

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080124\
 Data File : BF138719.D
 Acq On : 01 Aug 2024 12:20
 Operator : RC/JU
 Sample : P3379-01MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: Aug 01 12:49:34 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	73016	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	308457	20.000	ng	0.00
39) Acenaphthene-d10	9.881	164	168182	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	264941	20.000	ng	0.00
76) Chrysene-d12	14.010	240	125742	20.000	ng	0.00
86) Perylene-d12	15.468	264	145392	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	442313	93.511	ng	0.01
7) Phenol-d6	6.487	99	599359	94.378	ng	0.00
23) Nitrobenzene-d5	7.410	82	392065	62.143	ng	0.00
42) 2,4,6-Tribromophenol	10.675	330	139913	101.560	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	690374	61.676	ng	0.00
79) Terphenyl-d14	12.951	244	570948	76.022	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.663	88	72475	34.998	ng	100
3) Pyridine	3.416	79	190964	38.067	ng	97
4) n-Nitrosodimethylamine	3.375	42	139554	46.709	ng	98
6) Aniline	6.510	93	230844	40.759	ng	# 75
8) 2-Chlorophenol	6.634	128	239644	48.154	ng	99
9) Benzaldehyde	6.398	77	14267	3.748	ng	97
10) Phenol	6.504	94	313421	46.874	ng	89
11) bis(2-Chloroethyl)ether	6.581	93	237060	46.072	ng	100
12) 1,3-Dichlorobenzene	6.787	146	245948	44.150	ng	99
13) 1,4-Dichlorobenzene	6.863	146	249673	44.411	ng	99
14) 1,2-Dichlorobenzene	7.016	146	235357	44.796	ng	99
15) Benzyl Alcohol	6.993	79	231991	50.684	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.116	45	413340	46.678	ng	76
17) 2-Methylphenol	7.110	107	195004	47.453	ng	# 91
18) Hexachloroethane	7.351	117	95866	45.301	ng	96
19) n-Nitroso-di-n-propyla...	7.263	70	187190	48.803	ng	98
20) 3+4-Methylphenols	7.263	107	247431	46.928	ng	# 83
22) Acetophenone	7.257	105	316044	41.846	ng	99
24) Nitrobenzene	7.434	77	275486	42.911	ng	98
25) Isophorone	7.669	82	506764	47.040	ng	99
26) 2-Nitrophenol	7.745	139	132326	47.909	ng	99
27) 2,4-Dimethylphenol	7.787	122	165948	50.216	ng	99
28) bis(2-Chloroethoxy)met...	7.875	93	306684	46.748	ng	99
29) 2,4-Dichlorophenol	7.992	162	198196	46.673	ng	99
30) 1,2,4-Trichlorobenzene	8.069	180	213549	43.577	ng	98
31) Naphthalene	8.151	128	716663	44.140	ng	99
32) Benzoic acid	7.922	122	102947	39.629	ng	99
33) 4-Chloroaniline	8.198	127	119097	21.852	ng	99
34) Hexachlorobutadiene	8.263	225	126527	42.627	ng	99
35) Caprolactam	8.581	113	58972m	46.541	ng	
36) 4-Chloro-3-methylphenol	8.692	107	230894	47.577	ng	99
37) 2-Methylnaphthalene	8.839	142	466286	45.473	ng	100
38) 1-Methylnaphthalene	8.939	142	433840	43.177	ng	99
40) 1,2,4,5-Tetrachloroben...	9.004	216	197061	42.180	ng	99
41) Hexachlorocyclopentadiene	8.987	237	171100	133.283	ng	99
43) 2,4,6-Trichlorophenol	9.122	196	132964	46.678	ng	99

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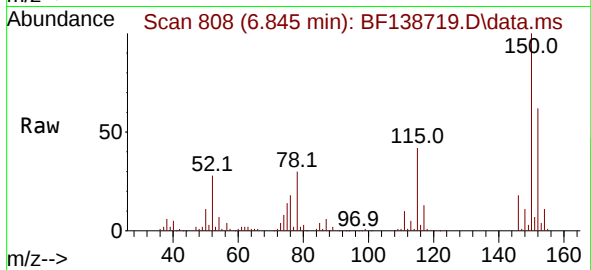
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.169	196	141587	45.468	ng	98
46) 1,1'-Biphenyl	9.304	154	550577	41.800	ng	100
47) 2-Chloronaphthalene	9.328	162	430838	43.980	ng	98
48) 2-Nitroaniline	9.428	65	154020	46.377	ng	98
49) Acenaphthylene	9.745	152	688882	49.581	ng	100
50) Dimethylphthalate	9.610	163	530066	49.291	ng	99
51) 2,6-Dinitrotoluene	9.675	165	110949	45.716	ng	96
52) Acenaphthene	9.916	154	415604	44.498	ng	100
53) 3-Nitroaniline	9.839	138	72092	28.735	ng	95
54) 2,4-Dinitrophenol	9.957	184	106798	95.595	ng	93
55) Dibenzofuran	10.092	168	606202	45.980	ng	99
56) 4-Nitrophenol	10.016	139	133352	88.387	ng	99
57) 2,4-Dinitrotoluene	10.081	165	144496	46.666	ng	93
58) Fluorene	10.433	166	479817	45.701	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.210	232	112056	47.068	ng	97
60) Diethylphthalate	10.304	149	510311	50.048	ng	99
61) 4-Chlorophenyl-phenyle...	10.422	204	241651	46.799	ng	98
62) 4-Nitroaniline	10.457	138	105616	44.298	ng	98
63) Azobenzene	10.581	77	546002	48.281	ng	100
65) 4,6-Dinitro-2-methylph...	10.486	198	80537	49.826	ng	96
66) n-Nitrosodiphenylamine	10.545	169	413119	49.885	ng	99
67) 4-Bromophenyl-phenylether	10.910	248	138868	48.412	ng	98
68) Hexachlorobenzene	10.981	284	141449	47.759	ng	95
69) Atrazine	11.069	200	119388	55.877	ng	100
70) Pentachlorophenol	11.181	266	118384	88.679	ng	99
71) Phenanthrene	11.392	178	652289	47.814	ng	100
72) Anthracene	11.445	178	657880	48.951	ng	100
73) Carbazole	11.604	167	516266	44.525	ng	99
74) Di-n-butylphthalate	11.928	149	716317	54.955	ng	100
75) Fluoranthene	12.580	202	545683	42.846	ng	99
77) Benzidine	12.704	184	139637	46.429	ng	99
78) Pyrene	12.810	202	525761	44.409	ng	99
80) Butylbenzylphthalate	13.422	149	220584	58.184	ng	99
81) Benzo(a)anthracene	13.998	228	422062	48.743	ng	99
82) 3,3'-Dichlorobenzidine	13.957	252	99952	45.108	ng	98
83) Chrysene	14.033	228	386034	49.416	ng	99
84) Bis(2-ethylhexyl)phtha...	13.980	149	316877	57.079	ng	99
85) Di-n-octyl phthalate	14.592	149	528436	51.448	ng	99
87) Indeno(1,2,3-cd)pyrene	16.951	276	501692	48.150	ng	98
88) Benzo(b)fluoranthene	15.045	252	455922	50.586	ng	99
89) Benzo(k)fluoranthene	15.074	252	354938	45.484	ng	99
90) Benzo(a)pyrene	15.410	252	387552	51.121	ng	100
91) Dibenzo(a,h)anthracene	16.962	278	407917	47.693	ng	99
92) Benzo(g,h,i)perylene	17.392	276	389587	43.895	ng	100

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF138719.D
Acq: 01 Aug 2024 12:20

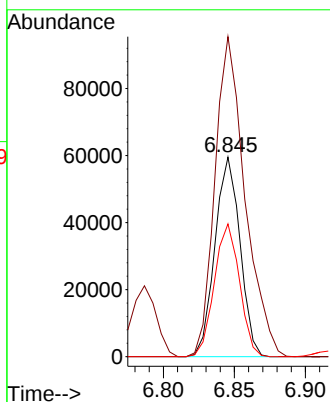
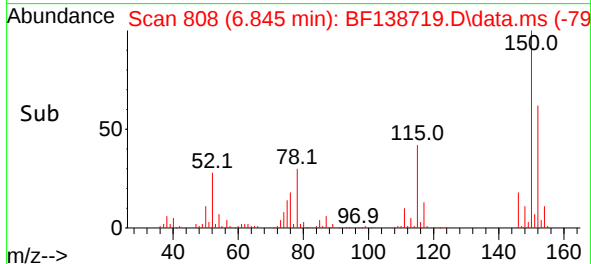
Instrument :
BNA_F
ClientSampleId :
OU4-PCS-01-072324MSD



Tgt Ion:152 Resp: 73010
Ion Ratio Lower Upper
152 100
150 160.3 126.0 189.0
115 66.6 51.7 77.5

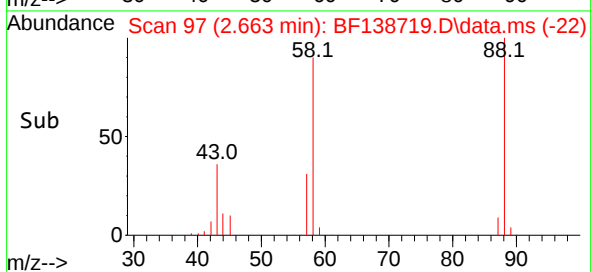
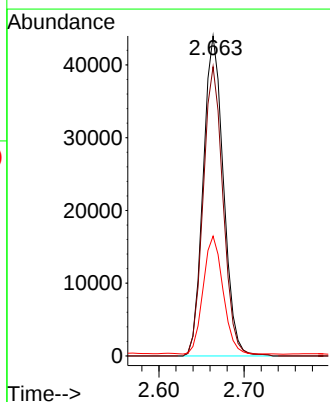
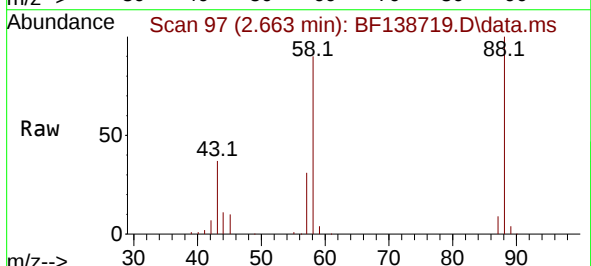
Manual Integrations
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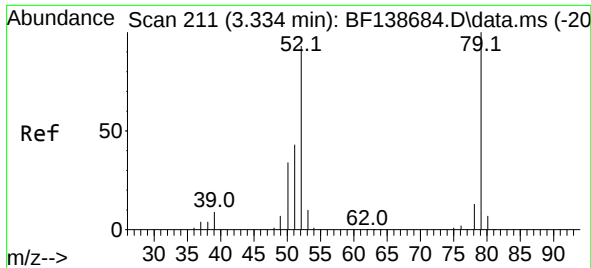
Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024



#2
1,4-Dioxane
Concen: 34.998 ng
RT: 2.663 min Scan# 97
Delta R.T. 0.088 min
Lab File: BF138719.D
Acq: 01 Aug 2024 12:20

Tgt Ion: 88 Resp: 72475
Ion Ratio Lower Upper
88 100
58 89.2 71.6 107.4
43 36.2 28.7 43.1





#3

Pyridine

Concen: 38.067 ng

RT: 3.416 min Scan# 211

Delta R.T. 0.082 min

Lab File: BF138719.D

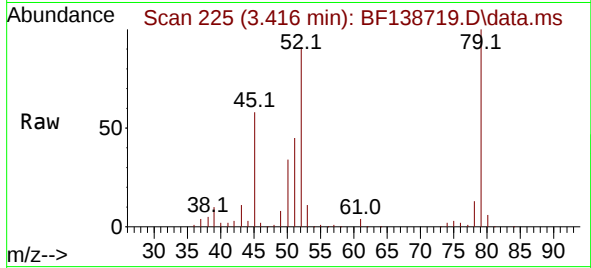
Acq: 01 Aug 2024 12:20

Instrument :

BNA_F

ClientSampleId :

OU4-PCS-01-072324MSD



Tgt Ion: 79 Resp: 190964

Ion Ratio Lower Upper

79 100

52 90.8 74.7 112.1

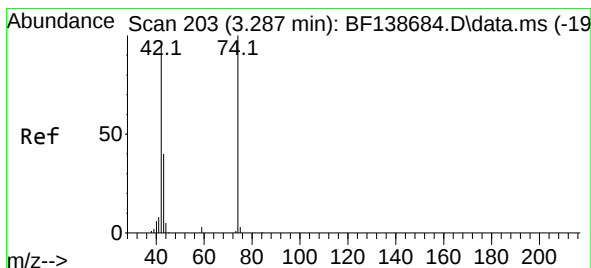
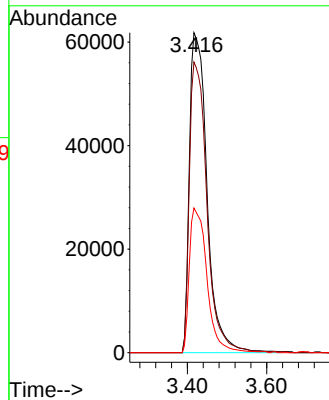
51 45.2 34.6 51.8

Manual Integrations

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#4

n-Nitrosodimethylamine

Concen: 46.709 ng

RT: 3.375 min Scan# 218

Delta R.T. 0.088 min

Lab File: BF138719.D

Acq: 01 Aug 2024 12:20

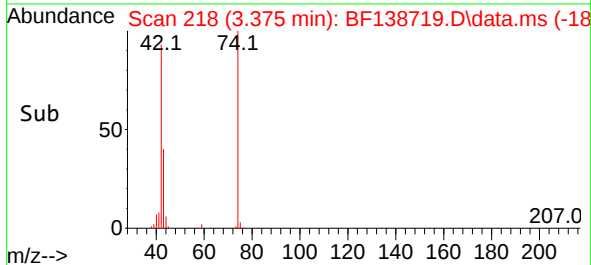
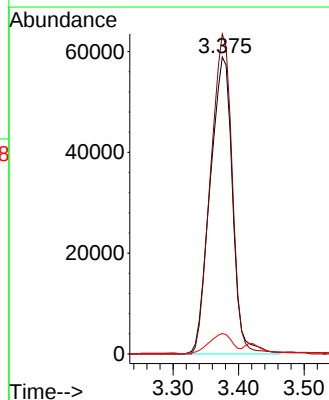
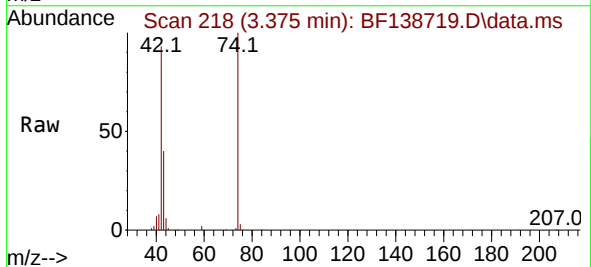
Tgt Ion: 42 Resp: 139554

Ion Ratio Lower Upper

42 100

74 107.8 84.2 126.4

44 6.9 4.9 7.3





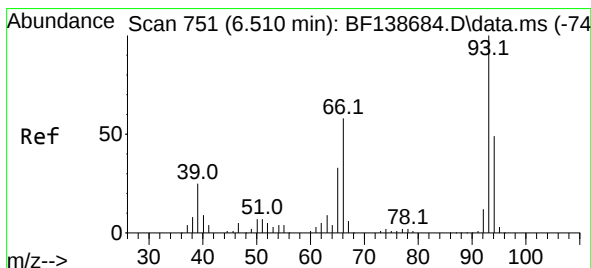
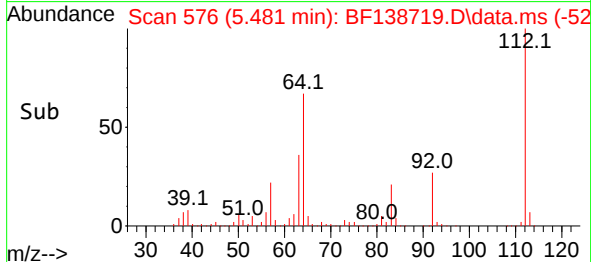
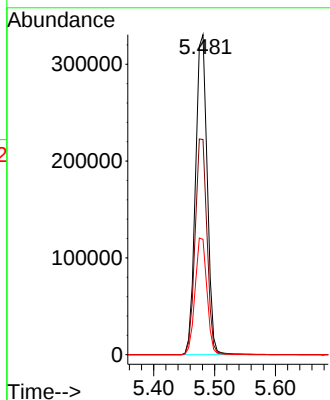
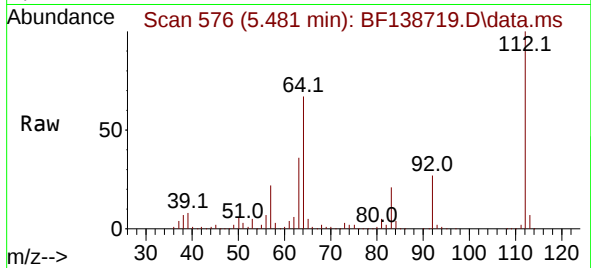
#5
2-Fluorophenol
Concen: 93.511 ng
RT: 5.481 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF138719.D
Acq: 01 Aug 2024 12:20

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

Tgt Ion:112 Resp: 44231
Ion Ratio Lower Upper
112 100
64 67.3 54.2 81.4
63 36.0 28.7 43.1

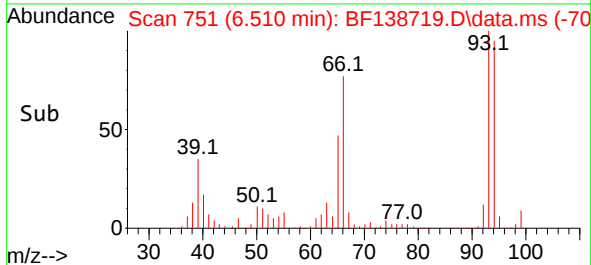
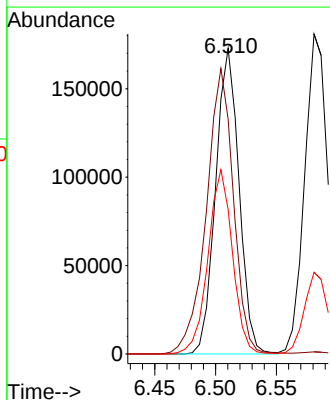
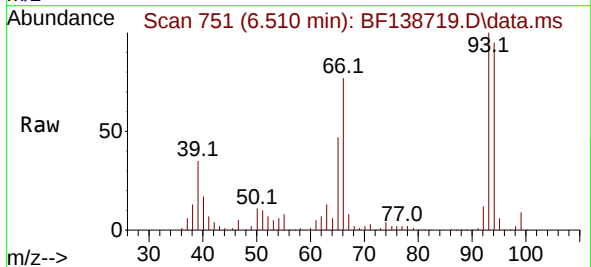
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#6
Aniline
Concen: 40.759 ng
RT: 6.510 min Scan# 751
Delta R.T. 0.000 min
Lab File: BF138719.D
Acq: 01 Aug 2024 12:20

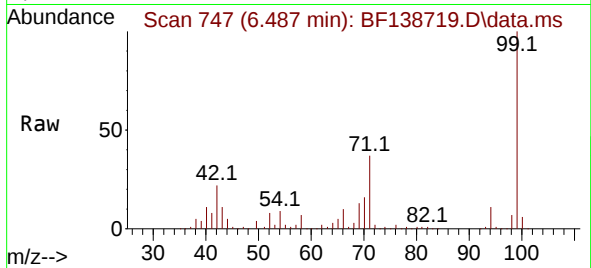
Tgt Ion: 93 Resp: 230844
Ion Ratio Lower Upper
93 100
66 76.9 46.9 70.3#
65 47.4 26.5 39.7#





#7
Phenol-d6
Concen: 94.378 ng
RT: 6.487 min Scan# 747
Delta R.T. 0.000 min
Lab File: BF138719.D
Acq: 01 Aug 2024 12:20

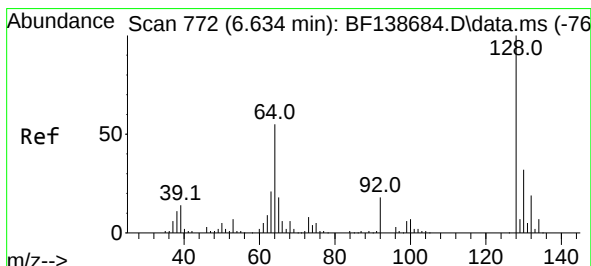
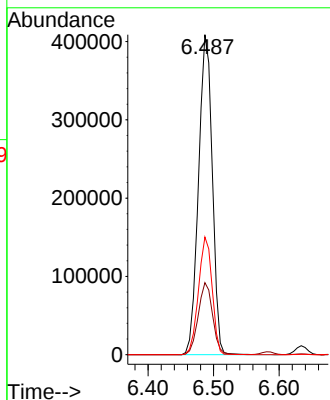
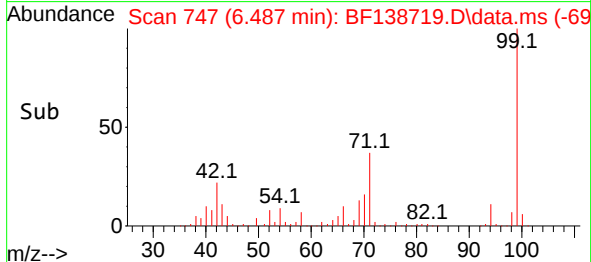
Instrument :
BNA_F
ClientSampleId :
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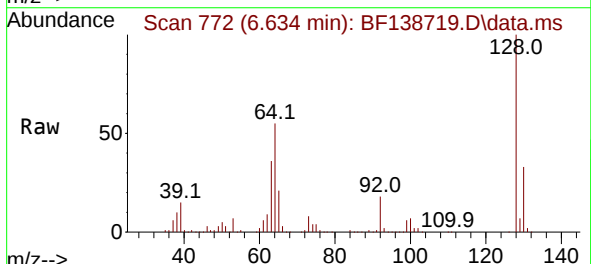
Tgt Ion: 99 Resp: 599359
Ion Ratio Lower Upper
99 100
42 22.5 17.4 26.0
71 36.8 28.1 42.1

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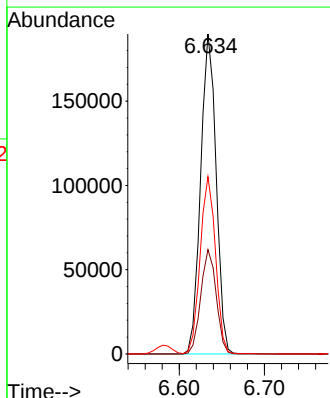
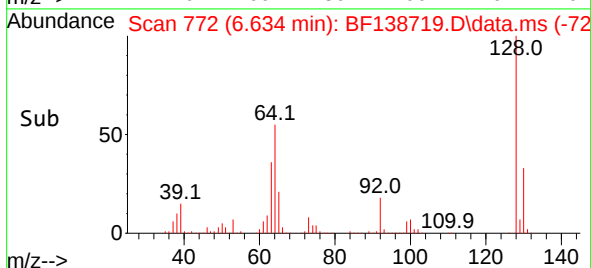
Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024



#8
2-Chlorophenol
Concen: 48.154 ng
RT: 6.634 min Scan# 772
Delta R.T. 0.000 min
Lab File: BF138719.D
Acq: 01 Aug 2024 12:20



Tgt Ion:128 Resp: 239644
Ion Ratio Lower Upper
128 100
130 32.6 12.0 52.0
64 55.4 36.3 76.3





