

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080124\
 Data File : BF138718.D
 Acq On : 01 Aug 2024 11:49
 Operator : RC/JU
 Sample : P3379-01MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OU4-PCS-01-072324MS

Quant Time: Aug 01 12:19:51 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 30 17:50:01 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 08/02/2024
 Supervised By :mohammad ahmed 08/03/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	70988	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	290366	20.000	ng	0.00
39) Acenaphthene-d10	9.881	164	158262	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	255483	20.000	ng	0.00
76) Chrysene-d12	14.010	240	123517	20.000	ng	0.00
86) Perylene-d12	15.468	264	143745	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	462828	100.643	ng	0.01
7) Phenol-d6	6.487	99	626975	101.547	ng	0.00
23) Nitrobenzene-d5	7.410	82	414739	69.833	ng	0.00
42) 2,4,6-Tribromophenol	10.675	330	147111	113.478	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	723319	68.670	ng	0.00
79) Terphenyl-d14	12.951	244	608866	82.532	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.663	88	77553	38.520	ng	97
3) Pyridine	3.416	79	199266	40.857	ng	98
4) n-Nitrosodimethylamine	3.381	42	147941	50.931	ng	99
6) Aniline	6.510	93	234122	42.519	ng	# 67
8) 2-Chlorophenol	6.634	128	252181	52.121	ng	99
9) Benzaldehyde	6.398	77	14709	3.974	ng	99
10) Phenol	6.504	94	325885	50.130	ng	89
11) bis(2-Chloroethyl)ether	6.581	93	246976	49.370	ng	99
12) 1,3-Dichlorobenzene	6.787	146	252653	46.650	ng	99
13) 1,4-Dichlorobenzene	6.863	146	260545	47.669	ng	99
14) 1,2-Dichlorobenzene	7.016	146	250989	49.136	ng	100
15) Benzyl Alcohol	6.992	79	240213	53.980	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.116	45	428018	49.717	ng	73
17) 2-Methylphenol	7.110	107	201209	50.362	ng	# 90
18) Hexachloroethane	7.357	117	97907	47.588	ng	96
19) n-Nitroso-di-n-propyla...	7.263	70	195495	52.424	ng	97
20) 3+4-Methylphenols	7.263	107	259680	50.659	ng	# 84
22) Acetophenone	7.257	105	329094	46.289	ng	99
24) Nitrobenzene	7.434	77	282682	46.776	ng	97
25) Isophorone	7.669	82	530374	52.299	ng	98
26) 2-Nitrophenol	7.745	139	136261	52.407	ng	97
27) 2,4-Dimethylphenol	7.787	122	176216	56.645	ng	99
28) bis(2-Chloroethoxy)met...	7.875	93	319102	51.671	ng	99
29) 2,4-Dichlorophenol	7.992	162	206616	51.687	ng	99
30) 1,2,4-Trichlorobenzene	8.069	180	222899	48.318	ng	99
31) Naphthalene	8.151	128	743132	48.622	ng	99
32) Benzoic acid	7.928	122	110459	45.170	ng	95
33) 4-Chloroaniline	8.198	127	131232	25.579	ng	99
34) Hexachlorobutadiene	8.263	225	132946	47.580	ng	99
35) Caprolactam	8.581	113	62891m	52.726	ng	
36) 4-Chloro-3-methylphenol	8.692	107	239580	52.442	ng	99
37) 2-Methylnaphthalene	8.839	142	485413	50.288	ng	99
38) 1-Methylnaphthalene	8.939	142	448492	47.416	ng	99
40) 1,2,4,5-Tetrachloroben...	9.004	216	204580	46.534	ng	98
41) Hexachlorocyclopentadiene	8.992	237	183149	150.654	ng	98
43) 2,4,6-Trichlorophenol	9.122	196	137673	51.361	ng	98

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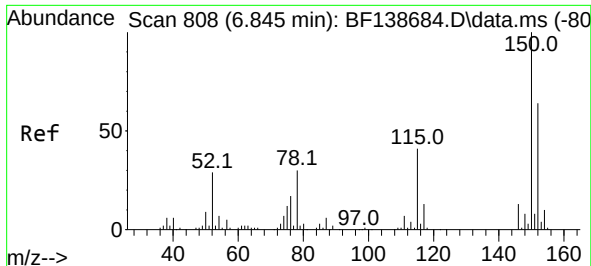
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.175	196	147687	50.399	ng	99
46) 1,1'-Biphenyl	9.304	154	574095	46.317	ng	100
47) 2-Chloronaphthalene	9.328	162	448865	48.692	ng	99
48) 2-Nitroaniline	9.434	65	160164	51.250	ng	98
49) Acenaphthylene	9.745	152	706625	54.046	ng	99
50) Dimethylphthalate	9.610	163	557252	55.067	ng	100
51) 2,6-Dinitrotoluene	9.675	165	118398	51.843	ng	99
52) Acenaphthene	9.916	154	434642	49.454	ng	99
53) 3-Nitroaniline	9.839	138	76091	32.230	ng	96
54) 2,4-Dinitrophenol	9.957	184	114342	108.763	ng	93
55) Dibenzofuran	10.092	168	639454	51.542	ng	99
56) 4-Nitrophenol	10.022	139	141020	99.328	ng	99
57) 2,4-Dinitrotoluene	10.081	165	152190	52.232	ng	93
58) Fluorene	10.433	166	504647	51.079	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.210	232	121222	54.110	ng	97
60) Diethylphthalate	10.304	149	534228	55.678	ng	100
61) 4-Chlorophenyl-phenyle...	10.422	204	252704	52.007	ng	98
62) 4-Nitroaniline	10.463	138	110375	49.195	ng	97
63) Azobenzene	10.581	77	572141	53.764	ng	99
65) 4,6-Dinitro-2-methylph...	10.492	198	87759	56.304	ng	98
66) n-Nitrosodiphenylamine	10.545	169	431026	53.974	ng	99
67) 4-Bromophenyl-phenylether	10.910	248	148226	53.587	ng	99
68) Hexachlorobenzene	10.980	284	148644	52.046	ng	97
69) Atrazine	11.069	200	129395	62.802	ng	98
70) Pentachlorophenol	11.180	266	127023	98.672	ng	99
71) Phenanthrene	11.392	178	686893	52.214	ng	99
72) Anthracene	11.445	178	697490	53.819	ng	100
73) Carbazole	11.604	167	550687	49.252	ng	99
74) Di-n-butylphthalate	11.927	149	767293	61.045	ng	100
75) Fluoranthene	12.580	202	591917	48.197	ng	100
77) Benzidine	12.704	184	147972	50.087	ng	100
78) Pyrene	12.810	202	582160	50.059	ng	100
80) Butylbenzylphthalate	13.422	149	237737	63.838	ng	98
81) Benzo(a)anthracene	13.998	228	454713	53.460	ng	99
82) 3,3'-Dichlorobenzidine	13.957	252	103925	47.746	ng	99
83) Chrysene	14.033	228	420406	54.785	ng	98
84) Bis(2-ethylhexyl)phtha...	13.980	149	343220	62.938	ng	99
85) Di-n-octyl phthalate	14.592	149	568534	56.349	ng	99
87) Indeno(1,2,3-cd)pyrene	16.951	276	533136	51.754	ng	98
88) Benzo(b)fluoranthene	15.045	252	476812	53.510	ng	99
89) Benzo(k)fluoranthene	15.074	252	388101	50.304	ng	99
90) Benzo(a)pyrene	15.410	252	412302	55.008	ng	100
91) Dibenzo(a,h)anthracene	16.962	278	429790	50.826	ng	99
92) Benzo(g,h,i)perylene	17.392	276	413970	47.177	ng	99

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

Manual Integrations APPROVED

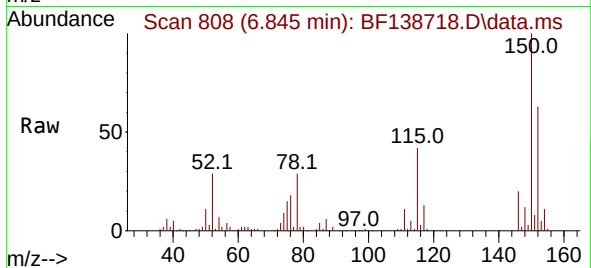
Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024

[illegible]



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF138718.D
Acq: 01 Aug 2024 11:49

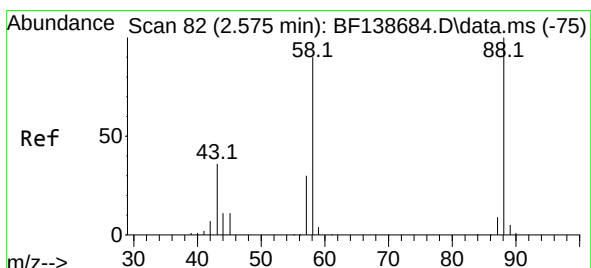
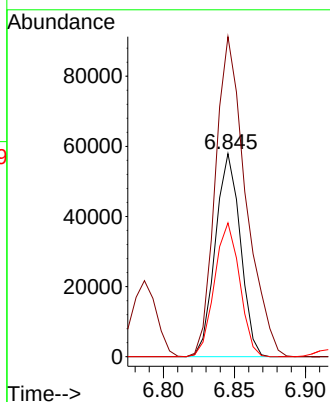
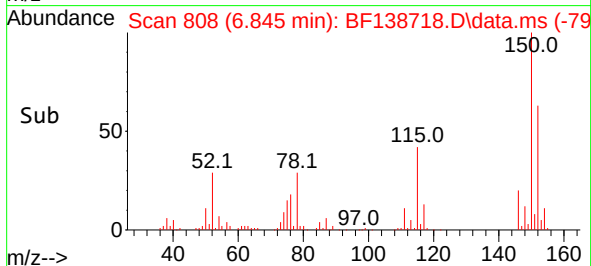
Instrument :
BNA_F
ClientSampleId :
OU4-PCS-01-072324MS



Tgt Ion:152 Resp: 70988
Ion Ratio Lower Upper
152 100
150 157.6 126.0 189.0
115 65.9 51.7 77.5

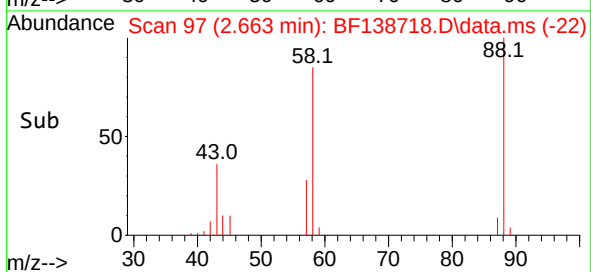
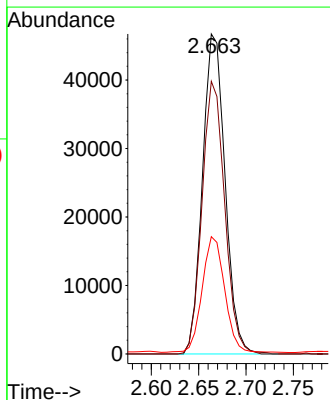
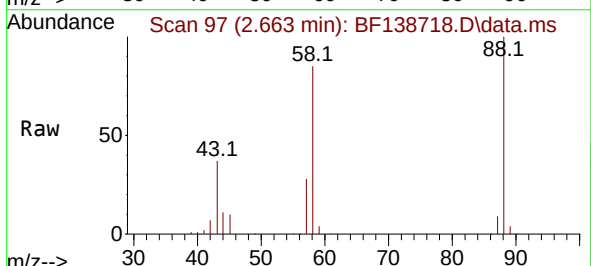
Manual Integrations
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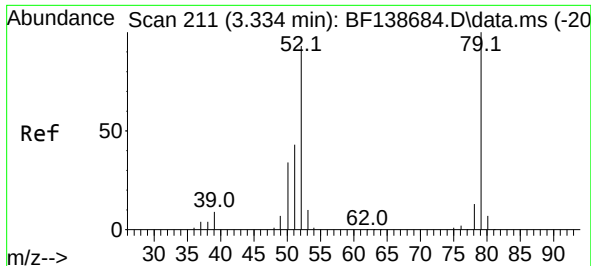
Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024



#2
1,4-Dioxane
Concen: 38.520 ng
RT: 2.663 min Scan# 97
Delta R.T. 0.088 min
Lab File: BF138718.D
Acq: 01 Aug 2024 11:49

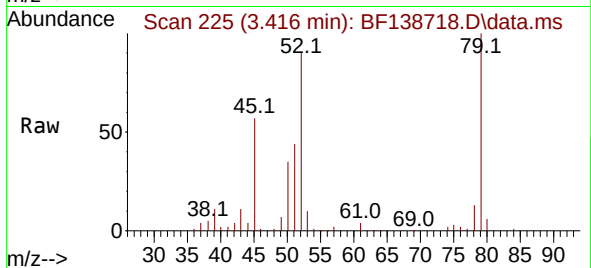
Tgt Ion: 88 Resp: 77553
Ion Ratio Lower Upper
88 100
58 85.3 71.6 107.4
43 36.2 28.7 43.1





#3
Pyridine
Concen: 40.857 ng
RT: 3.416 min Scan# 211
Delta R.T. 0.082 min
Lab File: BF138718.D
Acq: 01 Aug 2024 11:49

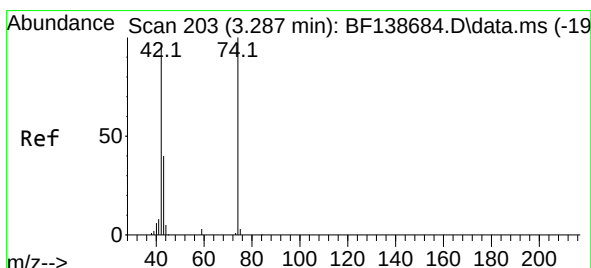
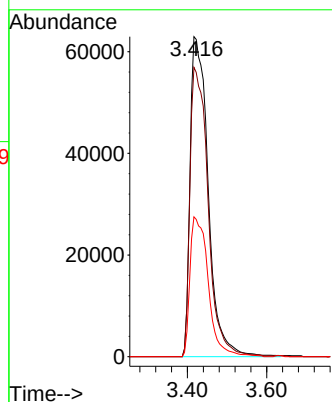
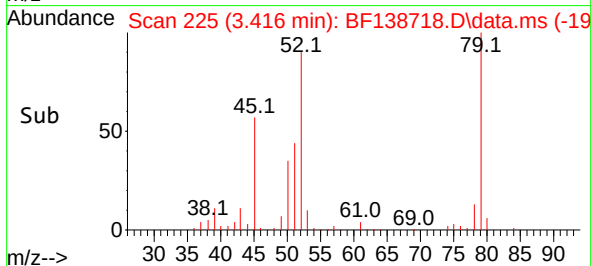
Instrument :
BNA_F
ClientSampleId :
OU4-PCS-01-072324MS



Tgt Ion: 79 Resp: 199260
Ion Ratio Lower Upper
79 100
52 90.4 74.7 112.1
51 43.7 34.6 51.8

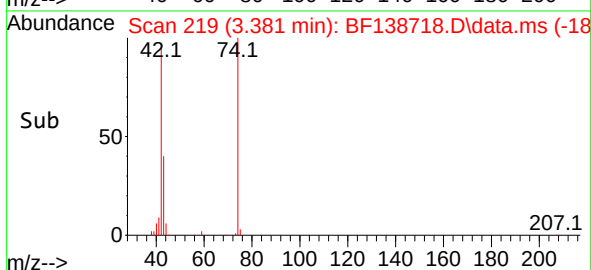
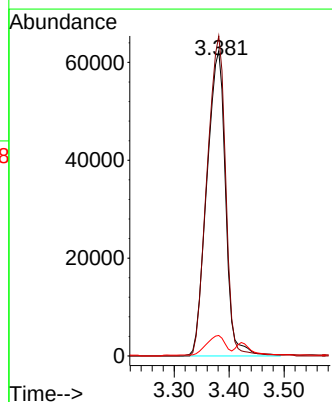
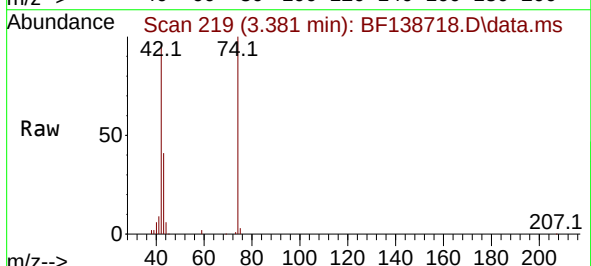
Manual Integrations
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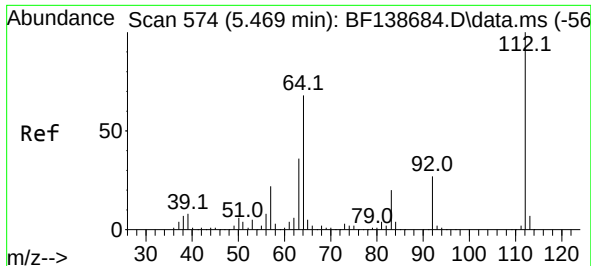
Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024



#4
n-Nitrosodimethylamine
Concen: 50.931 ng
RT: 3.381 min Scan# 219
Delta R.T. 0.094 min
Lab File: BF138718.D
Acq: 01 Aug 2024 11:49

Tgt Ion: 42 Resp: 147941
Ion Ratio Lower Upper
42 100
74 104.8 84.2 126.4
44 6.7 4.9 7.3





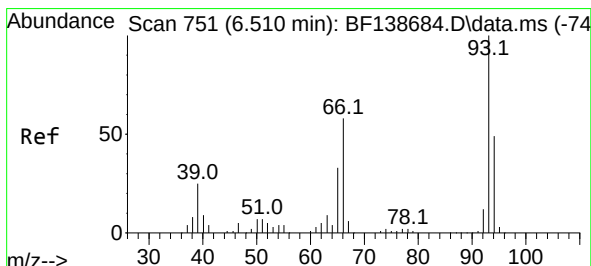
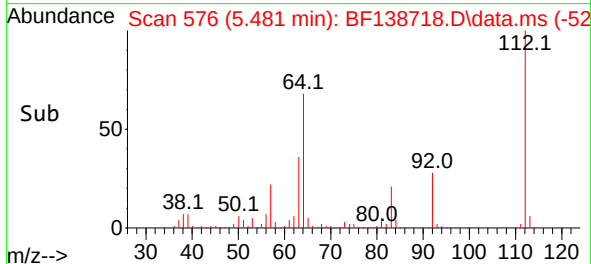
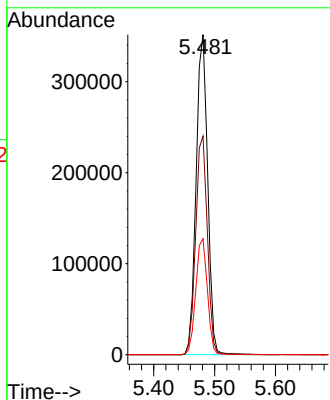
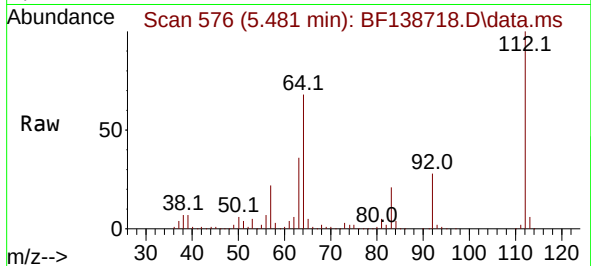
#5
2-Fluorophenol
Concen: 100.643 ng
RT: 5.481 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF138718.D
Acq: 01 Aug 2024 11:49

Instrument :
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ClientSampleId :
OU4-PCS-01-072324MS

Tgt Ion:112 Resp: 462828
Ion Ratio Lower Upper
112 100
64 68.3 54.2 81.4
63 36.3 28.7 43.1

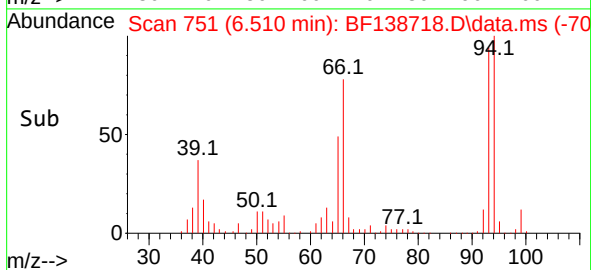
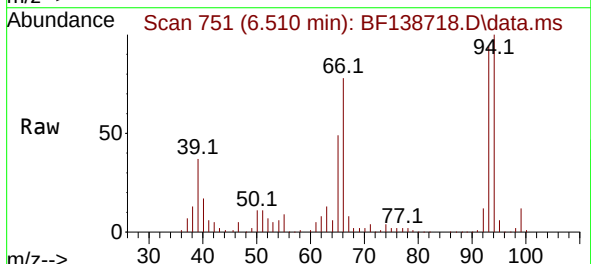
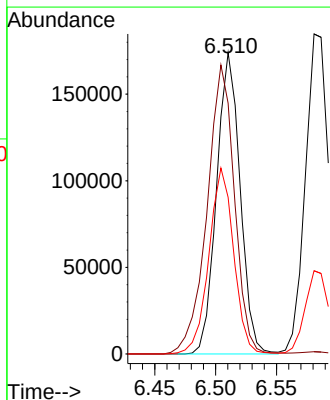
Manual Integrations
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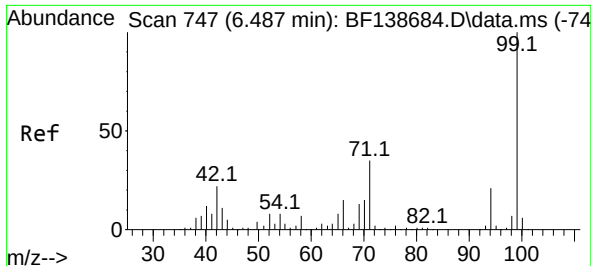
Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024



#6
Aniline
Concen: 42.519 ng
RT: 6.510 min Scan# 751
Delta R.T. 0.000 min
Lab File: BF138718.D
Acq: 01 Aug 2024 11:49

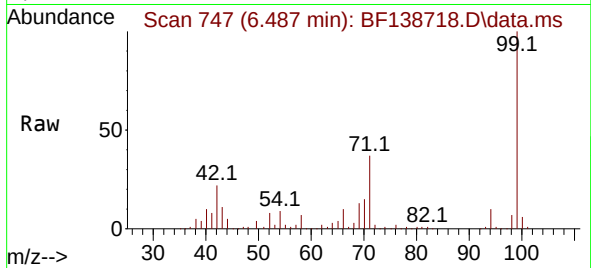
Tgt Ion: 93 Resp: 234122
Ion Ratio Lower Upper
93 100
66 83.2 46.9 70.3#
65 52.0 26.5 39.7#





#7
Phenol-d6
Concen: 101.547 ng
RT: 6.487 min Scan# 747
Delta R.T. 0.000 min
Lab File: BF138718.D
Acq: 01 Aug 2024 11:49

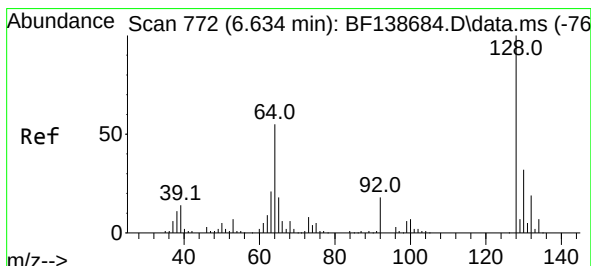
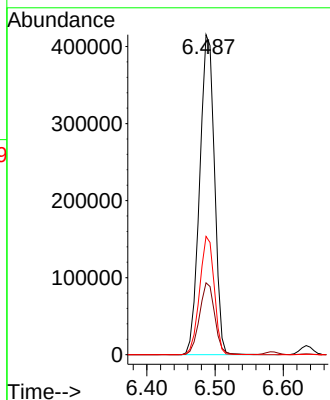
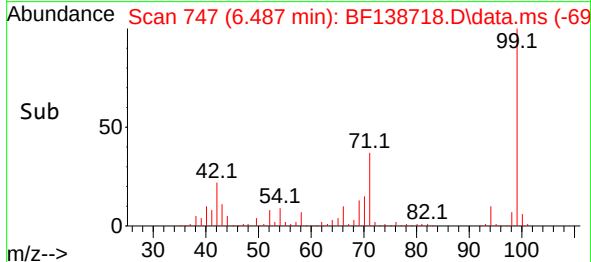
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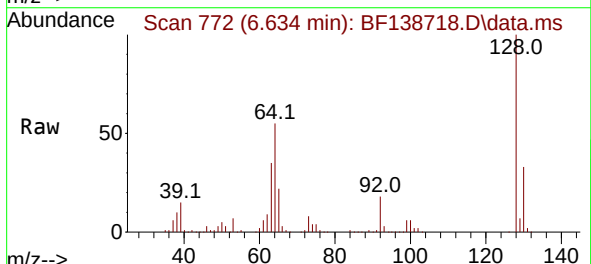
Tgt Ion: 99 Resp: 626975
Ion Ratio Lower Upper
99 100
42 22.4 17.4 26.0
71 37.0 28.1 42.1

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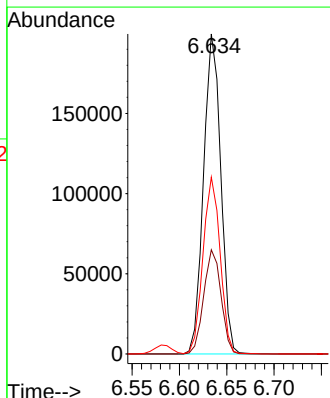
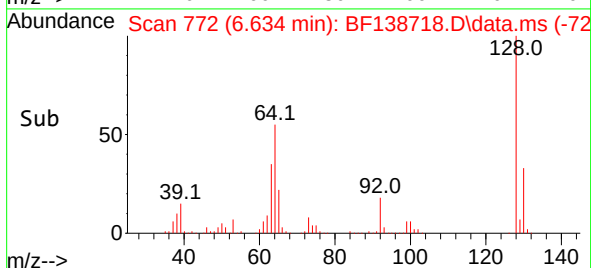
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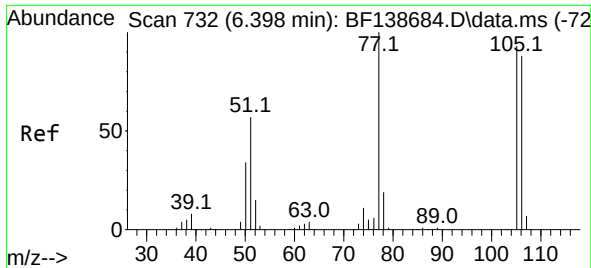


#8
2-Chlorophenol
Concen: 52.121 ng
RT: 6.634 min Scan# 772
Delta R.T. 0.000 min
Lab File: BF138718.D
Acq: 01 Aug 2024 11:49



Tgt Ion:128 Resp: 252181
Ion Ratio Lower Upper
128 100
130 32.6 12.0 52.0
64 55.3 36.3 76.3





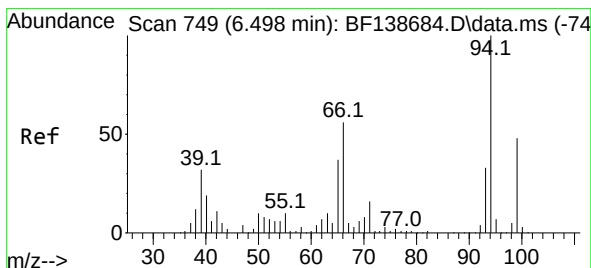
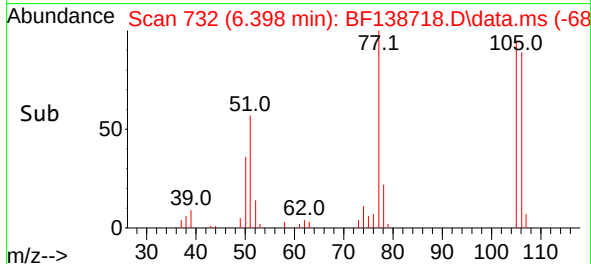
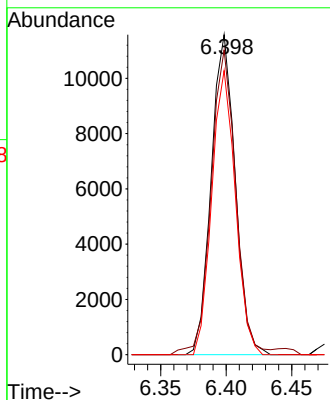
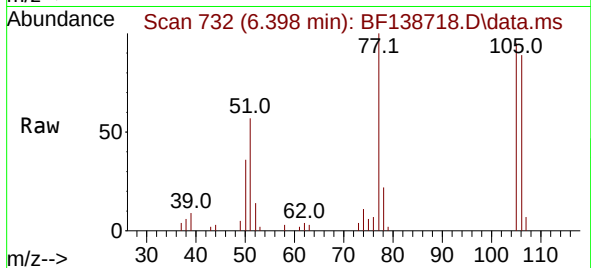
#9
Benzaldehyde
Concen: 3.974 ng
RT: 6.398 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF138718.D
Acq: 01 Aug 2024 11:49

