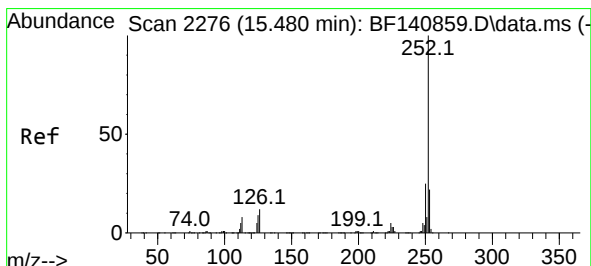
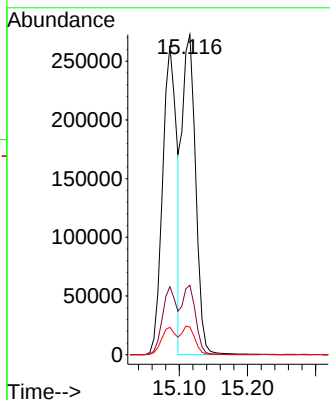
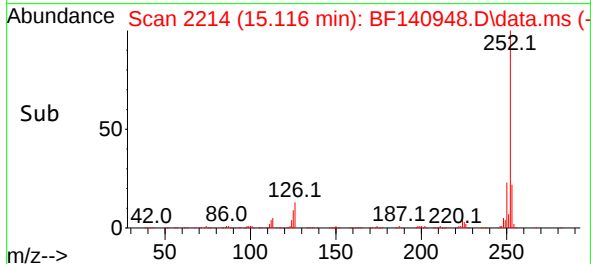
Instrument :
BNA_F
ClientSampleId :
OU4-VSL-11-121224MS



Tgt Ion:252 Resp: 373879
Ion Ratio Lower Upper
252 100
253 21.7 17.5 26.3
125 8.7 6.8 10.2

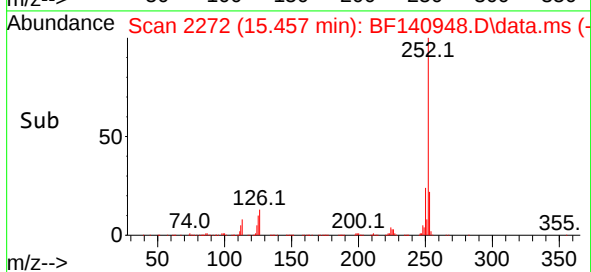
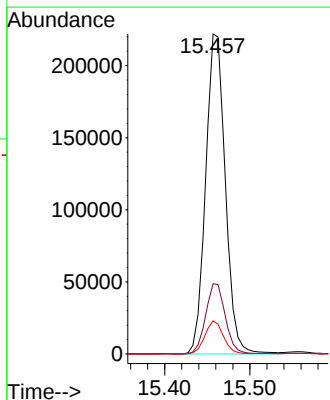
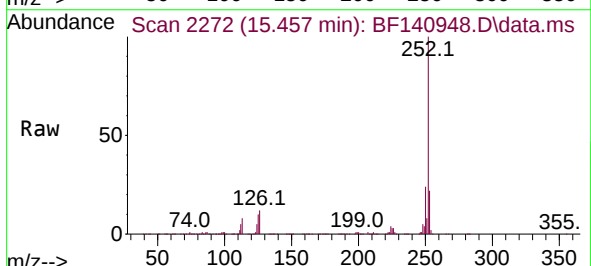
Manual Integrations
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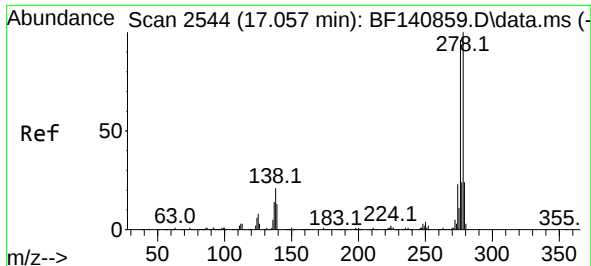
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#90
Benzo(a)pyrene
Concen: 57.316 ng
RT: 15.457 min Scan# 2272
Delta R.T. -0.024 min
Lab File: BF140948.D
Acq: 20 Dec 2024 14:10

Tgt Ion:252 Resp: 355872
Ion Ratio Lower Upper
252 100
253 21.9 17.5 26.3
125 10.3 7.5 11.3





#91

Dibenzo(a,h)anthracene

Concen: 66.055 ng

RT: 17.039 min Scan# 21

Delta R.T. -0.018 min

Lab File: BF140948.D

Acq: 20 Dec 2024 14:10

Instrument :

BNA_F

ClientSampleId :

OU4-VSL-11-121224MS

Tgt Ion:278 Resp: 390092

Ion Ratio Lower Upper

278 100

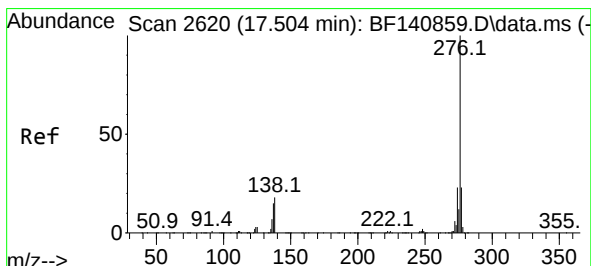
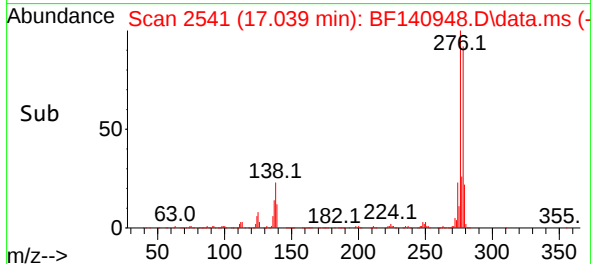
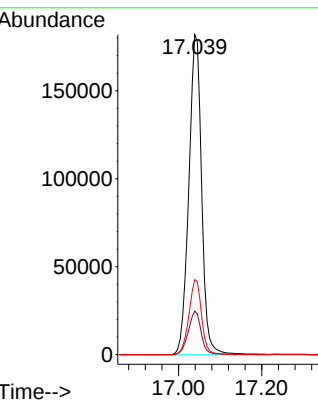
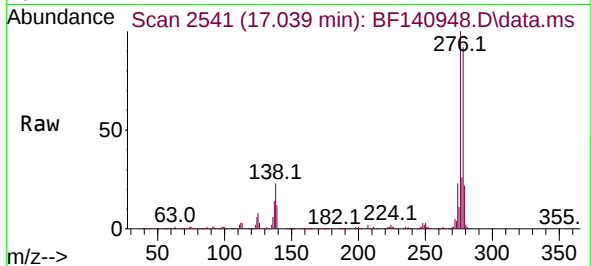
139 13.6 10.6 16.0

279 23.5 19.2 28.8

Manual Integrations

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Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#92

Benzo(g,h,i)perylene

Concen: 62.119 ng

RT: 17.498 min Scan# 2619

Delta R.T. -0.006 min

Lab File: BF140948.D

Acq: 20 Dec 2024 14:10

Tgt Ion:276 Resp: 373367

Ion Ratio Lower Upper

276 100

277 23.5 18.7 28.1

138 18.1 14.2 21.2