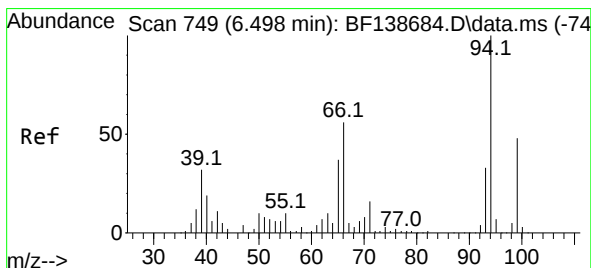
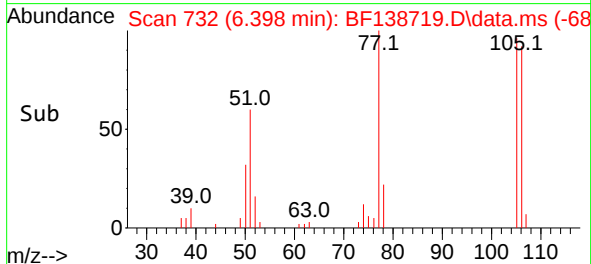
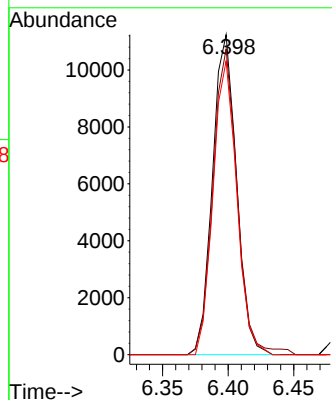
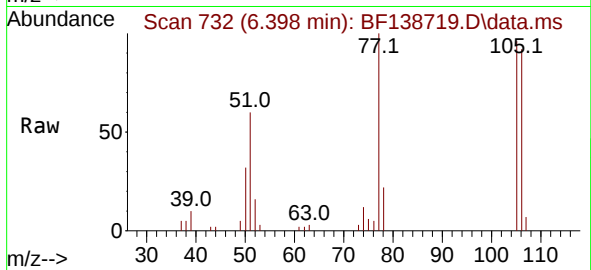
#9
Benzaldehyde
Concen: 3.748 ng
RT: 6.398 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF138719.D
Acq: 01 Aug 2024 12:20

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

Tgt Ion: 77 Resp: 1426
Ion Ratio Lower Upper
77 100
105 95.6 72.9 112.9
106 91.8 68.4 108.4

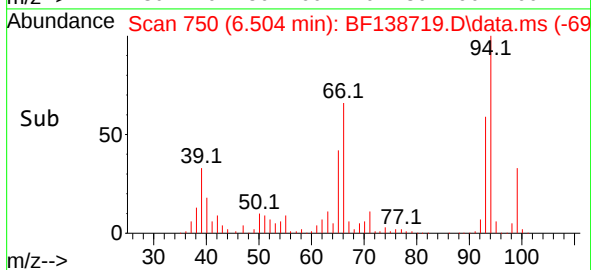
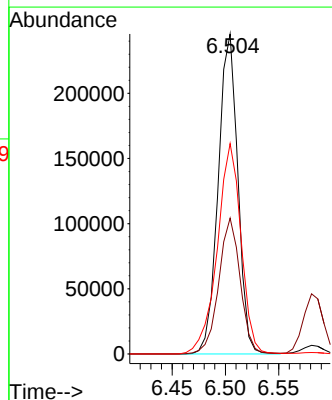
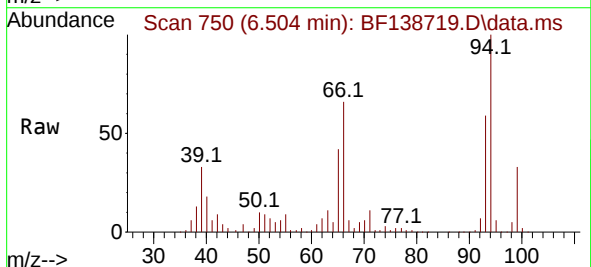
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Supervised By :mohammad ahmed 08/03/2024



#10
Phenol
Concen: 46.874 ng
RT: 6.504 min Scan# 750
Delta R.T. 0.006 min
Lab File: BF138719.D
Acq: 01 Aug 2024 12:20

Tgt Ion: 94 Resp: 313421
Ion Ratio Lower Upper
94 100
65 42.5 16.9 56.9
66 65.7 36.5 76.5





#11

bis(2-Chloroethyl)ether

Concen: 46.072 ng

RT: 6.581 min Scan# 764

Delta R.T. -0.006 min

Lab File: BF138719.D

Acq: 01 Aug 2024 12:20

Instrument :

BNA_F

ClientSampleId :

OU4-PCS-01-072324MSD

Tgt Ion: 93 Resp: 237060

Ion Ratio Lower Upper

93 100

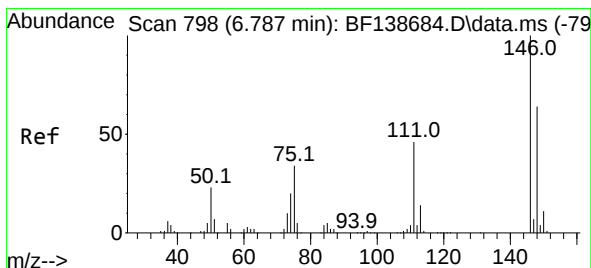
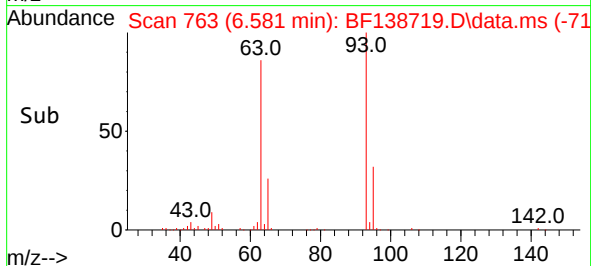
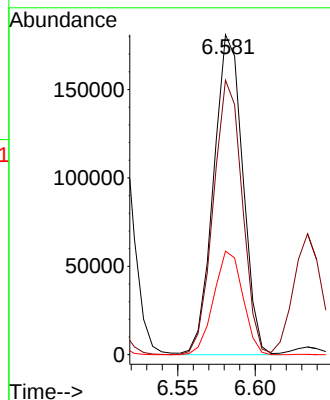
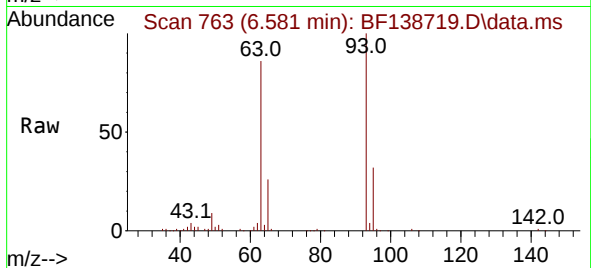
63 85.8 65.3 105.3

95 32.4 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: 44.150 ng

RT: 6.787 min Scan# 798

Delta R.T. 0.000 min

Lab File: BF138719.D

Acq: 01 Aug 2024 12:20

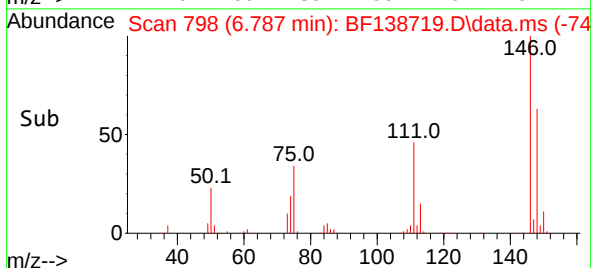
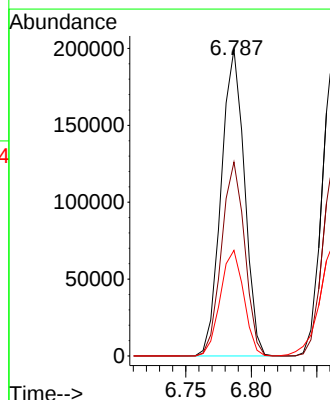
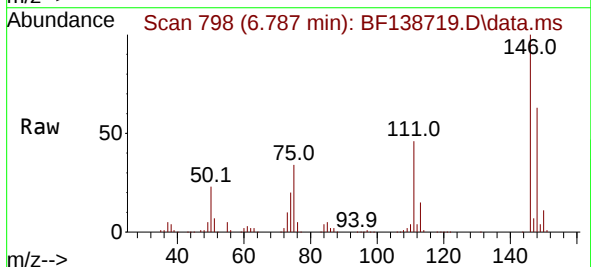
Tgt Ion:146 Resp: 245948

Ion Ratio Lower Upper

146 100

148 63.2 51.2 76.8

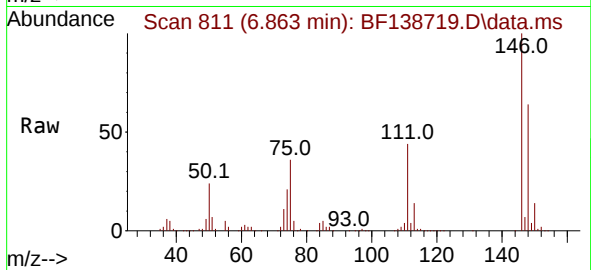
75 34.4 27.4 41.2





#13
1,4-Dichlorobenzene
Concen: 44.411 ng
RT: 6.863 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF138719.D
Acq: 01 Aug 2024 12:20

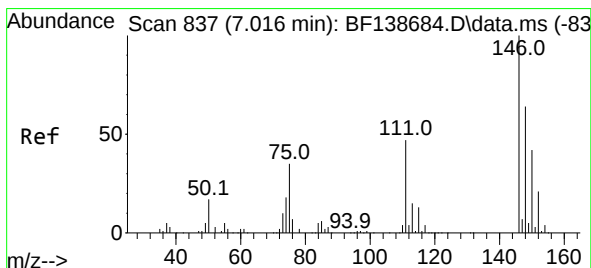
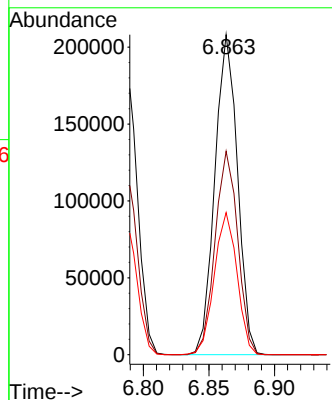
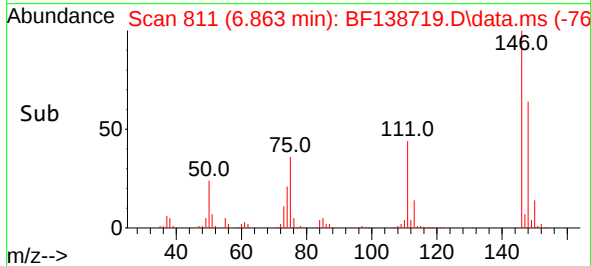
Instrument :
BNA_F
ClientSampleId :
OU4-PCS-01-072324MSD



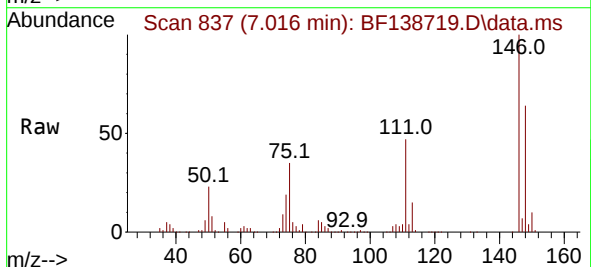
Tgt Ion:146 Resp: 24967
Ion Ratio Lower Upper
146 100
148 63.5 50.2 75.2
111 44.4 35.9 53.9

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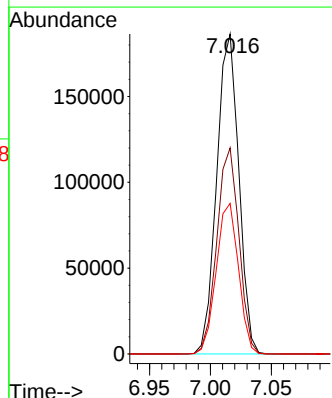
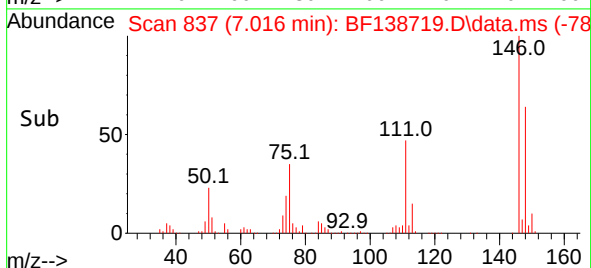
Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024



#14
1,2-Dichlorobenzene
Concen: 44.796 ng
RT: 7.016 min Scan# 837
Delta R.T. 0.000 min
Lab File: BF138719.D
Acq: 01 Aug 2024 12:20



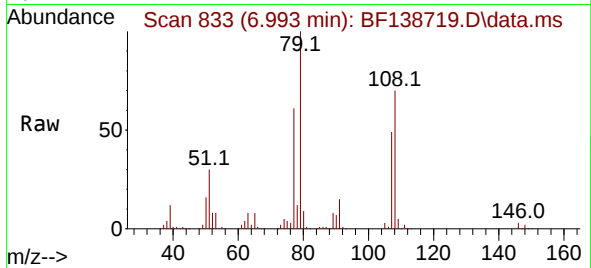
Tgt Ion:146 Resp: 235357
Ion Ratio Lower Upper
146 100
148 64.4 50.8 76.2
111 47.1 37.4 56.2





#15
Benzyl Alcohol
Concen: 50.684 ng
RT: 6.993 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF138719.D
Acq: 01 Aug 2024 12:20

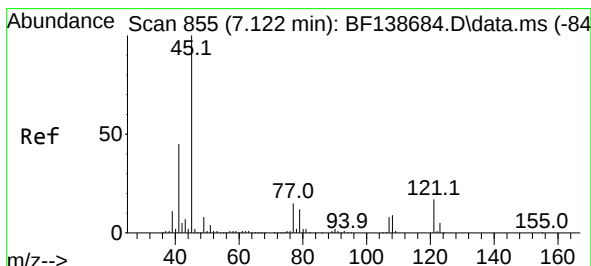
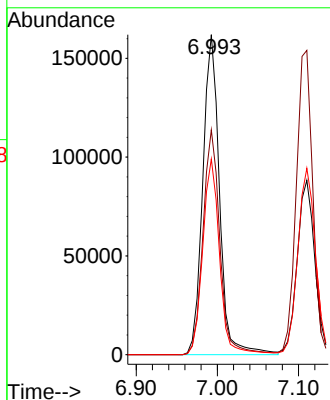
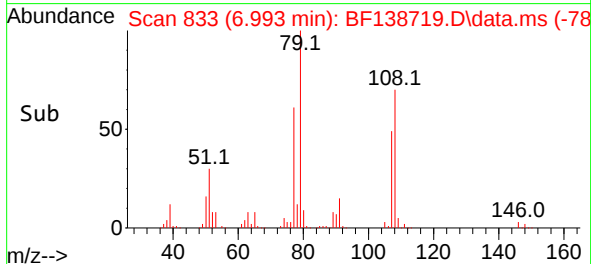
Instrument :
BNA_F
ClientSampleId :
OU4-PCS-01-072324MSD



Tgt Ion: 79 Resp: 23199
Ion Ratio Lower Upper
79 100
108 70.3 56.6 85.0
77 61.2 50.3 75.5

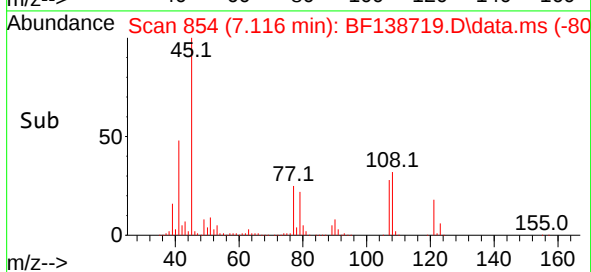
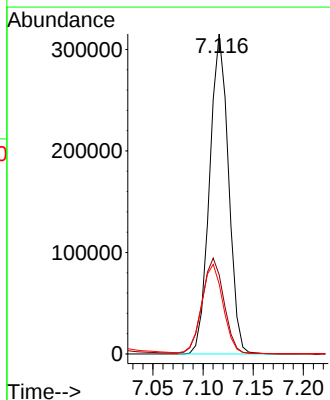
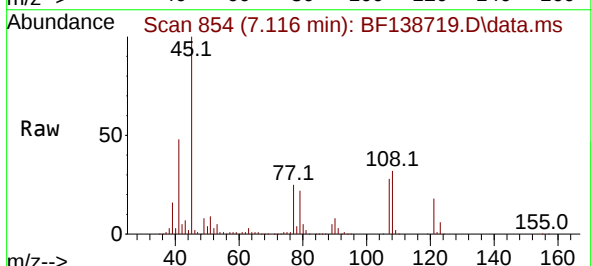
Manual Integrations
APPROVED

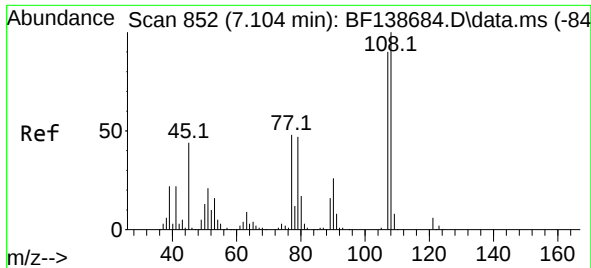
Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.678 ng
RT: 7.116 min Scan# 854
Delta R.T. -0.006 min
Lab File: BF138719.D
Acq: 01 Aug 2024 12:20

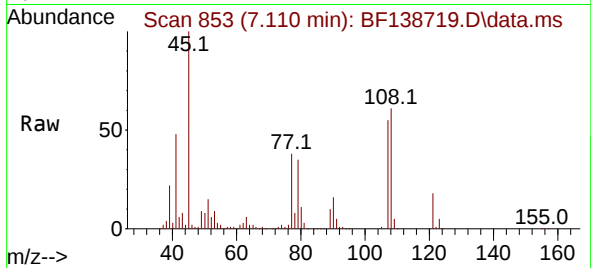
Tgt Ion: 45 Resp: 413340
Ion Ratio Lower Upper
45 100
77 24.7 0.0 34.9
79 21.9 0.0 32.2





#17
2-Methylphenol
Concen: 47.453 ng
RT: 7.110 min Scan# 853
Delta R.T. 0.006 min
Lab File: BF138719.D
Acq: 01 Aug 2024 12:20

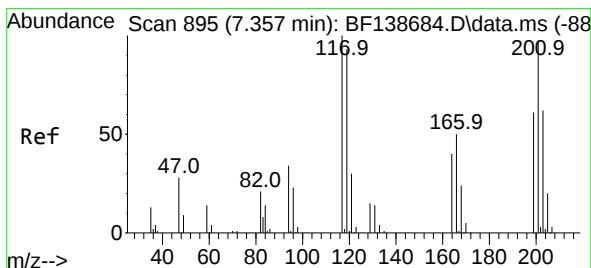
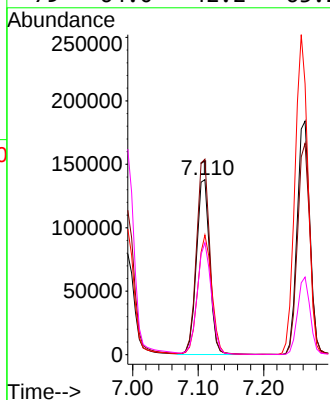
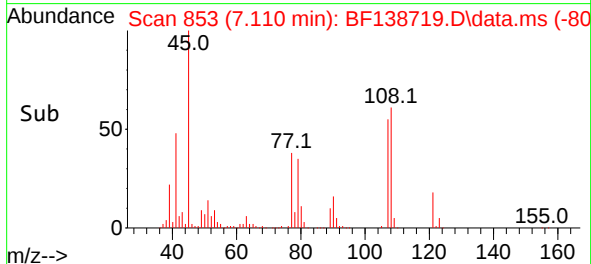
Instrument :
BNA_F
ClientSampleId :
OU4-PCS-01-072324MSD



Tgt Ion:107 Resp: 195004
Ion Ratio Lower Upper
107 100
108 111.6 89.2 133.8
77 68.4 43.0 64.4
79 64.0 42.2 63.2

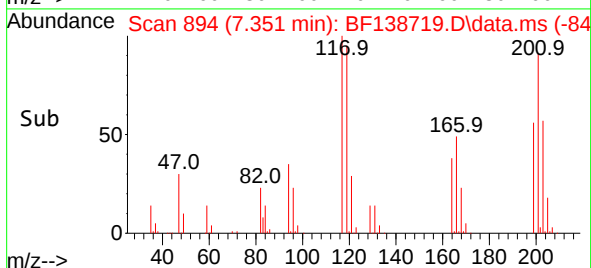
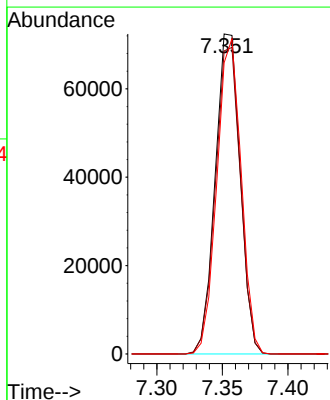
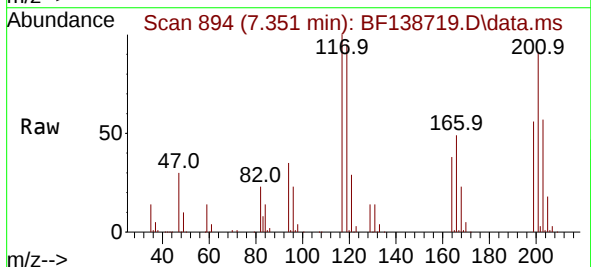
Manual Integrations
APPROVED

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



#18
Hexachloroethane
Concen: 45.301 ng
RT: 7.351 min Scan# 894
Delta R.T. -0.006 min
Lab File: BF138719.D
Acq: 01 Aug 2024 12:20

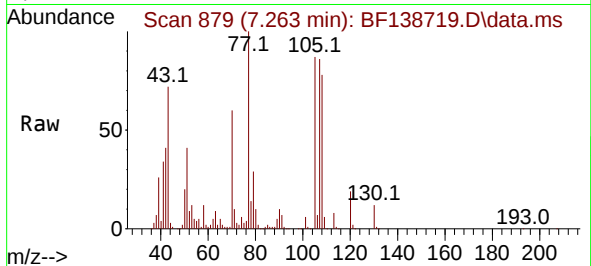
Tgt Ion:117 Resp: 95866
Ion Ratio Lower Upper
117 100
119 94.7 74.6 111.8
201 91.0 77.2 115.8





#19
n-Nitroso-di-n-propylamine
Concen: 48.803 ng
RT: 7.263 min Scan# 819
Delta R.T. 0.006 min
Lab File: BF138719.D
Acq: 01 Aug 2024 12:20

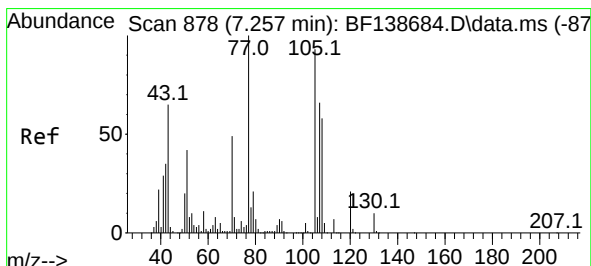
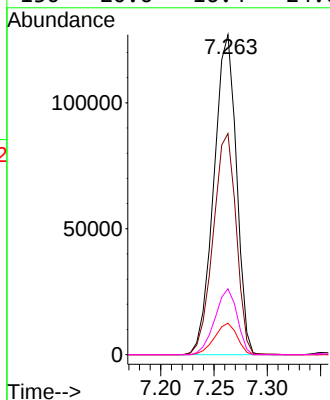
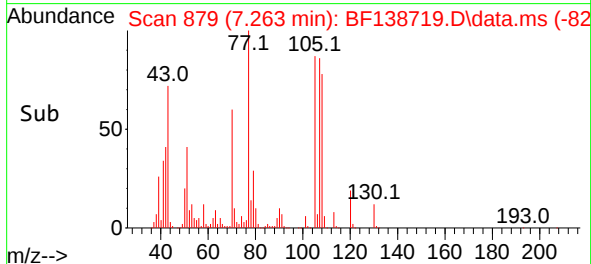
Instrument :
BNA_F
ClientSampleId :
OU4-PCS-01-072324MSD