Instrument :
BNA_F
ClientSampleId :
OU4-PCS-01-072324MS

Tgt Ion: 77 Resp: 14709
Ion Ratio Lower Upper
77 100
105 95.2 72.9 112.9
106 88.8 68.4 108.4

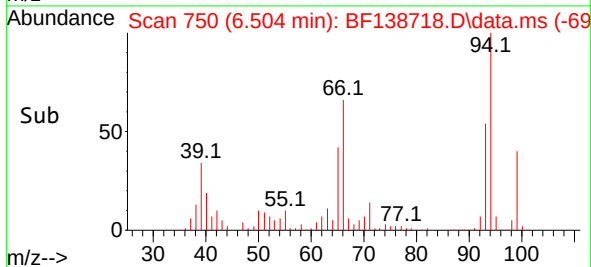
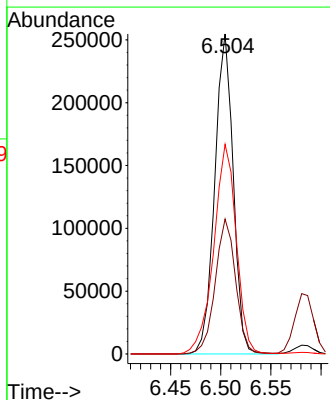
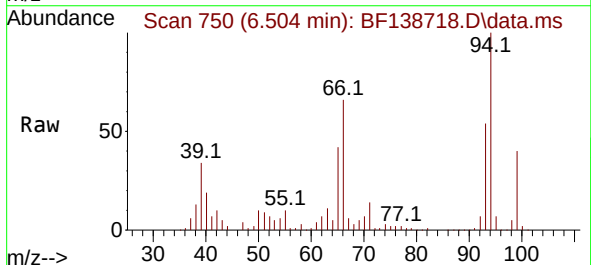
Manual Integrations
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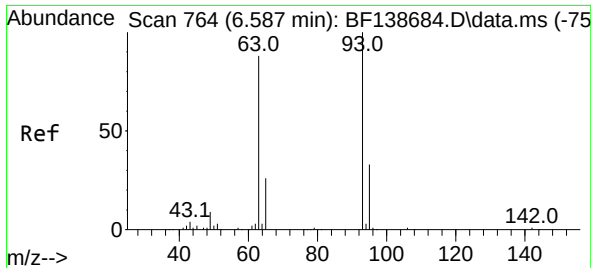
Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024



#10
Phenol
Concen: 50.130 ng
RT: 6.504 min Scan# 750
Delta R.T. 0.006 min
Lab File: BF138718.D
Acq: 01 Aug 2024 11:49

Tgt Ion: 94 Resp: 325885
Ion Ratio Lower Upper
94 100
65 42.2 16.9 56.9
66 65.5 36.5 76.5





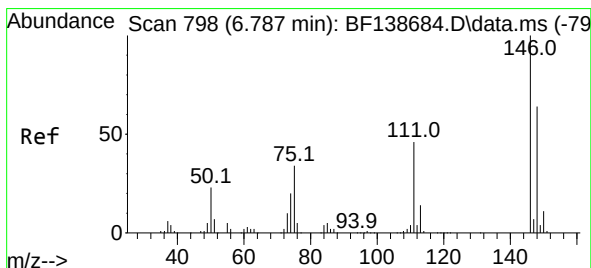
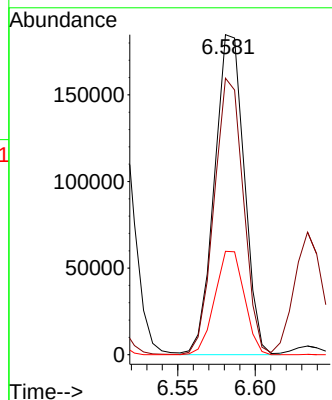
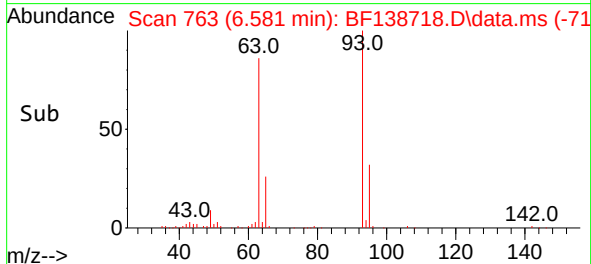
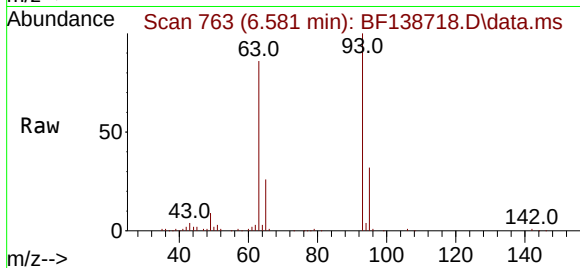
#11
bis(2-Chloroethyl)ether
Concen: 49.370 ng
RT: 6.581 min Scan# 763
Delta R.T. -0.006 min
Lab File: BF138718.D
Acq: 01 Aug 2024 11:49

Instrument :
BNA_F
ClientSampleId :
OU4-PCS-01-072324MS

Tgt Ion: 93 Resp: 246970
Ion Ratio Lower Upper
93 100
63 86.4 65.3 105.3
95 32.3 12.4 52.4

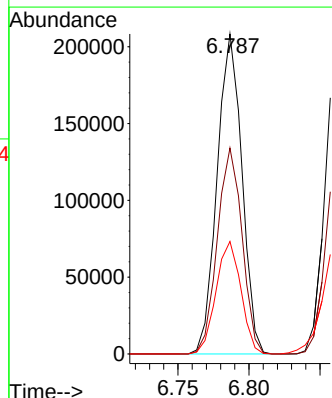
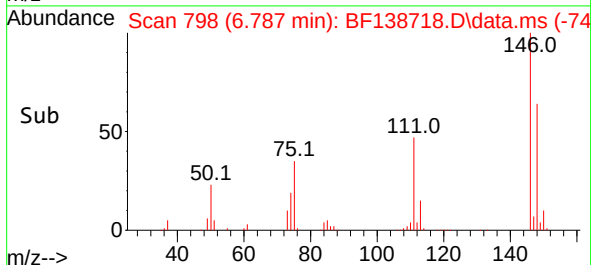
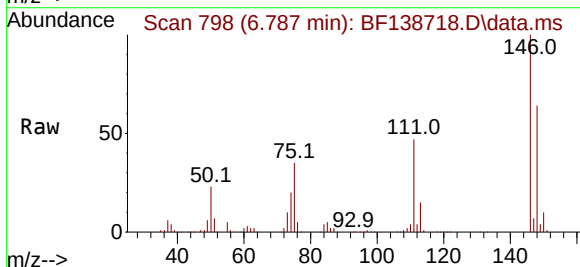
Manual Integrations
APPROVED

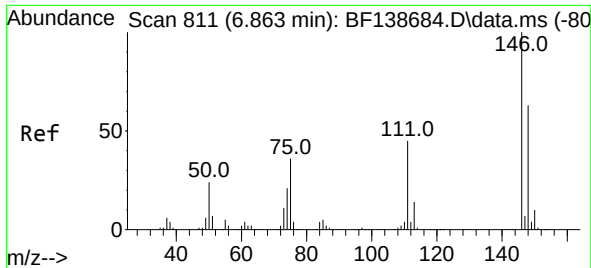
Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024



#12
1,3-Dichlorobenzene
Concen: 46.650 ng
RT: 6.787 min Scan# 798
Delta R.T. 0.000 min
Lab File: BF138718.D
Acq: 01 Aug 2024 11:49

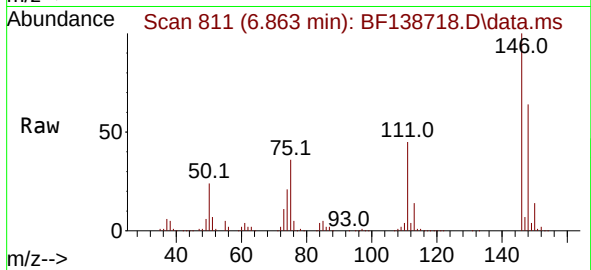
Tgt Ion:146 Resp: 252653
Ion Ratio Lower Upper
146 100
148 64.4 51.2 76.8
75 35.2 27.4 41.2





#13
1,4-Dichlorobenzene
Concen: 47.669 ng
RT: 6.863 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF138718.D
Acq: 01 Aug 2024 11:49

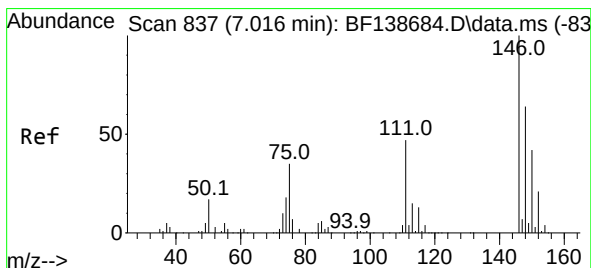
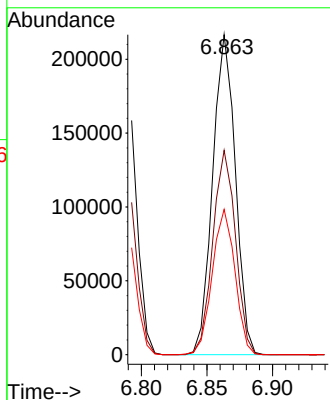
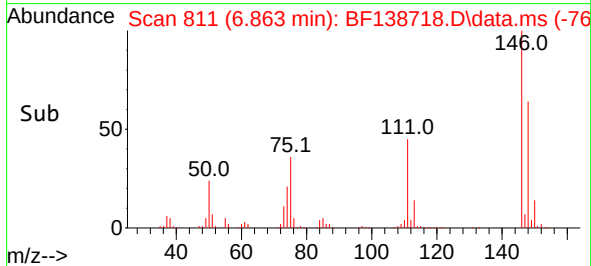
Instrument :
BNA_F
ClientSampleId :
OU4-PCS-01-072324MS



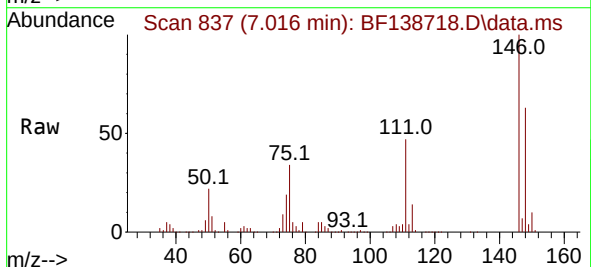
Tgt Ion:146 Resp: 260549
Ion Ratio Lower Upper
146 100
148 63.9 50.2 75.2
111 45.4 35.9 53.9

Manual Integrations
APPROVED

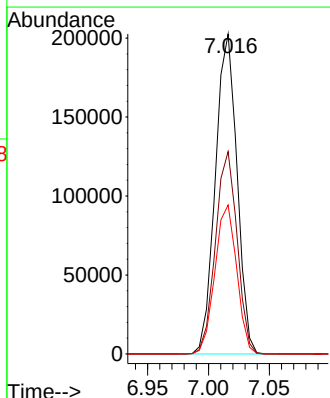
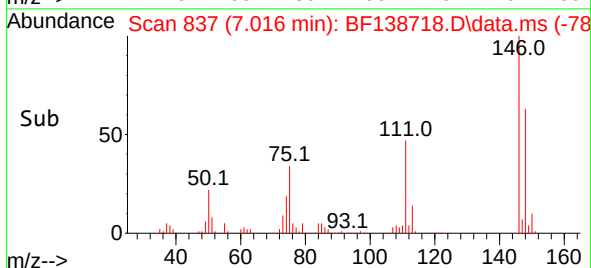
Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024

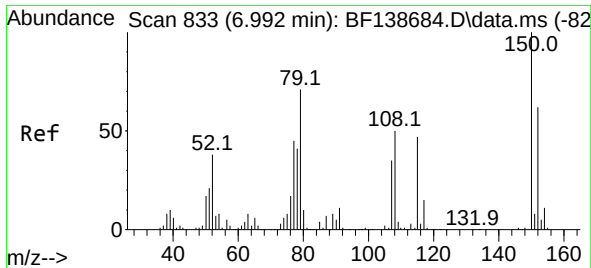


#14
1,2-Dichlorobenzene
Concen: 49.136 ng
RT: 7.016 min Scan# 837
Delta R.T. 0.000 min
Lab File: BF138718.D
Acq: 01 Aug 2024 11:49



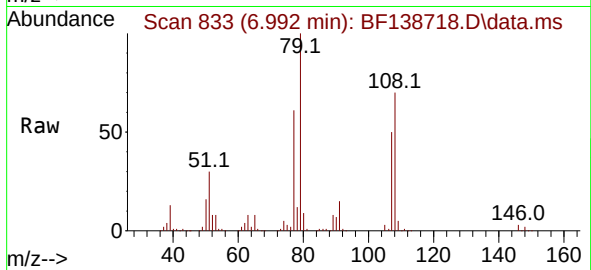
Tgt Ion:146 Resp: 250989
Ion Ratio Lower Upper
146 100
148 63.3 50.8 76.2
111 46.5 37.4 56.2





#15
Benzyl Alcohol
Concen: 53.980 ng
RT: 6.992 min Scan# 833
Delta R.T. 0.000 min
Lab File: BF138718.D
Acq: 01 Aug 2024 11:49

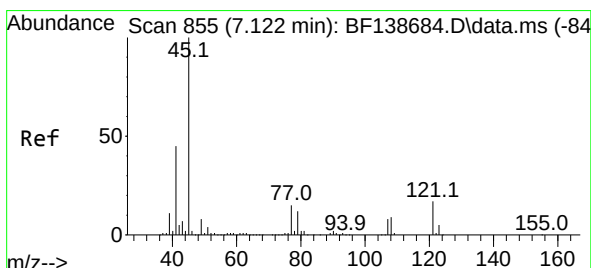
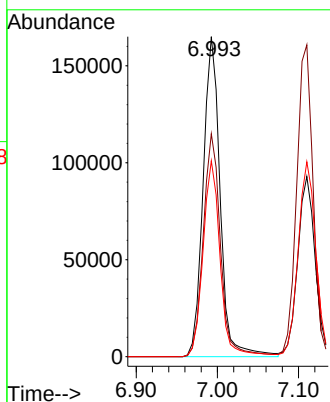
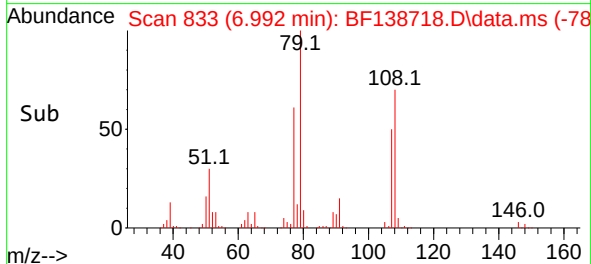
Instrument :
BNA_F
ClientSampleId :
OU4-PCS-01-072324MS



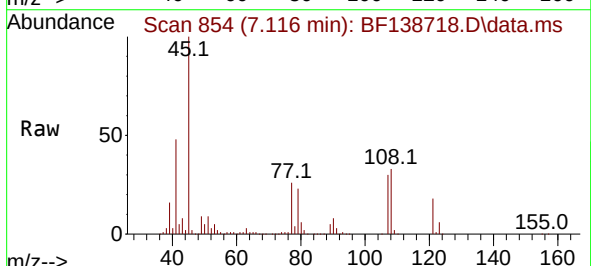
Tgt Ion: 79 Resp: 24021
Ion Ratio Lower Upper
79 100
108 69.6 56.6 85.0
77 61.2 50.3 75.5

Manual Integrations
APPROVED

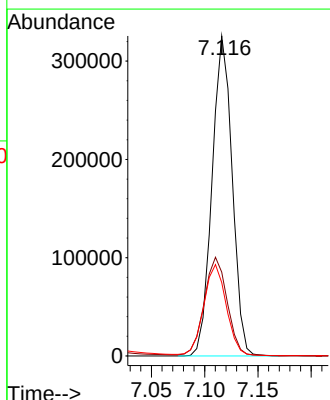
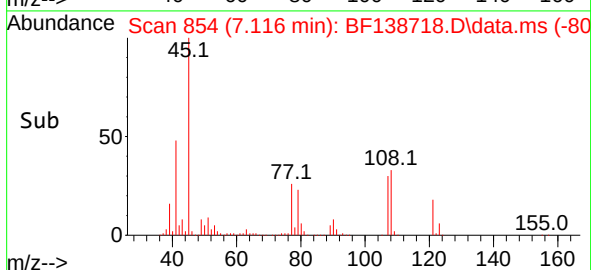
Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024

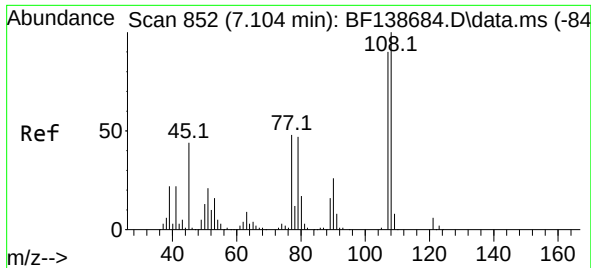


#16
2,2'-oxybis(1-Chloropropane)
Concen: 49.717 ng
RT: 7.116 min Scan# 854
Delta R.T. -0.006 min
Lab File: BF138718.D
Acq: 01 Aug 2024 11:49



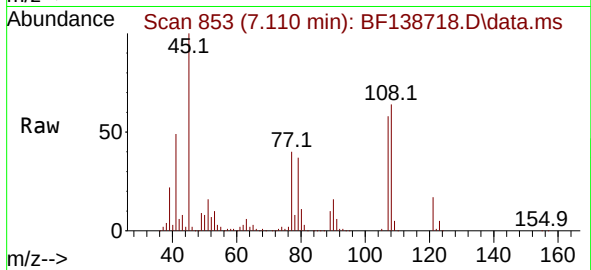
Tgt Ion: 45 Resp: 428018
Ion Ratio Lower Upper
45 100
77 26.2 0.0 34.9
79 22.9 0.0 32.2





#17
2-Methylphenol
Concen: 50.362 ng
RT: 7.110 min Scan# 853
Delta R.T. 0.006 min
Lab File: BF138718.D
Acq: 01 Aug 2024 11:49

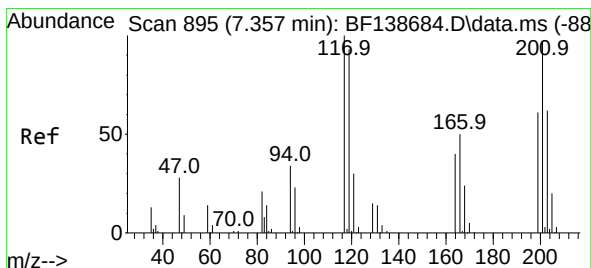
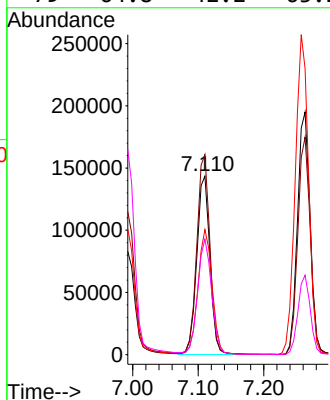
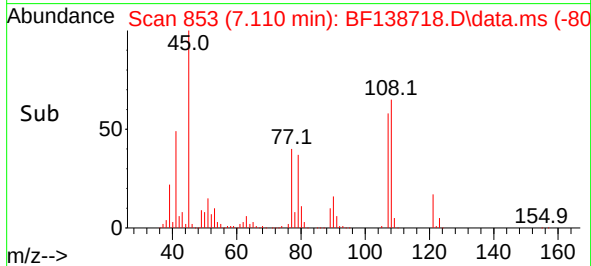
Instrument :
BNA_F
ClientSampleId :
OU4-PCS-01-072324MS



Tgt Ion:107 Resp: 201209
Ion Ratio Lower Upper
107 100
108 112.1 89.2 133.8
77 70.1 43.0 64.4
79 64.8 42.2 63.2

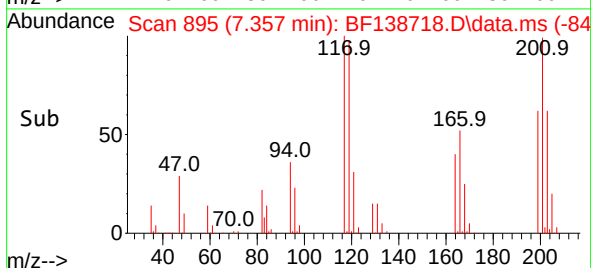
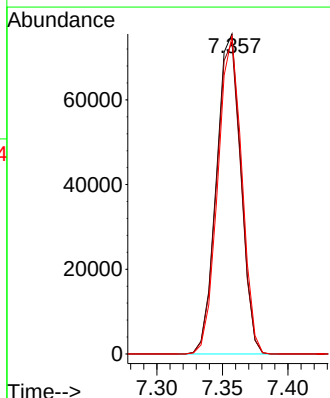
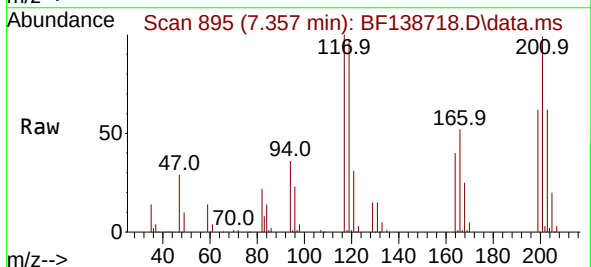
Manual Integrations
APPROVED

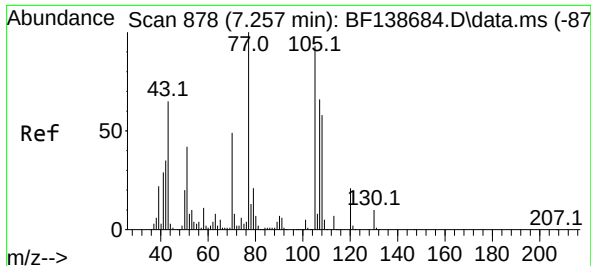
Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024



#18
Hexachloroethane
Concen: 47.588 ng
RT: 7.357 min Scan# 895
Delta R.T. 0.000 min
Lab File: BF138718.D
Acq: 01 Aug 2024 11:49

Tgt Ion:117 Resp: 97907
Ion Ratio Lower Upper
117 100
119 97.4 74.6 111.8
201 99.2 77.2 115.8





#19

n-Nitroso-di-n-propylamine

Concen: 52.424 ng

RT: 7.263 min Scan# 879

Delta R.T. 0.006 min

Lab File: BF138718.D

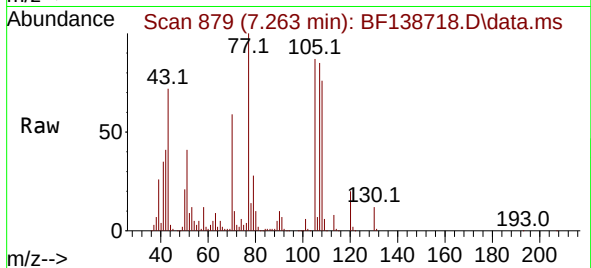
Acq: 01 Aug 2024 11:49

Instrument :

BNA_F

ClientSampleId :

OU4-PCS-01-072324MS



Tgt Ion: 70 Resp: 19549

Ion Ratio Lower Upper

70 100

42 68.7 57.4 86.0

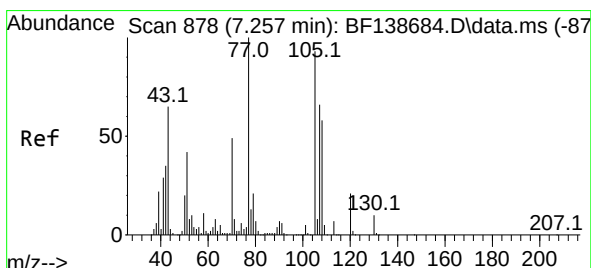
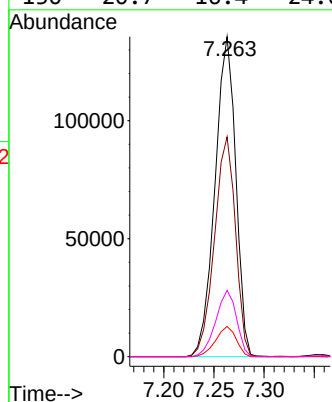
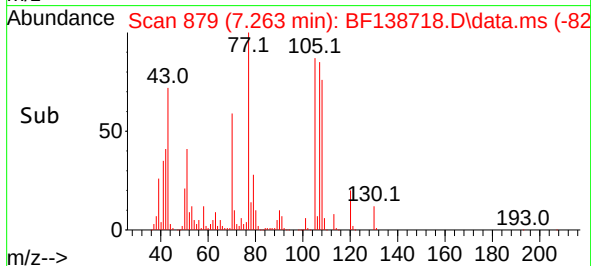
101 9.4 7.5 11.3

130 20.7 16.4 24.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024



#20

3+4-Methylphenols

Concen: 50.659 ng

RT: 7.263 min Scan# 879

Delta R.T. 0.006 min

Lab File: BF138718.D

Acq: 01 Aug 2024 11:49

Tgt Ion:107 Resp: 259680

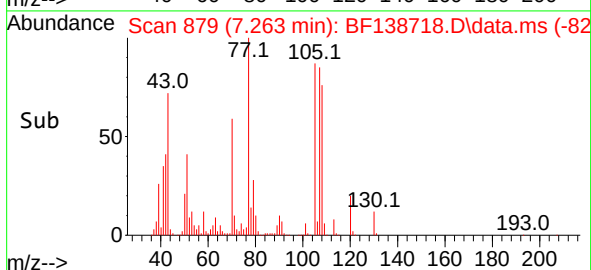
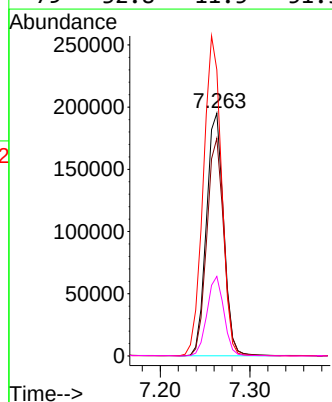
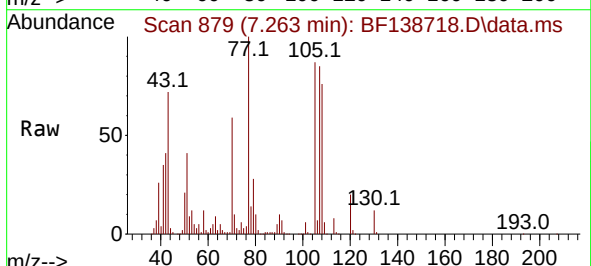
Ion Ratio Lower Upper

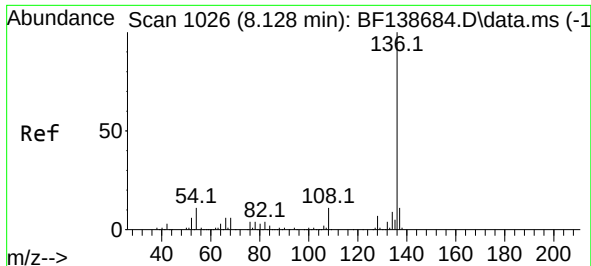
107 100

108 89.7 68.2 108.2

77 117.9 132.1 172.1#

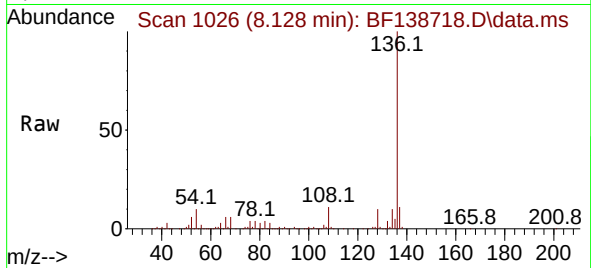
79 32.8 11.5 51.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1026
Delta R.T. -0.000 min
Lab File: BF138718.D
Acq: 01 Aug 2024 11:49

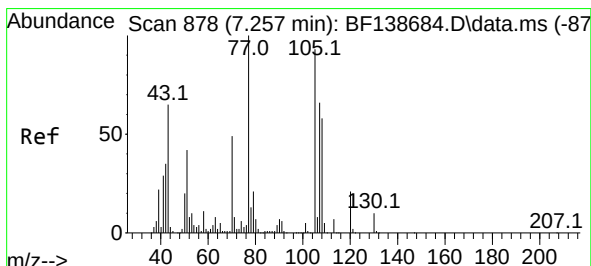
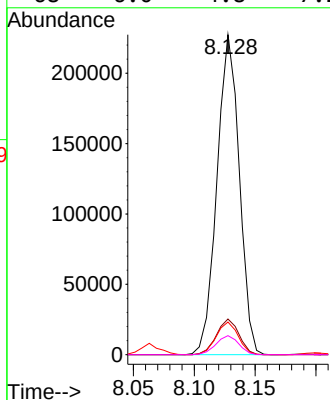
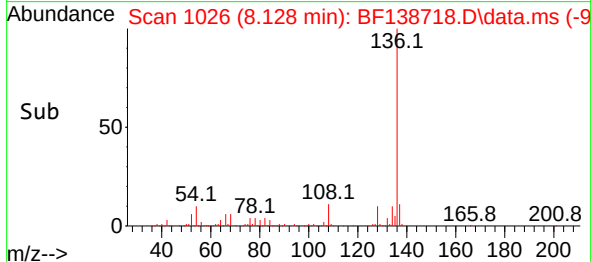
Instrument :
BNA_F
ClientSampleId :
OU4-PCS-01-072324MS



Tgt Ion:136	Resp: 29036
Ion Ratio	Lower Upper
136 100	
137 11.2	8.9 13.3
54 10.2	8.6 12.8
68 6.0	4.8 7.2

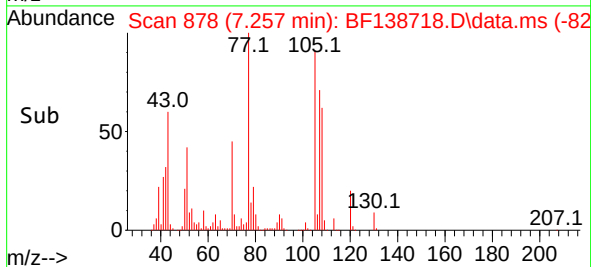
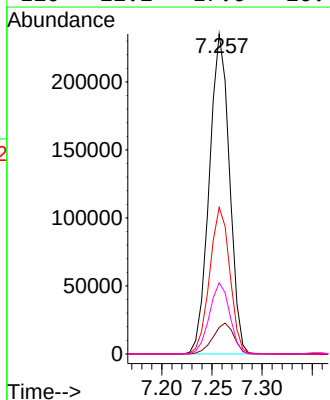
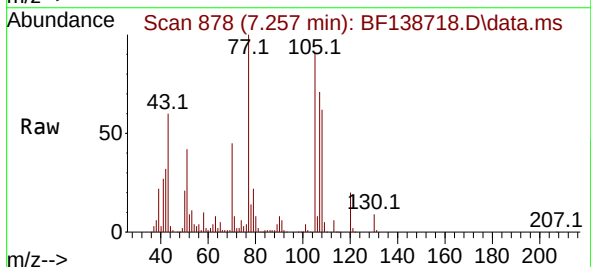
Manual Integrations
APPROVED

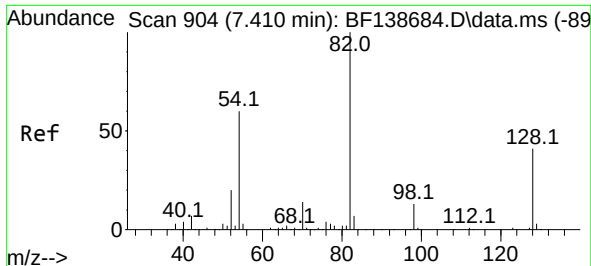
Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024



#22
Acetophenone
Concen: 46.289 ng
RT: 7.257 min Scan# 878
Delta R.T. 0.000 min
Lab File: BF138718.D
Acq: 01 Aug 2024 11:49

Tgt	Ion:105	Resp:	329094
Ion	Ratio	Lower	Upper
105	100		
71	8.3	7.2	10.8
51	45.8	35.9	53.9
120	22.2	17.6	26.4





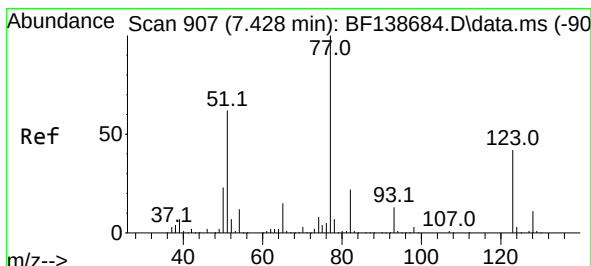
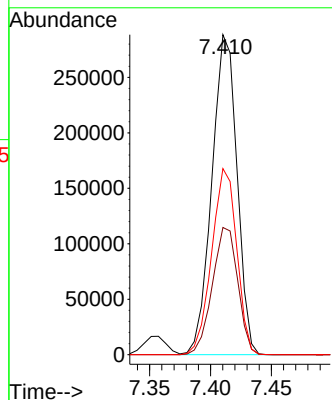
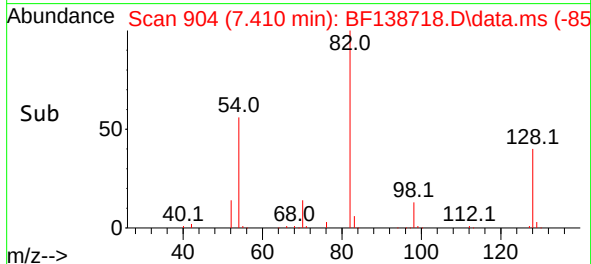
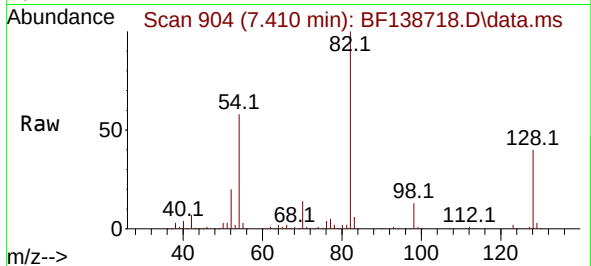
#23
Nitrobenzene-d5
Concen: 69.833 ng
RT: 7.410 min Scan# 904
Delta R.T. 0.000 min
Lab File: BF138718.D
Acq: 01 Aug 2024 11:49

Instrument :
BNA_F
ClientSampleId :
OU4-PCS-01-072324MS

Tgt Ion: 82 Resp: 414739
Ion Ratio Lower Upper
82 100
128 39.8 32.8 49.2
54 58.2 48.3 72.5

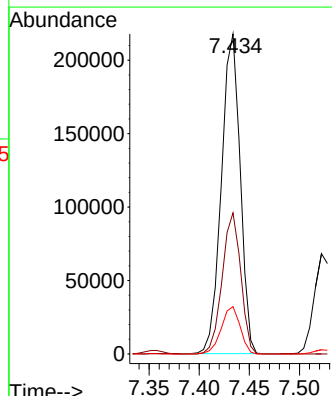
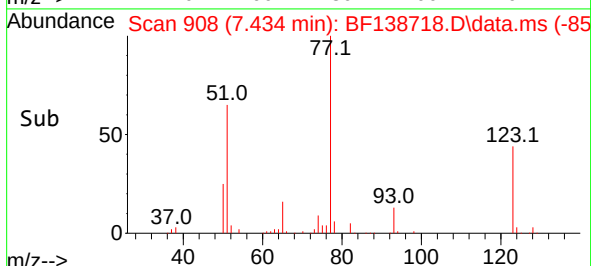
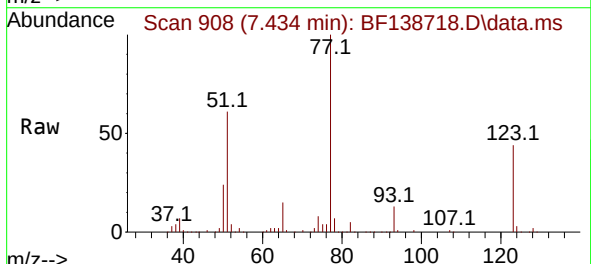
Manual Integrations
APPROVED

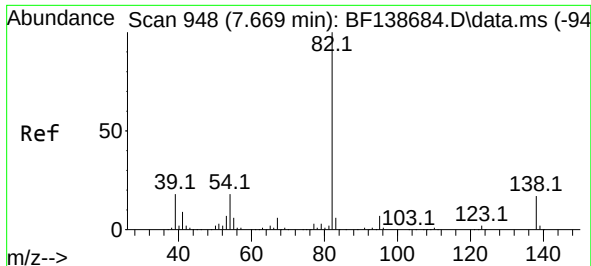
Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024



#24
Nitrobenzene
Concen: 46.776 ng
RT: 7.434 min Scan# 908
Delta R.T. 0.006 min
Lab File: BF138718.D
Acq: 01 Aug 2024 11:49

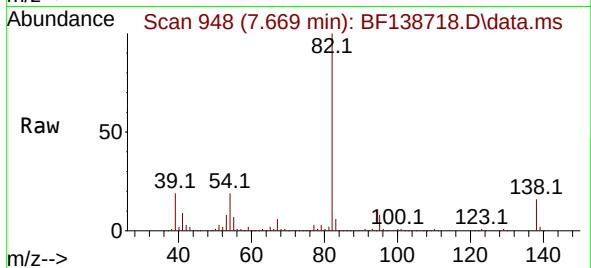
Tgt Ion: 77 Resp: 282682
Ion Ratio Lower Upper
77 100
123 44.1 33.3 49.9
65 14.8 11.9 17.9





#25
Isophorone
Concen: 52.299 ng
RT: 7.669 min Scan# 948
Delta R.T. 0.000 min
Lab File: BF138718.D
Acq: 01 Aug 2024 11:49

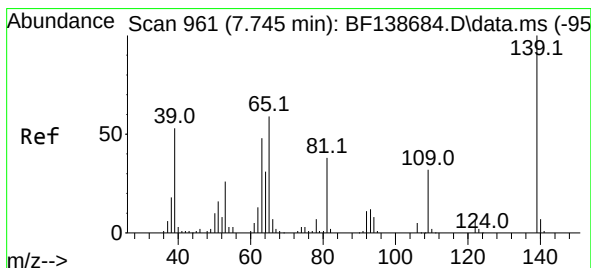
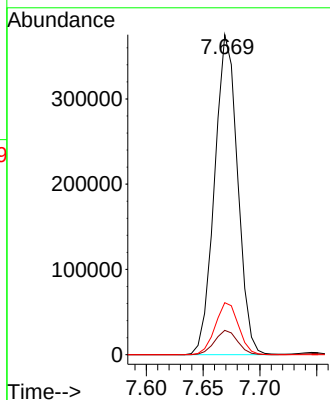
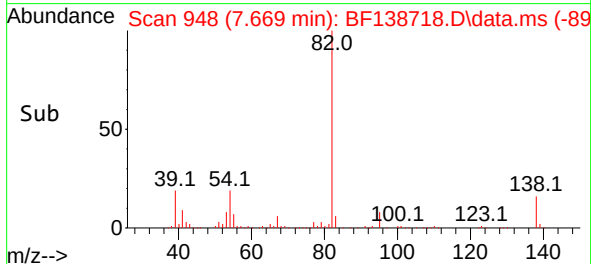
Instrument :
BNA_F
ClientSampleId :
OU4-PCS-01-072324MS



Tgt Ion: 82 Resp: 530374
Ion Ratio Lower Upper
82 100
95 7.6 5.7 8.5
138 16.2 13.7 20.5

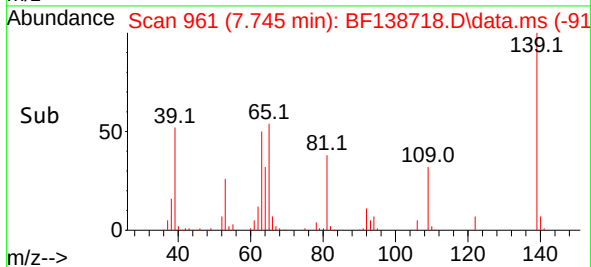
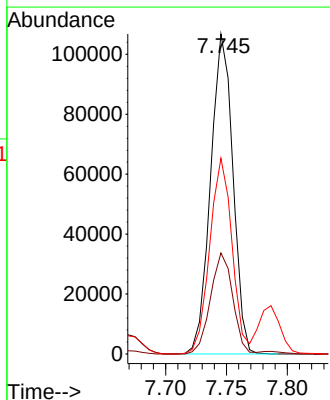
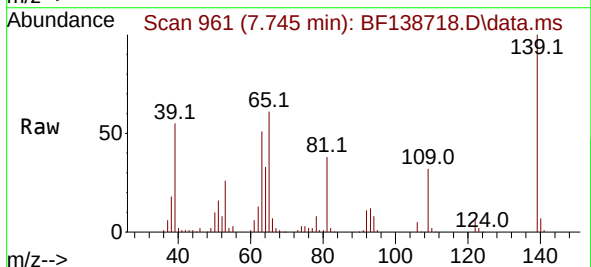
Manual Integrations
APPROVED

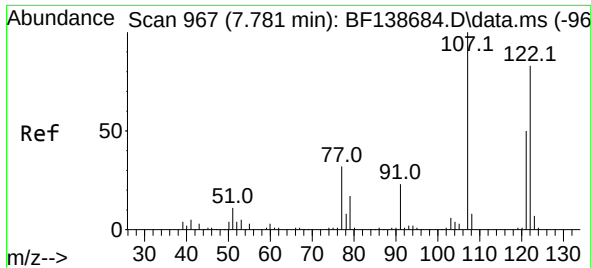
Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024



#26
2-Nitrophenol
Concen: 52.407 ng
RT: 7.745 min Scan# 961
Delta R.T. 0.000 min
Lab File: BF138718.D
Acq: 01 Aug 2024 11:49

Tgt Ion:139 Resp: 136261
Ion Ratio Lower Upper
139 100
109 31.6 25.9 38.9
65 61.2 47.0 70.6





#27

2,4-Dimethylphenol

Concen: 56.645 ng

RT: 7.787 min Scan# 90

Delta R.T. 0.006 min

Lab File: BF138718.D

Acq: 01 Aug 2024 11:49

Instrument :

BNA_F

ClientSampleId :

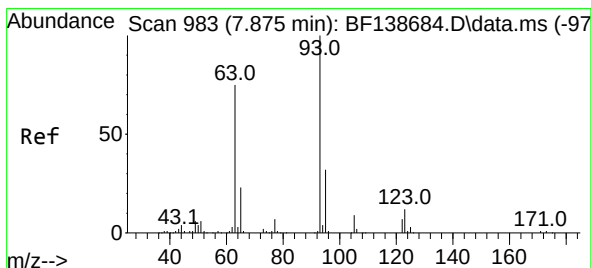
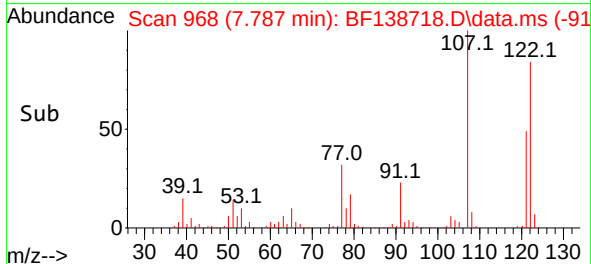
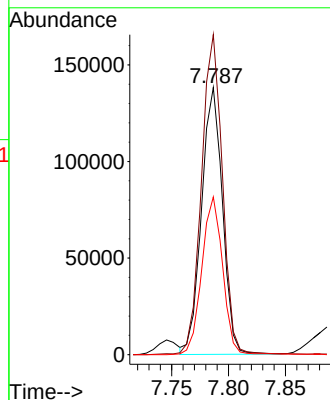
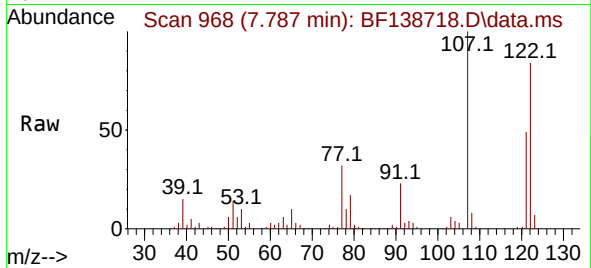
OU4-PCS-01-072324MS

Tgt Ion:122 Resp: 176210
 Ion Ratio Lower Upper
 122 100
 107 119.8 95.0 142.6
 121 59.0 47.3 70.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/02/2024
 Supervised By :mohammad ahmed 08/03/2024



#28

bis(2-Chloroethoxy)methane

Concen: 51.671 ng

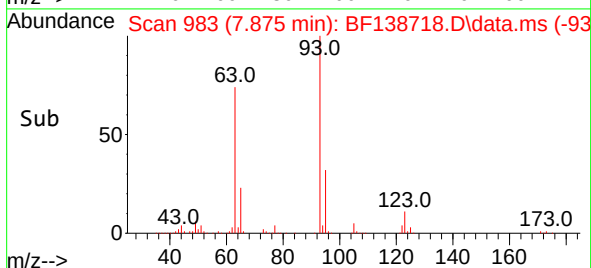
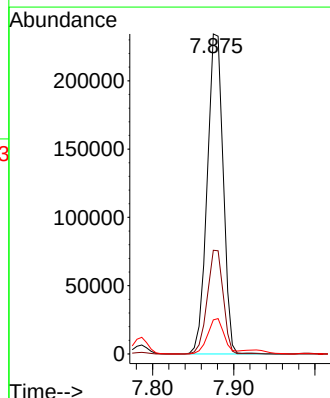
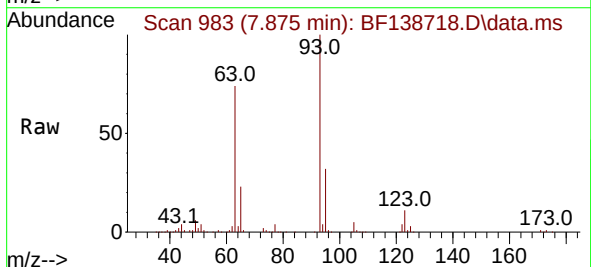
RT: 7.875 min Scan# 983

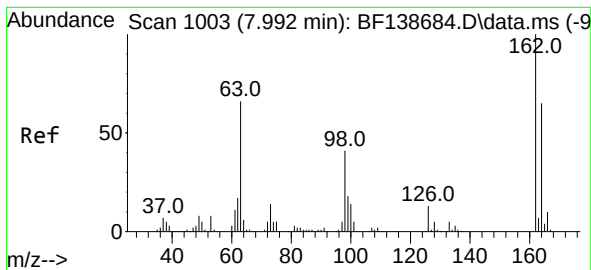
Delta R.T. 0.000 min

Lab File: BF138718.D

Acq: 01 Aug 2024 11:49

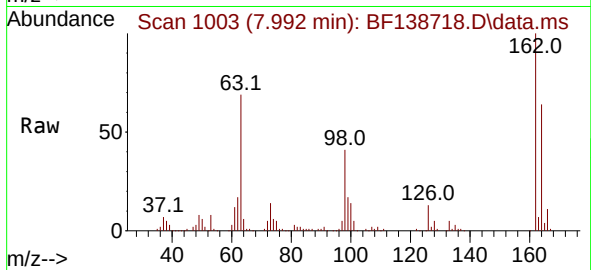
Tgt Ion: 93 Resp: 319102
 Ion Ratio Lower Upper
 93 100
 95 32.4 25.8 38.8
 123 10.6 9.4 14.0





#29
2,4-Dichlorophenol
Concen: 51.687 ng
RT: 7.992 min Scan# 1003
Delta R.T. 0.000 min
Lab File: BF138718.D
Acq: 01 Aug 2024 11:49

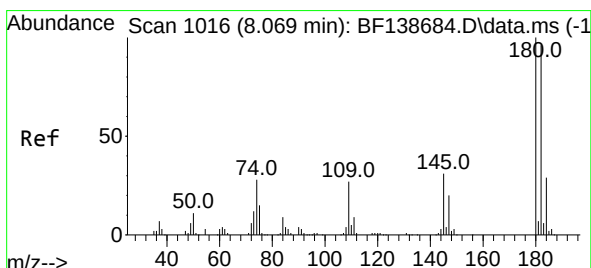
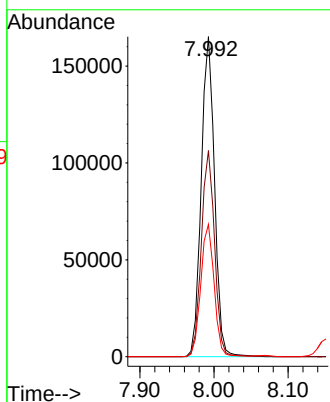
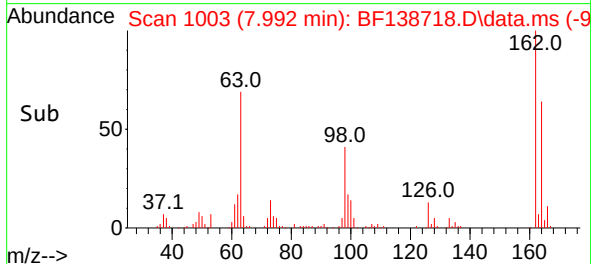
Instrument :
BNA_F
ClientSampleId :
OU4-PCS-01-072324MS



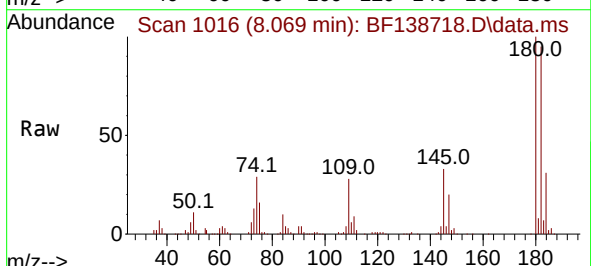
Tgt Ion:162 Resp: 206610
Ion Ratio Lower Upper
162 100
164 64.4 44.7 84.7
98 41.3 20.8 60.8

Manual Integrations
APPROVED

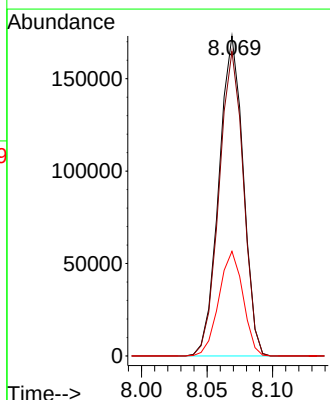
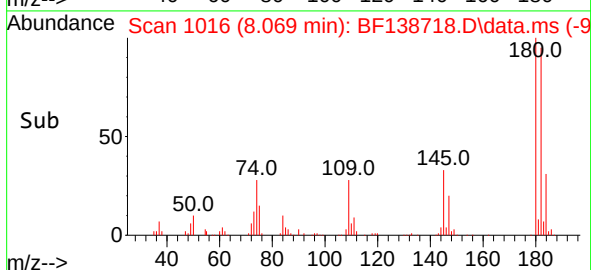
Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024

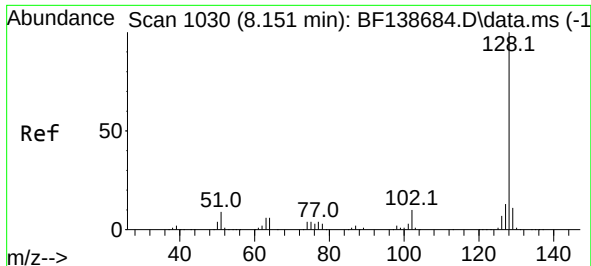


#30
1,2,4-Trichlorobenzene
Concen: 48.318 ng
RT: 8.069 min Scan# 1016
Delta R.T. 0.000 min
Lab File: BF138718.D
Acq: 01 Aug 2024 11:49



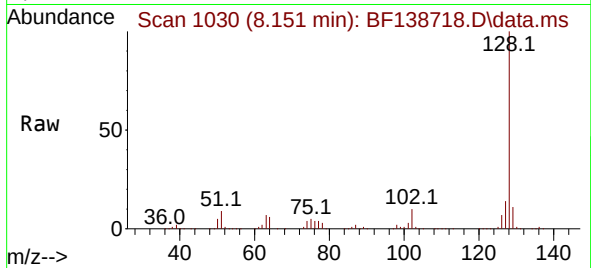
Tgt Ion:180 Resp: 222899
Ion Ratio Lower Upper
180 100
182 95.2 76.9 115.3
145 32.7 25.0 37.4





#31
Naphthalene
Concen: 48.622 ng
RT: 8.151 min Scan# 1030
Delta R.T. 0.000 min
Lab File: BF138718.D
Acq: 01 Aug 2024 11:49

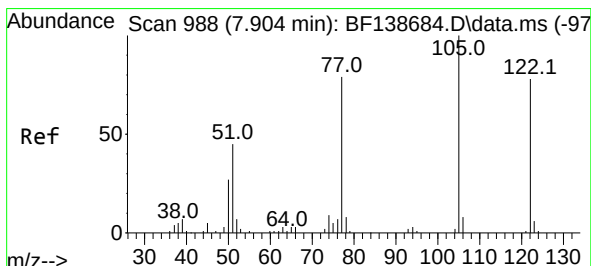
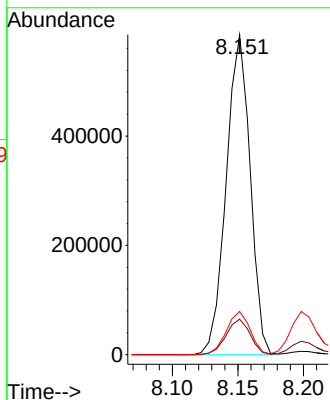
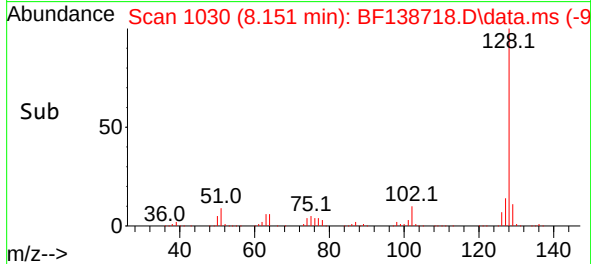
Instrument :
BNA_F
ClientSampleId :
OU4-PCS-01-072324MS



Tgt Ion:128 Resp: 743132
Ion Ratio Lower Upper
128 100
129 11.1 8.7 13.1
127 13.5 10.6 16.0

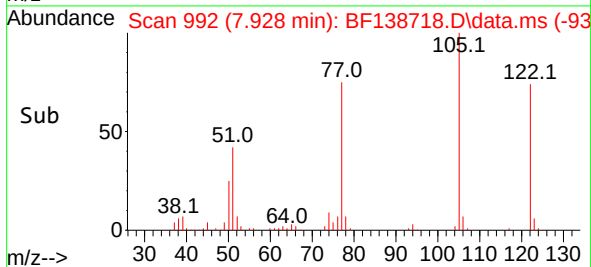
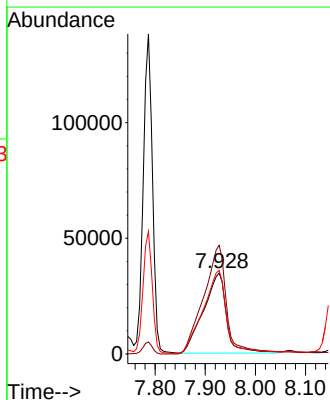
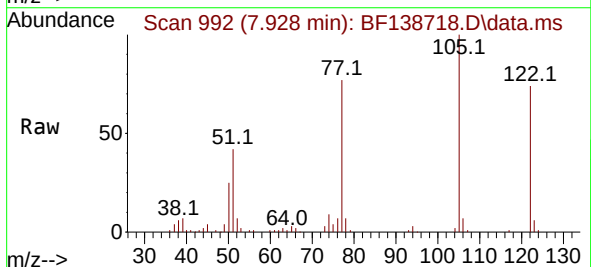
Manual Integrations
APPROVED

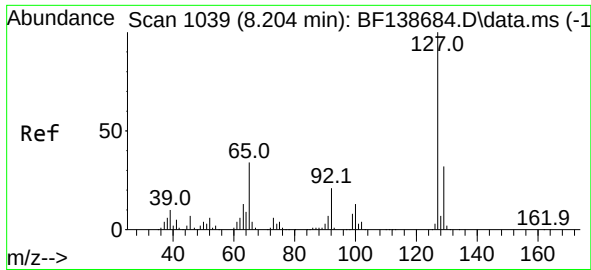
Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024



#32
Benzoic acid
Concen: 45.170 ng
RT: 7.928 min Scan# 992
Delta R.T. 0.024 min
Lab File: BF138718.D
Acq: 01 Aug 2024 11:49

Tgt Ion:122 Resp: 110459
Ion Ratio Lower Upper
122 100
105 134.2 106.7 146.7
77 103.1 81.1 121.1