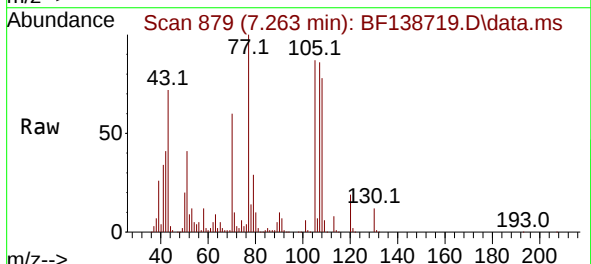
Tgt Ion: 70 Resp: 187190
Ion Ratio Lower Upper
70 100
42 69.1 57.4 86.0
101 9.8 7.5 11.3
130 20.6 16.4 24.6

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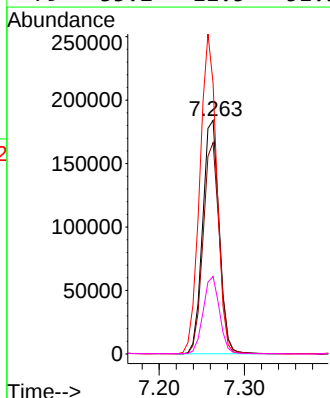
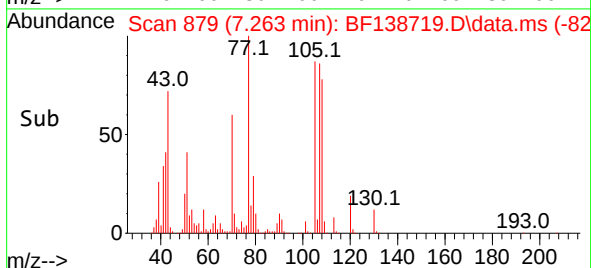
Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024

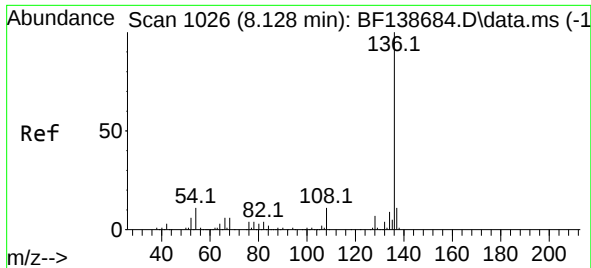


#20
3+4-Methylphenols
Concen: 46.928 ng
RT: 7.263 min Scan# 879
Delta R.T. 0.006 min
Lab File: BF138719.D
Acq: 01 Aug 2024 12:20



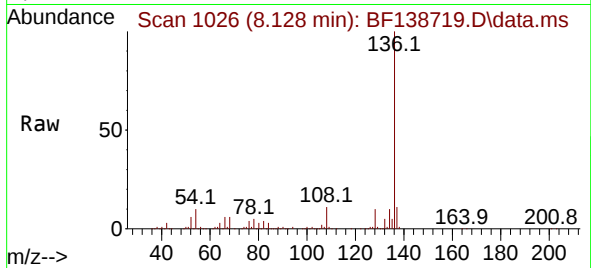
Tgt Ion:107 Resp: 247431
Ion Ratio Lower Upper
107 100
108 90.5 68.2 108.2
77 115.9 132.1 172.1#
79 33.2 11.5 51.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1026
Delta R.T. -0.000 min
Lab File: BF138719.D
Acq: 01 Aug 2024 12:20

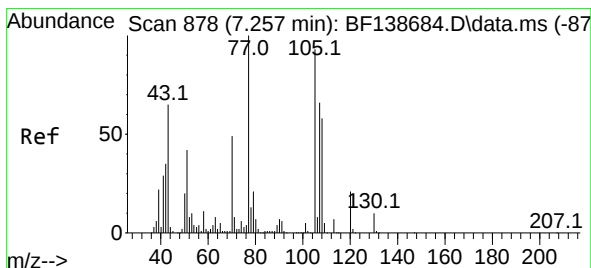
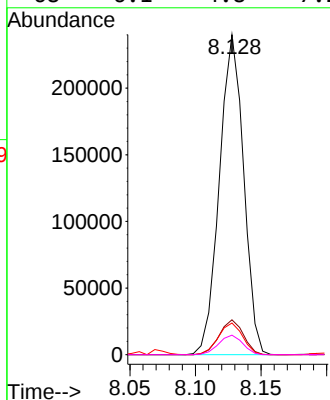
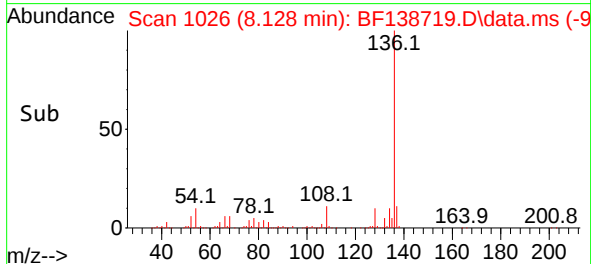
Instrument :
BNA_F
ClientSampleId :
OU4-PCS-01-072324MSD



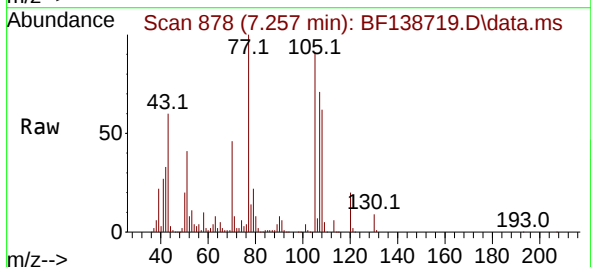
Tgt Ion:136 Resp: 30845
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 9.9 8.6 12.8
68 6.1 4.8 7.2

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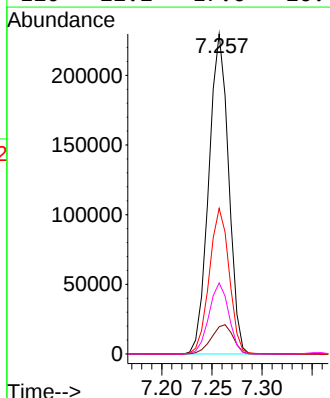
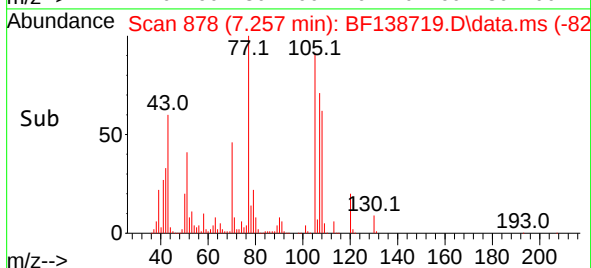
Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024



#22
Acetophenone
Concen: 41.846 ng
RT: 7.257 min Scan# 878
Delta R.T. 0.000 min
Lab File: BF138719.D
Acq: 01 Aug 2024 12:20



Tgt Ion:105 Resp: 316044
Ion Ratio Lower Upper
105 100
71 8.5 7.2 10.8
51 45.5 35.9 53.9
120 22.2 17.6 26.4





#23

Nitrobenzene-d5

Concen: 62.143 ng

RT: 7.410 min Scan# 904

Delta R.T. 0.000 min

Lab File: BF138719.D

Acq: 01 Aug 2024 12:20

Instrument :

BNA_F

ClientSampleId :

OU4-PCS-01-072324MSD

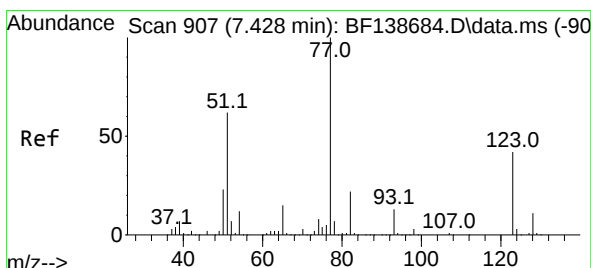
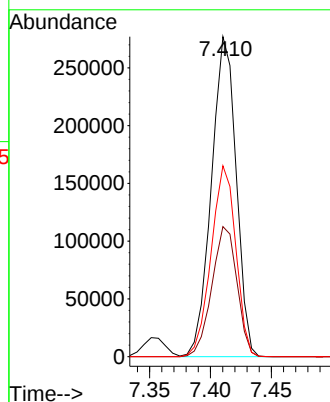
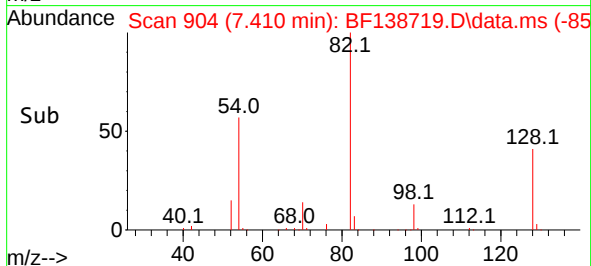
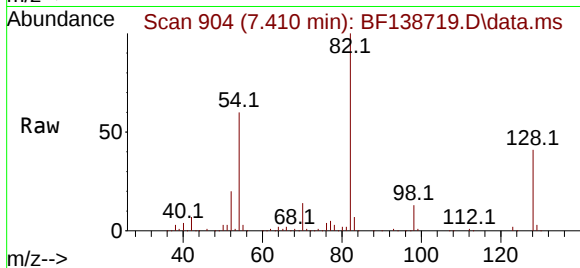
Tgt Ion: 82 Resp: 392065

Ion	Ratio	Lower	Upper
82	100		
128	40.7	32.8	49.2
54	59.6	48.3	72.5

Manual Integrations

APPROVED

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



#24

Nitrobenzene

Concen: 42.911 ng

RT: 7.434 min Scan# 908

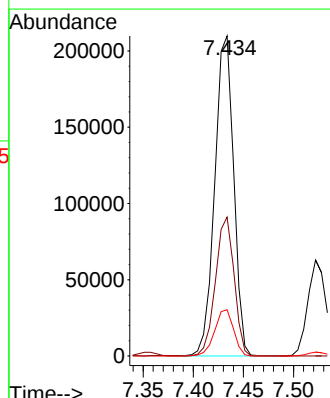
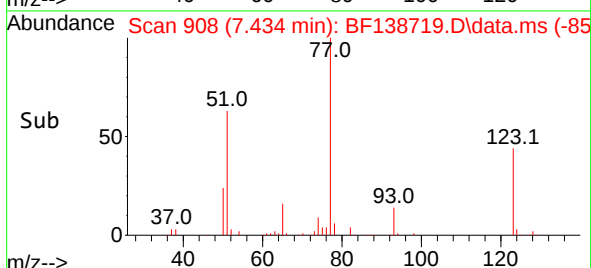
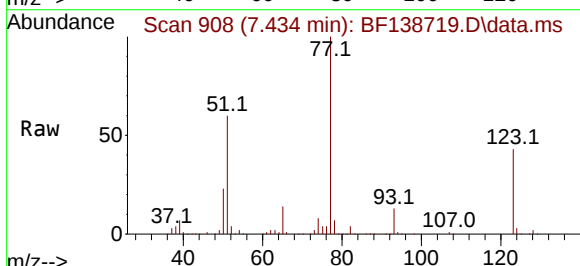
Delta R.T. 0.006 min

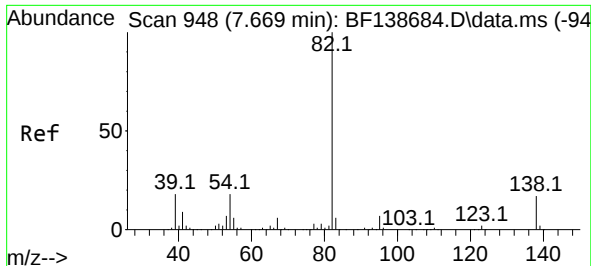
Lab File: BF138719.D

Acq: 01 Aug 2024 12:20

Tgt Ion: 77 Resp: 275486

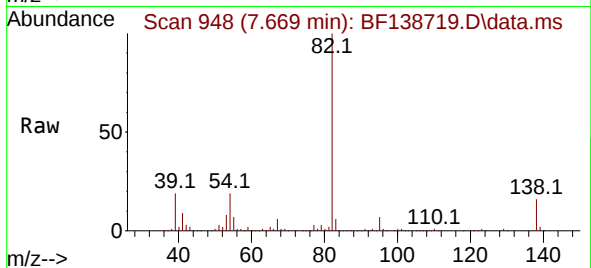
Ion	Ratio	Lower	Upper
77	100		
123	43.4	33.3	49.9
65	14.4	11.9	17.9





#25
Isophorone
Concen: 47.040 ng
RT: 7.669 min Scan# 948
Delta R.T. 0.000 min
Lab File: BF138719.D
Acq: 01 Aug 2024 12:20

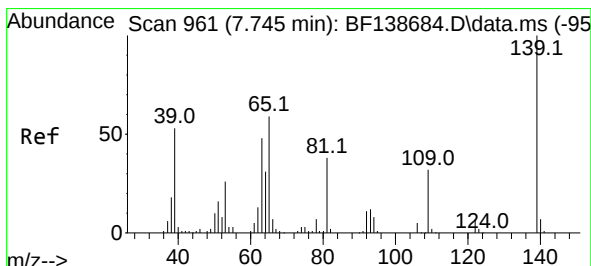
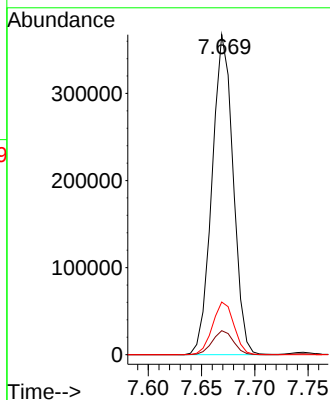
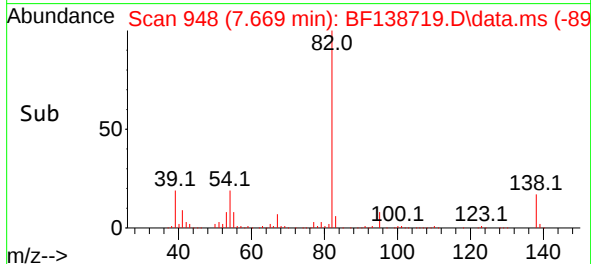
Instrument :
BNA_F
ClientSampleId :
OU4-PCS-01-072324MSD



Tgt Ion: 82 Resp: 506764
Ion Ratio Lower Upper
82 100
95 7.5 5.7 8.5
138 16.5 13.7 20.5

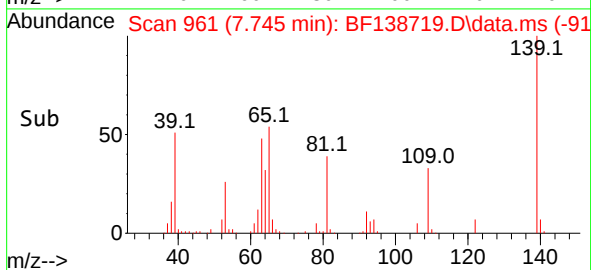
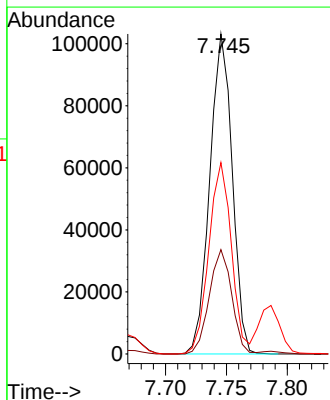
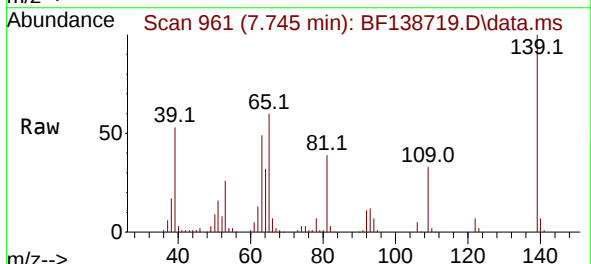
Manual Integrations
APPROVED

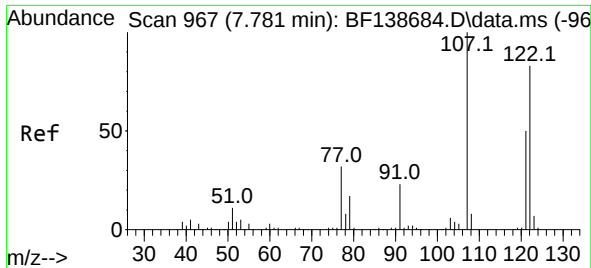
Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024



#26
2-Nitrophenol
Concen: 47.909 ng
RT: 7.745 min Scan# 961
Delta R.T. 0.000 min
Lab File: BF138719.D
Acq: 01 Aug 2024 12:20

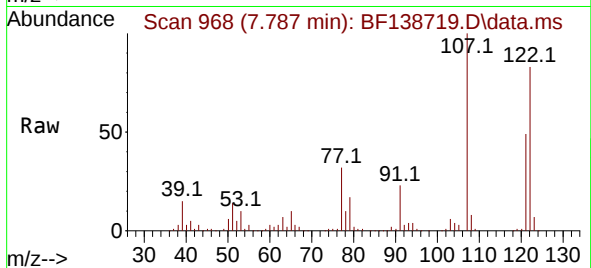
Tgt Ion:139 Resp: 132326
Ion Ratio Lower Upper
139 100
109 32.6 25.9 38.9
65 59.8 47.0 70.6





#27
2,4-Dimethylphenol
Concen: 50.216 ng
RT: 7.787 min Scan# 967
Delta R.T. 0.006 min
Lab File: BF138719.D
Acq: 01 Aug 2024 12:20

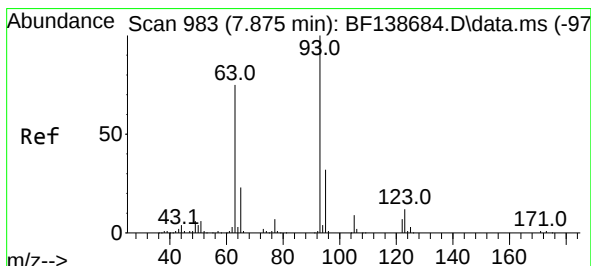
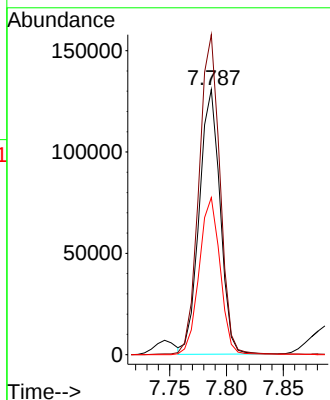
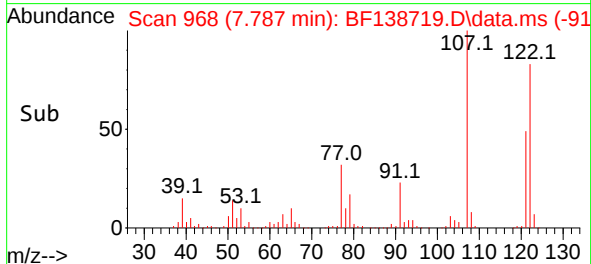
Instrument :
BNA_F
ClientSampleId :
OU4-PCS-01-072324MSD



Tgt Ion:122 Resp: 165948
Ion Ratio Lower Upper
122 100
107 120.7 95.0 142.6
121 59.3 47.3 70.9

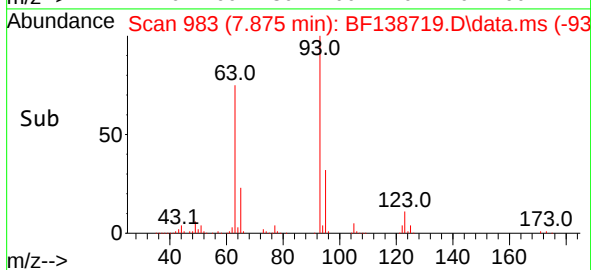
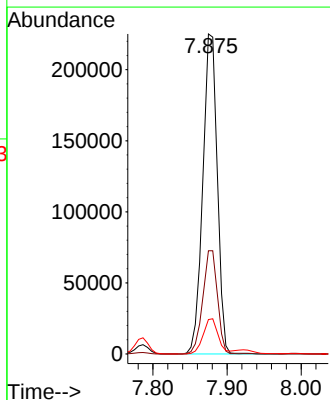
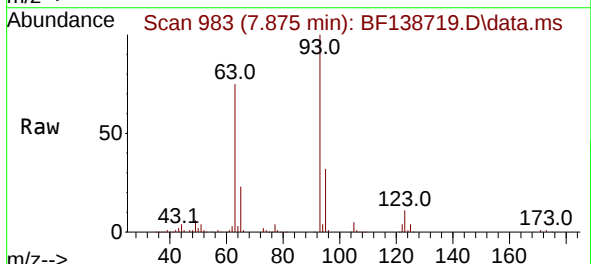
Manual Integrations
APPROVED

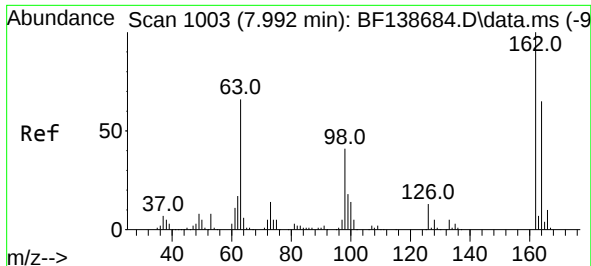
Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024



#28
bis(2-Chloroethoxy)methane
Concen: 46.748 ng
RT: 7.875 min Scan# 983
Delta R.T. 0.000 min
Lab File: BF138719.D
Acq: 01 Aug 2024 12:20

Tgt Ion: 93 Resp: 306684
Ion Ratio Lower Upper
93 100
95 32.3 25.8 38.8
123 10.7 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 46.673 ng

RT: 7.992 min Scan# 1003

Delta R.T. 0.000 min

Lab File: BF138719.D

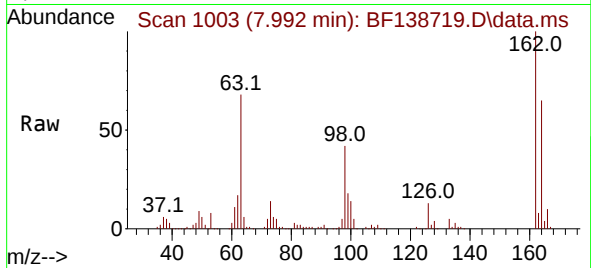
Acq: 01 Aug 2024 12:20

Instrument :

BNA_F

ClientSampleId :

OU4-PCS-01-072324MSD

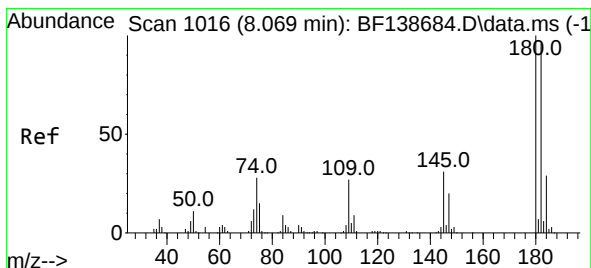
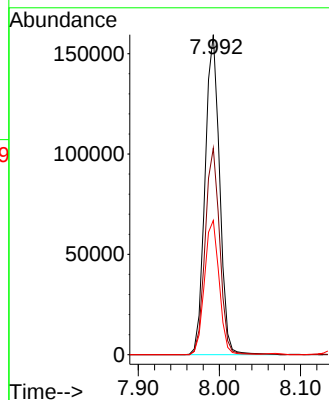
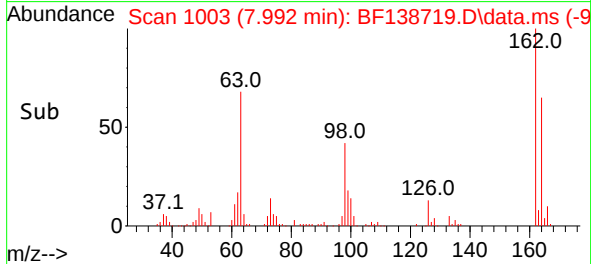


Tgt Ion:	162	Resp:	198190
Ion Ratio	Lower	Upper	
162	100		
164	64.6	44.7	84.7
98	41.9	20.8	60.8