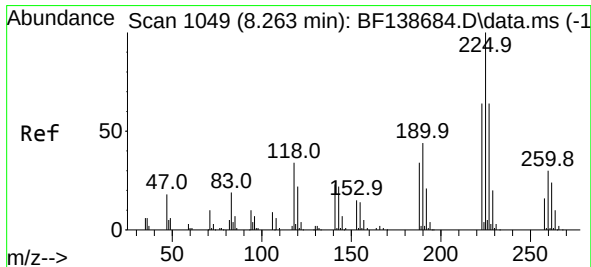
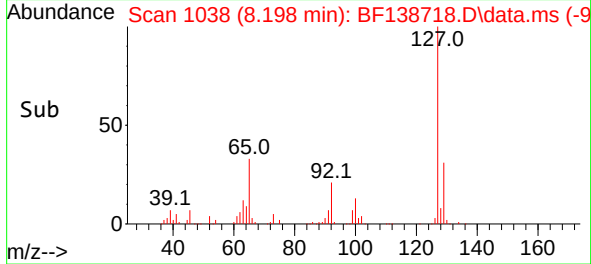
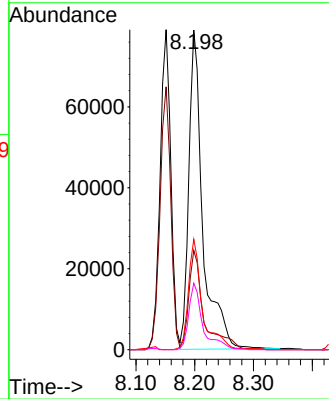
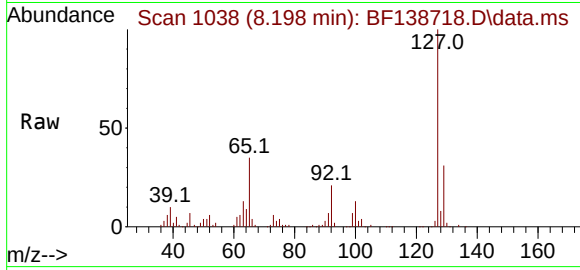
#33
4-Chloroaniline
Concen: 25.579 ng
RT: 8.198 min Scan# 1038
Delta R.T. -0.006 min
Lab File: BF138718.D
Acq: 01 Aug 2024 11:49

Instrument :
BNA_F
ClientSampleId :
OU4-PCS-01-072324MS

Tgt Ion:	127	Resp:	13123
Ion Ratio	Lower	Upper	
127	100		
129	31.1	25.9	38.9
65	34.6	27.6	41.4
92	20.8	16.8	25.2

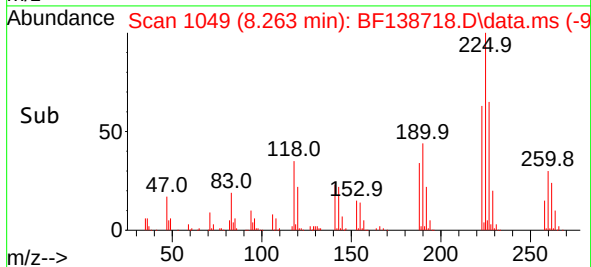
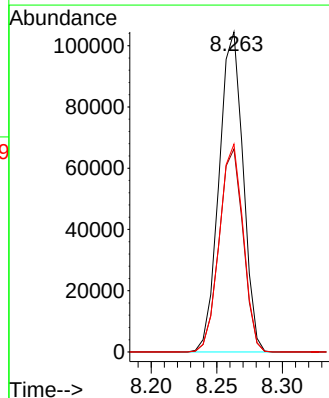
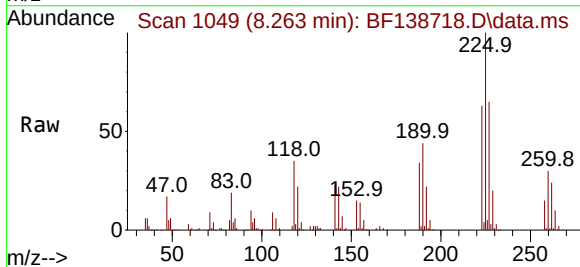
Manual Integrations
APPROVED

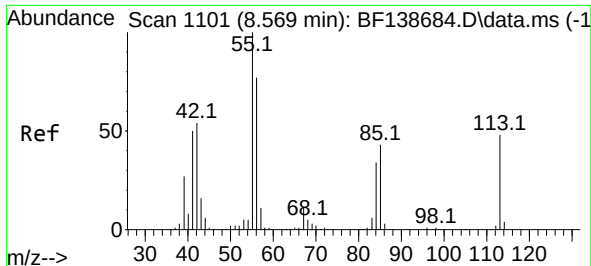
Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024



#34
Hexachlorobutadiene
Concen: 47.580 ng
RT: 8.263 min Scan# 1049
Delta R.T. 0.000 min
Lab File: BF138718.D
Acq: 01 Aug 2024 11:49

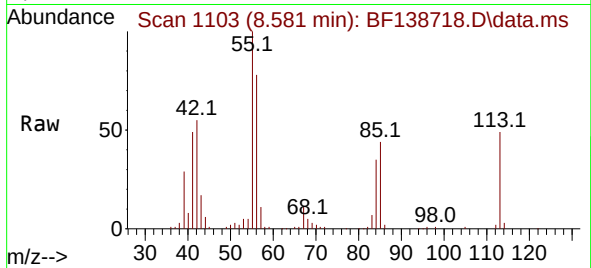
Tgt Ion:	225	Resp:	132946
Ion Ratio	Lower	Upper	
225	100		
223	63.4	51.2	76.8
227	64.9	51.1	76.7





#35
Caprolactam
Concen: 52.726 ng m
RT: 8.581 min Scan# 1103
Delta R.T. 0.012 min
Lab File: BF138718.D
Acq: 01 Aug 2024 11:49

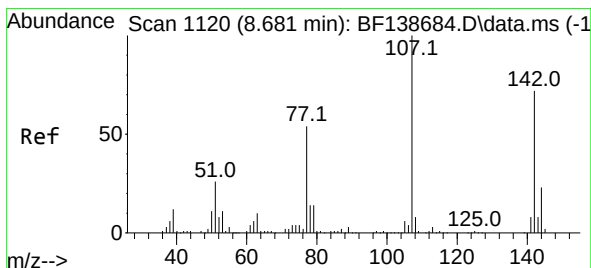
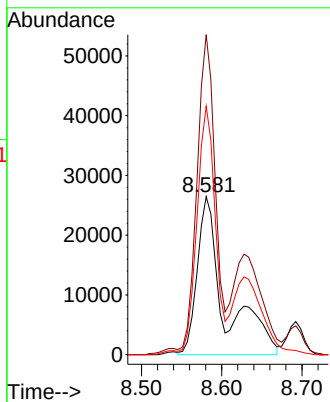
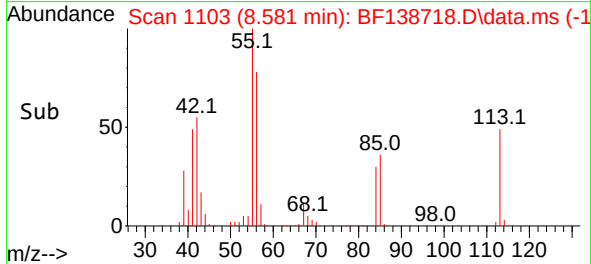
Instrument :
BNA_F
ClientSampleId :
OU4-PCS-01-072324MS



Tgt Ion:113 Resp: 6289
Ion Ratio Lower Upper
113 100
55 202.5 186.7 226.7
56 157.2 138.9 178.9

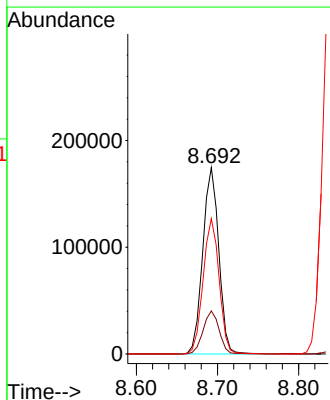
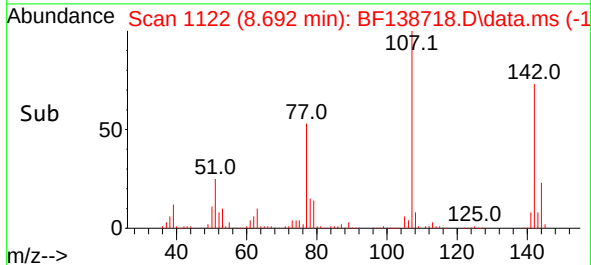
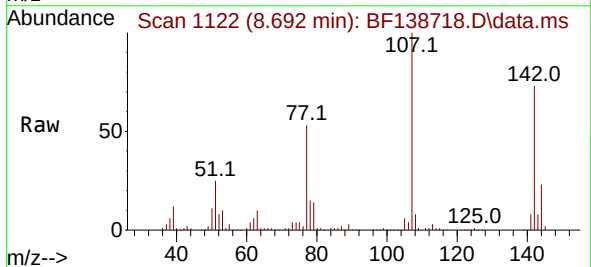
Manual Integrations
APPROVED

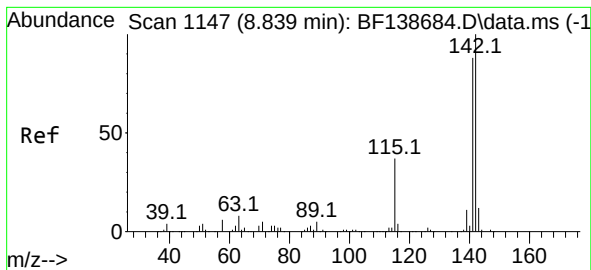
Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024



#36
4-Chloro-3-methylphenol
Concen: 52.442 ng
RT: 8.692 min Scan# 1122
Delta R.T. 0.012 min
Lab File: BF138718.D
Acq: 01 Aug 2024 11:49

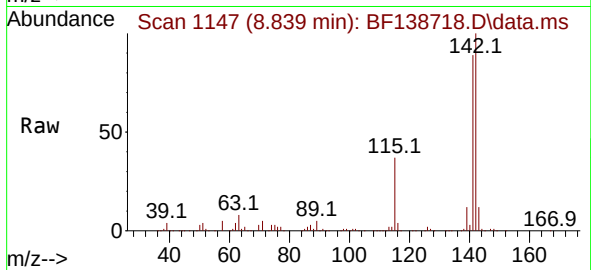
Tgt Ion:107 Resp: 239580
Ion Ratio Lower Upper
107 100
144 23.1 18.2 27.2
142 72.6 57.4 86.2





#37
2-Methylnaphthalene
Concen: 50.288 ng
RT: 8.839 min Scan# 1147
Delta R.T. 0.000 min
Lab File: BF138718.D
Acq: 01 Aug 2024 11:49

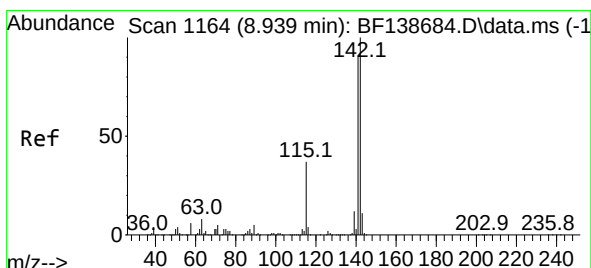
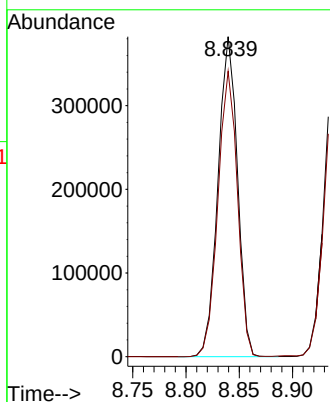
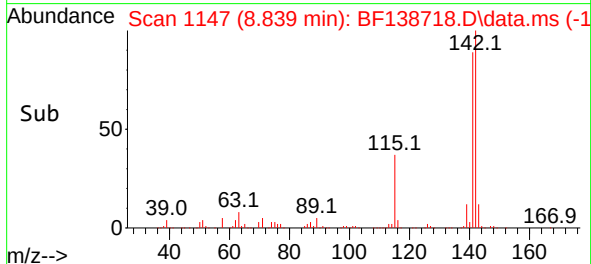
Instrument :
BNA_F
ClientSampleId :
OU4-PCS-01-072324MS



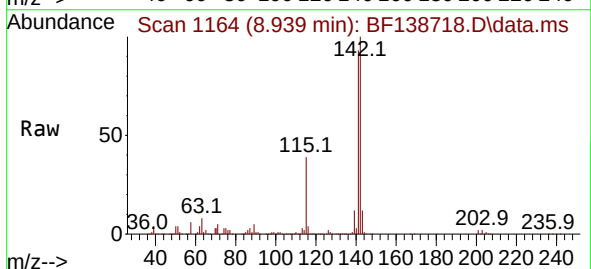
Tgt Ion:142 Resp: 485411
Ion Ratio Lower Upper
142 100
141 89.2 70.8 106.2

Manual Integrations
APPROVED

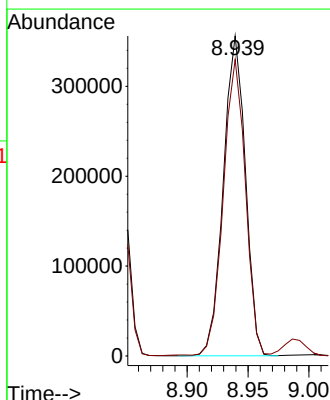
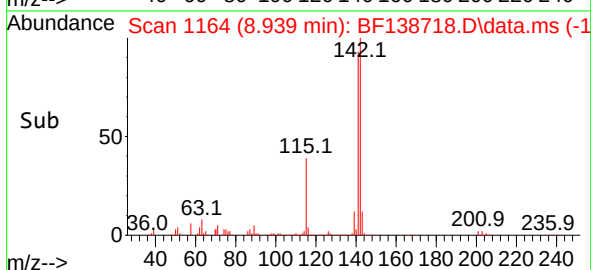
Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024

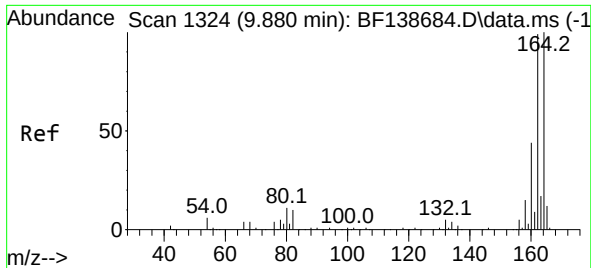


#38
1-Methylnaphthalene
Concen: 47.416 ng
RT: 8.939 min Scan# 1164
Delta R.T. 0.000 min
Lab File: BF138718.D
Acq: 01 Aug 2024 11:49



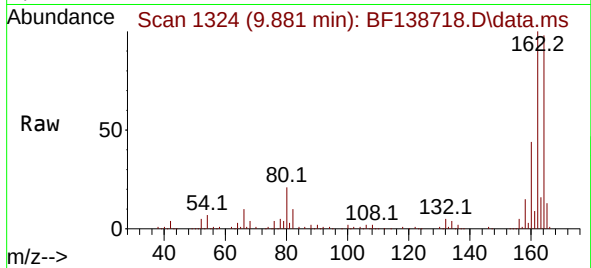
Tgt Ion:142 Resp: 448492
Ion Ratio Lower Upper
142 100
141 92.6 73.1 109.7





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.881 min Scan# 1175
Delta R.T. 0.001 min
Lab File: BF138718.D
Acq: 01 Aug 2024 11:49

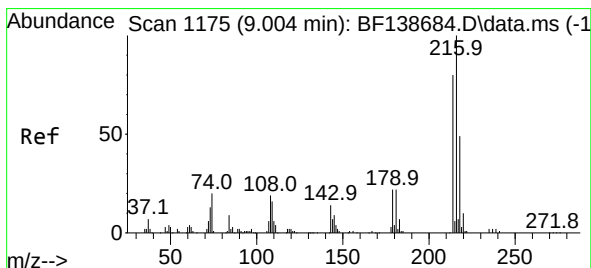
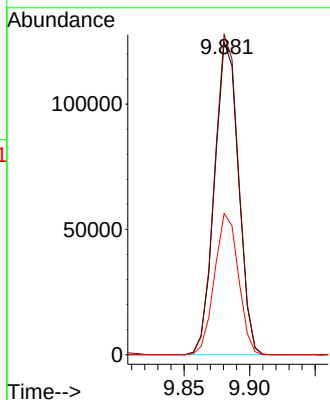
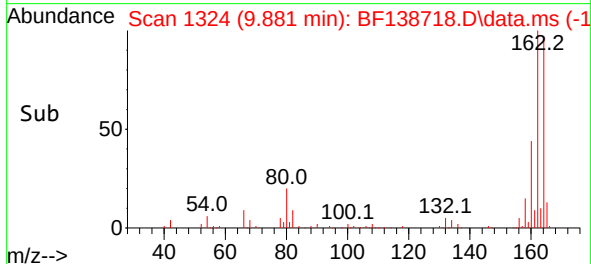
Instrument :
BNA_F
ClientSampleId :
OU4-PCS-01-072324MS



Tgt Ion:164 Resp: 15826
Ion Ratio Lower Upper
164 100
162 102.3 79.4 119.0
160 45.1 35.1 52.7

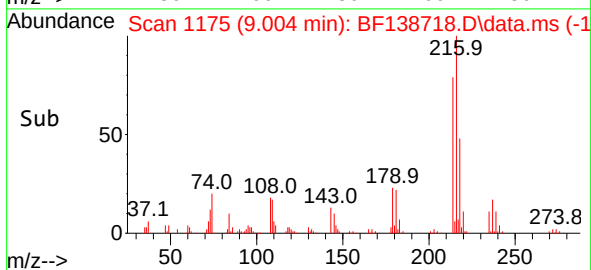
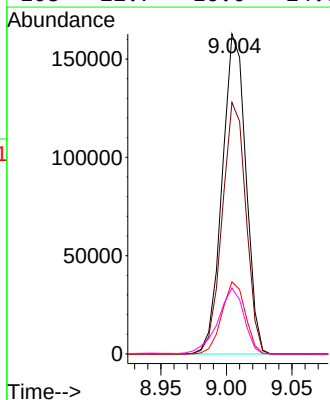
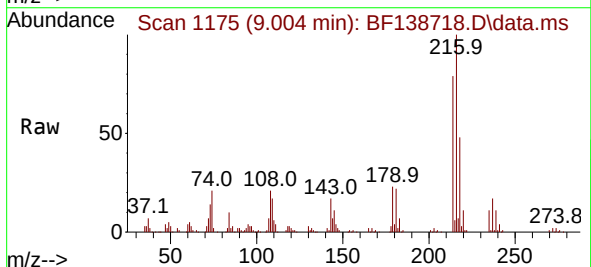
Manual Integrations
APPROVED

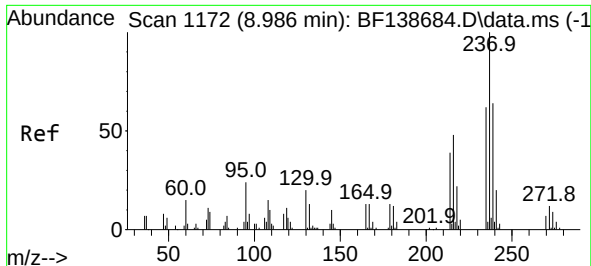
Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024



#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.534 ng
RT: 9.004 min Scan# 1175
Delta R.T. 0.000 min
Lab File: BF138718.D
Acq: 01 Aug 2024 11:49

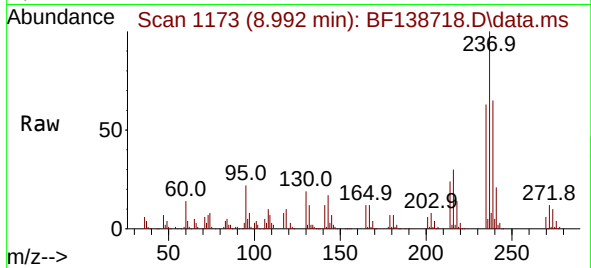
Tgt Ion:216 Resp: 204580
Ion Ratio Lower Upper
216 100
214 78.6 63.9 95.9
179 22.2 17.8 26.6
108 22.7 16.0 24.0





#41
Hexachlorocyclopentadiene
Concen: 150.654 ng
RT: 8.992 min Scan# 1173
Delta R.T. 0.006 min
Lab File: BF138718.D
Acq: 01 Aug 2024 11:49

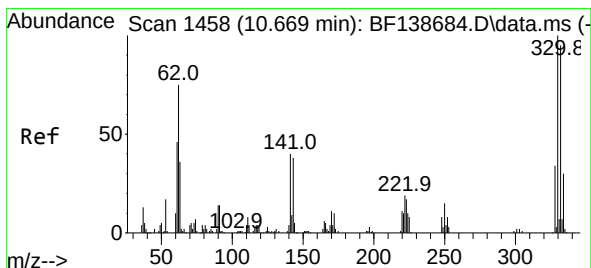
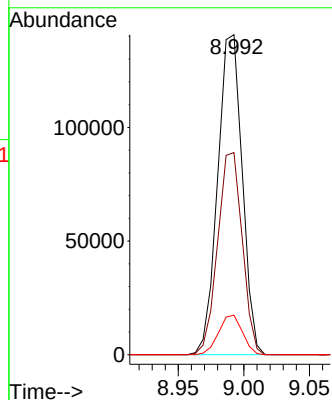
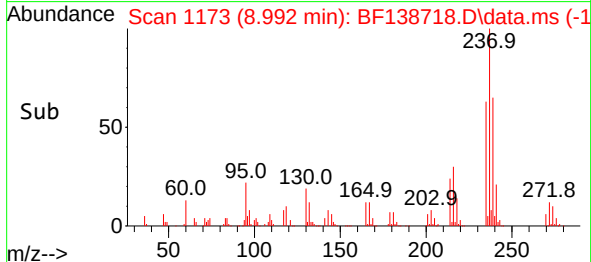
Instrument :
BNA_F
ClientSampleId :
OU4-PCS-01-072324MS



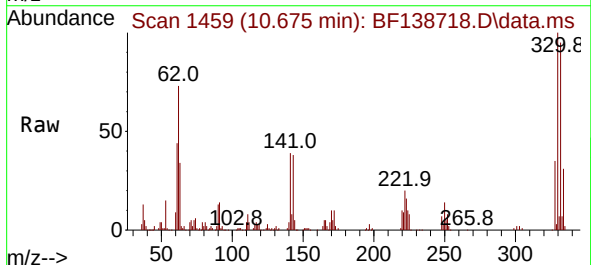
Tgt Ion:237 Resp: 183149
Ion Ratio Lower Upper
237 100
235 63.2 41.8 81.8
272 12.3 0.0 32.2

Manual Integrations
APPROVED

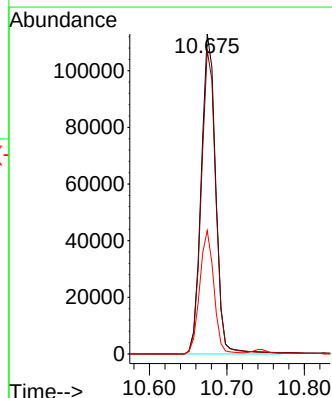
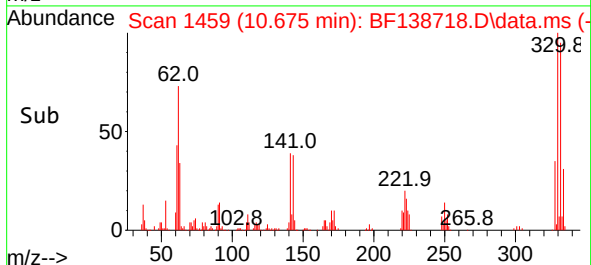
Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024

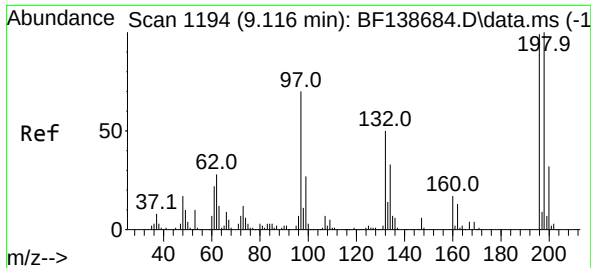


#42
2,4,6-Tribromophenol
Concen: 113.478 ng
RT: 10.675 min Scan# 1459
Delta R.T. 0.006 min
Lab File: BF138718.D
Acq: 01 Aug 2024 11:49



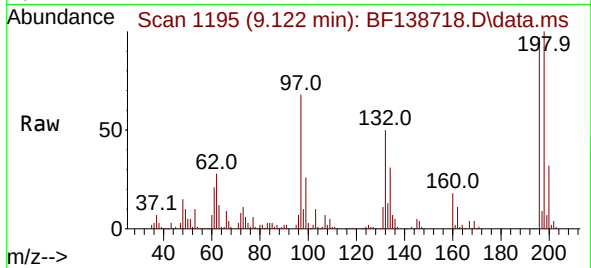
Tgt Ion:330 Resp: 147111
Ion Ratio Lower Upper
330 100
332 96.0 76.4 114.6
141 37.7 31.1 46.7





#43
2,4,6-Trichlorophenol
Concen: 51.361 ng
RT: 9.122 min Scan# 1194
Delta R.T. 0.006 min
Lab File: BF138718.D
Acq: 01 Aug 2024 11:49

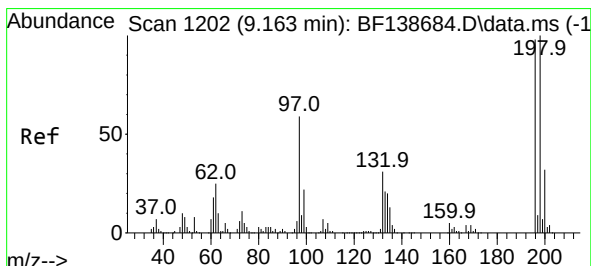
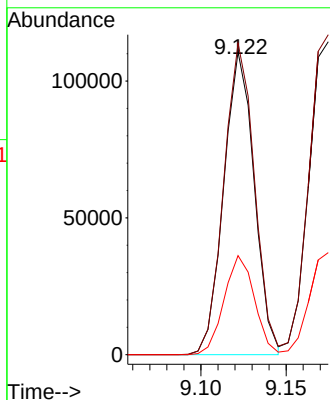
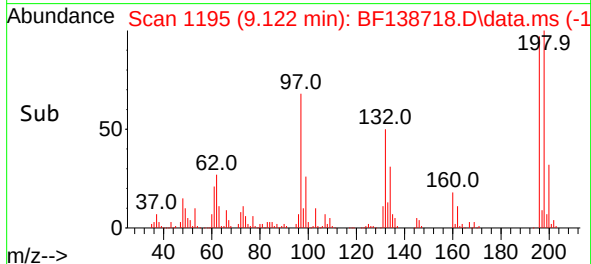
Instrument :
BNA_F
ClientSampleId :
OU4-PCS-01-072324MS



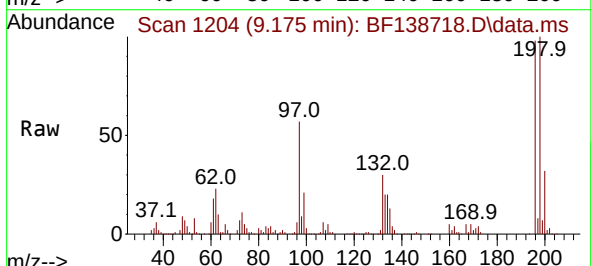
Tgt Ion:196 Resp: 13767
Ion Ratio Lower Upper
196 100
198 102.9 80.5 120.7
200 32.7 25.9 38.9

Manual Integrations
APPROVED

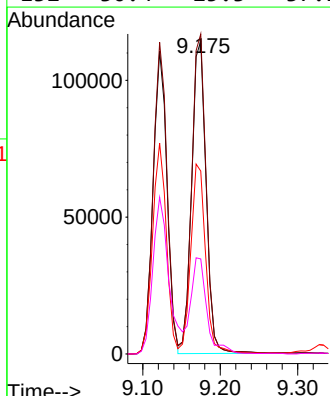
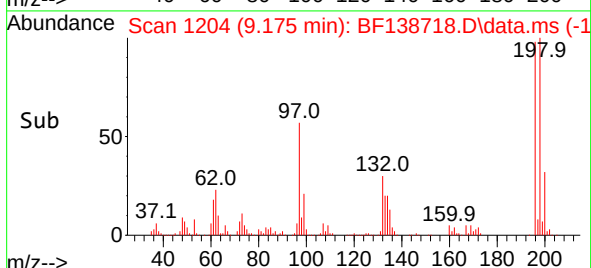
Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024

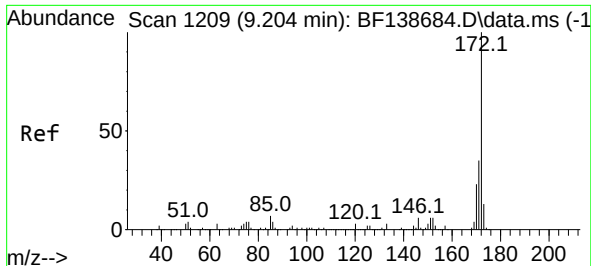


#44
2,4,5-Trichlorophenol
Concen: 50.399 ng
RT: 9.175 min Scan# 1204
Delta R.T. 0.012 min
Lab File: BF138718.D
Acq: 01 Aug 2024 11:49