Manual Integrations

APPROVED

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



#30

1,2,4-Trichlorobenzene

Concen: 43.577 ng

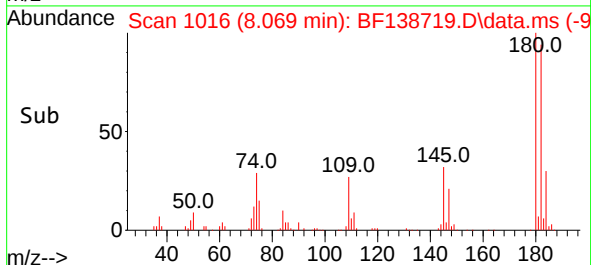
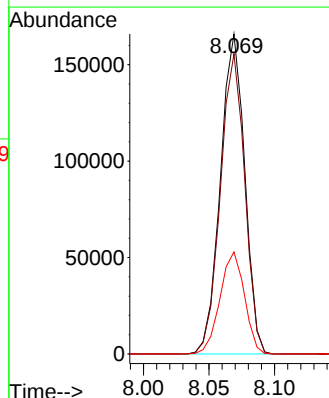
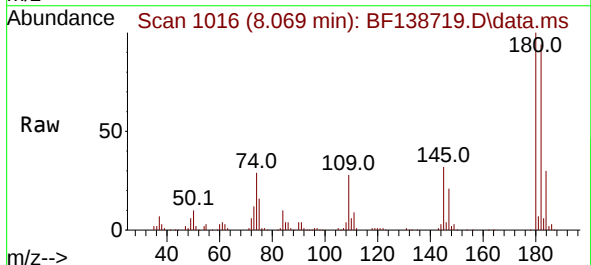
RT: 8.069 min Scan# 1016

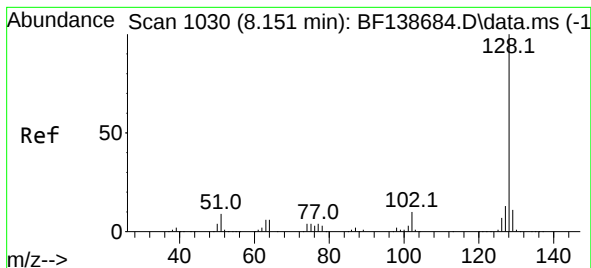
Delta R.T. 0.000 min

Lab File: BF138719.D

Acq: 01 Aug 2024 12:20

Tgt Ion:	180	Resp:	213549
Ion Ratio	Lower	Upper	
180	100		
182	93.8	76.9	115.3
145	31.9	25.0	37.4





#31

Naphthalene

Concen: 44.140 ng

RT: 8.151 min Scan# 1030

Delta R.T. 0.000 min

Lab File: BF138719.D

Acq: 01 Aug 2024 12:20

Instrument :

BNA_F

ClientSampleId :

OU4-PCS-01-072324MSD

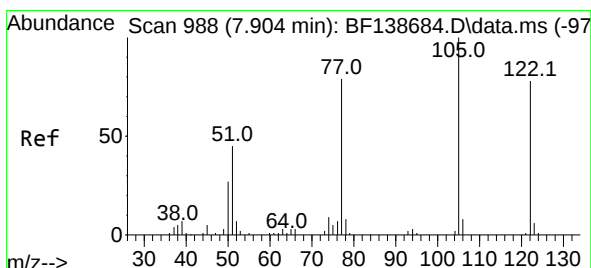
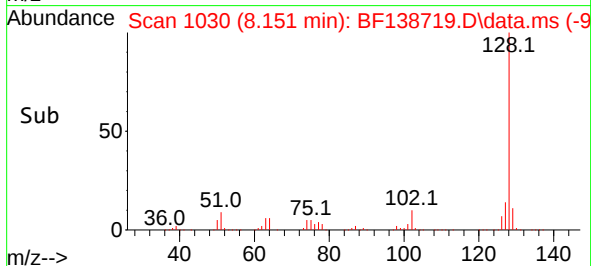
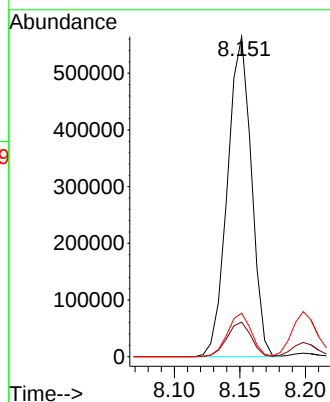
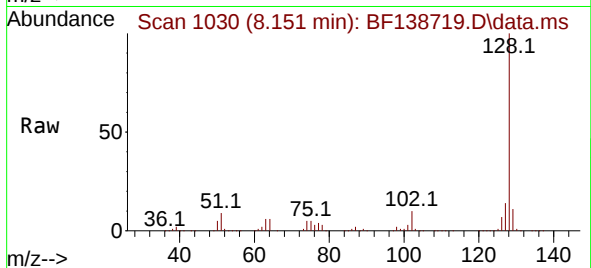
Tgt Ion:128 Resp: 71666

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.7	13.1
127	13.6	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: 39.629 ng

RT: 7.922 min Scan# 991

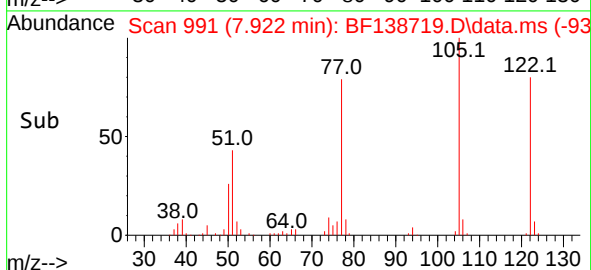
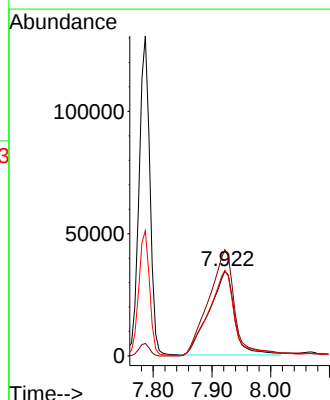
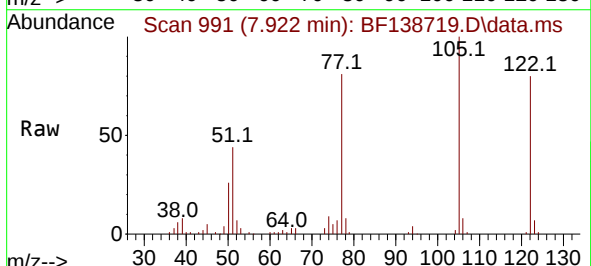
Delta R.T. 0.018 min

Lab File: BF138719.D

Acq: 01 Aug 2024 12:20

Tgt Ion:122 Resp: 102947

Ion	Ratio	Lower	Upper
122	100		
105	125.2	106.7	146.7
77	100.8	81.1	121.1





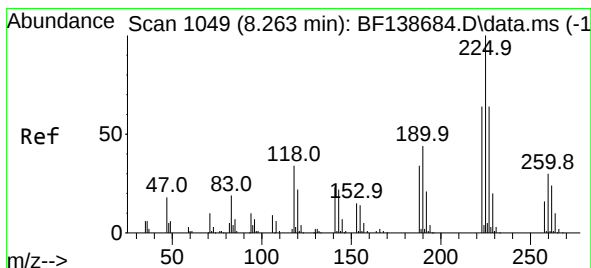
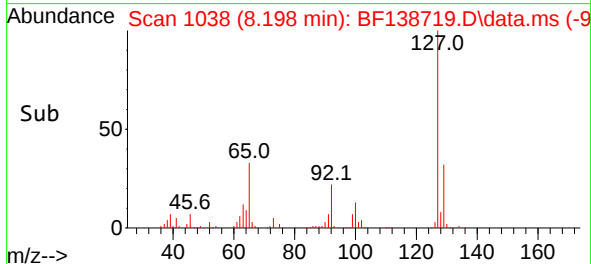
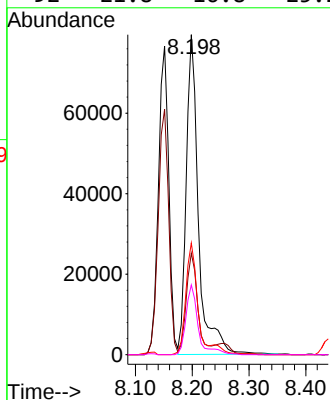
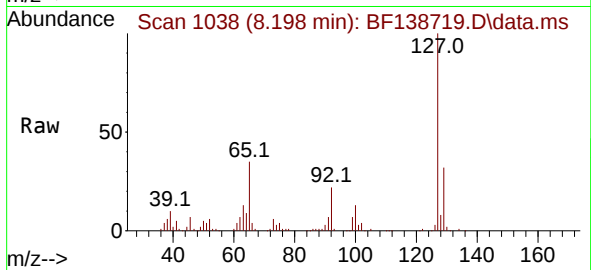
#33
4-Chloroaniline
Concen: 21.852 ng
RT: 8.198 min Scan# 1038
Delta R.T. -0.006 min
Lab File: BF138719.D
Acq: 01 Aug 2024 12:20

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

Tgt Ion:	127	Resp:	11909
Ion Ratio	Lower	Upper	
127	100		
129	31.7	25.9	38.9
65	34.9	27.6	41.4
92	21.8	16.8	25.2

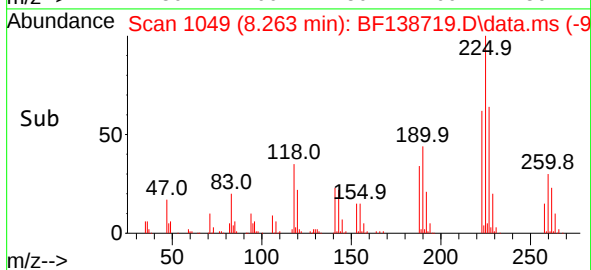
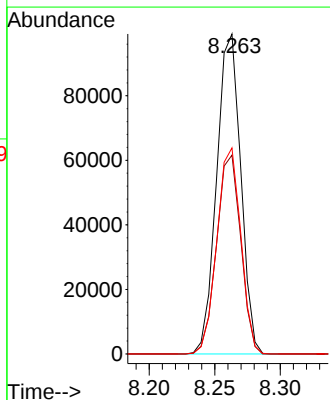
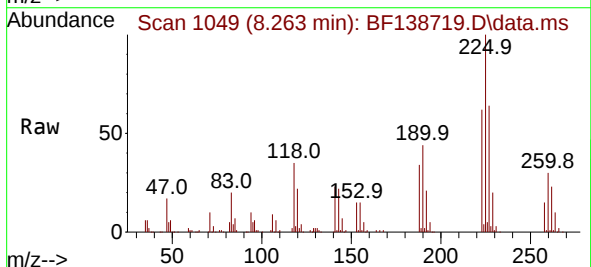
Manual Integrations
APPROVED

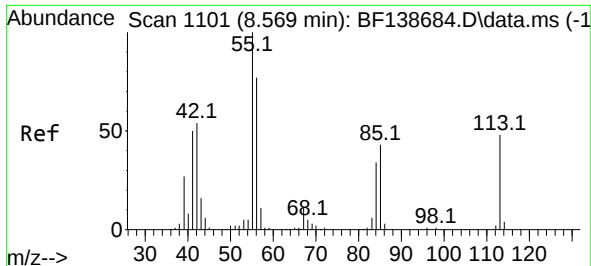
Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024



#34
Hexachlorobutadiene
Concen: 42.627 ng
RT: 8.263 min Scan# 1049
Delta R.T. 0.000 min
Lab File: BF138719.D
Acq: 01 Aug 2024 12:20

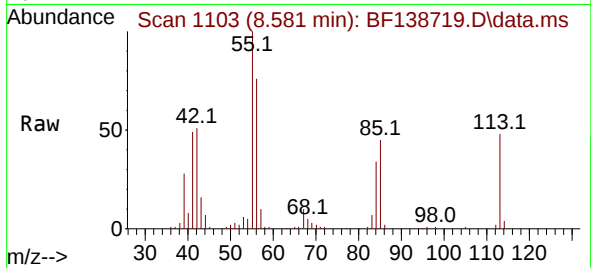
Tgt Ion:	225	Resp:	126527
Ion Ratio	Lower	Upper	
225	100		
223	62.2	51.2	76.8
227	64.4	51.1	76.7





#35
Caprolactam
Concen: 46.541 ng m
RT: 8.581 min Scan# 1103
Delta R.T. 0.012 min
Lab File: BF138719.D
Acq: 01 Aug 2024 12:20

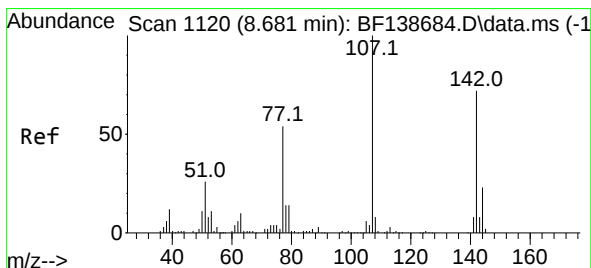
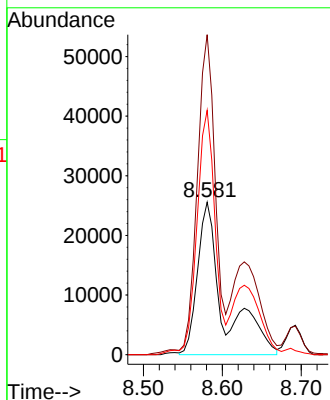
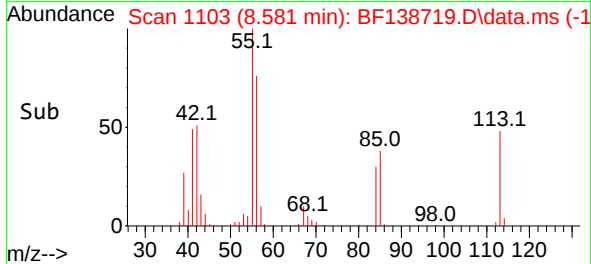
Instrument :
BNA_F
ClientSampleId :
OU4-PCS-01-072324MSD



Tgt Ion:113 Resp: 58972
Ion Ratio Lower Upper
113 100
55 209.9 186.7 226.7
56 160.2 138.9 178.9

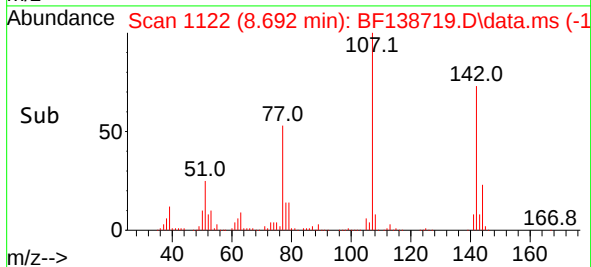
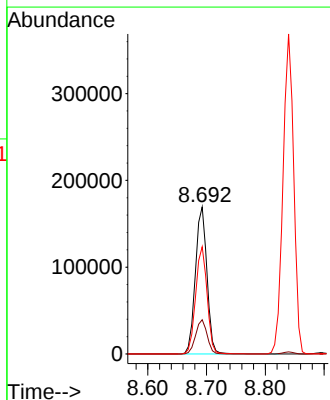
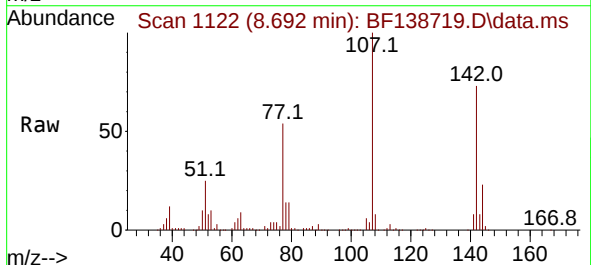
Manual Integrations
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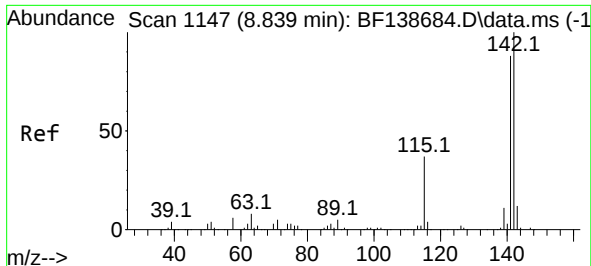
Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024



#36
4-Chloro-3-methylphenol
Concen: 47.577 ng
RT: 8.692 min Scan# 1122
Delta R.T. 0.012 min
Lab File: BF138719.D
Acq: 01 Aug 2024 12:20

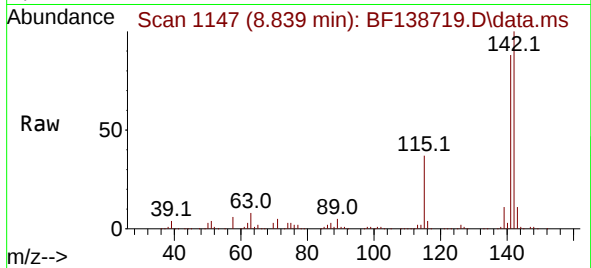
Tgt Ion:107 Resp: 230894
Ion Ratio Lower Upper
107 100
144 23.3 18.2 27.2
142 72.9 57.4 86.2





#37
2-Methylnaphthalene
Concen: 45.473 ng
RT: 8.839 min Scan# 1147
Delta R.T. 0.000 min
Lab File: BF138719.D
Acq: 01 Aug 2024 12:20

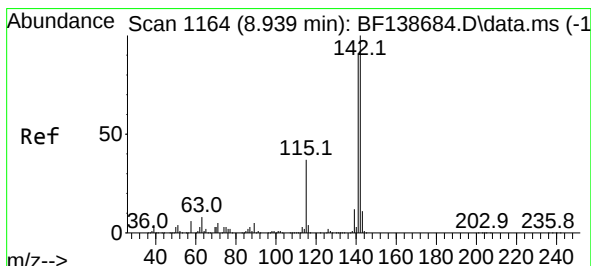
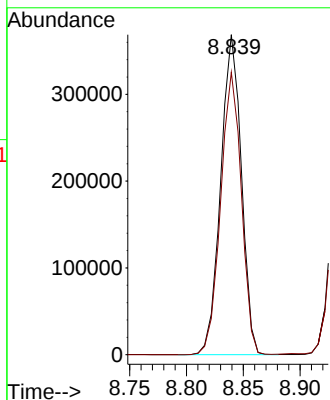
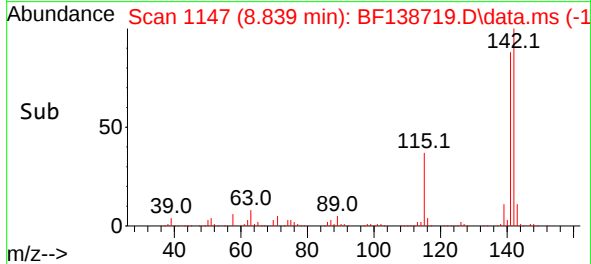
Instrument :
BNA_F
ClientSampleId :
OU4-PCS-01-072324MSD



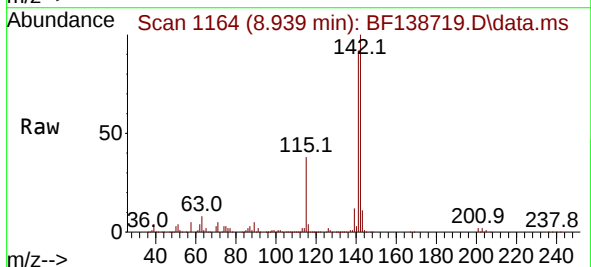
Tgt Ion:142 Resp: 466280
Ion Ratio Lower Upper
142 100
141 88.3 70.8 106.2

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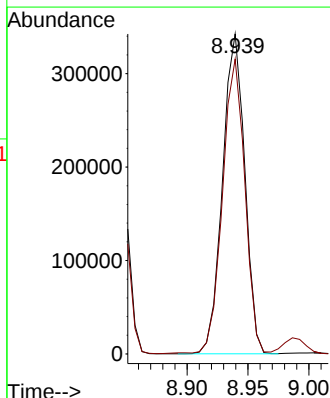
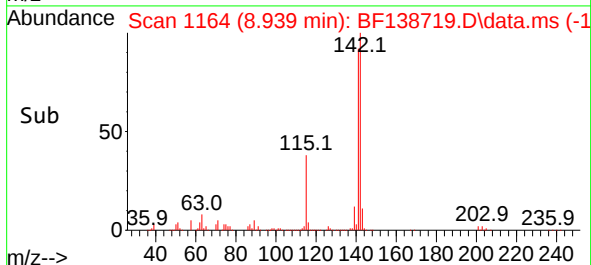
Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024

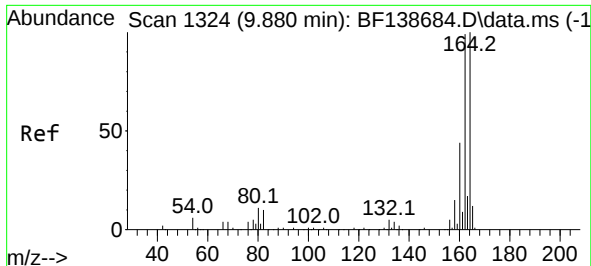


#38
1-Methylnaphthalene
Concen: 43.177 ng
RT: 8.939 min Scan# 1164
Delta R.T. 0.000 min
Lab File: BF138719.D
Acq: 01 Aug 2024 12:20



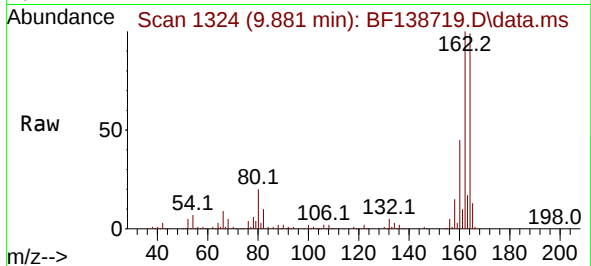
Tgt Ion:142 Resp: 433840
Ion Ratio Lower Upper
142 100
141 92.2 73.1 109.7





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.881 min Scan# 1175
Delta R.T. 0.001 min
Lab File: BF138719.D
Acq: 01 Aug 2024 12:20

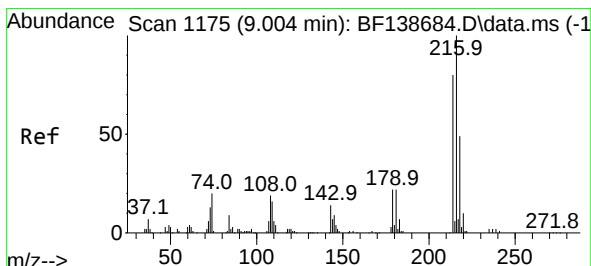
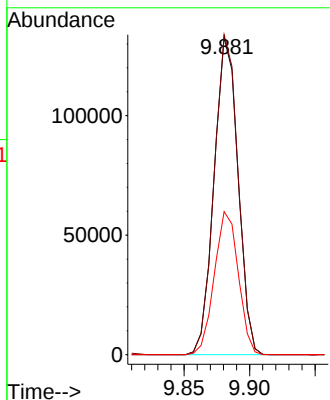
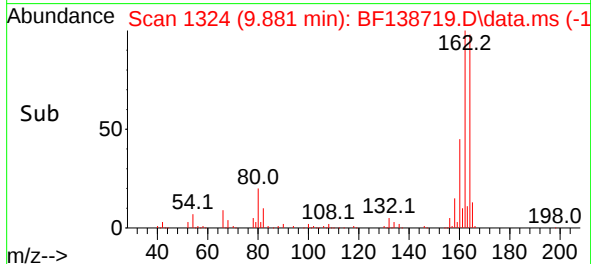
Instrument :
BNA_F
ClientSampleId :
OU4-PCS-01-072324MSD



Tgt Ion:164 Resp: 16818
Ion Ratio Lower Upper
164 100
162 100.9 79.4 119.0
160 45.1 35.1 52.7

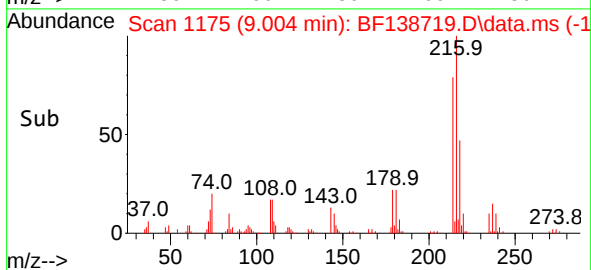
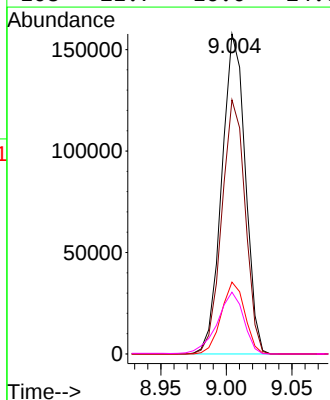
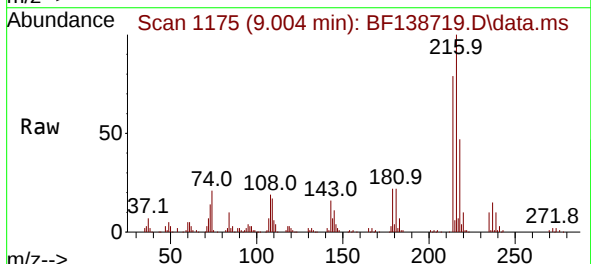
Manual Integrations
APPROVED

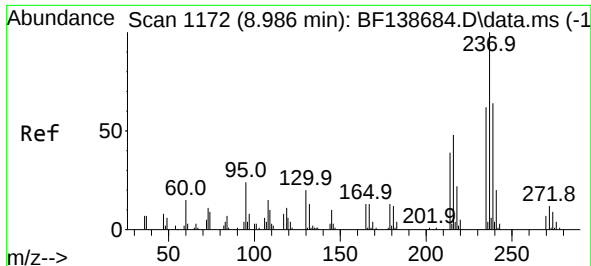
Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024



#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.180 ng
RT: 9.004 min Scan# 1175
Delta R.T. 0.000 min
Lab File: BF138719.D
Acq: 01 Aug 2024 12:20

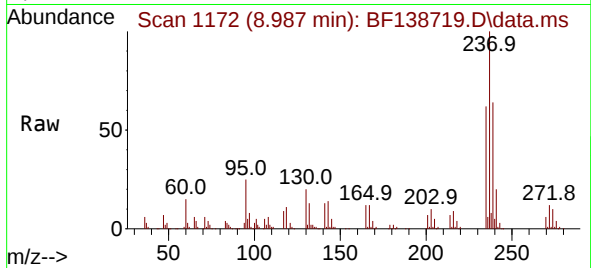
Tgt Ion:216 Resp: 197061
Ion Ratio Lower Upper
216 100
214 78.8 63.9 95.9
179 22.4 17.8 26.6
108 21.7 16.0 24.0





#41
Hexachlorocyclopentadiene
Concen: 133.283 ng
RT: 8.987 min Scan# 1172
Delta R.T. 0.001 min
Lab File: BF138719.D
Acq: 01 Aug 2024 12:20

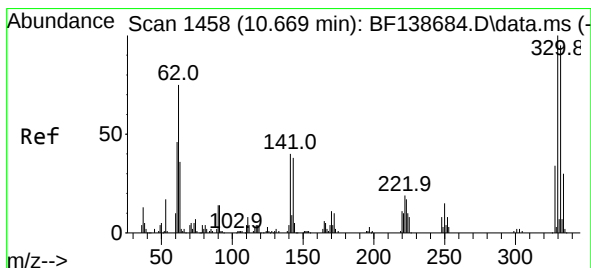
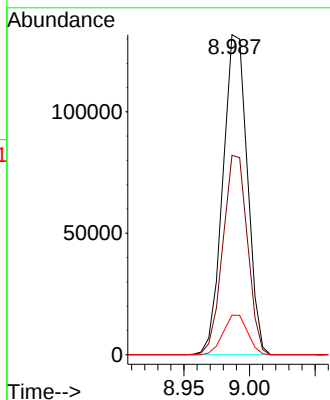
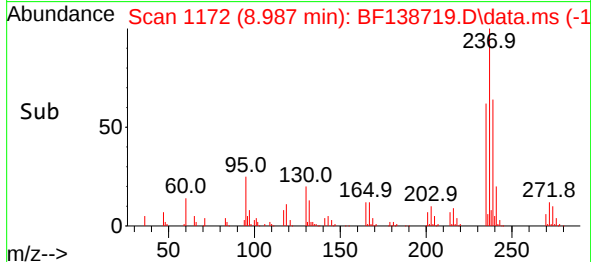
Instrument :
BNA_F
ClientSampleId :
OU4-PCS-01-072324MSD



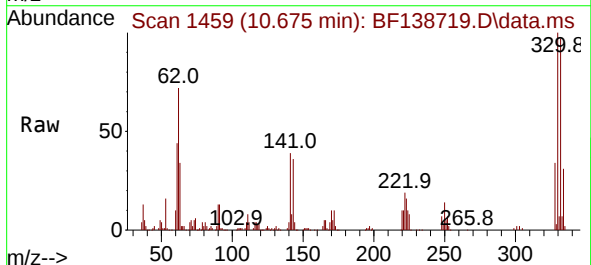
Tgt Ion:237 Resp: 171100
Ion Ratio Lower Upper
237 100
235 62.3 41.8 81.8
272 12.3 0.0 32.2

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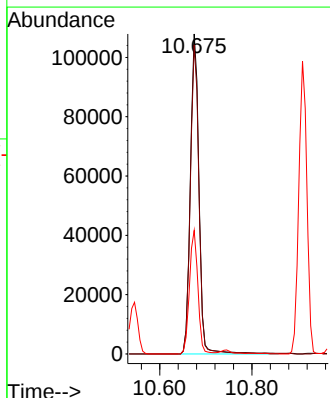
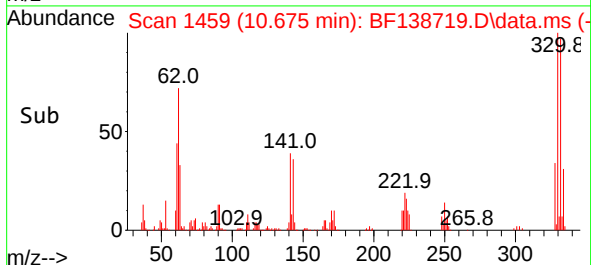
Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024

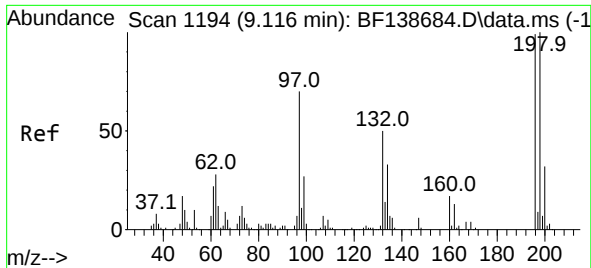


#42
2,4,6-Tribromophenol
Concen: 101.560 ng
RT: 10.675 min Scan# 1459
Delta R.T. 0.006 min
Lab File: BF138719.D
Acq: 01 Aug 2024 12:20



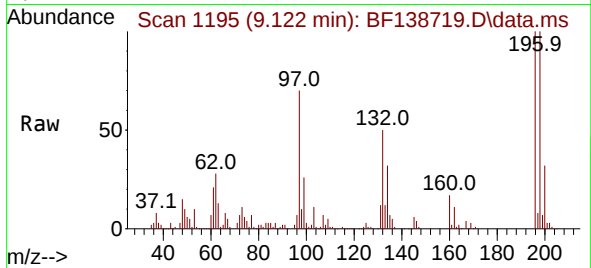
Tgt Ion:330 Resp: 139913
Ion Ratio Lower Upper
330 100
332 96.1 76.4 114.6
141 37.7 31.1 46.7





#43
2,4,6-Trichlorophenol
Concen: 46.678 ng
RT: 9.122 min Scan# 1194
Delta R.T. 0.006 min
Lab File: BF138719.D
Acq: 01 Aug 2024 12:20

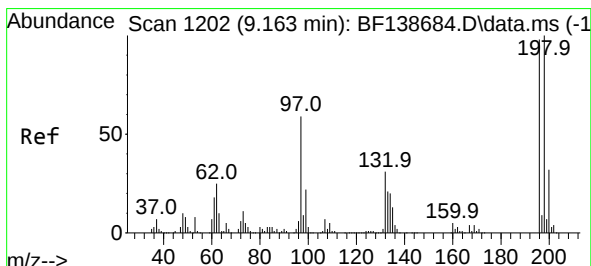
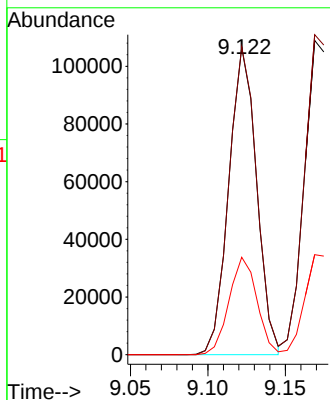
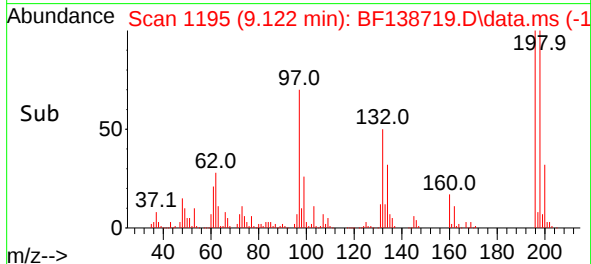
Instrument :
BNA_F
ClientSampleId :
OU4-PCS-01-072324MSD



Tgt Ion:196 Resp: 132964
Ion Ratio Lower Upper
196 100
198 100.3 80.5 120.7
200 31.7 25.9 38.9

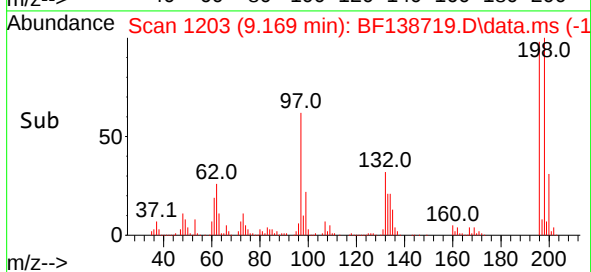
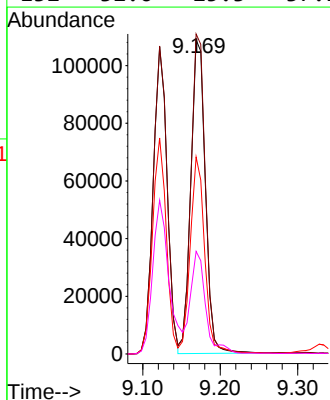
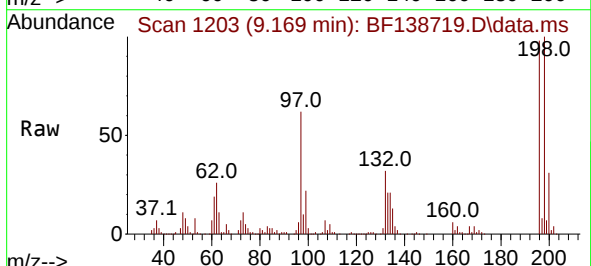
Manual Integrations
APPROVED

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



#44
2,4,5-Trichlorophenol
Concen: 45.468 ng
RT: 9.169 min Scan# 1203
Delta R.T. 0.006 min
Lab File: BF138719.D
Acq: 01 Aug 2024 12:20

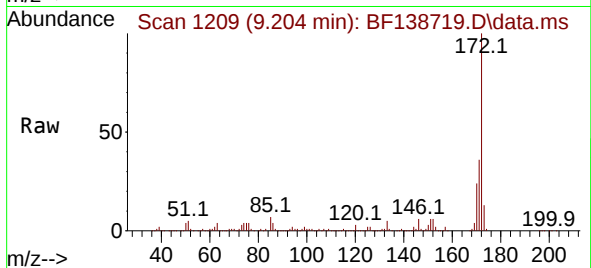
Tgt Ion:196 Resp: 141587
Ion Ratio Lower Upper
196 100
198 101.8 81.2 121.8
97 62.7 47.8 71.6
132 32.6 25.3 37.9





#45
2-Fluorobiphenyl
Concen: 61.676 ng
RT: 9.204 min Scan# 1209
Delta R.T. 0.000 min
Lab File: BF138719.D
Acq: 01 Aug 2024 12:20

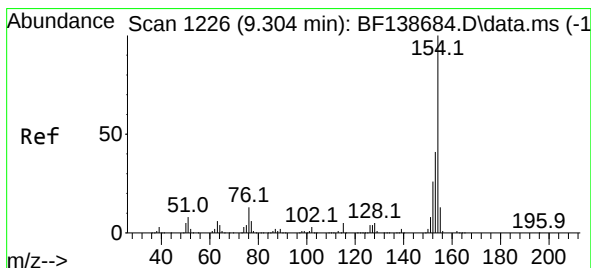
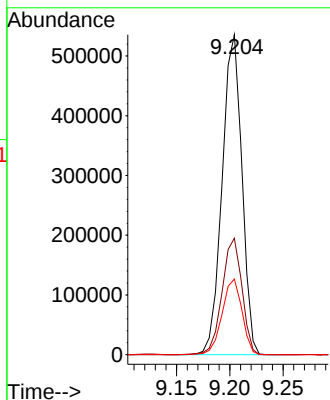
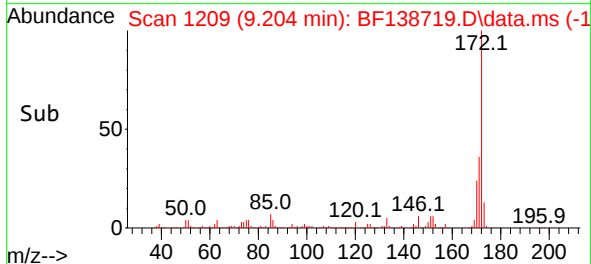
Instrument :
BNA_F
ClientSampleId :
OU4-PCS-01-072324MSD



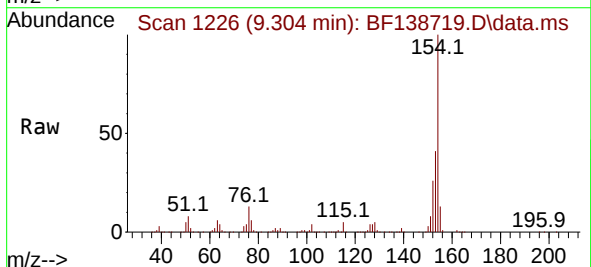
Tgt Ion:172 Resp: 690374
Ion Ratio Lower Upper
172 100
171 36.4 28.3 42.5
170 23.7 18.8 28.2

Manual Integrations
APPROVED

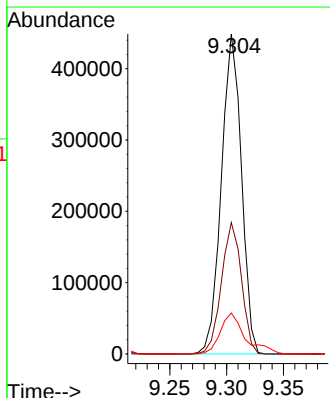
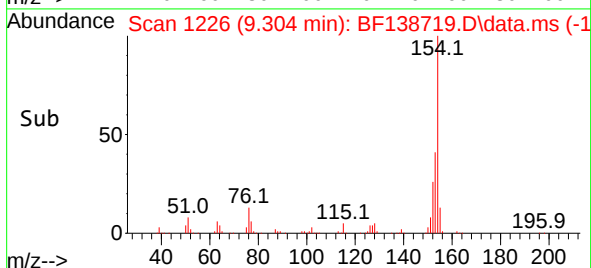
Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024

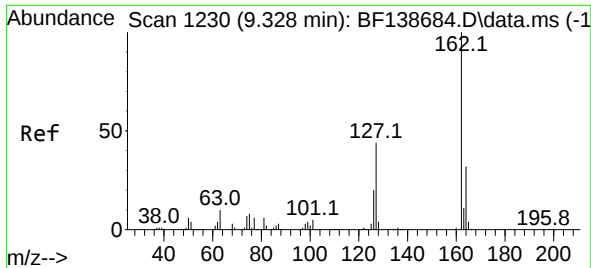


#46
1,1'-Biphenyl
Concen: 41.800 ng
RT: 9.304 min Scan# 1226
Delta R.T. 0.000 min
Lab File: BF138719.D
Acq: 01 Aug 2024 12:20



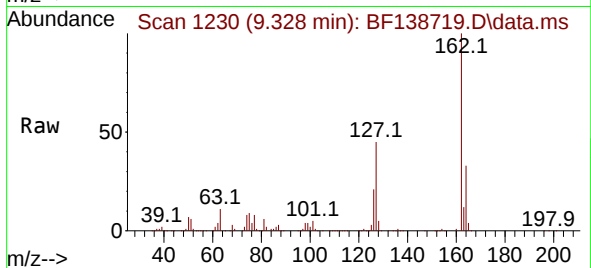
Tgt Ion:154 Resp: 550577
Ion Ratio Lower Upper
154 100
153 41.0 20.8 60.8
76 12.8 0.0 32.8





#47
2-Chloronaphthalene
Concen: 43.980 ng
RT: 9.328 min Scan# 1230
Delta R.T. 0.000 min
Lab File: BF138719.D
Acq: 01 Aug 2024 12:20

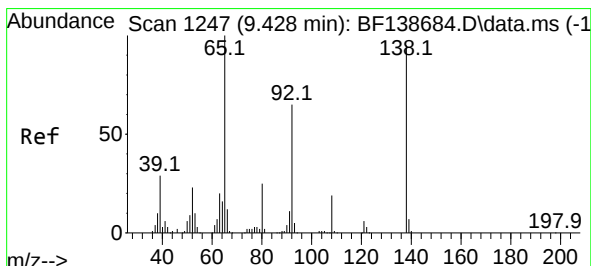
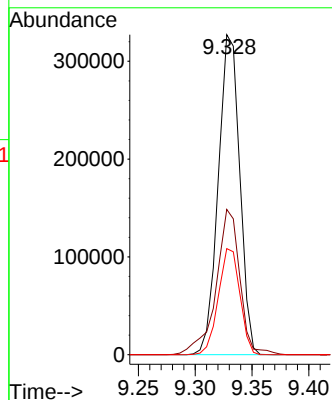
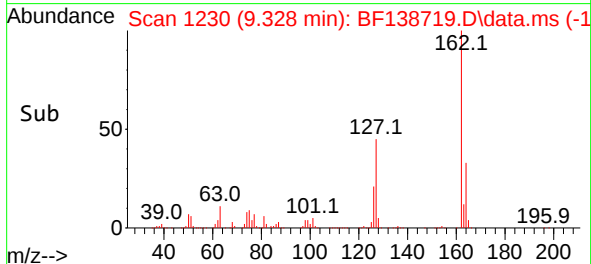
Instrument :
BNA_F
ClientSampleId :
OU4-PCS-01-072324MSD



Tgt Ion:162 Resp: 430838
Ion Ratio Lower Upper
162 100
127 45.4 35.4 53.2
164 33.2 25.6 38.4

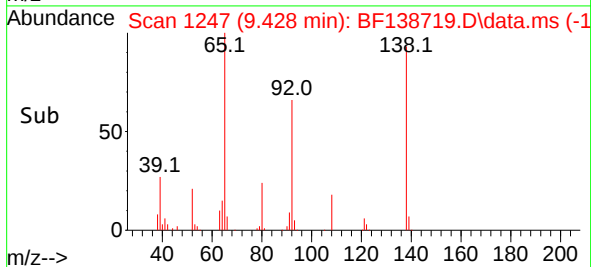
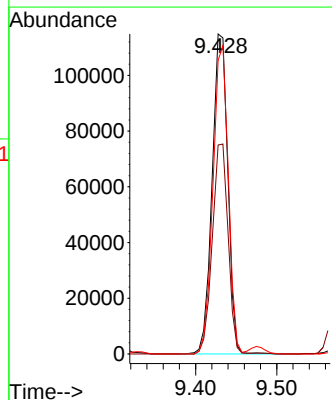
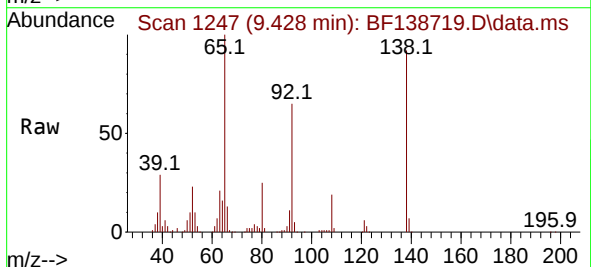
Manual Integrations
APPROVED

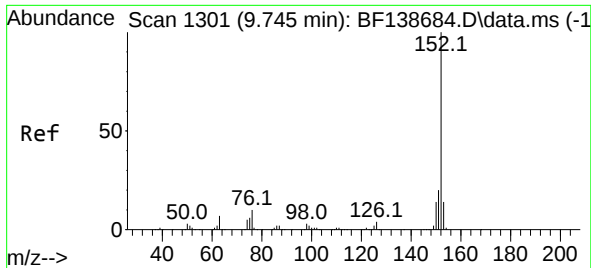
Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024



#48
2-Nitroaniline
Concen: 46.377 ng
RT: 9.428 min Scan# 1247
Delta R.T. 0.000 min
Lab File: BF138719.D
Acq: 01 Aug 2024 12:20

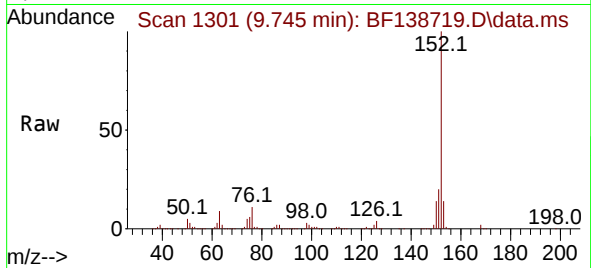
Tgt Ion: 65 Resp: 154020
Ion Ratio Lower Upper
65 100
92 65.3 52.0 78.0
138 91.8 76.2 114.4





#49
Acenaphthylene
Concen: 49.581 ng
RT: 9.745 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF138719.D
Acq: 01 Aug 2024 12:20

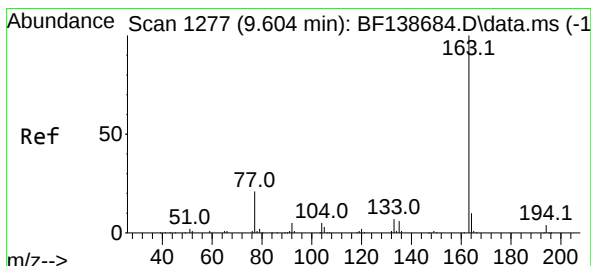
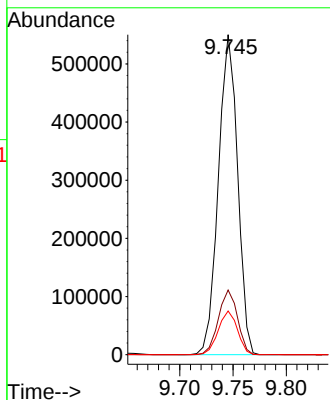
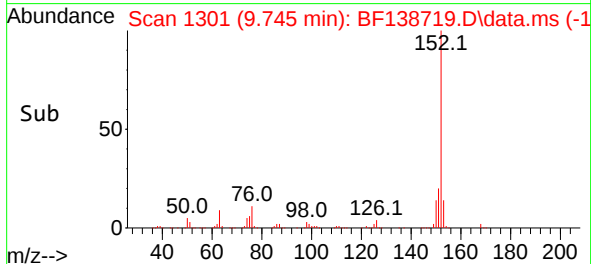
Instrument :
BNA_F
ClientSampleId :
OU4-PCS-01-072324MSD