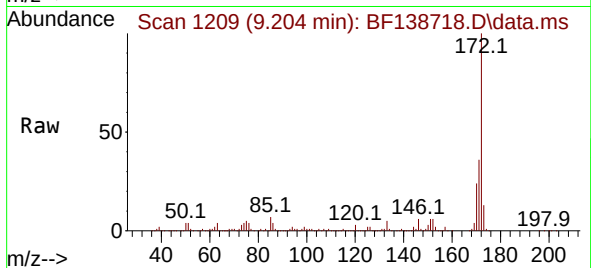
Tgt Ion:196 Resp: 147687
Ion Ratio Lower Upper
196 100
198 102.2 81.2 121.8
97 58.4 47.8 71.6
132 30.4 25.3 37.9





#45
2-Fluorobiphenyl
Concen: 68.670 ng
RT: 9.204 min Scan# 1209
Delta R.T. 0.000 min
Lab File: BF138718.D
Acq: 01 Aug 2024 11:49

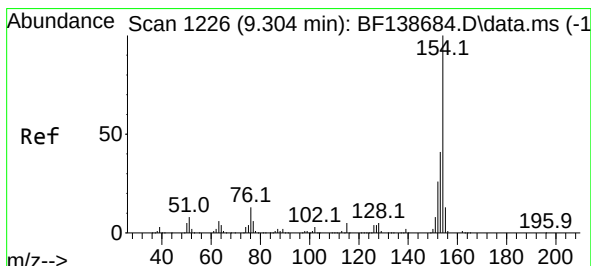
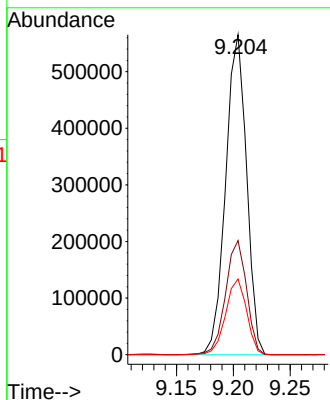
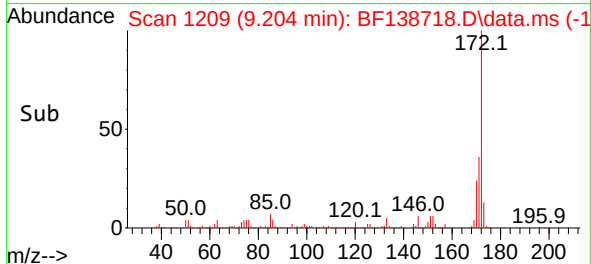
Instrument :
BNA_F
ClientSampleId :
OU4-PCS-01-072324MS



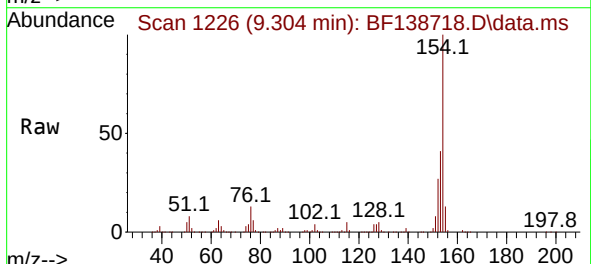
Tgt Ion:172 Resp: 723319
Ion Ratio Lower Upper
172 100
171 35.6 28.3 42.5
170 23.6 18.8 28.2

Manual Integrations
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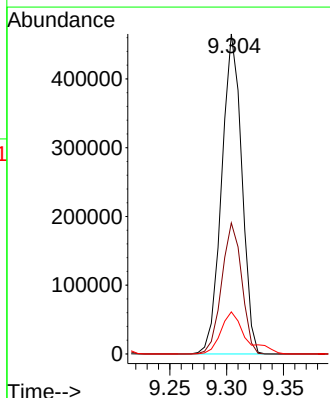
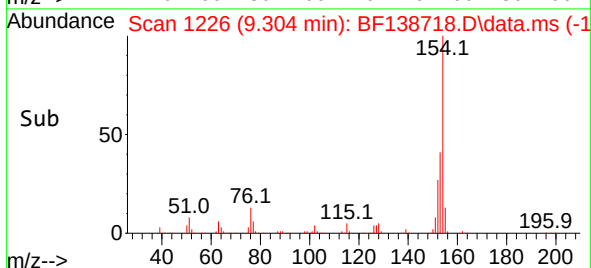
Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024

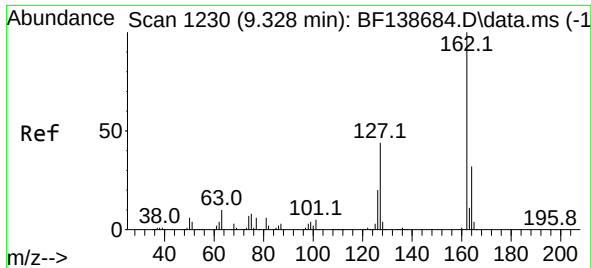


#46
1,1'-Biphenyl
Concen: 46.317 ng
RT: 9.304 min Scan# 1226
Delta R.T. 0.000 min
Lab File: BF138718.D
Acq: 01 Aug 2024 11:49



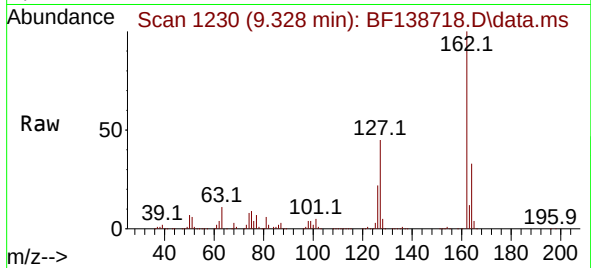
Tgt Ion:154 Resp: 574095
Ion Ratio Lower Upper
154 100
153 41.0 20.8 60.8
76 13.2 0.0 32.8





#47
2-Chloronaphthalene
Concen: 48.692 ng
RT: 9.328 min Scan# 1230
Delta R.T. 0.000 min
Lab File: BF138718.D
Acq: 01 Aug 2024 11:49

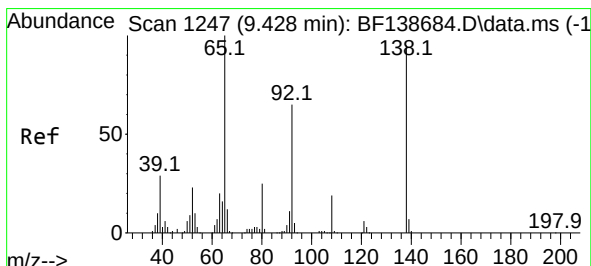
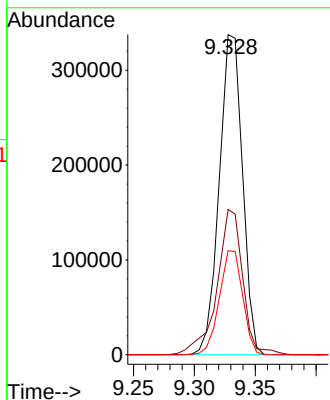
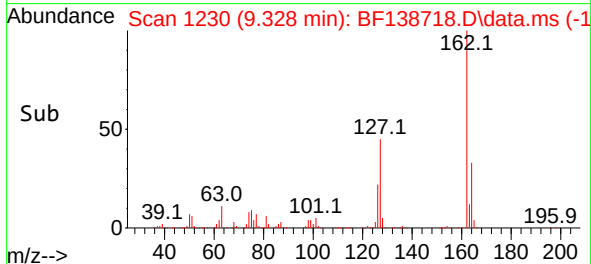
Instrument :
BNA_F
ClientSampleId :
OU4-PCS-01-072324MS



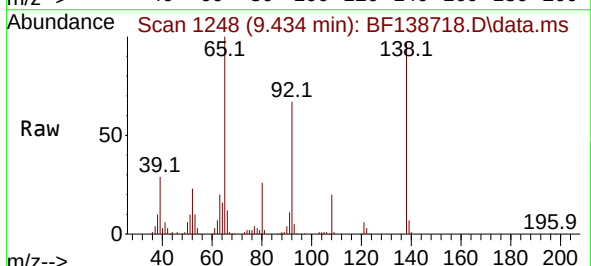
Tgt Ion:162 Resp: 44886
Ion Ratio Lower Upper
162 100
127 45.4 35.4 53.2
164 32.5 25.6 38.4

Manual Integrations
APPROVED

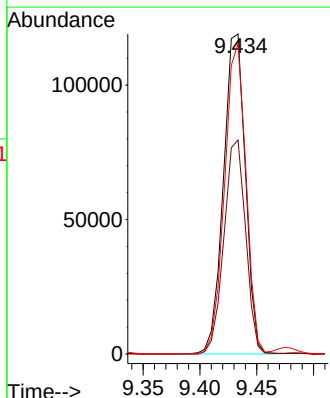
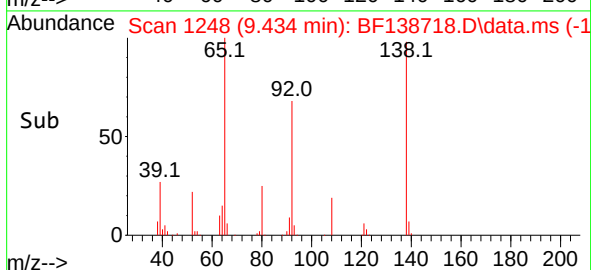
Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024

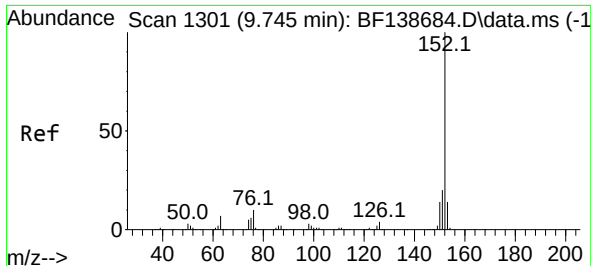


#48
2-Nitroaniline
Concen: 51.250 ng
RT: 9.434 min Scan# 1248
Delta R.T. 0.006 min
Lab File: BF138718.D
Acq: 01 Aug 2024 11:49



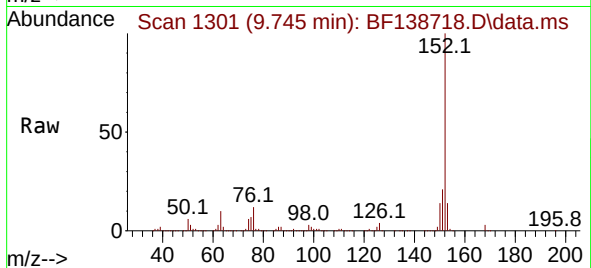
Tgt Ion: 65 Resp: 160164
Ion Ratio Lower Upper
65 100
92 66.8 52.0 78.0
138 97.0 76.2 114.4





#49
Acenaphthylene
Concen: 54.046 ng
RT: 9.745 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF138718.D
Acq: 01 Aug 2024 11:49

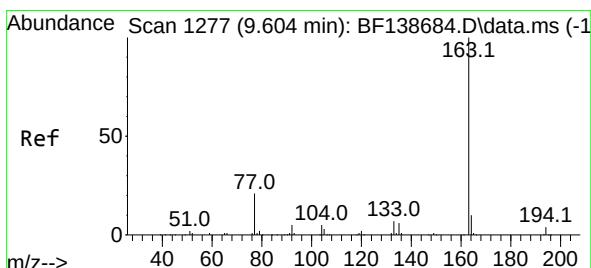
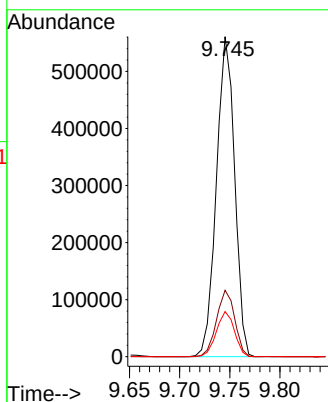
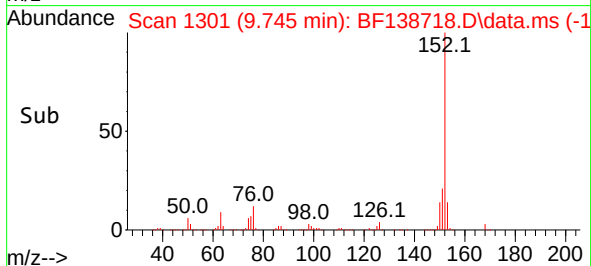
Instrument :
BNA_F
ClientSampleId :
OU4-PCS-01-072324MS



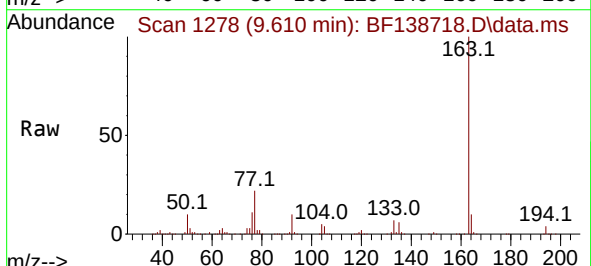
Tgt Ion:152 Resp: 706625
Ion Ratio Lower Upper
152 100
151 20.7 16.0 24.0
153 14.1 11.0 16.4

Manual Integrations
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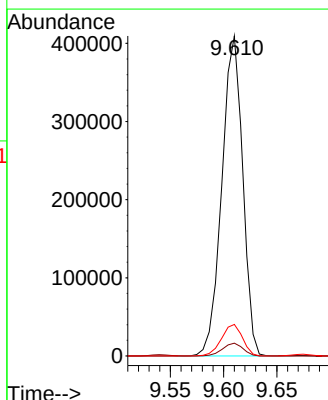
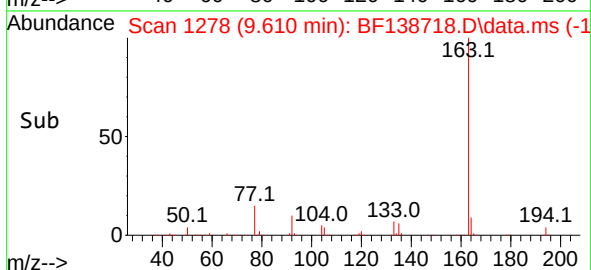
Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024

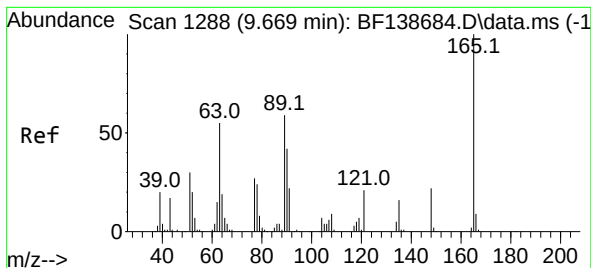


#50
Dimethylphthalate
Concen: 55.067 ng
RT: 9.610 min Scan# 1278
Delta R.T. 0.006 min
Lab File: BF138718.D
Acq: 01 Aug 2024 11:49



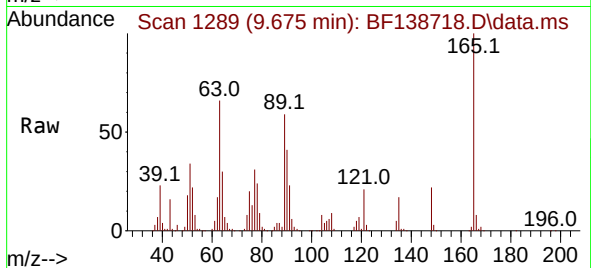
Tgt Ion:163 Resp: 557252
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 9.9 7.8 11.8





#51
2,6-Dinitrotoluene
Concen: 51.843 ng
RT: 9.675 min Scan# 118398
Delta R.T. 0.006 min
Lab File: BF138718.D
Acq: 01 Aug 2024 11:49

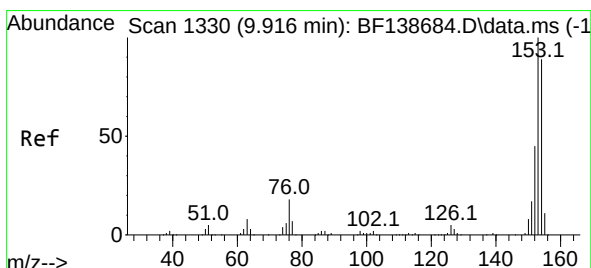
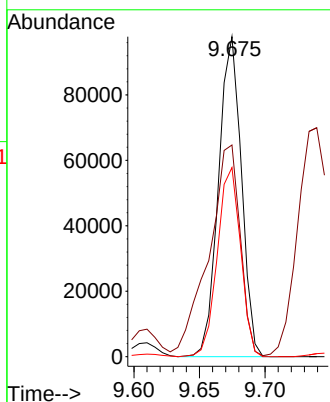
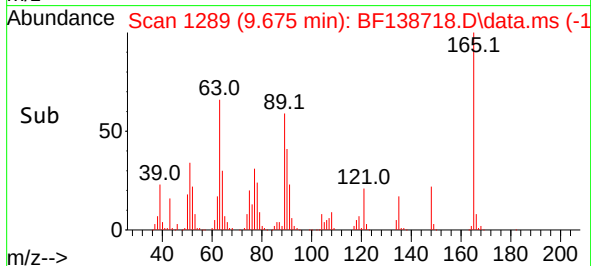
Instrument :
BNA_F
ClientSampleId :
OU4-PCS-01-072324MS



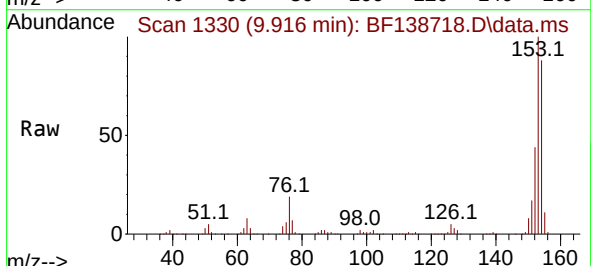
Tgt Ion:165 Resp: 118398
Ion Ratio Lower Upper
165 100
63 66.2 52.0 78.0
89 59.1 47.0 70.6

Manual Integrations
APPROVED

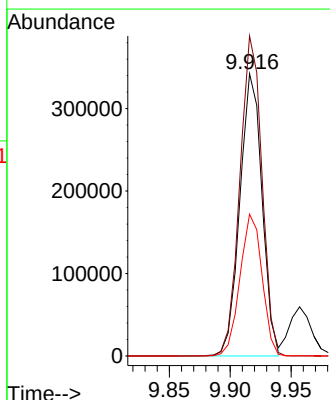
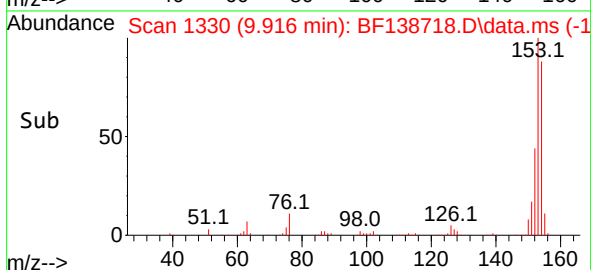
Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024

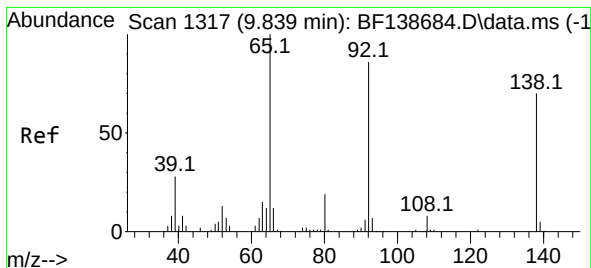


#52
Acenaphthene
Concen: 49.454 ng
RT: 9.916 min Scan# 1330
Delta R.T. 0.000 min
Lab File: BF138718.D
Acq: 01 Aug 2024 11:49



Tgt Ion:154 Resp: 434642
Ion Ratio Lower Upper
154 100
153 113.4 89.9 134.9
152 50.3 40.6 60.8





#53

3-Nitroaniline

Concen: 32.230 ng

RT: 9.839 min Scan# 1317

Delta R.T. 0.000 min

Lab File: BF138718.D

Acq: 01 Aug 2024 11:49

Instrument :

BNA_F

ClientSampleId :

OU4-PCS-01-072324MS

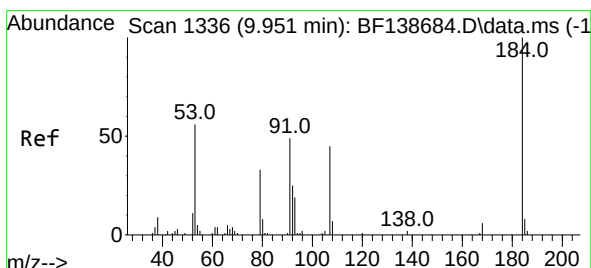
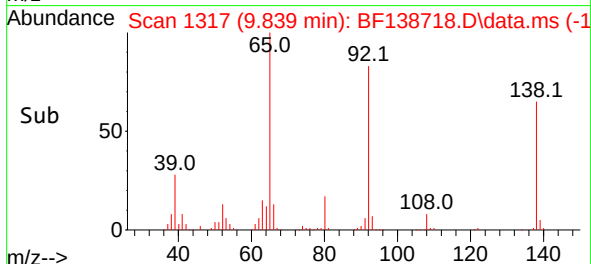
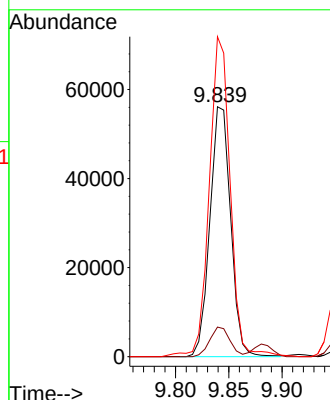
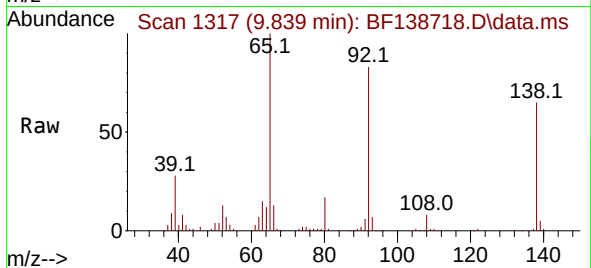
Tgt Ion:138 Resp: 7609

Ion	Ratio	Lower	Upper
138	100		
108	11.8	9.1	13.7
92	128.1	98.7	148.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024



#54

2,4-Dinitrophenol

Concen: 108.763 ng

RT: 9.957 min Scan# 1337

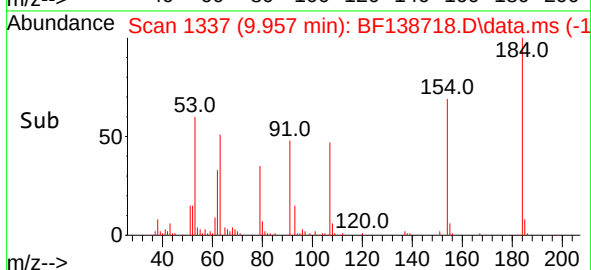
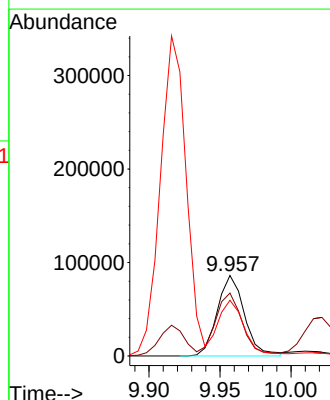
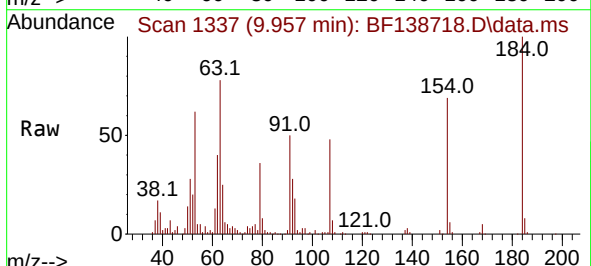
Delta R.T. 0.006 min

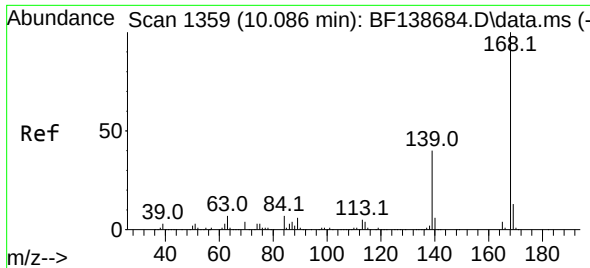
Lab File: BF138718.D

Acq: 01 Aug 2024 11:49

Tgt Ion:184 Resp: 114342

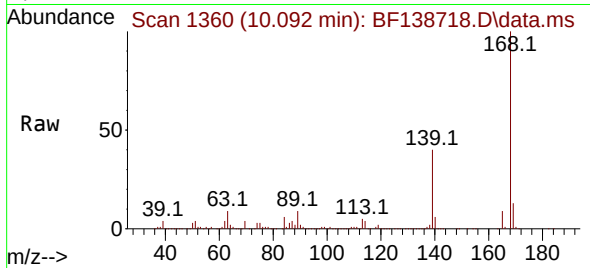
Ion	Ratio	Lower	Upper
184	100		
63	78.3	57.5	86.3
154	69.3	51.7	77.5





#55
Dibenzenofuran
Concen: 51.542 ng
RT: 10.092 min Scan# 1359
Delta R.T. 0.006 min
Lab File: BF138718.D
Acq: 01 Aug 2024 11:49

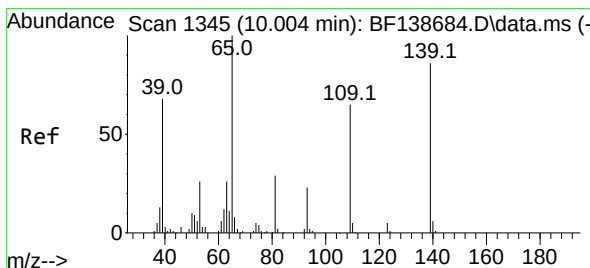
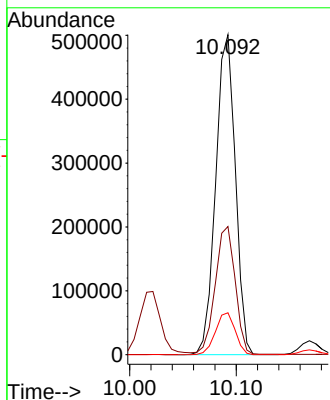
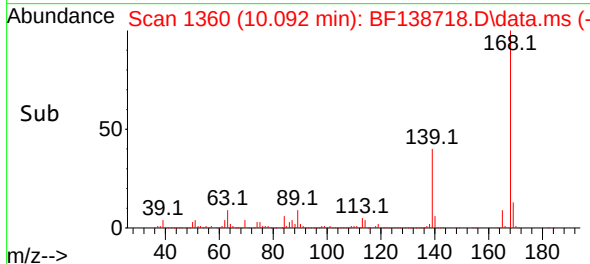
Instrument :
BNA_F
ClientSampleId :
OU4-PCS-01-072324MS



Tgt Ion:168 Resp: 639454
Ion Ratio Lower Upper
168 100
139 40.1 32.6 49.0
169 13.1 10.7 16.1

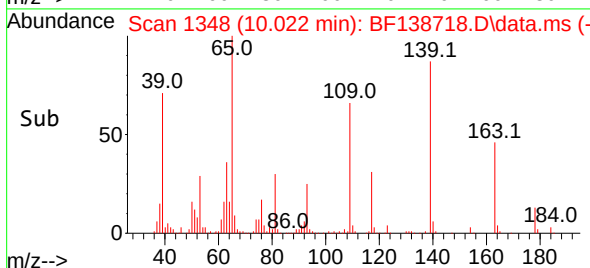
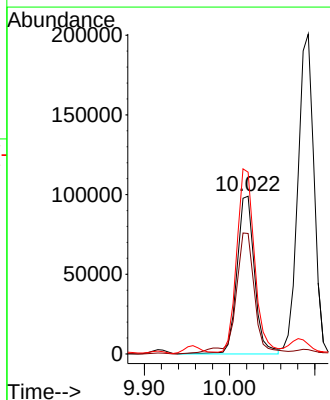
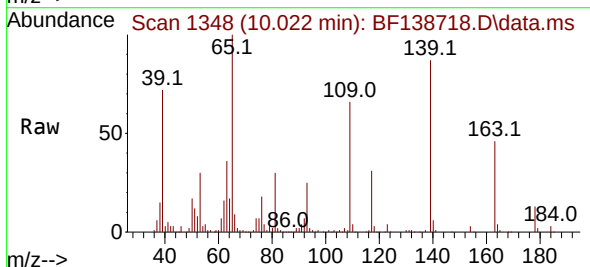
Manual Integrations
APPROVED

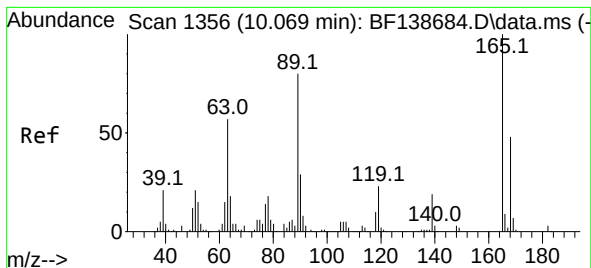
Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024



#56
4-Nitrophenol
Concen: 99.328 ng
RT: 10.022 min Scan# 1348
Delta R.T. 0.018 min
Lab File: BF138718.D
Acq: 01 Aug 2024 11:49

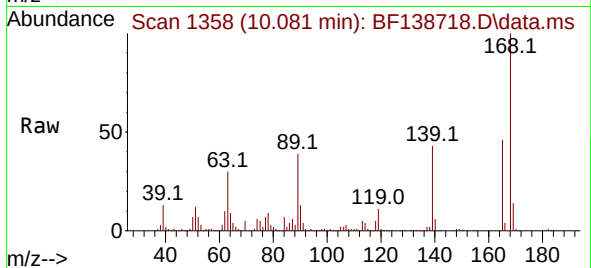
Tgt Ion:139 Resp: 141020
Ion Ratio Lower Upper
139 100
109 76.3 55.5 95.5
65 115.2 96.7 136.7





#57
2,4-Dinitrotoluene
Concen: 52.232 ng
RT: 10.081 min Scan# 1358
Delta R.T. 0.012 min
Lab File: BF138718.D
Acq: 01 Aug 2024 11:49

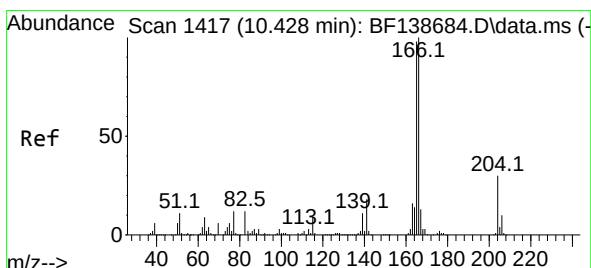
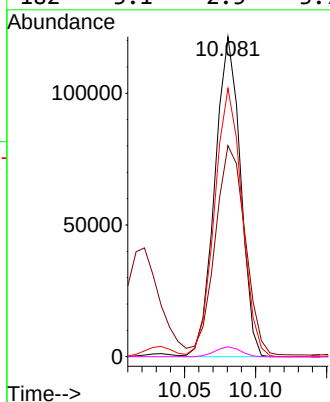
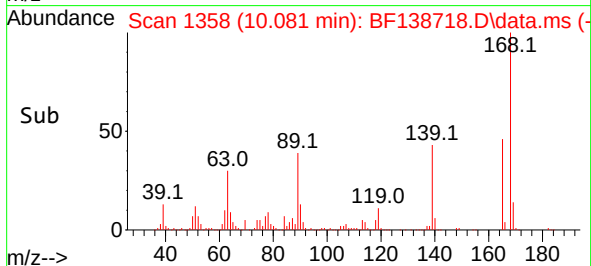
Instrument :
BNA_F
ClientSampleId :
OU4-PCS-01-072324MS



Tgt Ion:165 Resp: 152190
Ion Ratio Lower Upper
165 100
63 65.9 46.3 69.5
89 83.8 64.2 96.4
182 3.1 2.5 3.7

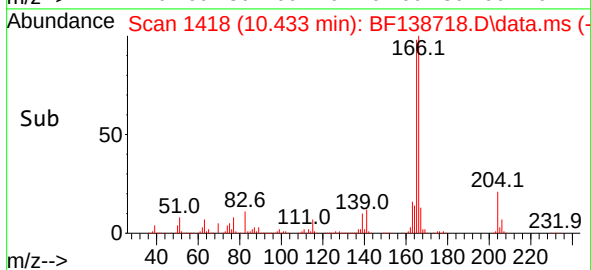
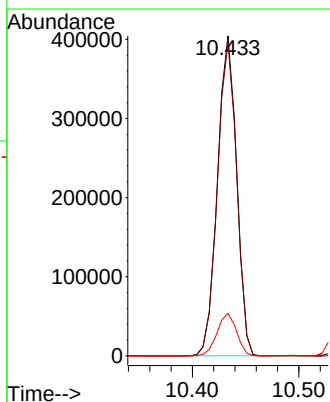
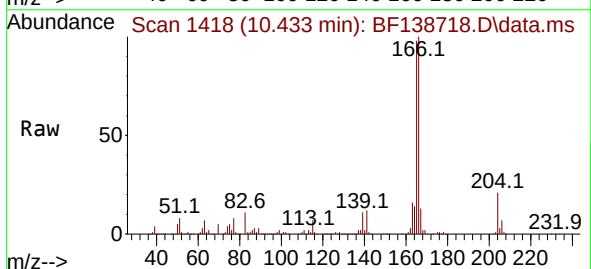
Manual Integrations
APPROVED

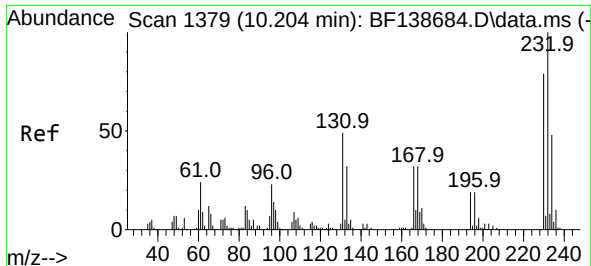
Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024



#58
Fluorene
Concen: 51.079 ng
RT: 10.433 min Scan# 1418
Delta R.T. 0.006 min
Lab File: BF138718.D
Acq: 01 Aug 2024 11:49

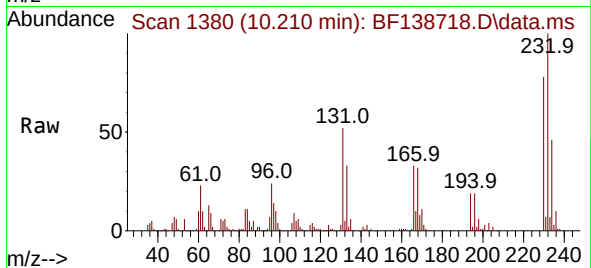
Tgt Ion:166 Resp: 504647
Ion Ratio Lower Upper
166 100
165 97.9 78.4 117.6
167 13.3 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 54.110 ng
RT: 10.210 min Scan# 1380
Delta R.T. 0.006 min
Lab File: BF138718.D
Acq: 01 Aug 2024 11:49

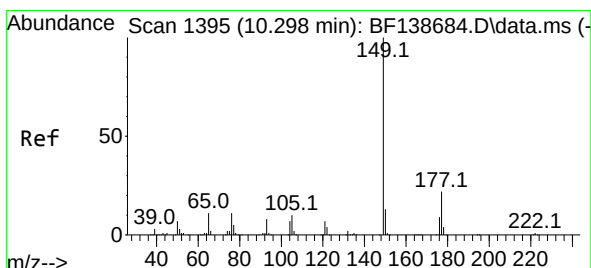
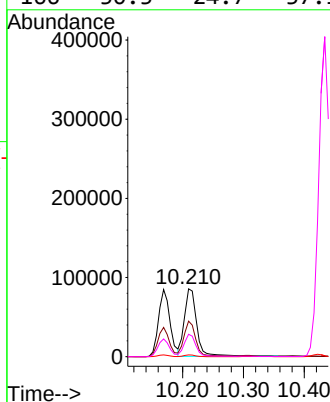
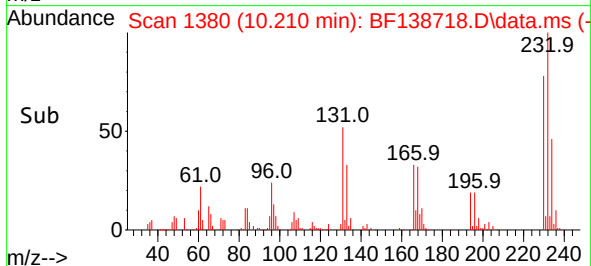
Instrument :
BNA_F
ClientSampleId :
OU4-PCS-01-072324MS



Tgt Ion:232 Resp: 121221
Ion Ratio Lower Upper
232 100
131 49.5 37.0 55.4
130 2.4 2.0 3.0
166 30.3 24.7 37.1

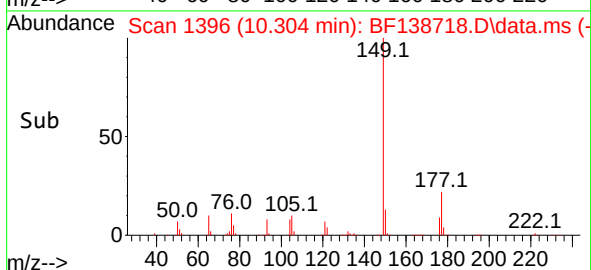
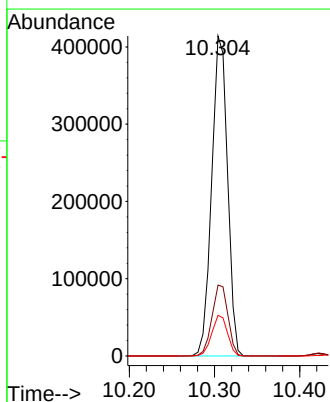
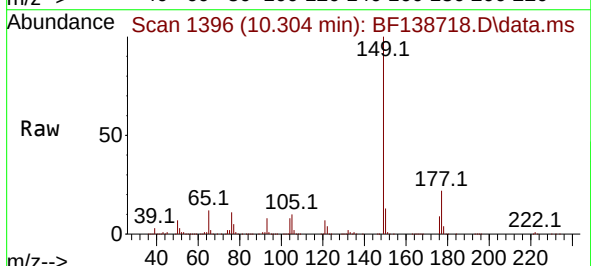
Manual Integrations
APPROVED

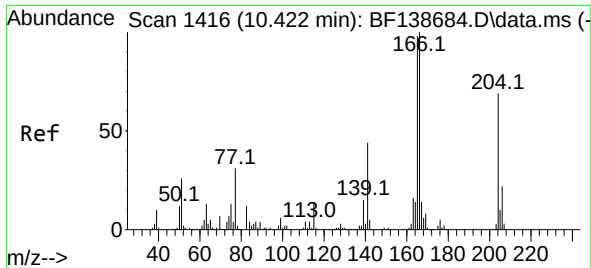
Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024



#60
Diethylphthalate
Concen: 55.678 ng
RT: 10.304 min Scan# 1396
Delta R.T. 0.006 min
Lab File: BF138718.D
Acq: 01 Aug 2024 11:49

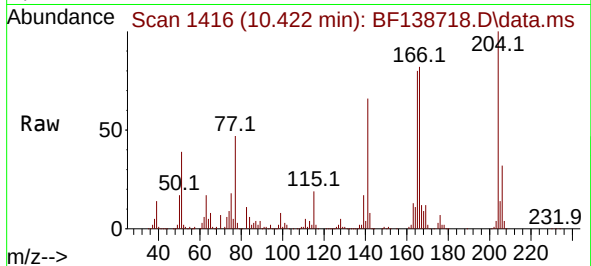
Tgt Ion:149 Resp: 534228
Ion Ratio Lower Upper
149 100
177 22.2 17.8 26.8
150 12.7 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 52.007 ng
RT: 10.422 min Scan# 1416
Delta R.T. 0.000 min
Lab File: BF138718.D
Acq: 01 Aug 2024 11:49

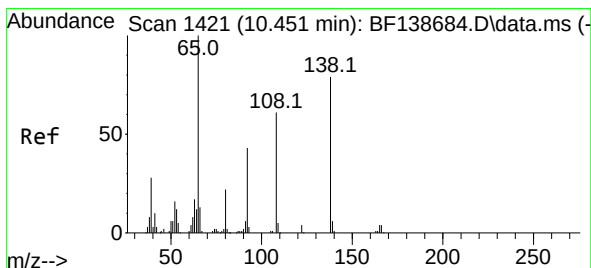
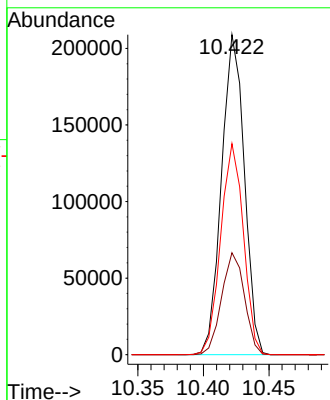
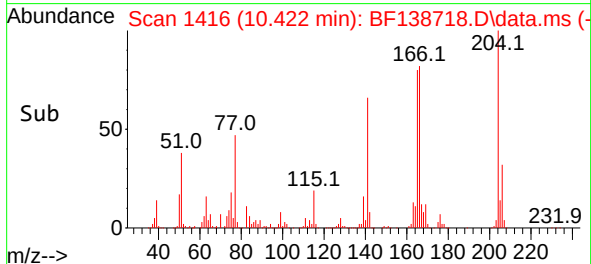
Instrument :
BNA_F
ClientSampleId :
OU4-PCS-01-072324MS



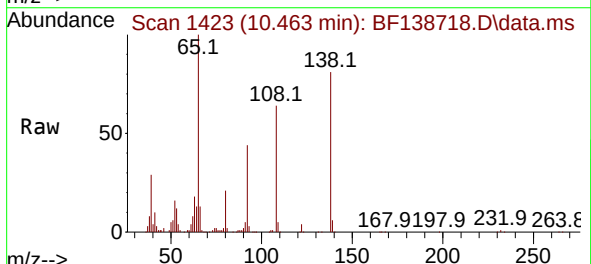
Tgt Ion:204 Resp: 252704
Ion Ratio Lower Upper
204 100
206 31.8 26.1 39.1
141 66.0 51.4 77.0

Manual Integrations
APPROVED

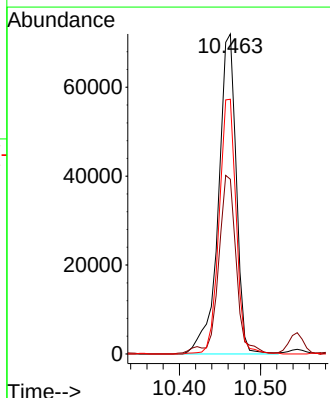
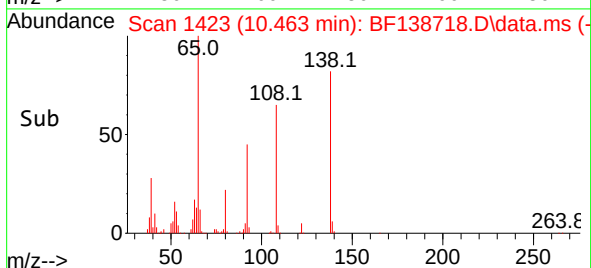
Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024

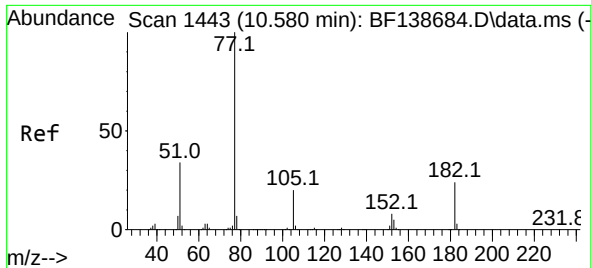


#62
4-Nitroaniline
Concen: 49.195 ng
RT: 10.463 min Scan# 1423
Delta R.T. 0.012 min
Lab File: BF138718.D
Acq: 01 Aug 2024 11:49



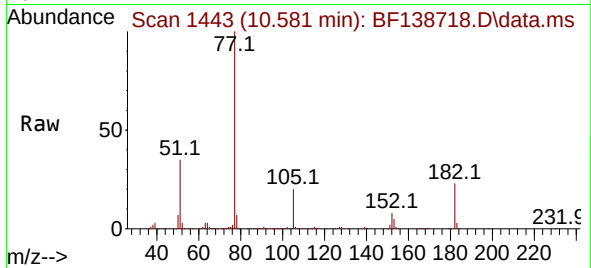
Tgt Ion:138 Resp: 110375
Ion Ratio Lower Upper
138 100
92 54.6 34.2 74.2
108 79.6 56.2 96.2





#63
Azobenzene
Concen: 53.764 ng
RT: 10.581 min Scan# 1443
Delta R.T. 0.000 min
Lab File: BF138718.D
Acq: 01 Aug 2024 11:49

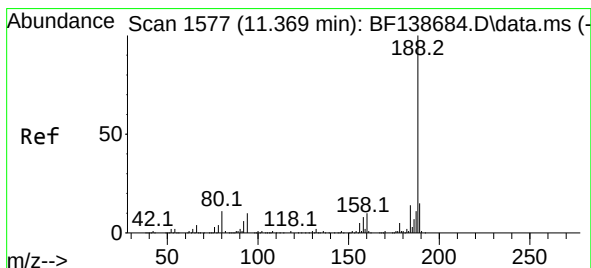
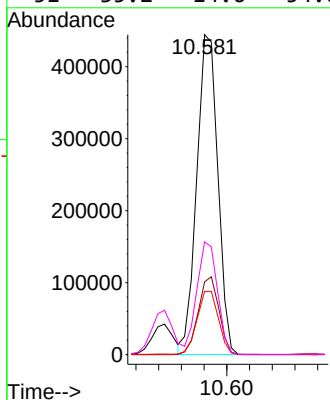
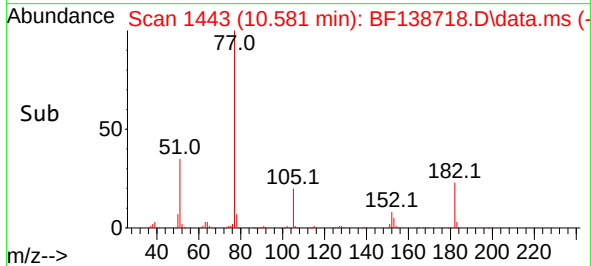
Instrument :
BNA_F
ClientSampleId :
OU4-PCS-01-072324MS



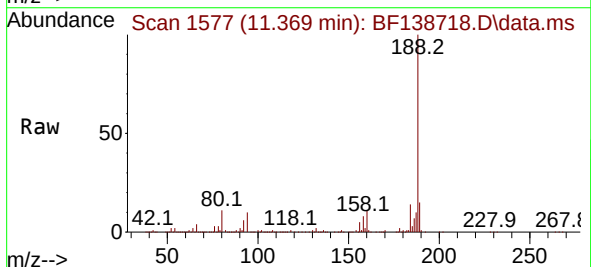
Tgt Ion: 77 Resp: 57214
Ion Ratio Lower Upper
77 100
182 22.7 3.4 43.4
105 19.8 0.2 40.2
51 35.2 14.6 54.6

Manual Integrations
APPROVED

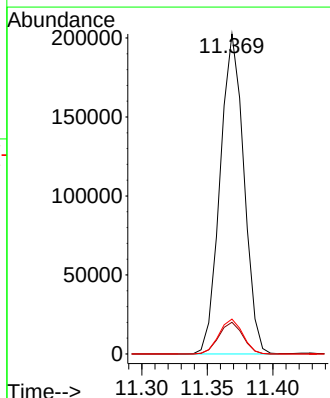
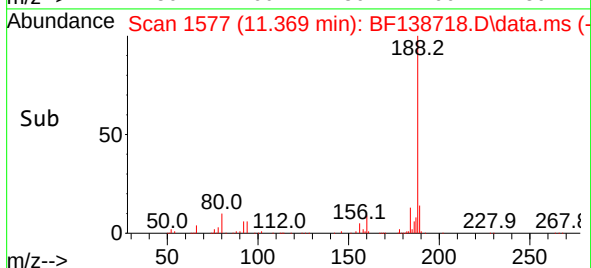
Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024

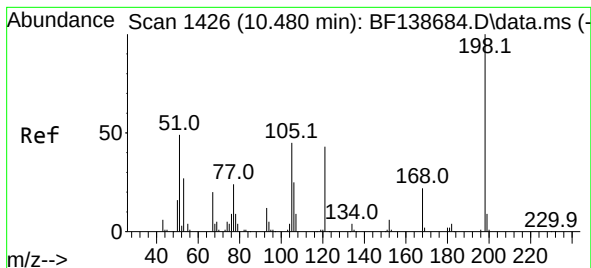


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.369 min Scan# 1577
Delta R.T. 0.000 min
Lab File: BF138718.D
Acq: 01 Aug 2024 11:49



Tgt Ion:188 Resp: 255483
Ion Ratio Lower Upper
188 100
94 9.9 7.6 11.4
80 10.9 8.6 12.8





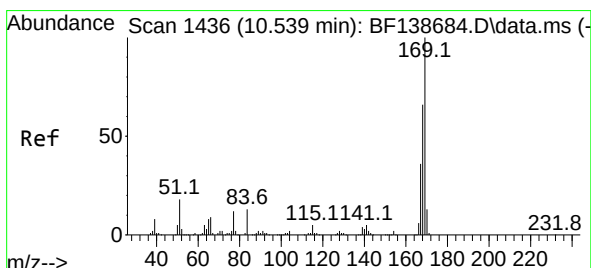
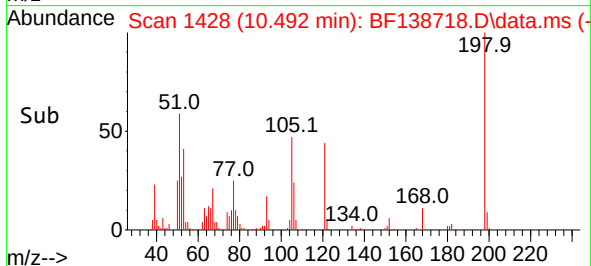
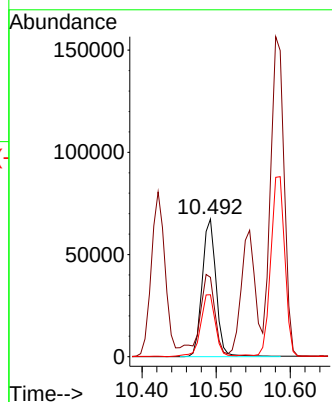
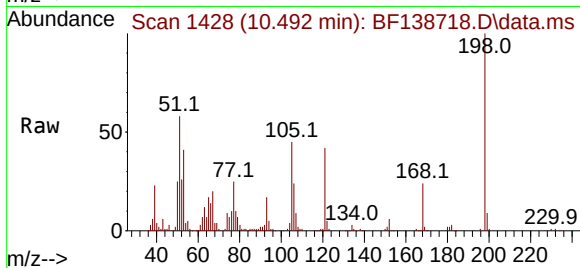
#65
4,6-Dinitro-2-methylphenol
Concen: 56.304 ng
RT: 10.492 min Scan# 1426
Delta R.T. 0.012 min
Lab File: BF138718.D
Acq: 01 Aug 2024 11:49

Instrument :
BNA_F
ClientSampleId :
OU4-PCS-01-072324MS

Tgt Ion:198 Resp: 87759
Ion Ratio Lower Upper
198 100
51 57.7 39.9 79.9
105 45.0 26.1 66.1

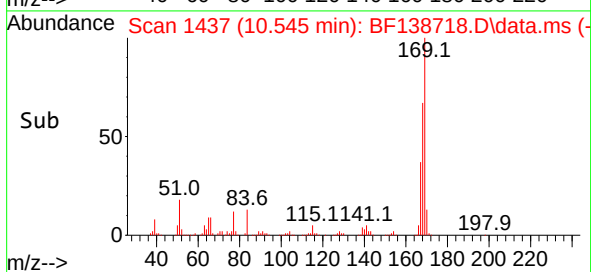
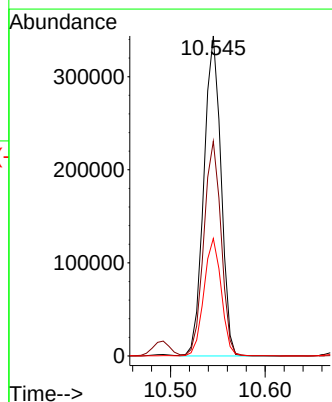
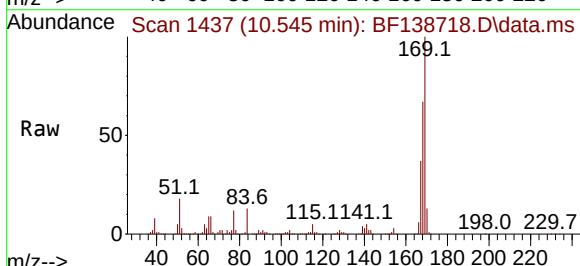
Manual Integrations
APPROVED

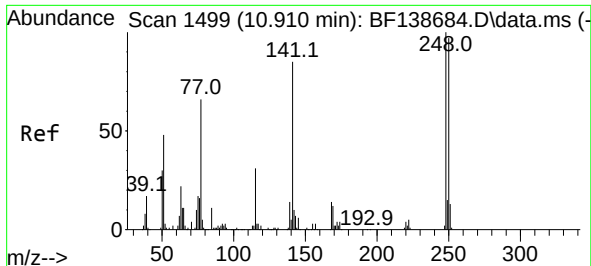
Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024



#66
n-Nitrosodiphenylamine
Concen: 53.974 ng
RT: 10.545 min Scan# 1437
Delta R.T. 0.006 min
Lab File: BF138718.D
Acq: 01 Aug 2024 11:49

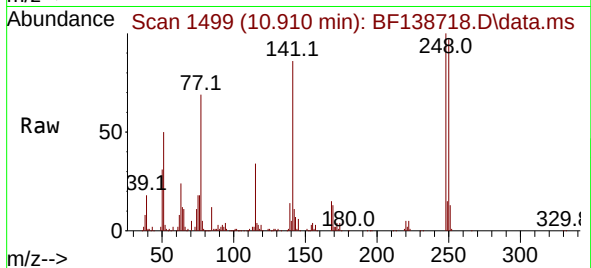
Tgt Ion:169 Resp: 431026
Ion Ratio Lower Upper
169 100
168 67.1 53.0 79.6
167 36.7 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 53.587 ng
RT: 10.910 min Scan# 1499
Delta R.T. 0.000 min
Lab File: BF138718.D
Acq: 01 Aug 2024 11:49

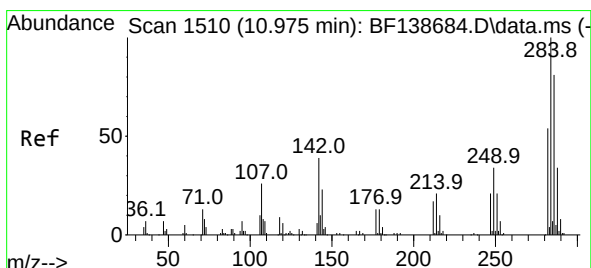
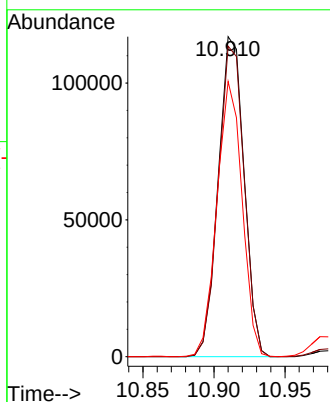
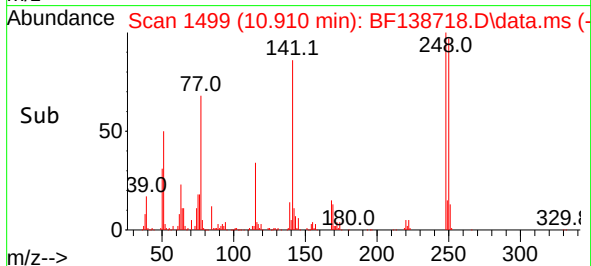
Instrument :
BNA_F
ClientSampleId :
OU4-PCS-01-072324MS



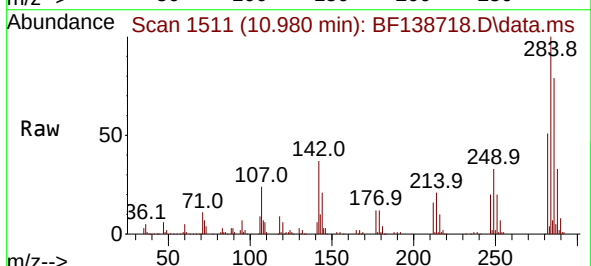
Tgt Ion:248 Resp: 148220
Ion Ratio Lower Upper
248 100
250 97.0 77.7 116.5
141 86.0 68.0 102.0

Manual Integrations
APPROVED

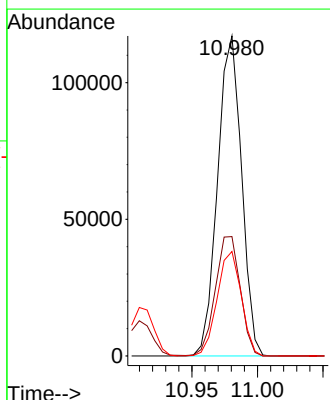
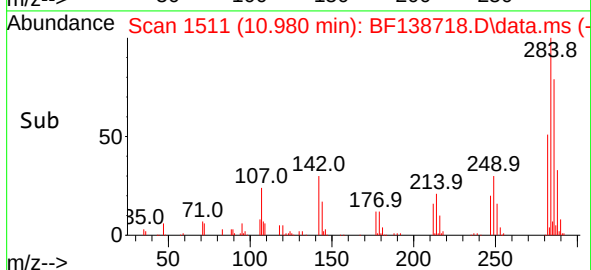
Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024