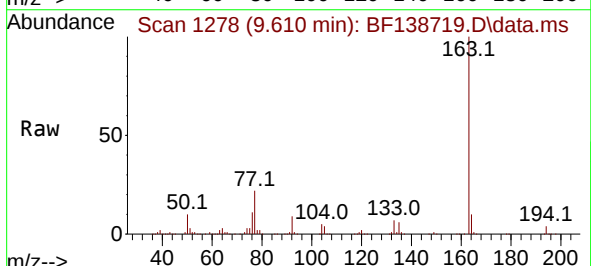
Tgt Ion:152 Resp: 68888
Ion Ratio Lower Upper
152 100
151 20.2 16.0 24.0
153 13.6 11.0 16.4

Manual Integrations
APPROVED

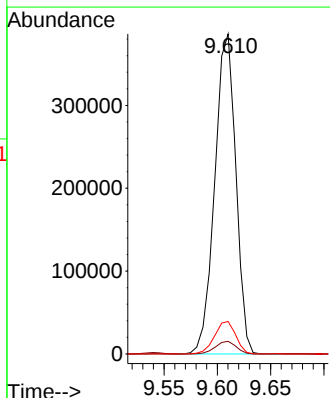
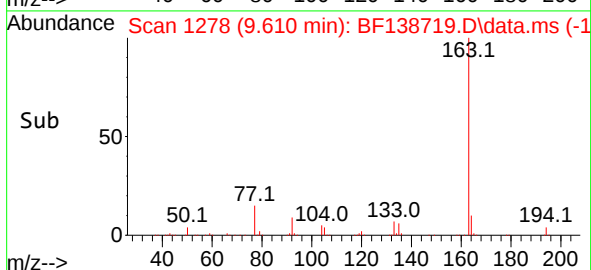
Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024

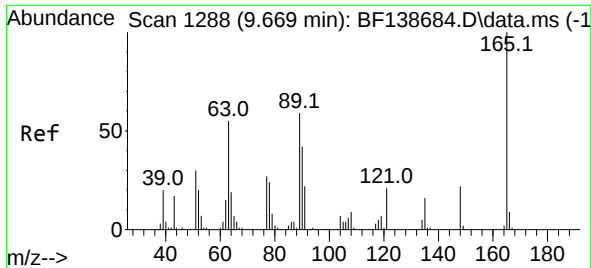


#50
Dimethylphthalate
Concen: 49.291 ng
RT: 9.610 min Scan# 1278
Delta R.T. 0.006 min
Lab File: BF138719.D
Acq: 01 Aug 2024 12:20



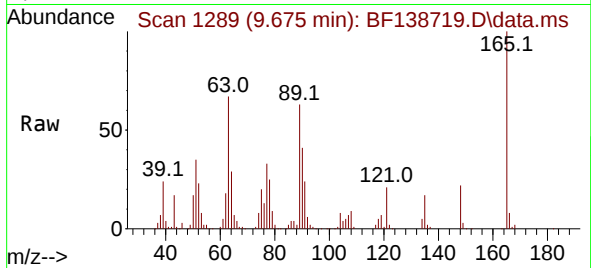
Tgt Ion:163 Resp: 530066
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 10.2 7.8 11.8





#51
2,6-Dinitrotoluene
Concen: 45.716 ng
RT: 9.675 min Scan# 1289
Delta R.T. 0.006 min
Lab File: BF138719.D
Acq: 01 Aug 2024 12:20

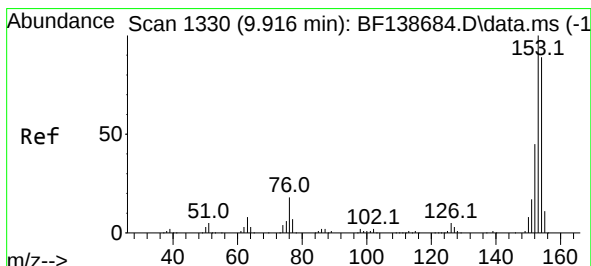
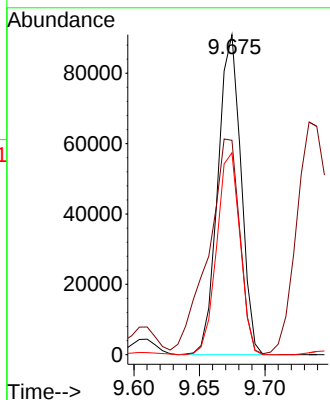
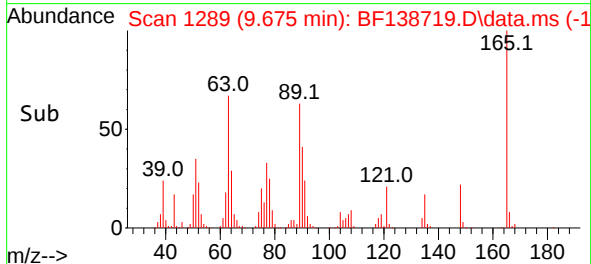
Instrument :
BNA_F
ClientSampleId :
OU4-PCS-01-072324MSD



Tgt Ion:165 Resp: 110949
Ion Ratio Lower Upper
165 100
63 67.0 52.0 78.0
89 63.1 47.0 70.6

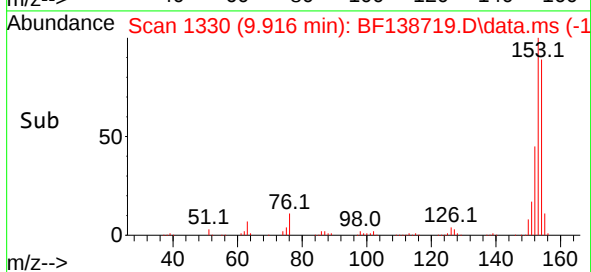
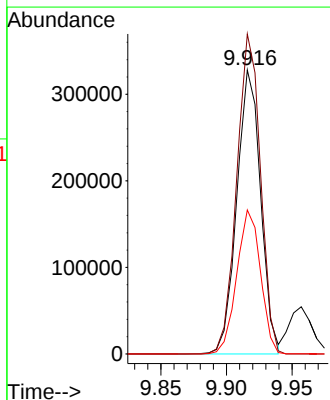
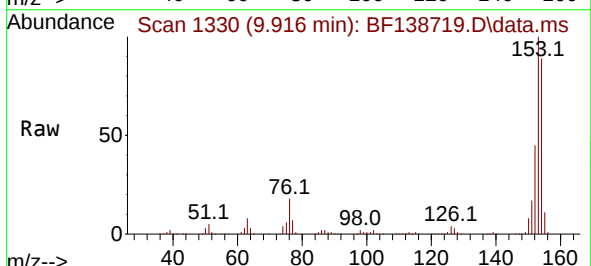
Manual Integrations
APPROVED

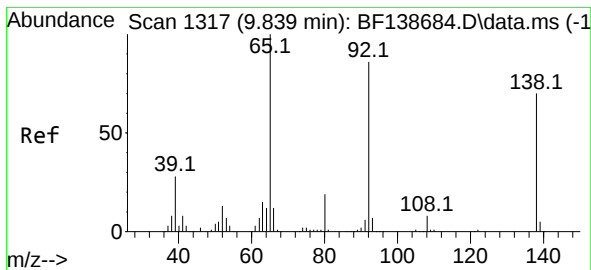
Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024



#52
Acenaphthene
Concen: 44.498 ng
RT: 9.916 min Scan# 1330
Delta R.T. 0.000 min
Lab File: BF138719.D
Acq: 01 Aug 2024 12:20

Tgt Ion:154 Resp: 415604
Ion Ratio Lower Upper
154 100
153 112.7 89.9 134.9
152 50.7 40.6 60.8





#53

3-Nitroaniline

Concen: 28.735 ng

RT: 9.839 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF138719.D

Acq: 01 Aug 2024 12:20

Instrument :

BNA_F

ClientSampleId :

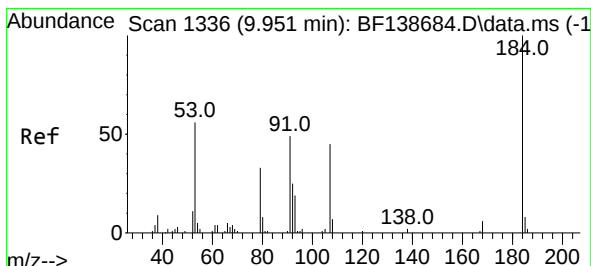
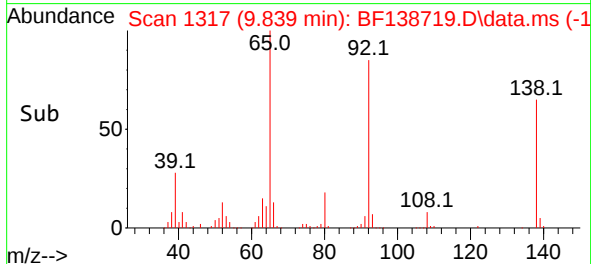
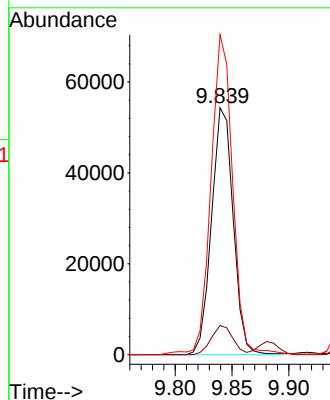
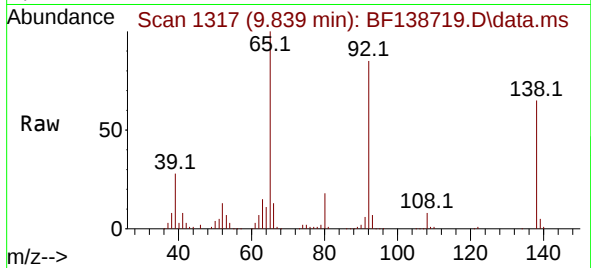
OU4-PCS-01-072324MSD

Tgt Ion:138	Resp:	72092
Ion Ratio	Lower	Upper
138	100	
108	11.8	9.1 13.7
92	129.6	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: 95.595 ng

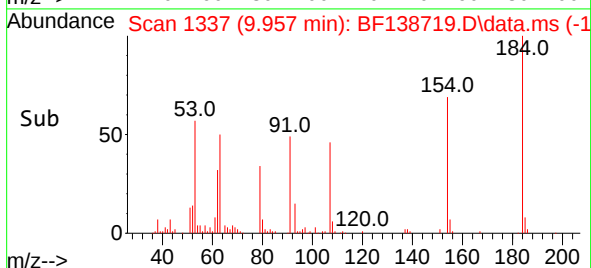
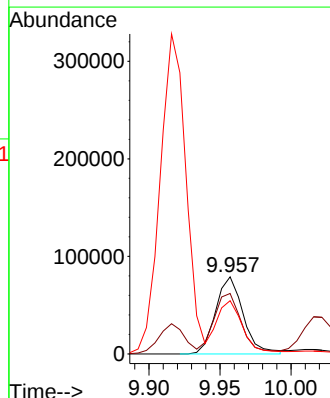
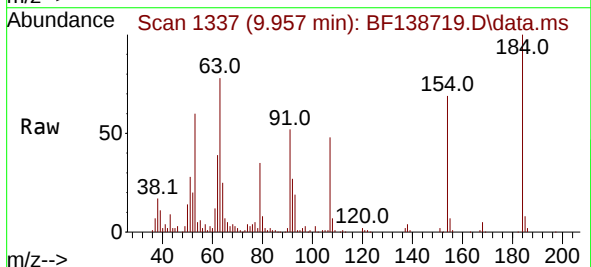
RT: 9.957 min Scan# 1337

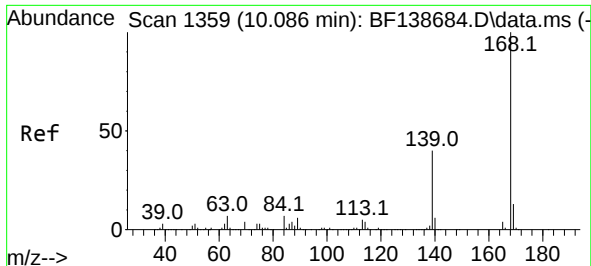
Delta R.T. 0.006 min

Lab File: BF138719.D

Acq: 01 Aug 2024 12:20

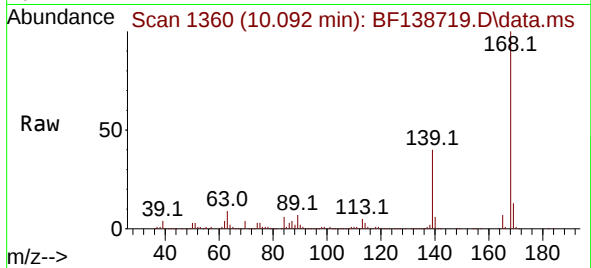
Tgt Ion:184	Resp:	106798
Ion Ratio	Lower	Upper
184	100	
63	78.5	57.5 86.3
154	69.0	51.7 77.5





#55
Dibenzofuran
Concen: 45.980 ng
RT: 10.092 min Scan# 1359
Delta R.T. 0.006 min
Lab File: BF138719.D
Acq: 01 Aug 2024 12:20

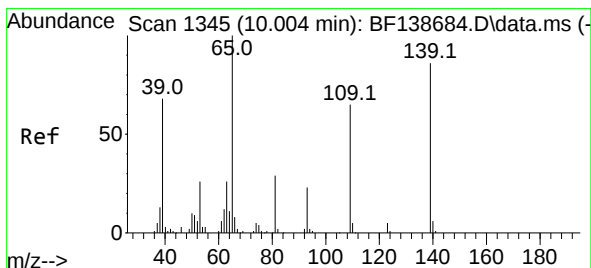
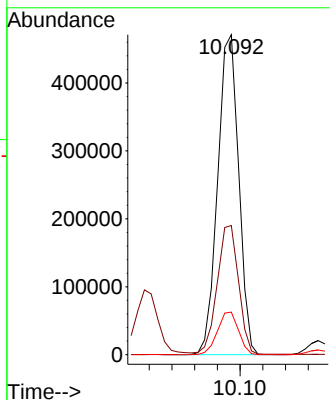
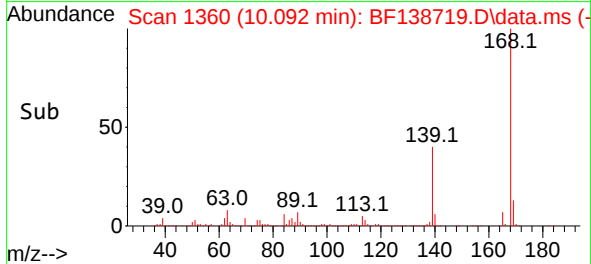
Instrument :
BNA_F
ClientSampleId :
OU4-PCS-01-072324MSD



Tgt Ion:168 Resp: 60620
Ion Ratio Lower Upper
168 100
139 40.3 32.6 49.0
169 13.3 10.7 16.1

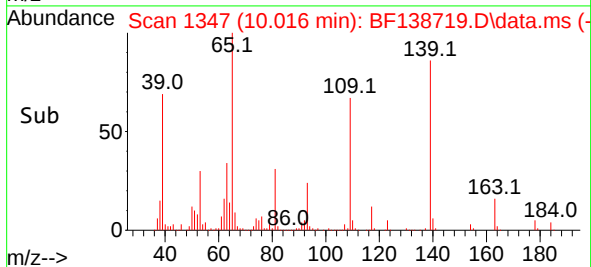
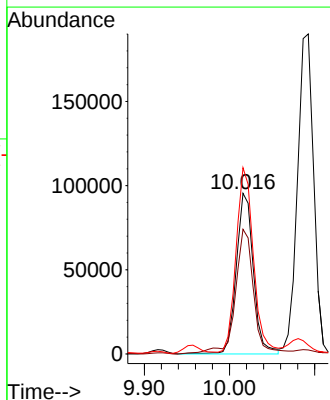
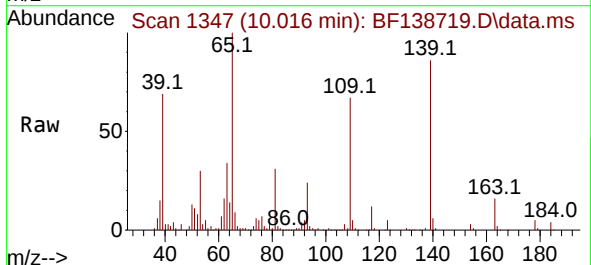
Manual Integrations
APPROVED

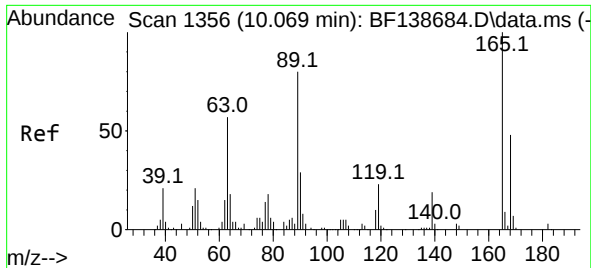
Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024



#56
4-Nitrophenol
Concen: 88.387 ng
RT: 10.016 min Scan# 1347
Delta R.T. 0.012 min
Lab File: BF138719.D
Acq: 01 Aug 2024 12:20

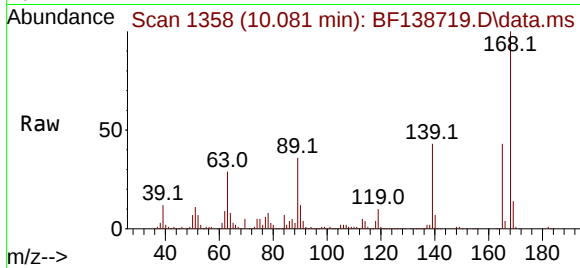
Tgt Ion:139 Resp: 133352
Ion Ratio Lower Upper
139 100
109 77.6 55.5 95.5
65 116.0 96.7 136.7





#57
2,4-Dinitrotoluene
Concen: 46.666 ng
RT: 10.081 min Scan# 1418
Delta R.T. 0.012 min
Lab File: BF138719.D
Acq: 01 Aug 2024 12:20

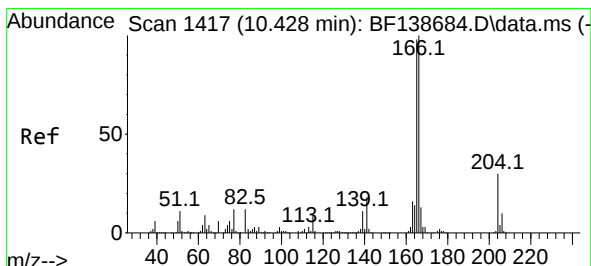
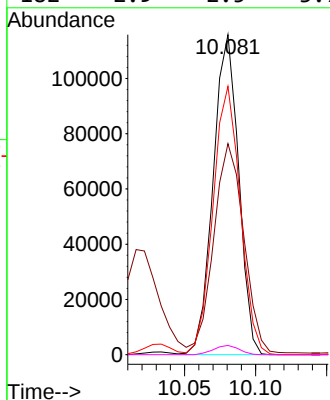
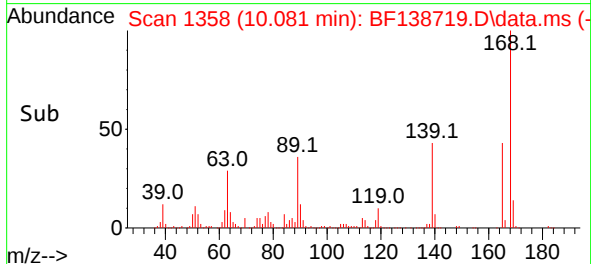
Instrument :
BNA_F
ClientSampleId :
OU4-PCS-01-072324MSD



Tgt Ion:165 Resp: 144490
Ion Ratio Lower Upper
165 100
63 66.0 46.3 69.5
89 83.9 64.2 96.4
182 2.9 2.5 3.7

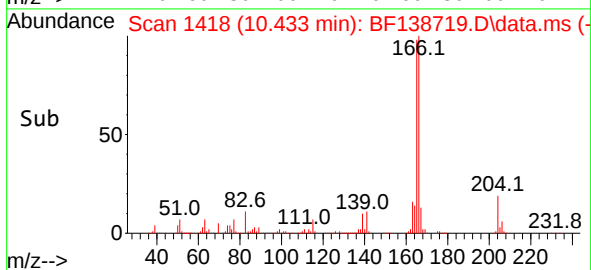
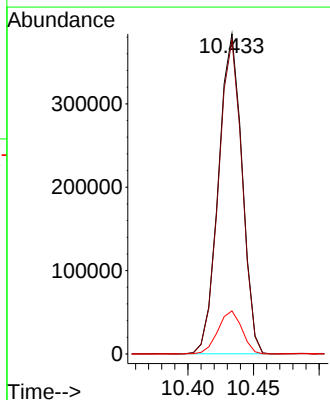
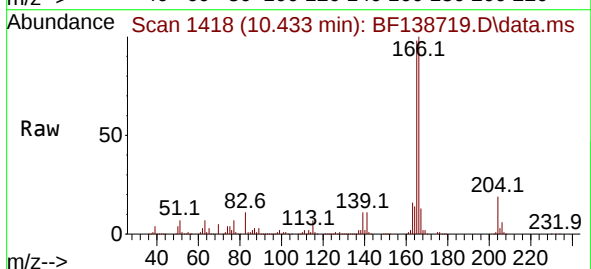
Manual Integrations
APPROVED

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



#58
Fluorene
Concen: 45.701 ng
RT: 10.433 min Scan# 1418
Delta R.T. 0.006 min
Lab File: BF138719.D
Acq: 01 Aug 2024 12:20

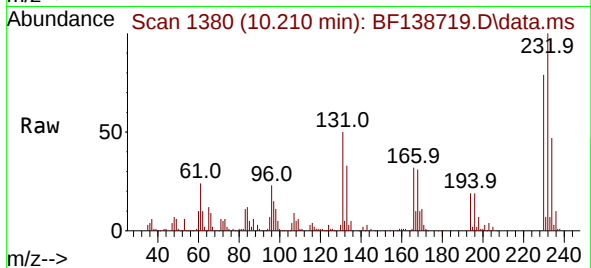
Tgt Ion:166 Resp: 479817
Ion Ratio Lower Upper
166 100
165 98.2 78.4 117.6
167 13.5 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 47.068 ng
RT: 10.210 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF138719.D
Acq: 01 Aug 2024 12:20

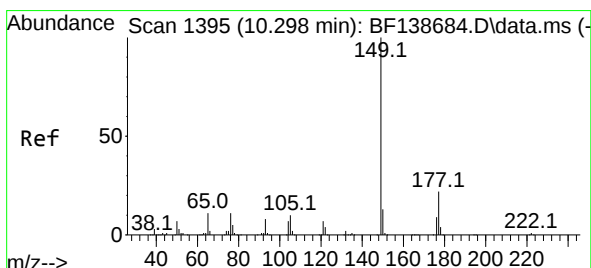
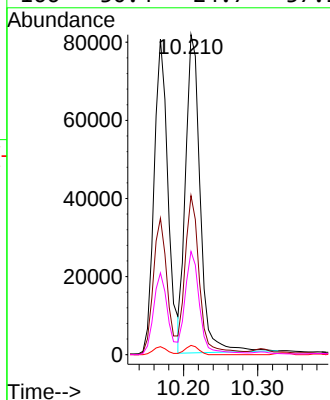
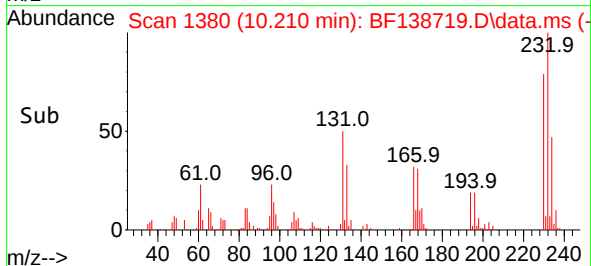
Instrument :
BNA_F
ClientSampleId :
OU4-PCS-01-072324MSD



Tgt Ion:232 Resp: 112050
Ion Ratio Lower Upper
232 100
131 49.3 37.0 55.4
130 2.8 2.0 3.0
166 30.4 24.7 37.1