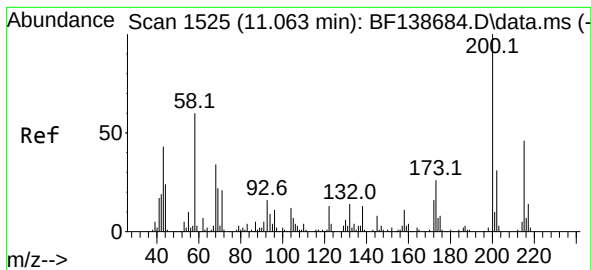


#68
Hexachlorobenzene
Concen: 52.046 ng
RT: 10.980 min Scan# 1511
Delta R.T. 0.006 min
Lab File: BF138718.D
Acq: 01 Aug 2024 11:49



Tgt Ion:284 Resp: 148644
Ion Ratio Lower Upper
284 100
142 37.3 31.3 46.9
249 32.7 27.2 40.8





#69

Atrazine

Concen: 62.802 ng

RT: 11.069 min Scan# 1525

Delta R.T. 0.006 min

Lab File: BF138718.D

Acq: 01 Aug 2024 11:49

Instrument :

BNA_F

ClientSampleId :

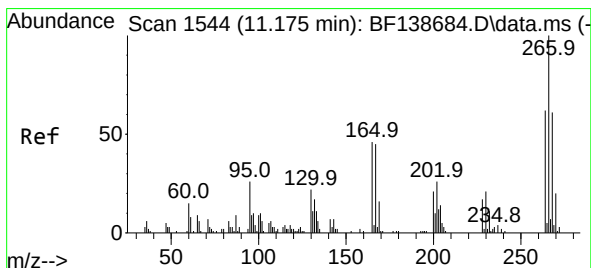
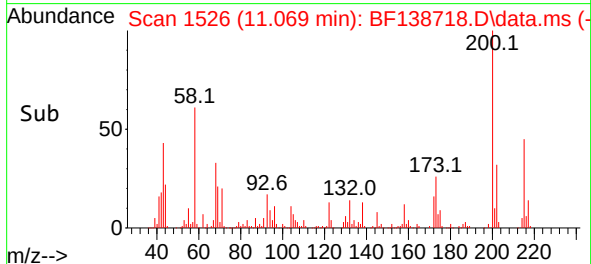
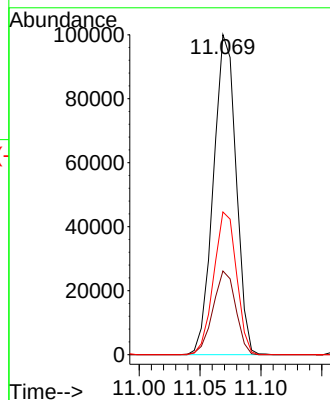
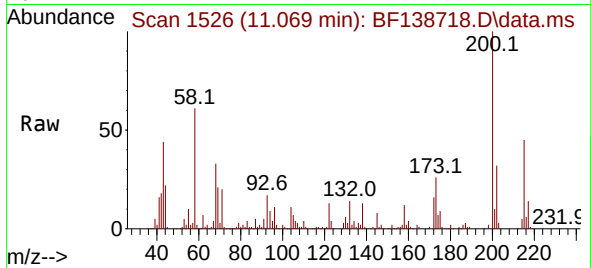
OU4-PCS-01-072324MS

Tgt Ion:	200	Resp:	12939
Ion Ratio	Lower	Upper	
200	100		
173	26.2	6.0	46.0
215	44.6	26.1	66.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024



#70

Pentachlorophenol

Concen: 98.672 ng

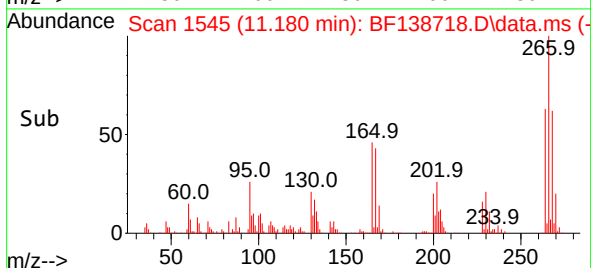
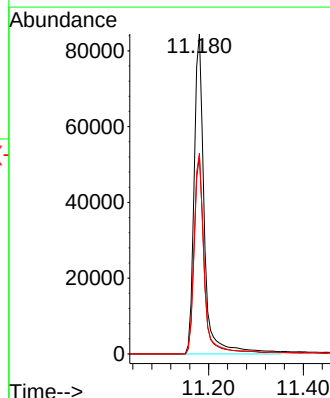
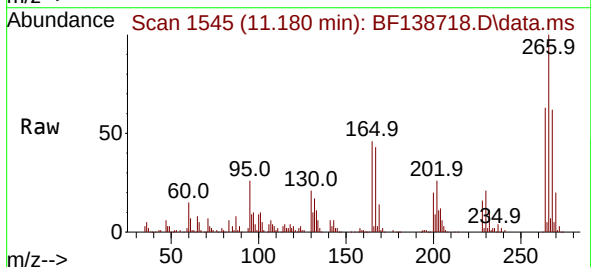
RT: 11.180 min Scan# 1545

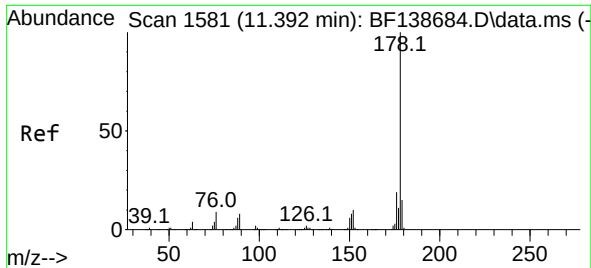
Delta R.T. 0.005 min

Lab File: BF138718.D

Acq: 01 Aug 2024 11:49

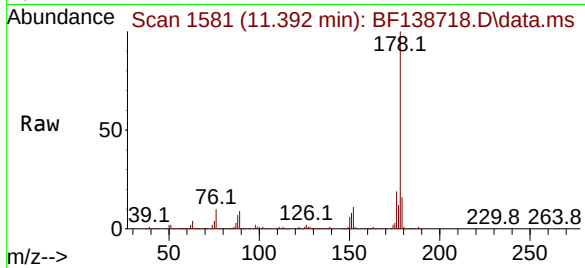
Tgt Ion:	266	Resp:	127023
Ion Ratio	Lower	Upper	
266	100		
268	61.9	49.2	73.8
264	62.8	49.8	74.6





#71
Phenanthrene
Concen: 52.214 ng
RT: 11.392 min Scan# 1581
Delta R.T. 0.000 min
Lab File: BF138718.D
Acq: 01 Aug 2024 11:49

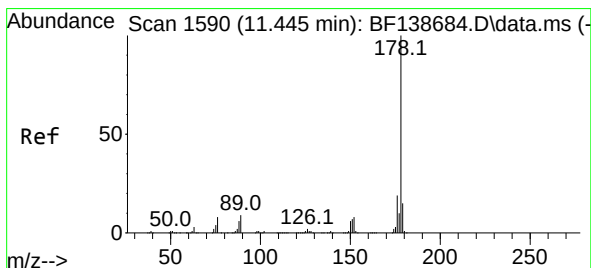
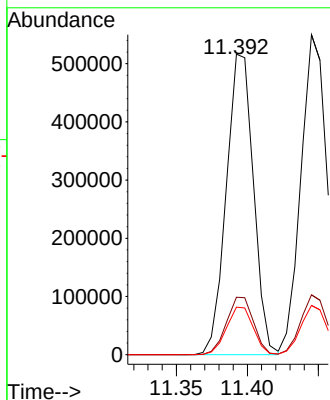
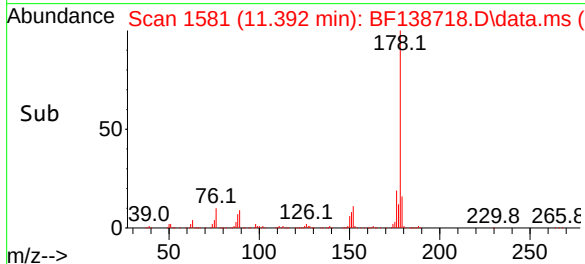
Instrument :
BNA_F
ClientSampleId :
OU4-PCS-01-072324MS



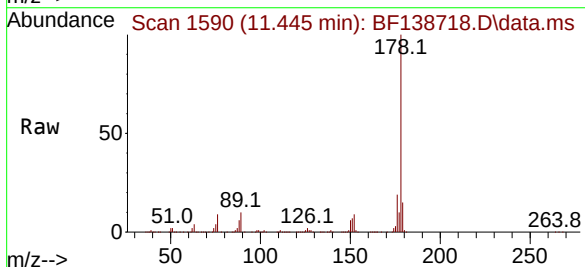
Tgt Ion:178 Resp: 68689
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.0
179 15.8 12.2 18.2

Manual Integrations
APPROVED

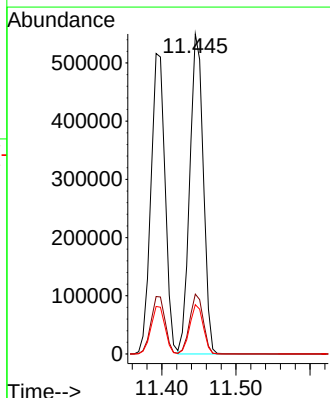
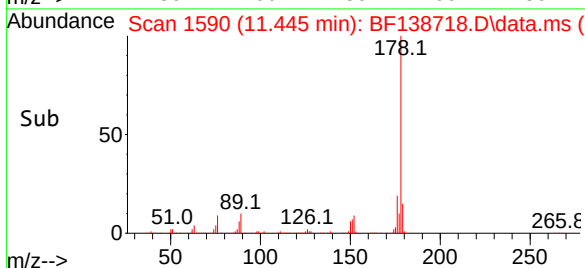
Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024

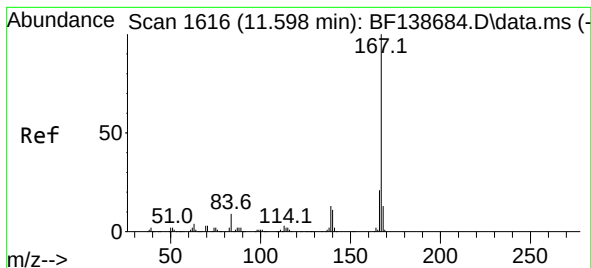


#72
Anthracene
Concen: 53.819 ng
RT: 11.445 min Scan# 1590
Delta R.T. 0.000 min
Lab File: BF138718.D
Acq: 01 Aug 2024 11:49



Tgt Ion:178 Resp: 697490
Ion Ratio Lower Upper
178 100
176 18.7 14.9 22.3
179 15.4 12.4 18.6





#73

Carbazole

Concen: 49.252 ng

RT: 11.604 min Scan# 1617

Delta R.T. 0.006 min

Lab File: BF138718.D

Acq: 01 Aug 2024 11:49

Instrument :

BNA_F

ClientSampleId :

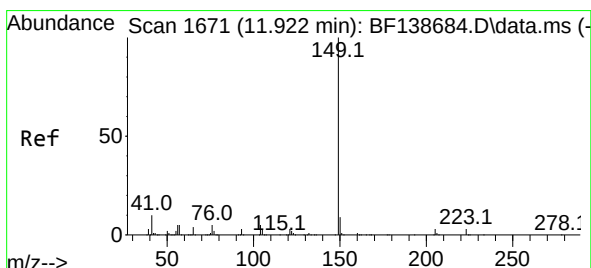
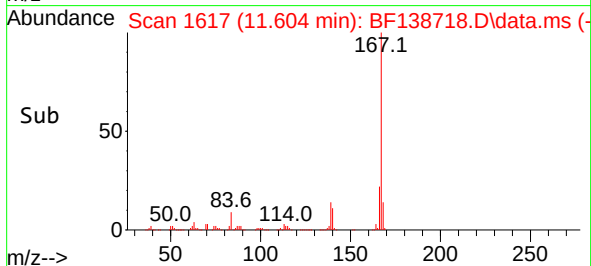
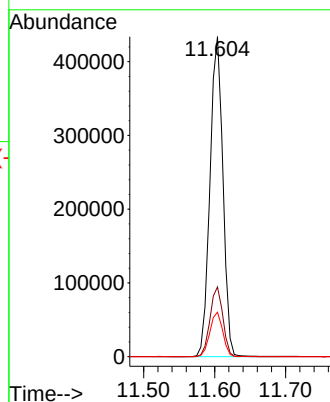
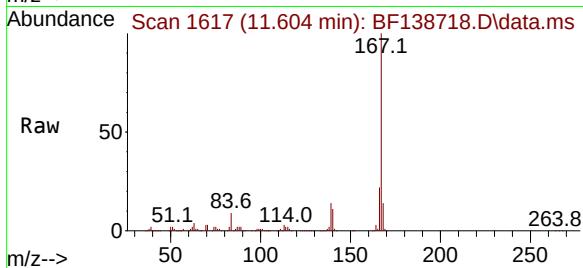
OU4-PCS-01-072324MS

Tgt Ion:167	Resp: 55068
Ion Ratio	Lower Upper
167 100	
166 21.8	17.2 25.8
139 13.9	10.6 16.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024



#74

Di-n-butylphthalate

Concen: 61.045 ng

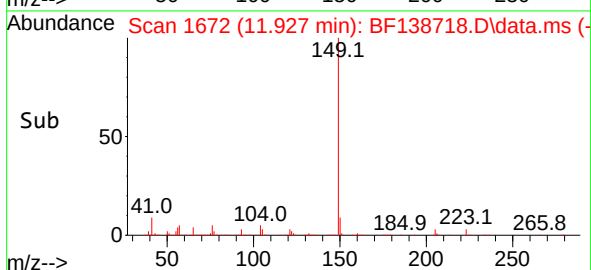
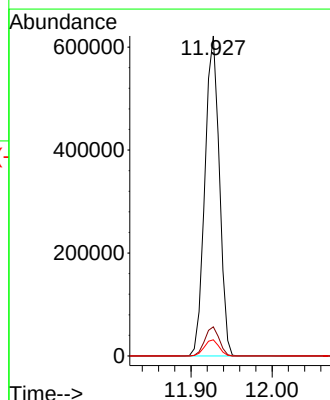
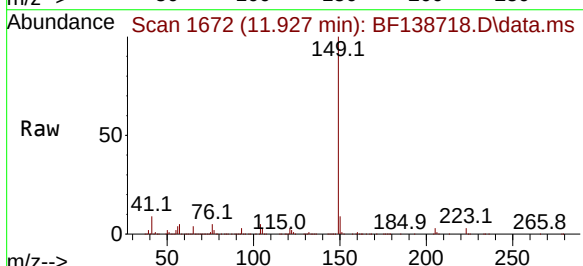
RT: 11.927 min Scan# 1672

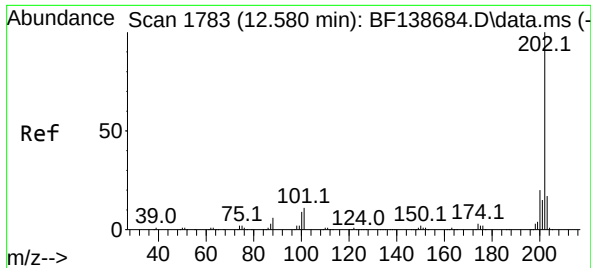
Delta R.T. 0.006 min

Lab File: BF138718.D

Acq: 01 Aug 2024 11:49

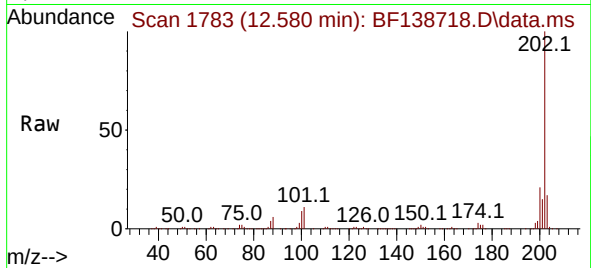
Tgt Ion:149	Resp: 767293
Ion Ratio	Lower Upper
149 100	
150 9.1	7.4 11.0
104 5.0	4.1 6.1





#75
Fluoranthene
Concen: 48.197 ng
RT: 12.580 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF138718.D
Acq: 01 Aug 2024 11:49

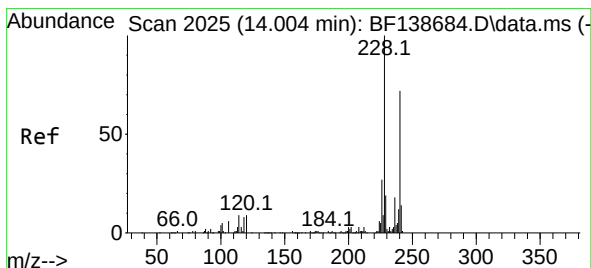
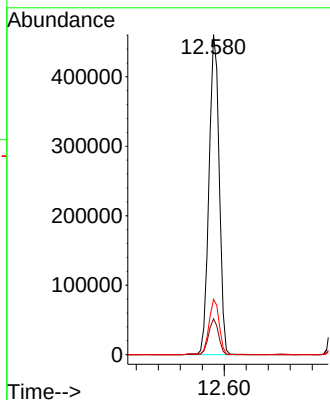
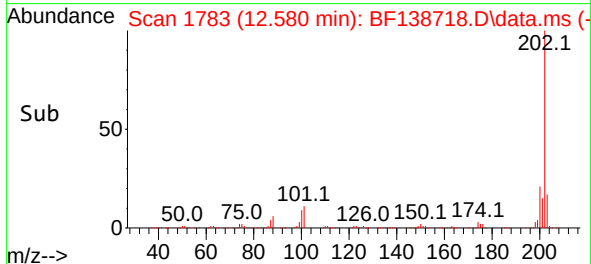
Instrument :
BNA_F
ClientSampleId :
OU4-PCS-01-072324MS



Tgt Ion:202 Resp: 591917
Ion Ratio Lower Upper
202 100
101 11.2 0.0 31.2
203 17.3 0.0 37.3

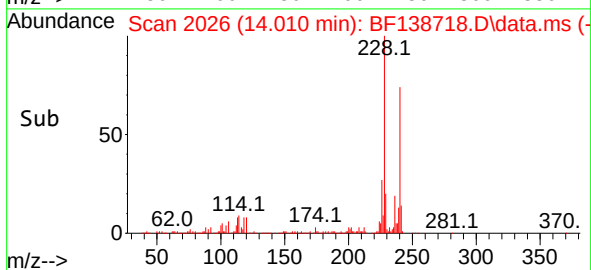
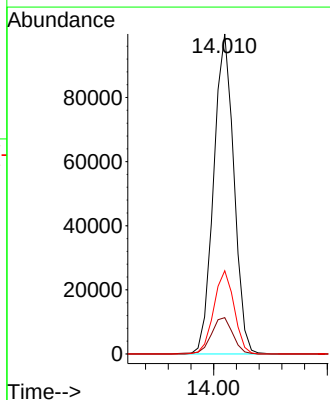
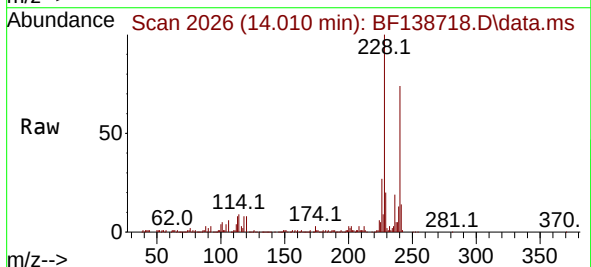
Manual Integrations
APPROVED

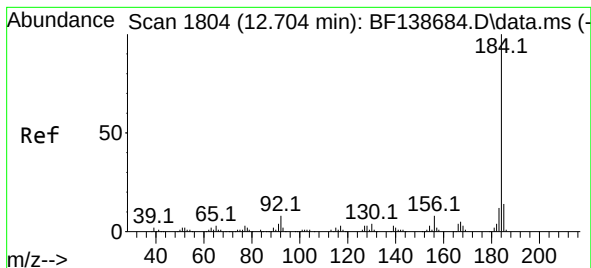
Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 2026
Delta R.T. 0.006 min
Lab File: BF138718.D
Acq: 01 Aug 2024 11:49

Tgt Ion:240 Resp: 123517
Ion Ratio Lower Upper
240 100
120 11.4 10.2 15.4
236 26.0 19.8 29.8





#77

Benzidine

Concen: 50.087 ng

RT: 12.704 min Scan# 1804

Delta R.T. -0.000 min

Lab File: BF138718.D

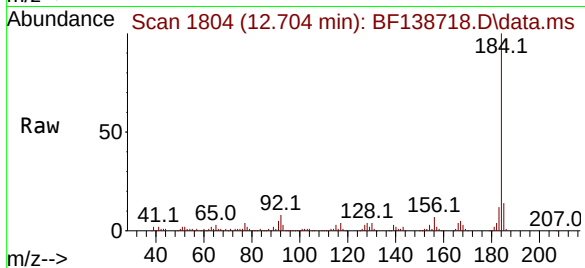
Acq: 01 Aug 2024 11:49

Instrument :

BNA_F

ClientSampleId :

OU4-PCS-01-072324MS

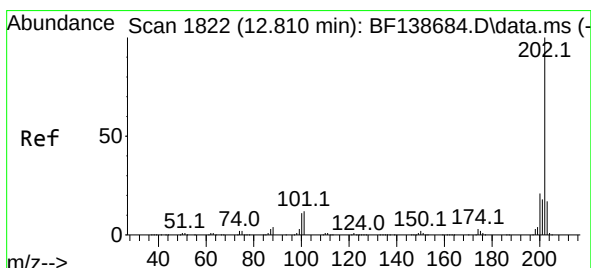
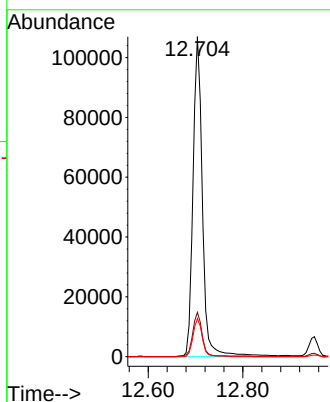
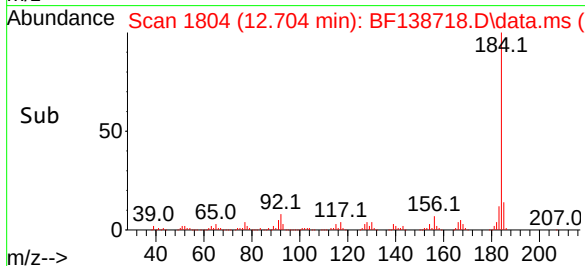


Tgt Ion:184	Resp:	147972
Ion Ratio	Lower	Upper
184	100	
185	13.9	11.1 16.7
183	11.9	9.6 14.4

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Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024



#78

Pyrene

Concen: 50.059 ng

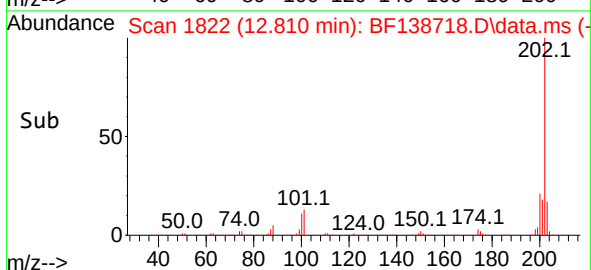
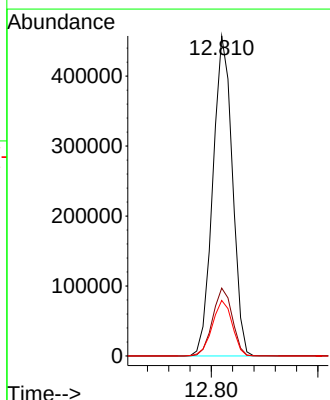
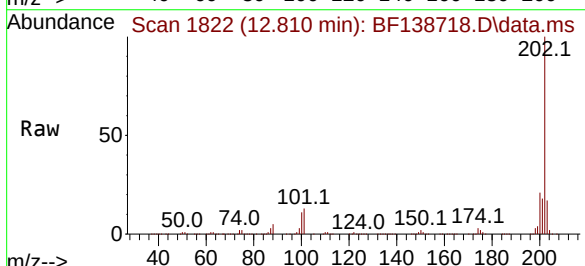
RT: 12.810 min Scan# 1822

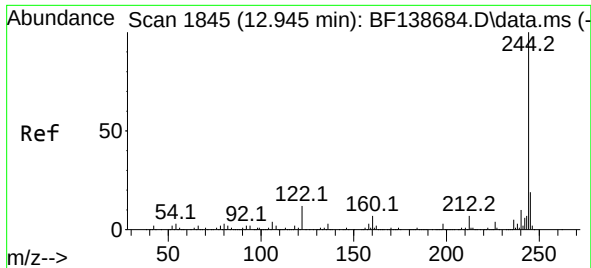
Delta R.T. 0.000 min

Lab File: BF138718.D

Acq: 01 Aug 2024 11:49

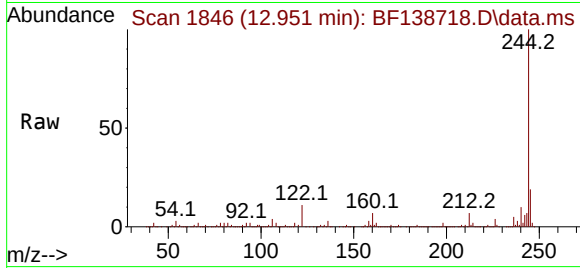
Tgt Ion:202	Resp:	582160
Ion Ratio	Lower	Upper
202	100	
200	21.2	16.8 25.2
203	17.4	13.8 20.6





#79
 Terphenyl-d14
 Concen: 82.532 ng
 RT: 12.951 min Scan# 1846
 Delta R.T. 0.006 min
 Lab File: BF138718.D
 Acq: 01 Aug 2024 11:49

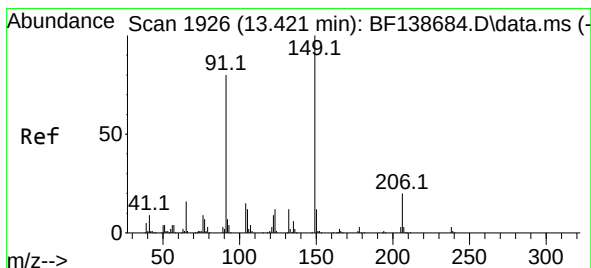
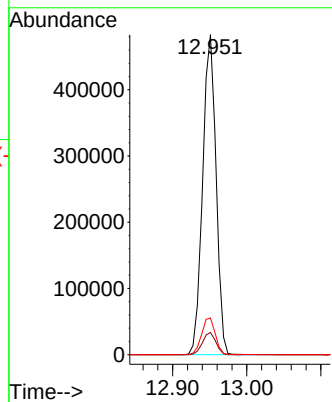
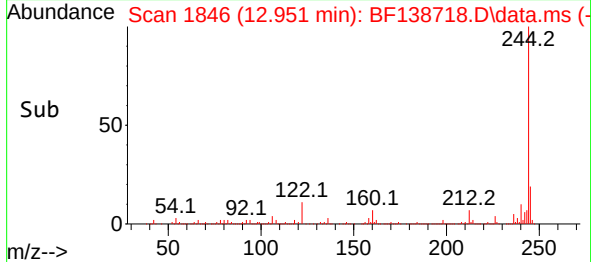
Instrument :
 BNA_F
 ClientSampleId :
 OU4-PCS-01-072324MS



Tgt Ion:244 Resp: 608860
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.2
 122 11.5 9.6 14.4

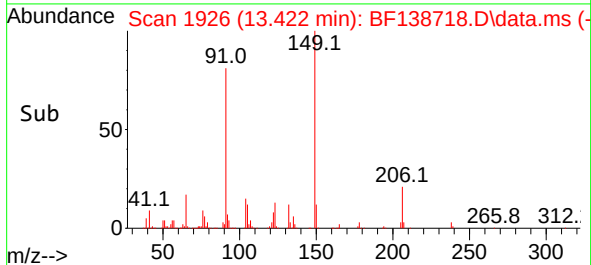
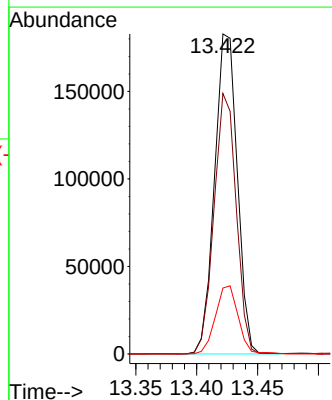
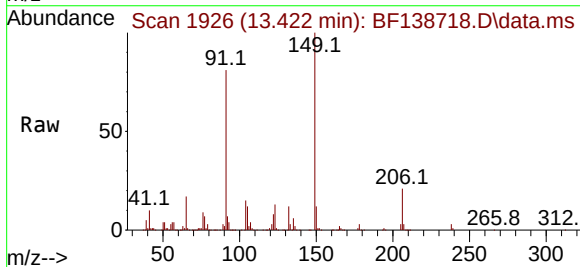
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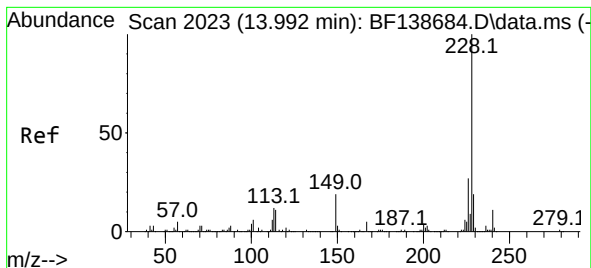
Reviewed By :Jagrut Upadhyay 08/02/2024
 Supervised By :mohammad ahmed 08/03/2024



#80
 Butylbenzylphthalate
 Concen: 63.838 ng
 RT: 13.422 min Scan# 1926
 Delta R.T. 0.000 min
 Lab File: BF138718.D
 Acq: 01 Aug 2024 11:49

Tgt Ion:149 Resp: 237737
 Ion Ratio Lower Upper
 149 100
 91 81.4 63.7 95.5
 206 20.6 16.2 24.2





#81

Benzo(a)anthracene

Concen: 53.460 ng

RT: 13.998 min Scan# 20

Delta R.T. 0.006 min

Lab File: BF138718.D

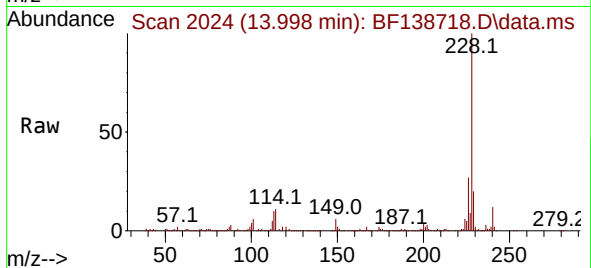
Acq: 01 Aug 2024 11:49

Instrument :

BNA_F

ClientSampleId :

OU4-PCS-01-072324MS



Tgt Ion:228 Resp: 45471

Ion Ratio Lower Upper

228 100

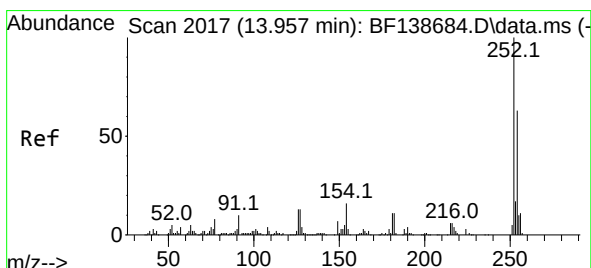
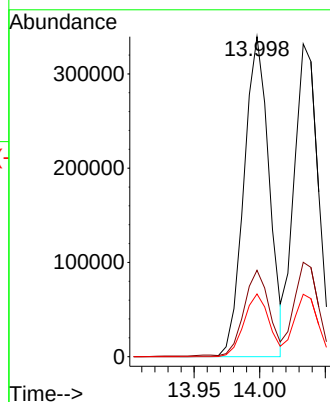
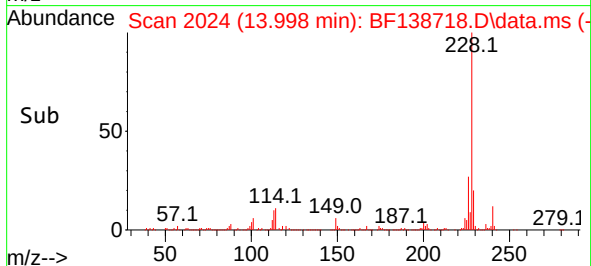
226 27.0 22.1 33.1

229 19.6 15.4 23.0

Manual Integrations

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Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024



#82

3,3'-Dichlorobenzidine

Concen: 47.746 ng

RT: 13.957 min Scan# 2017

Delta R.T. 0.000 min

Lab File: BF138718.D

Acq: 01 Aug 2024 11:49

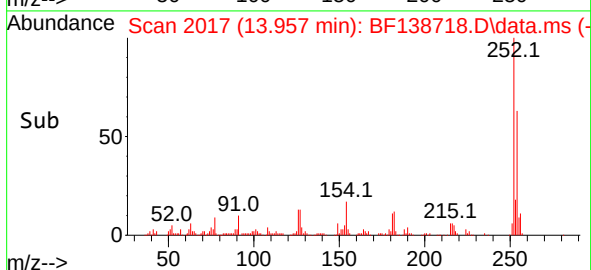
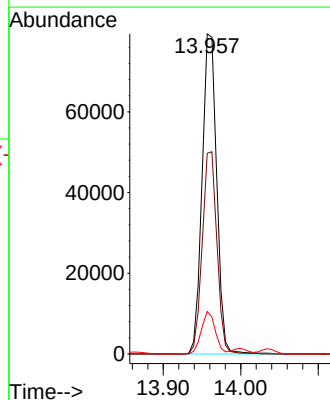
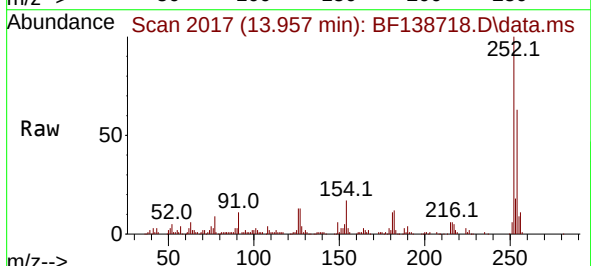
Tgt Ion:252 Resp: 103925

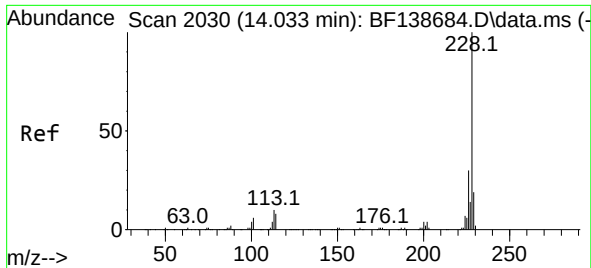
Ion Ratio Lower Upper

252 100

254 62.7 50.8 76.2

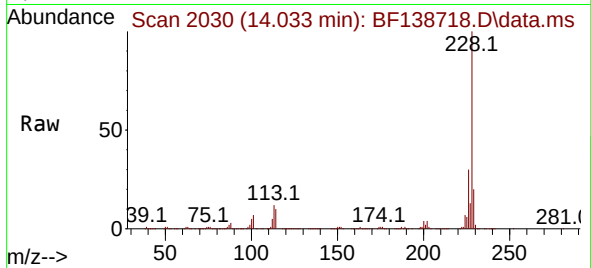
126 13.2 10.2 15.2





#83
Chrysene
Concen: 54.785 ng
RT: 14.033 min Scan# 2030
Delta R.T. 0.000 min
Lab File: BF138718.D
Acq: 01 Aug 2024 11:49

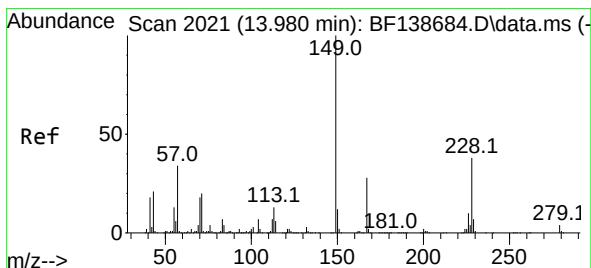
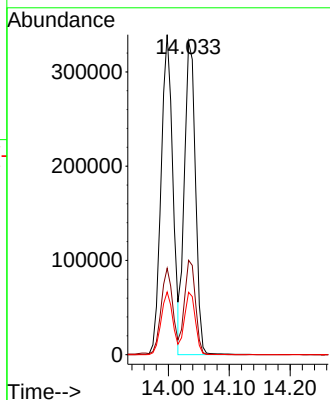
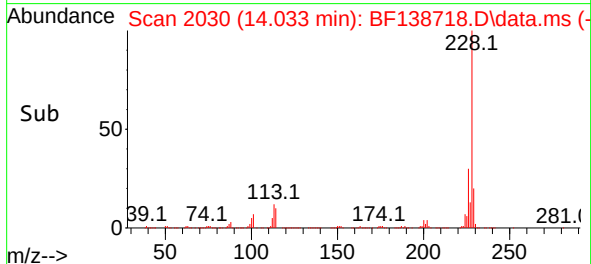
Instrument :
BNA_F
ClientSampleId :
OU4-PCS-01-072324MS



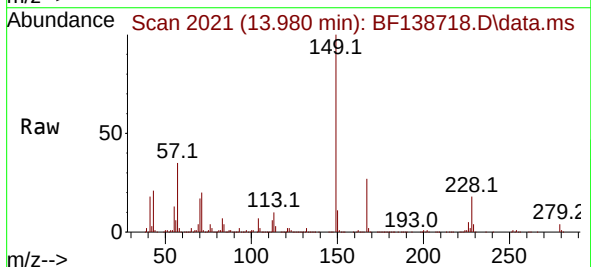
Tgt Ion:228 Resp: 420400
Ion Ratio Lower Upper
228 100
226 30.2 23.7 35.5
229 19.9 15.0 22.6

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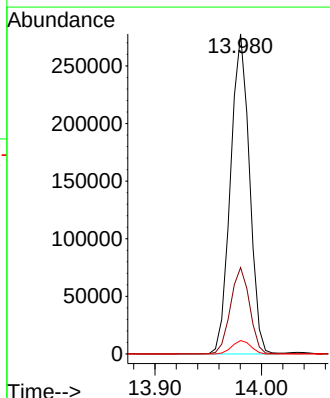
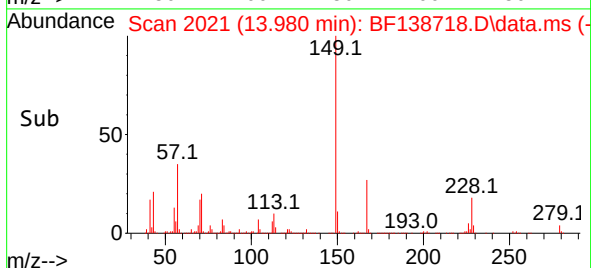
Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024

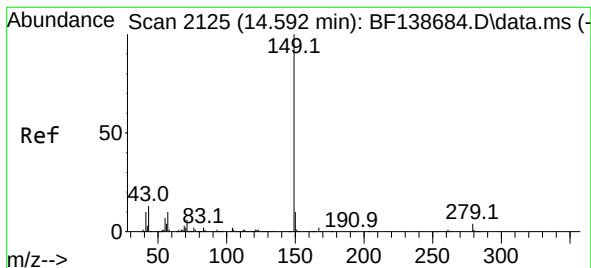


#84
Bis(2-ethylhexyl)phthalate
Concen: 62.938 ng
RT: 13.980 min Scan# 2021
Delta R.T. 0.000 min
Lab File: BF138718.D
Acq: 01 Aug 2024 11:49



Tgt Ion:149 Resp: 343220
Ion Ratio Lower Upper
149 100
167 27.0 22.2 33.4
279 4.2 3.4 5.0





#85

Di-n-octyl phthalate

Concen: 56.349 ng

RT: 14.592 min Scan# 2125

Delta R.T. 0.000 min

Lab File: BF138718.D

Acq: 01 Aug 2024 11:49

Instrument :

BNA_F

ClientSampleId :

OU4-PCS-01-072324MS

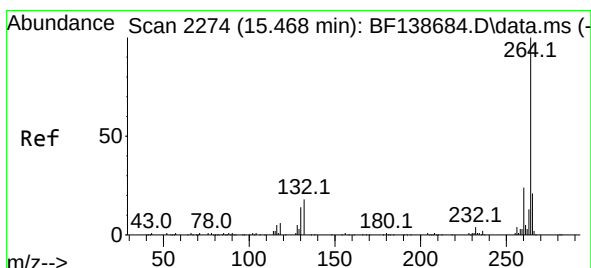
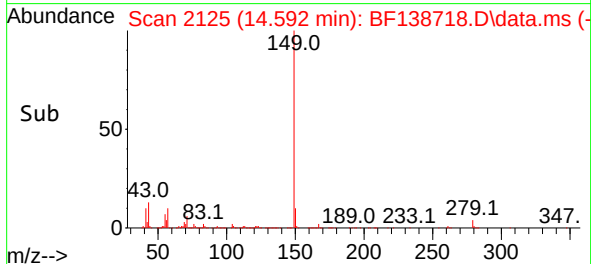
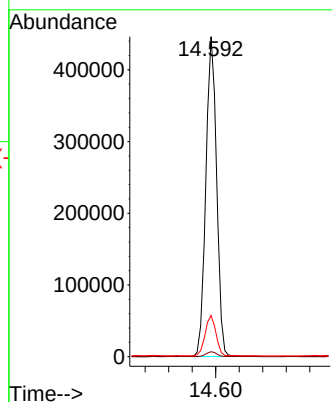
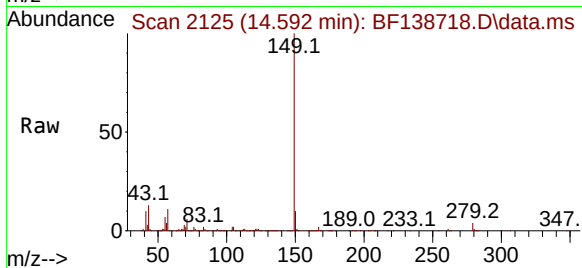
Tgt Ion:149 Resp: 568534

Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	12.6	10.4	15.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.468 min Scan# 2274

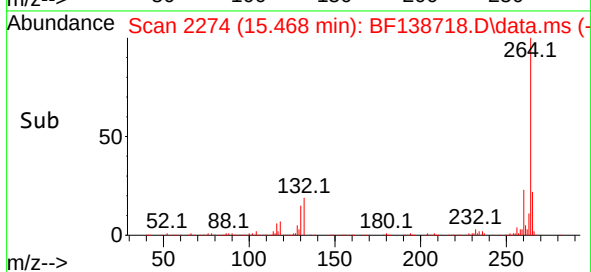
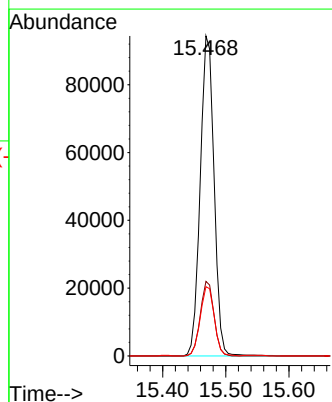
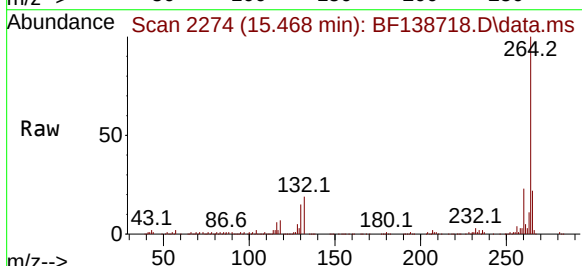
Delta R.T. 0.000 min

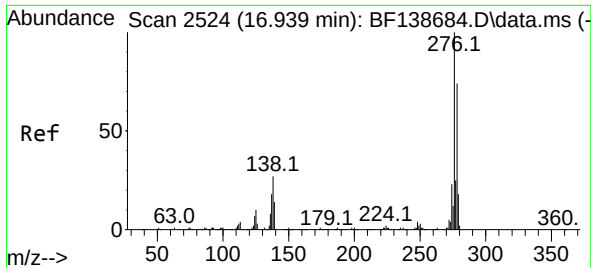
Lab File: BF138718.D

Acq: 01 Aug 2024 11:49

Tgt Ion:264 Resp: 143745

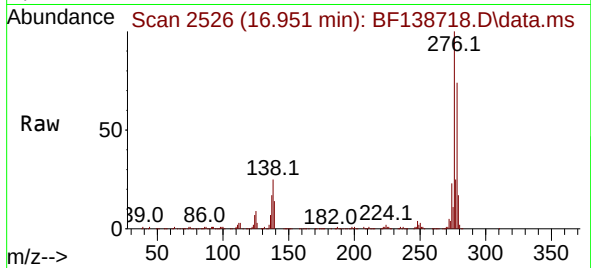
Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.0	28.6
265	21.7	17.0	25.6





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 51.754 ng
 RT: 16.951 min Scan# 21
 Delta R.T. 0.012 min
 Lab File: BF138718.D
 Acq: 01 Aug 2024 11:49

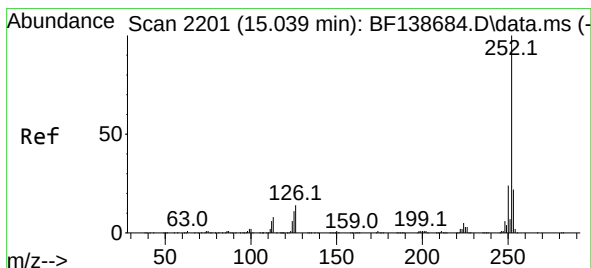
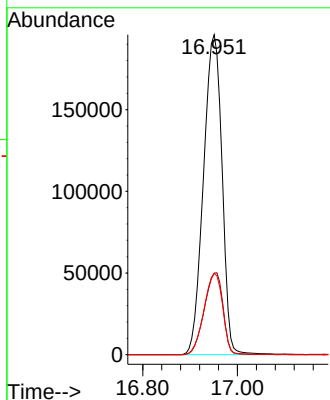
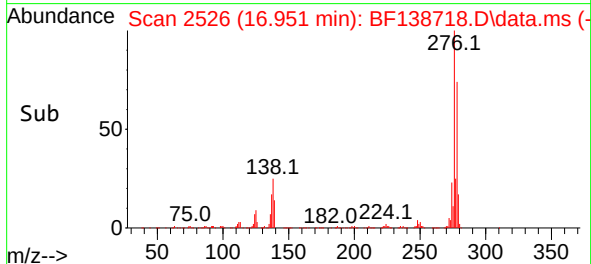
Instrument :
 BNA_F
 ClientSampleId :
 OU4-PCS-01-072324MS



Tgt Ion:276 Resp: 533130
 Ion Ratio Lower Upper
 276 100
 138 25.8 21.8 32.8
 277 25.5 20.6 30.8

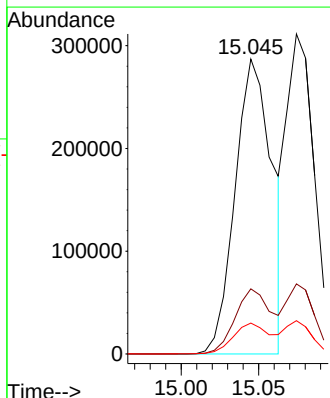
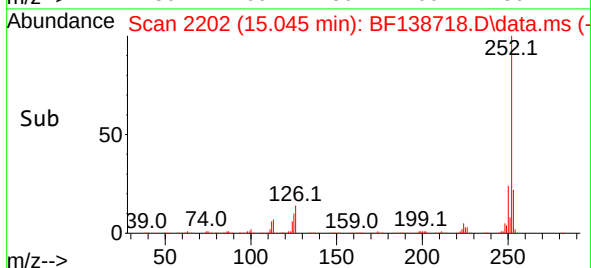
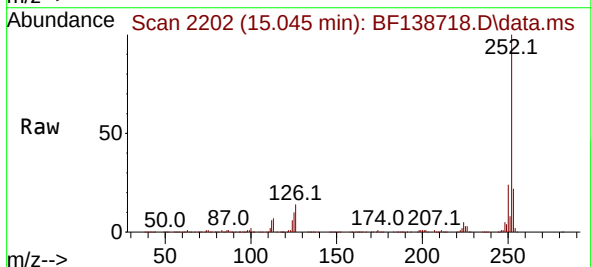
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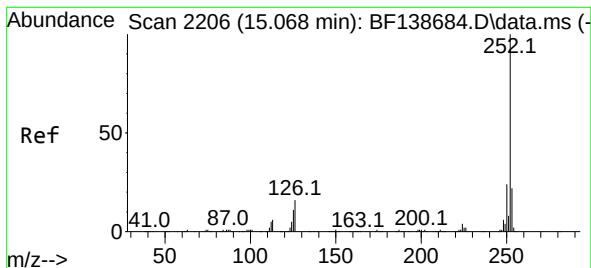
Reviewed By :Jagrut Upadhyay 08/02/2024
 Supervised By :mohammad ahmed 08/03/2024



#88
 Benzo(b)fluoranthene
 Concen: 53.510 ng
 RT: 15.045 min Scan# 2202
 Delta R.T. 0.006 min
 Lab File: BF138718.D
 Acq: 01 Aug 2024 11:49

Tgt Ion:252 Resp: 476812
 Ion Ratio Lower Upper
 252 100
 253 22.1 17.5 26.3
 125 10.5 8.9 13.3





#89

Benzo(k)fluoranthene

Concen: 50.304 ng

RT: 15.074 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF138718.D

Acq: 01 Aug 2024 11:49

Instrument :

BNA_F

ClientSampleId :

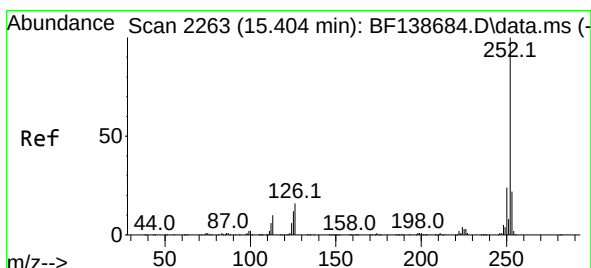
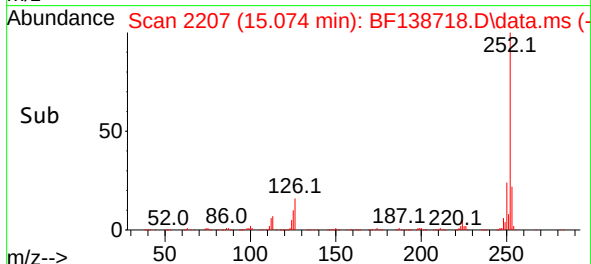
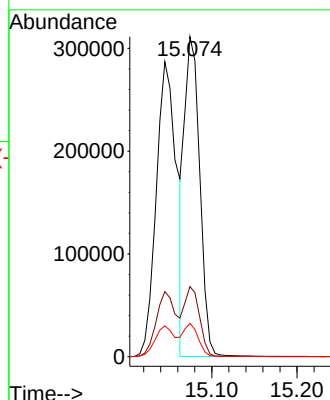
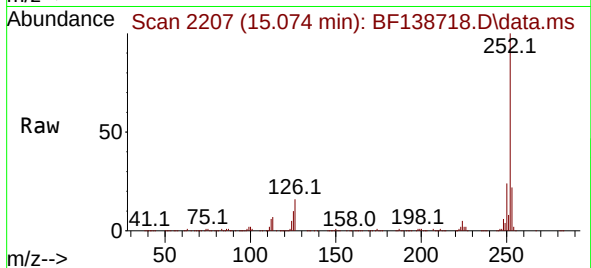
OU4-PCS-01-072324MS

Tgt Ion:252 Resp: 38810
 Ion Ratio Lower Upper
 252 100
 253 21.9 17.4 26.0
 125 10.4 8.6 13.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/02/2024
 Supervised By :mohammad ahmed 08/03/2024



#90

Benzo(a)pyrene

Concen: 55.008 ng

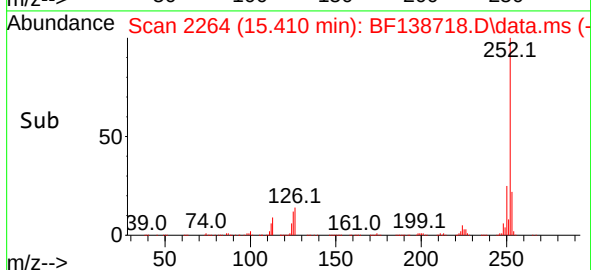
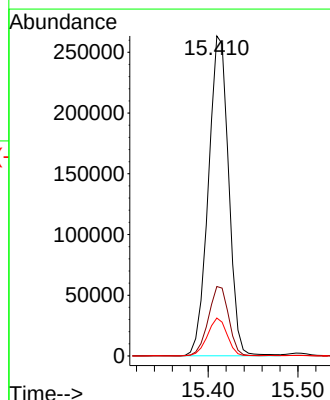
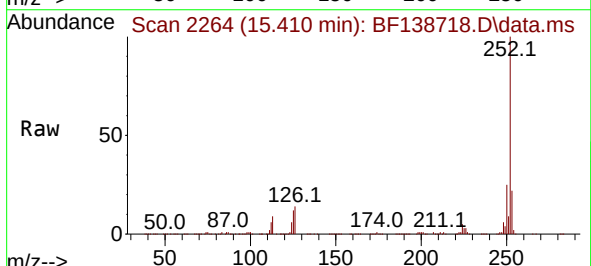
RT: 15.410 min Scan# 2264

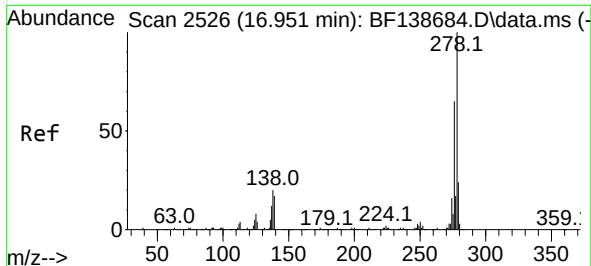
Delta R.T. 0.006 min

Lab File: BF138718.D

Acq: 01 Aug 2024 11:49

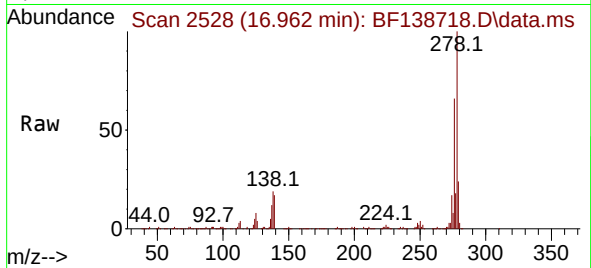
Tgt Ion:252 Resp: 412302
 Ion Ratio Lower Upper
 252 100
 253 21.7 17.3 25.9
 125 11.8 9.5 14.3





#91
Dibenzo(a,h)anthracene
Concen: 50.826 ng
RT: 16.962 min Scan# 2526
Delta R.T. 0.012 min
Lab File: BF138718.D
Acq: 01 Aug 2024 11:49

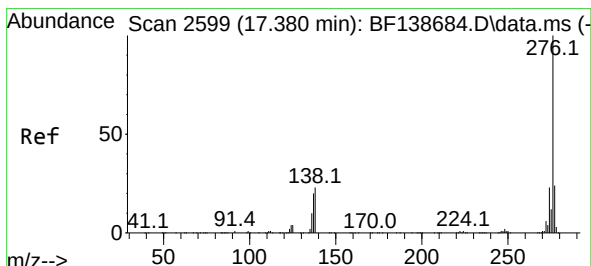
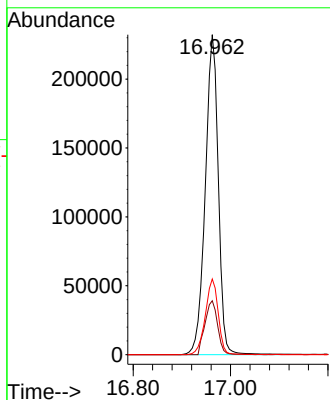
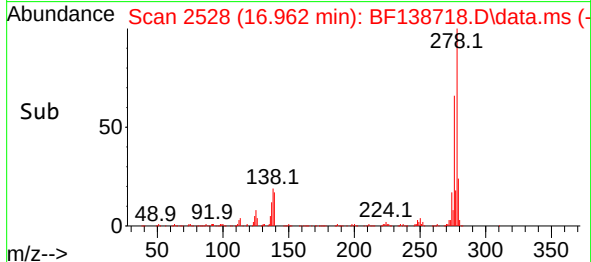
Instrument :
BNA_F
ClientSampleId :
OU4-PCS-01-072324MS



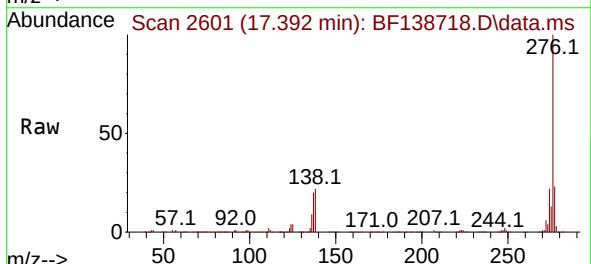
Tgt Ion:278 Resp: 429790
Ion Ratio Lower Upper
278 100
139 16.9 14.0 21.0
279 23.6 19.0 28.4

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024



#92
Benzo(g,h,i)perylene
Concen: 47.177 ng
RT: 17.392 min Scan# 2601
Delta R.T. 0.012 min
Lab File: BF138718.D
Acq: 01 Aug 2024 11:49



Tgt Ion:276 Resp: 413970
Ion Ratio Lower Upper
276 100
277 23.1 19.0 28.4
138 22.4 18.5 27.7