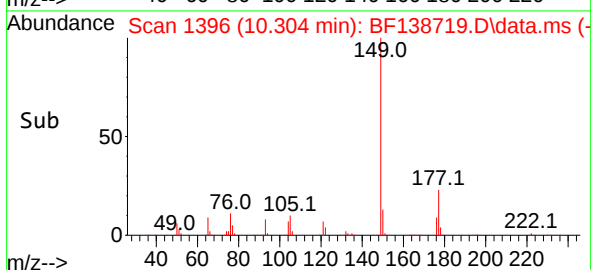
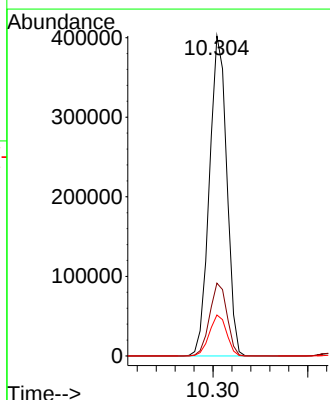
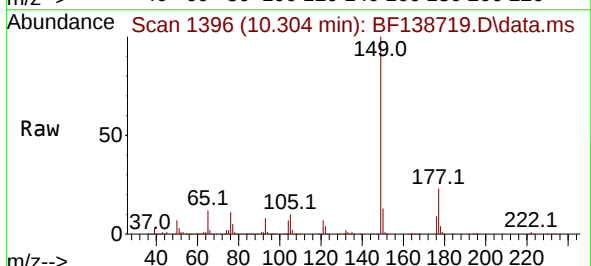
Manual Integrations
APPROVED

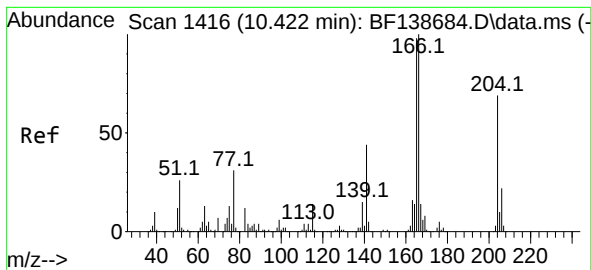
Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024



#60
Diethylphthalate
Concen: 50.048 ng
RT: 10.304 min Scan# 1396
Delta R.T. 0.006 min
Lab File: BF138719.D
Acq: 01 Aug 2024 12:20

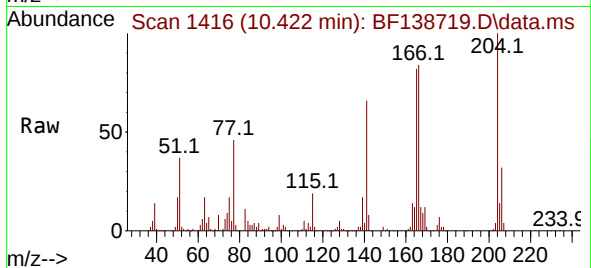
Tgt Ion:149 Resp: 510311
Ion Ratio Lower Upper
149 100
177 22.8 17.8 26.8
150 12.8 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 46.799 ng
RT: 10.422 min Scan# 1416
Delta R.T. 0.000 min
Lab File: BF138719.D
Acq: 01 Aug 2024 12:20

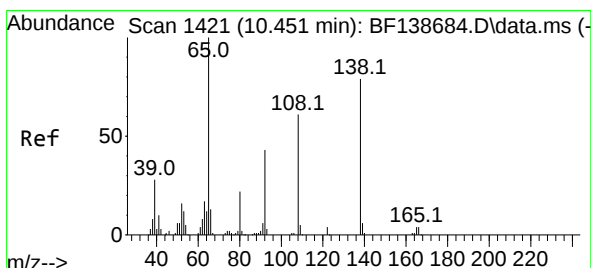
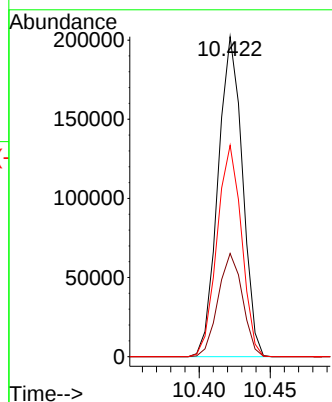
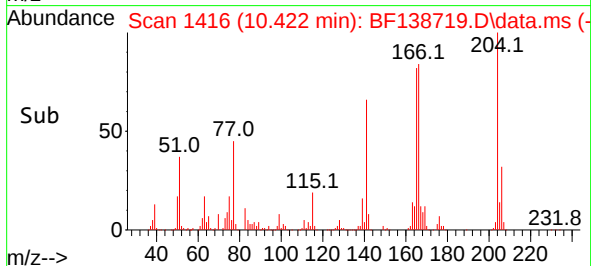
Instrument :
BNA_F
ClientSampleId :
OU4-PCS-01-072324MSD



Tgt Ion:204 Resp: 24165
Ion Ratio Lower Upper
204 100
206 32.3 26.1 39.1
141 66.0 51.4 77.0

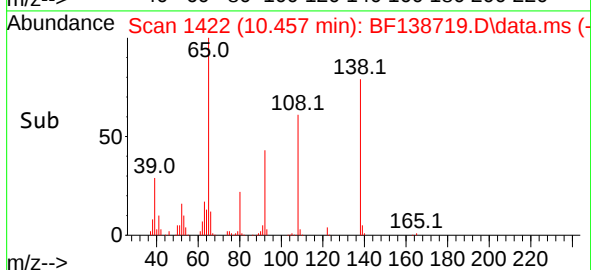
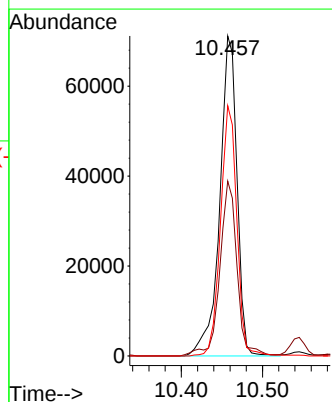
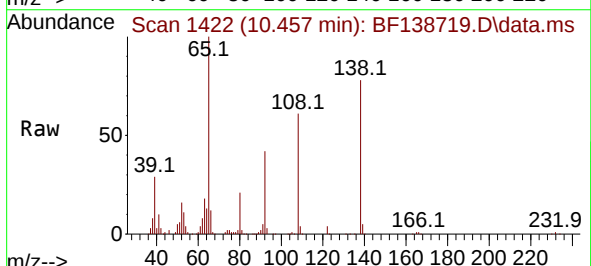
Manual Integrations
APPROVED

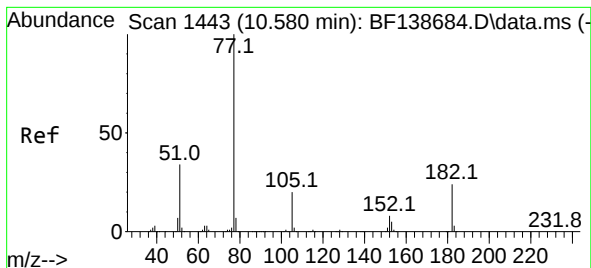
Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024



#62
4-Nitroaniline
Concen: 44.298 ng
RT: 10.457 min Scan# 1422
Delta R.T. 0.006 min
Lab File: BF138719.D
Acq: 01 Aug 2024 12:20

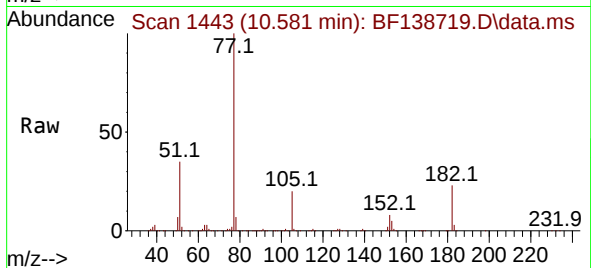
Tgt Ion:138 Resp: 105616
Ion Ratio Lower Upper
138 100
92 54.7 34.2 74.2
108 78.2 56.2 96.2





#63
Azobenzene
Concen: 48.281 ng
RT: 10.581 min Scan# 1443
Delta R.T. 0.000 min
Lab File: BF138719.D
Acq: 01 Aug 2024 12:20

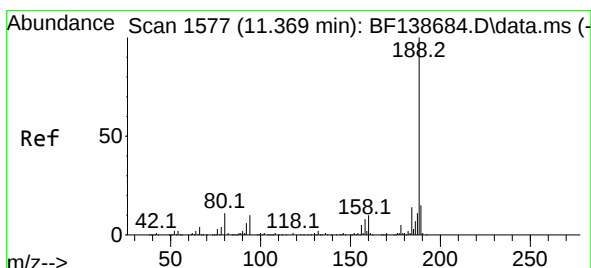
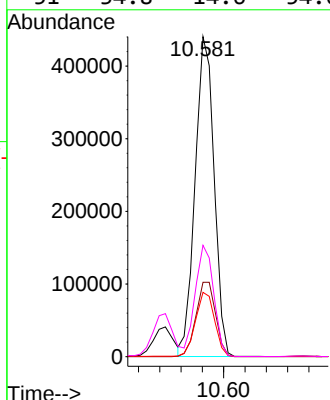
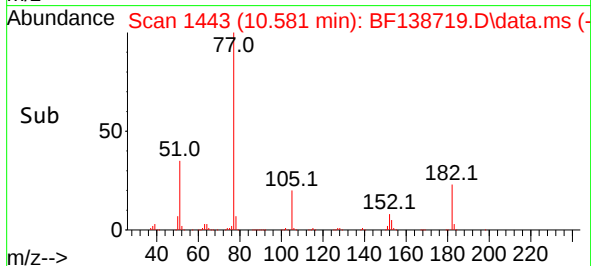
Instrument :
BNA_F
ClientSampleId :
OU4-PCS-01-072324MSD



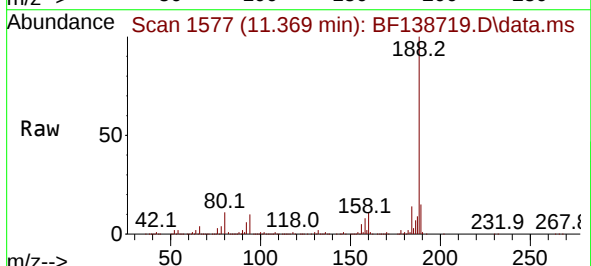
Tgt Ion: 77 Resp: 54600
Ion Ratio Lower Upper
77 100
182 23.3 3.4 43.4
105 20.1 0.2 40.2
51 34.8 14.6 54.6

Manual Integrations
APPROVED

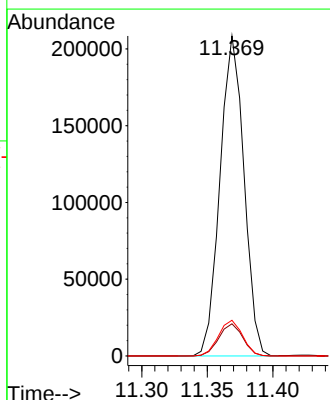
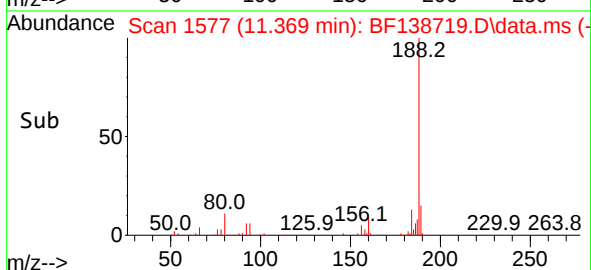
Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024

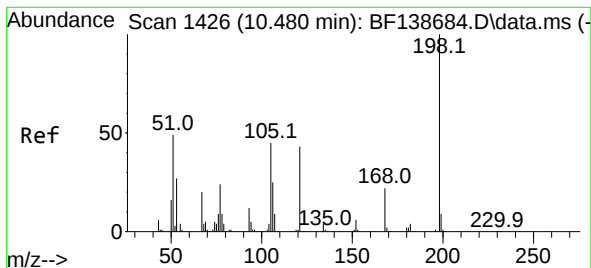


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.369 min Scan# 1577
Delta R.T. 0.000 min
Lab File: BF138719.D
Acq: 01 Aug 2024 12:20



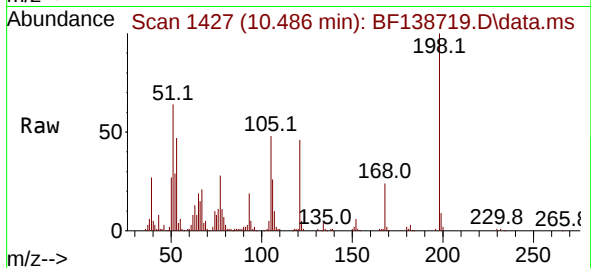
Tgt Ion:188 Resp: 264941
Ion Ratio Lower Upper
188 100
94 10.0 7.6 11.4
80 11.1 8.6 12.8





#65
4,6-Dinitro-2-methylphenol
Concen: 49.826 ng
RT: 10.486 min Scan# 1426
Delta R.T. 0.006 min
Lab File: BF138719.D
Acq: 01 Aug 2024 12:20

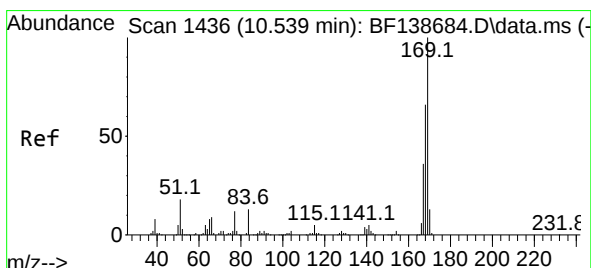
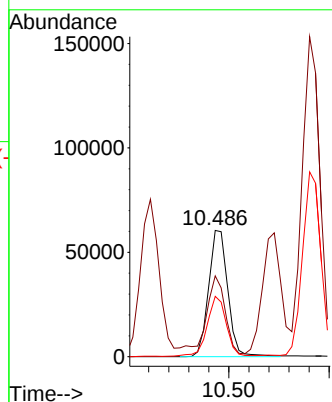
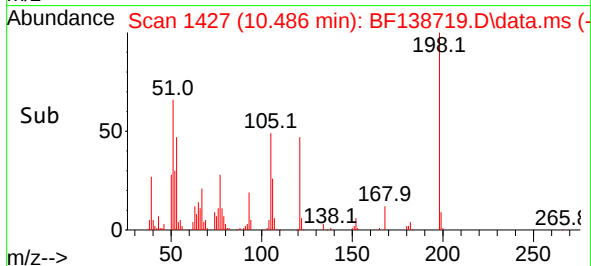
Instrument :
BNA_F
ClientSampleId :
OU4-PCS-01-072324MSD



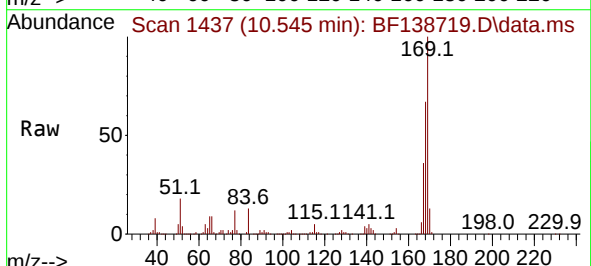
Tgt Ion:198 Resp: 8053
Ion Ratio Lower Upper
198 100
51 64.1 39.9 79.9
105 47.8 26.1 66.1

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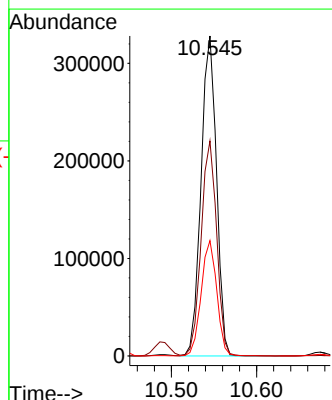
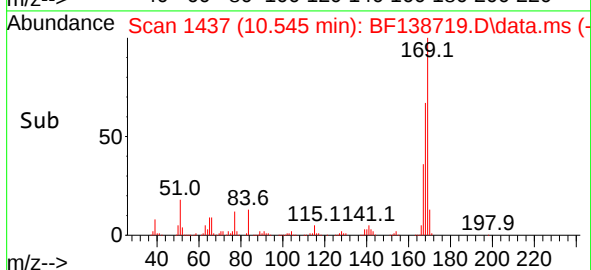
Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024

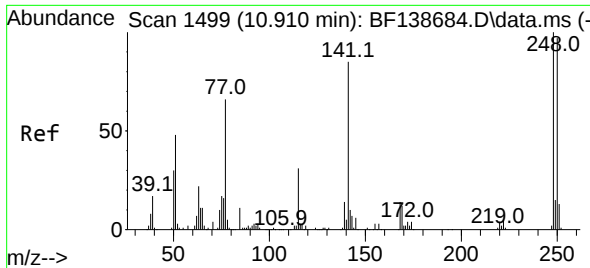


#66
n-Nitrosodiphenylamine
Concen: 49.885 ng
RT: 10.545 min Scan# 1437
Delta R.T. 0.006 min
Lab File: BF138719.D
Acq: 01 Aug 2024 12:20



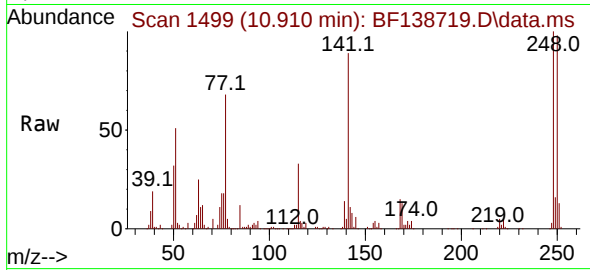
Tgt Ion:169 Resp: 413119
Ion Ratio Lower Upper
169 100
168 67.2 53.0 79.6
167 36.0 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 48.412 ng
RT: 10.910 min Scan# 1499
Delta R.T. 0.000 min
Lab File: BF138719.D
Acq: 01 Aug 2024 12:20

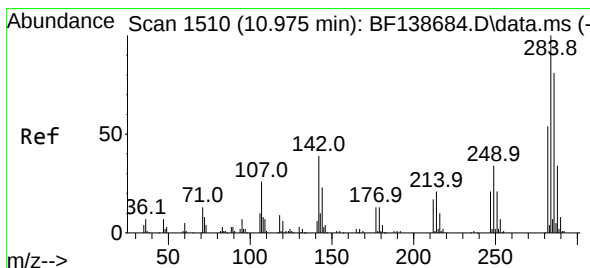
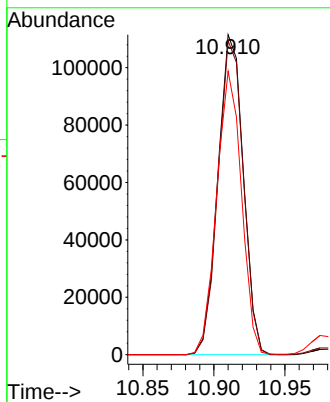
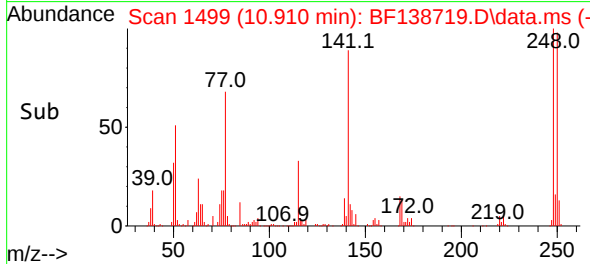
Instrument :
BNA_F
ClientSampleId :
OU4-PCS-01-072324MSD



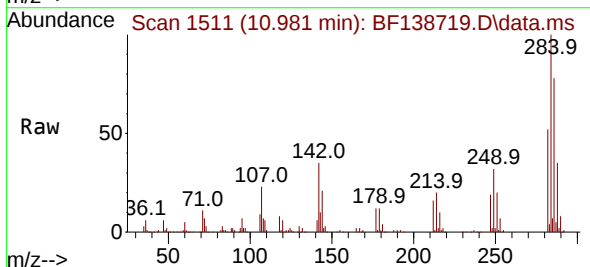
Tgt Ion:248 Resp: 138868
Ion Ratio Lower Upper
248 100
250 98.1 77.7 116.5
141 88.5 68.0 102.0

Manual Integrations
APPROVED

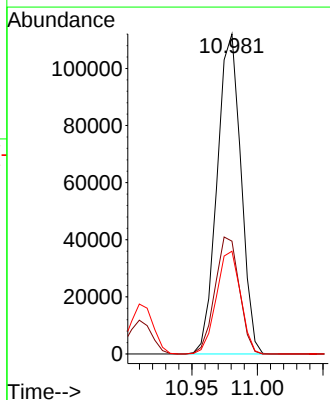
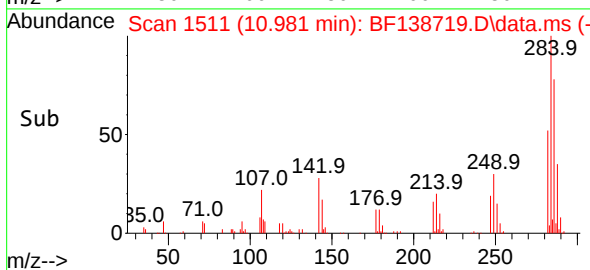
Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024



#68
Hexachlorobenzene
Concen: 47.759 ng
RT: 10.981 min Scan# 1511
Delta R.T. 0.006 min
Lab File: BF138719.D
Acq: 01 Aug 2024 12:20



Tgt Ion:284 Resp: 141449
Ion Ratio Lower Upper
284 100
142 35.2 31.3 46.9
249 32.1 27.2 40.8





#69

Atrazine

Concen: 55.877 ng

RT: 11.069 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF138719.D

Acq: 01 Aug 2024 12:20

Instrument :

BNA_F

ClientSampleId :

OU4-PCS-01-072324MSD

Tgt Ion:200 Resp: 11938

Ion Ratio Lower Upper

200 100

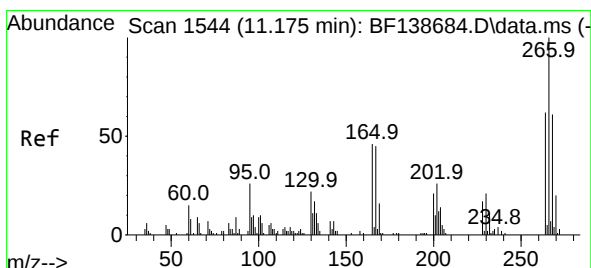
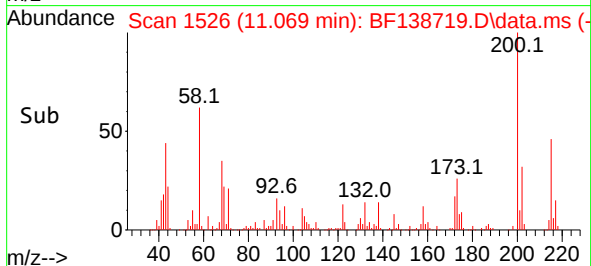
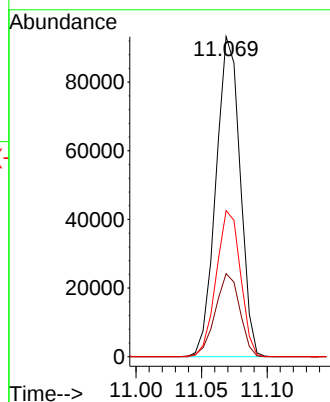
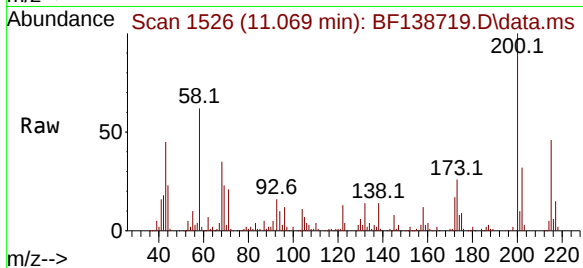
173 25.9 6.0 46.0

215 45.7 26.1 66.1

Manual Integrations

APPROVED

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



#70

Pentachlorophenol

Concen: 88.679 ng

RT: 11.181 min Scan# 1545

Delta R.T. 0.005 min

Lab File: BF138719.D

Acq: 01 Aug 2024 12:20

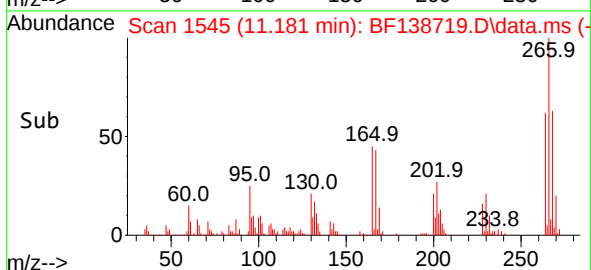
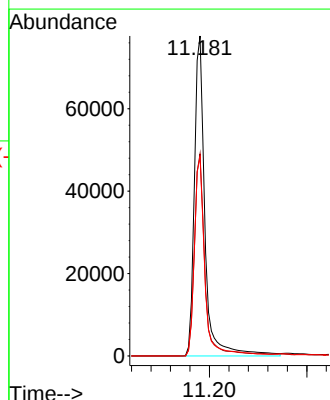
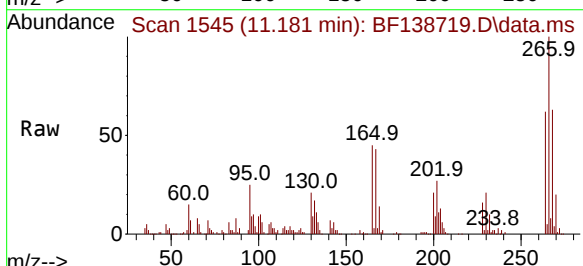
Tgt Ion:266 Resp: 118384

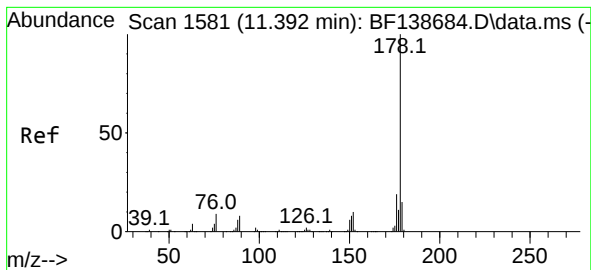
Ion Ratio Lower Upper

266 100

268 63.1 49.2 73.8

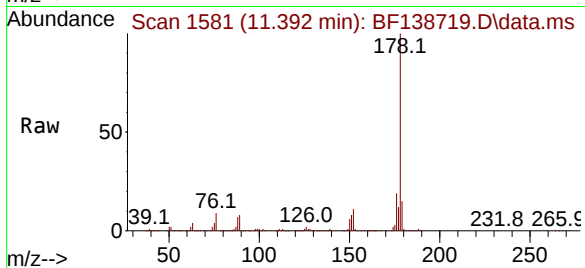
264 62.3 49.8 74.6





#71
Phenanthrene
Concen: 47.814 ng
RT: 11.392 min Scan# 1581
Delta R.T. 0.000 min
Lab File: BF138719.D
Acq: 01 Aug 2024 12:20

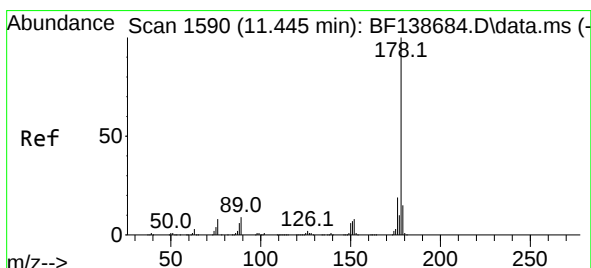
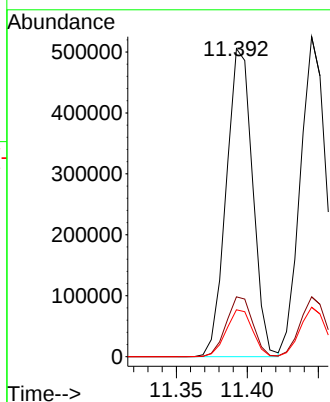
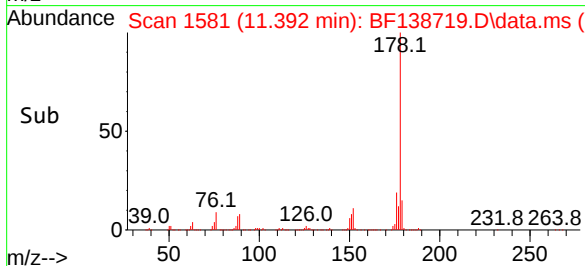
Instrument :
BNA_F
ClientSampleId :
OU4-PCS-01-072324MSD



Tgt Ion:178 Resp: 652289
Ion Ratio Lower Upper
178 100
176 19.5 15.4 23.0
179 15.2 12.2 18.2

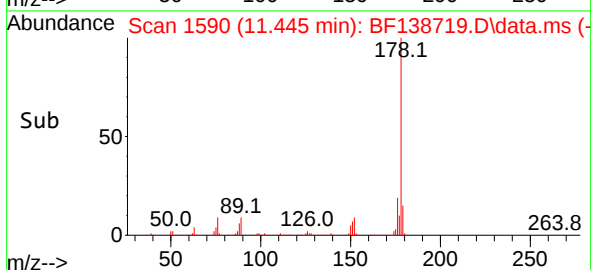
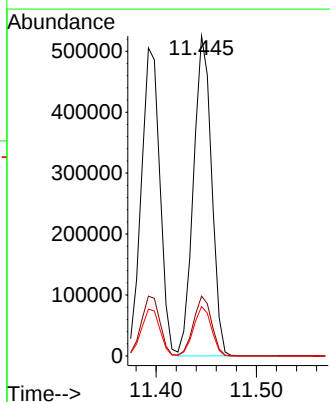
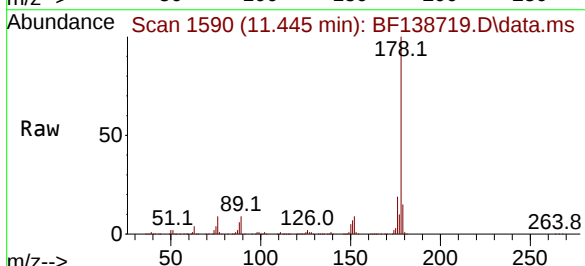
Manual Integrations
APPROVED

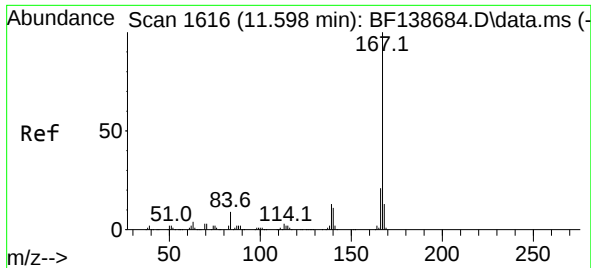
Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024



#72
Anthracene
Concen: 48.951 ng
RT: 11.445 min Scan# 1590
Delta R.T. 0.000 min
Lab File: BF138719.D
Acq: 01 Aug 2024 12:20

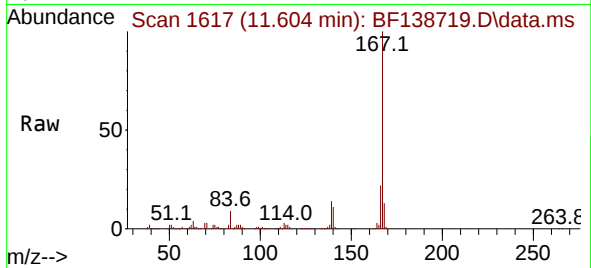
Tgt Ion:178 Resp: 657880
Ion Ratio Lower Upper
178 100
176 18.7 14.9 22.3
179 15.5 12.4 18.6





#73
 Carbazole
 Concen: 44.525 ng
 RT: 11.604 min Scan# 1617
 Delta R.T. 0.006 min
 Lab File: BF138719.D
 Acq: 01 Aug 2024 12:20

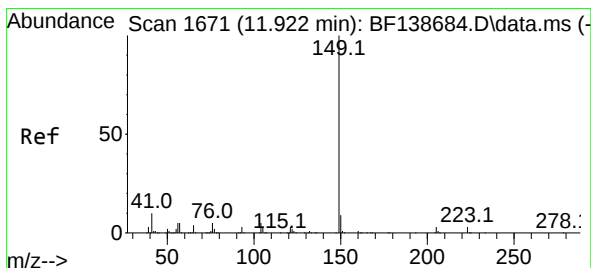
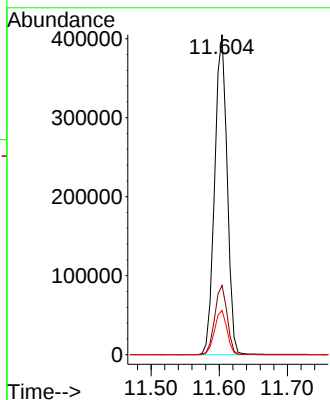
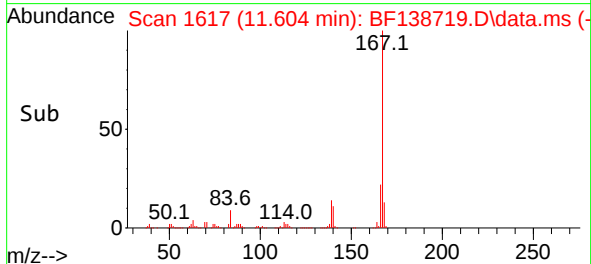
Instrument :
 BNA_F
 ClientSampleId :
 OU4-PCS-01-072324MSD



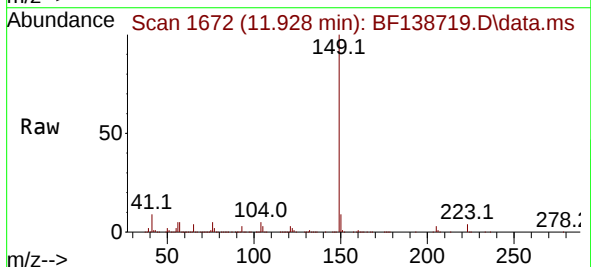
Tgt Ion:167 Resp: 516260
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.2 25.8
 139 13.8 10.6 16.0

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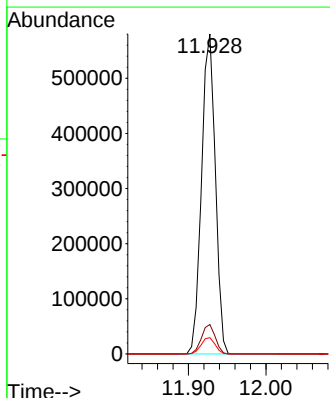
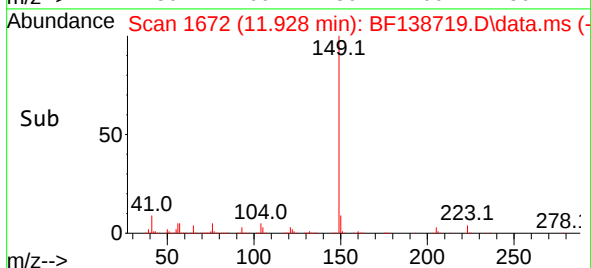
Reviewed By :Jagrut Upadhyay 08/02/2024
 Supervised By :mohammad ahmed 08/03/2024



#74
 Di-n-butylphthalate
 Concen: 54.955 ng
 RT: 11.928 min Scan# 1672
 Delta R.T. 0.006 min
 Lab File: BF138719.D
 Acq: 01 Aug 2024 12:20



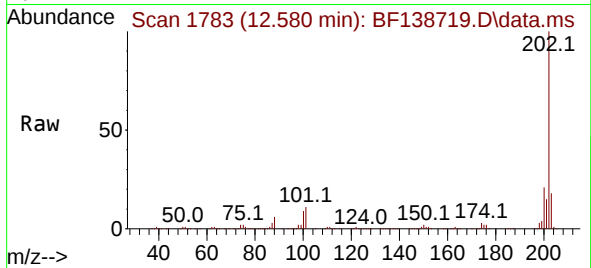
Tgt Ion:149 Resp: 716317
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.0
 104 5.1 4.1 6.1





#75
Fluoranthene
Concen: 42.846 ng
RT: 12.580 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF138719.D
Acq: 01 Aug 2024 12:20

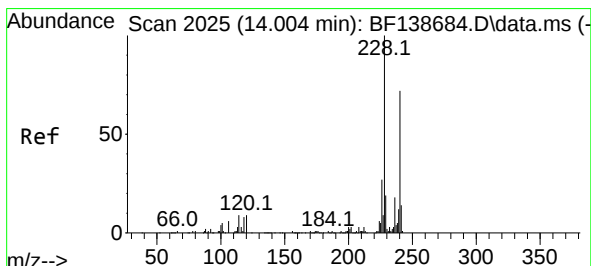
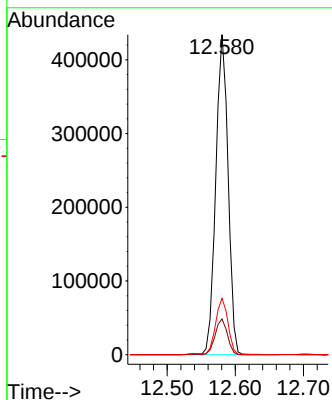
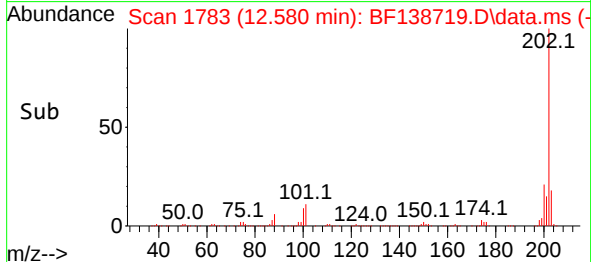
Instrument :
BNA_F
ClientSampleId :
OU4-PCS-01-072324MSD



Tgt Ion:202 Resp: 54568
Ion Ratio Lower Upper
202 100
101 11.1 0.0 31.2
203 17.6 0.0 37.3

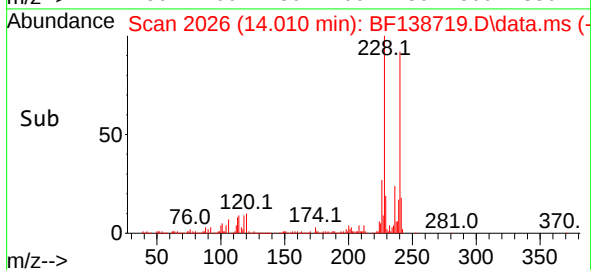
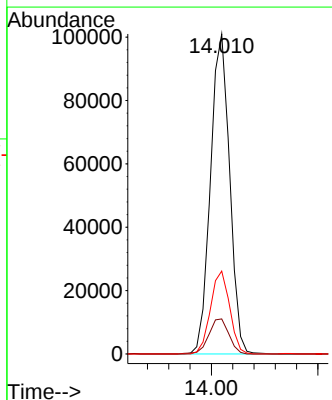
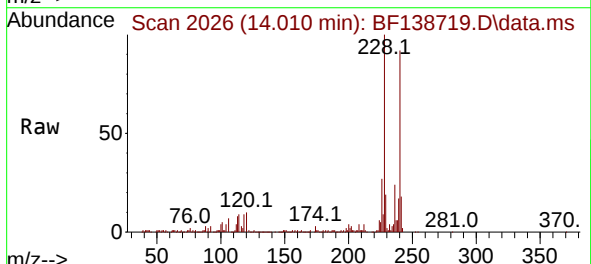
Manual Integrations
APPROVED

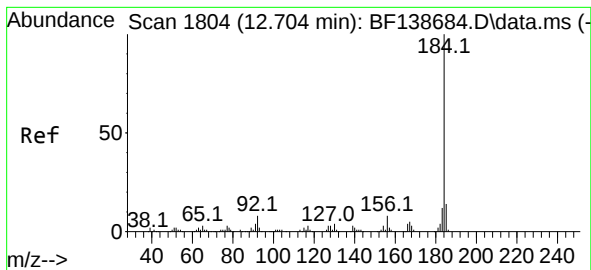
Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 2026
Delta R.T. 0.006 min
Lab File: BF138719.D
Acq: 01 Aug 2024 12:20

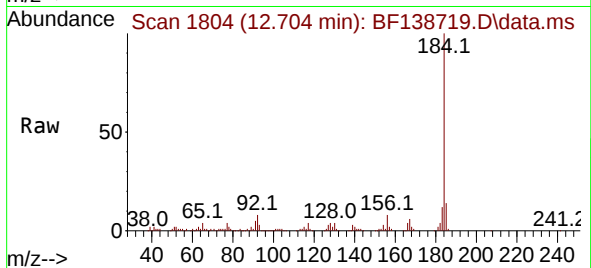
Tgt Ion:240 Resp: 125742
Ion Ratio Lower Upper
240 100
120 10.9 10.2 15.4
236 25.9 19.8 29.8





#77
Benzidine
Concen: 46.429 ng
RT: 12.704 min Scan# 1804
Delta R.T. -0.000 min
Lab File: BF138719.D
Acq: 01 Aug 2024 12:20

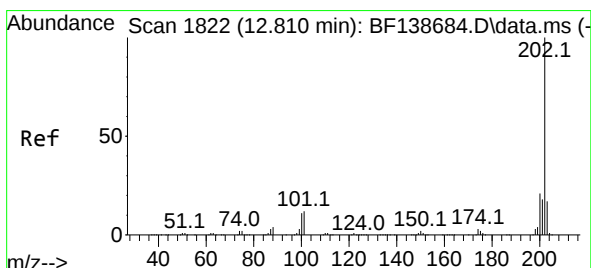
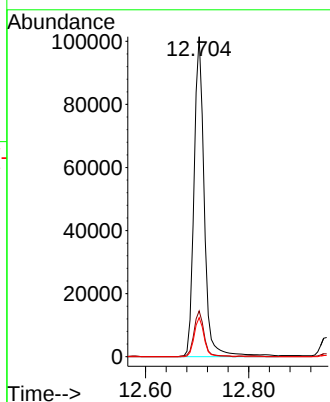
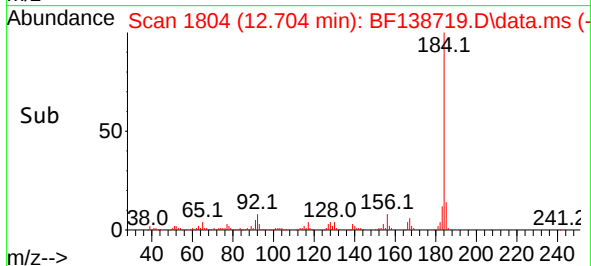
Instrument :
BNA_F
ClientSampleId :
OU4-PCS-01-072324MSD



Tgt Ion:184 Resp: 13963
Ion Ratio Lower Upper
184 100
185 14.3 11.1 16.7
183 12.2 9.6 14.4

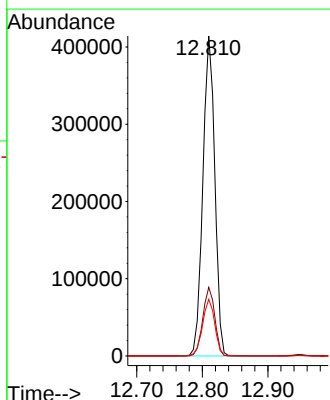
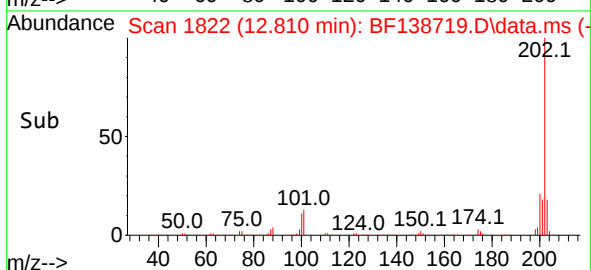
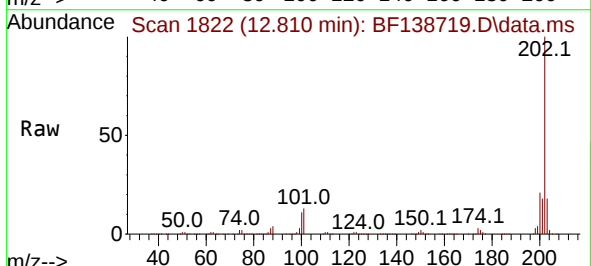
Manual Integrations
APPROVED

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



#78
Pyrene
Concen: 44.409 ng
RT: 12.810 min Scan# 1822
Delta R.T. 0.000 min
Lab File: BF138719.D
Acq: 01 Aug 2024 12:20

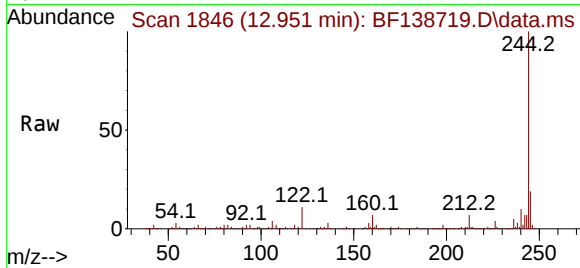
Tgt Ion:202 Resp: 525761
Ion Ratio Lower Upper
202 100
200 21.5 16.8 25.2
203 17.7 13.8 20.6





#79
 Terphenyl-d14
 Concen: 76.022 ng
 RT: 12.951 min Scan# 1845
 Delta R.T. 0.006 min
 Lab File: BF138719.D
 Acq: 01 Aug 2024 12:20

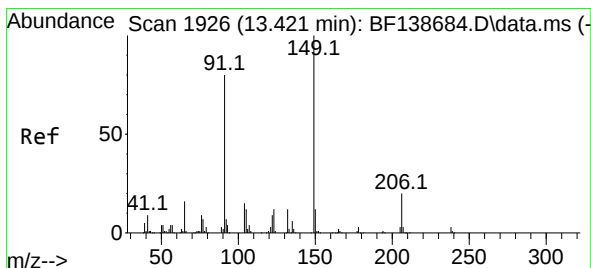
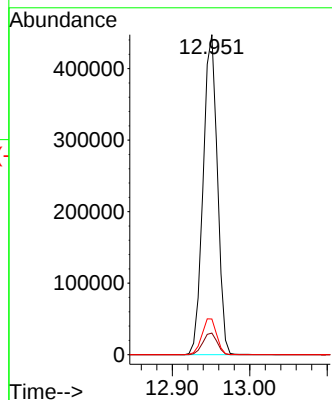
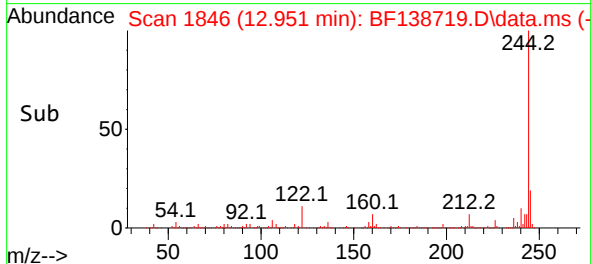
Instrument :
 BNA_F
 ClientSampleId :
 OU4-PCS-01-072324MSD



Tgt Ion:244 Resp: 570948
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.2
 122 11.2 9.6 14.4

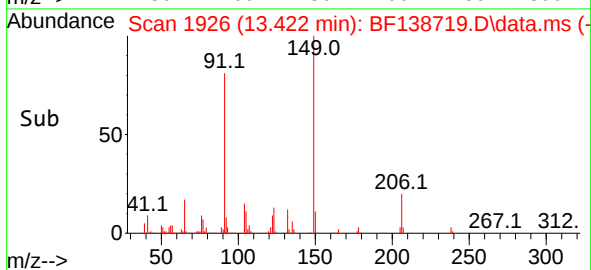
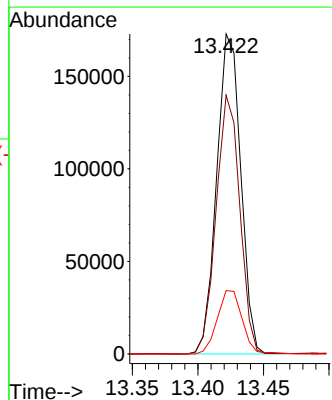
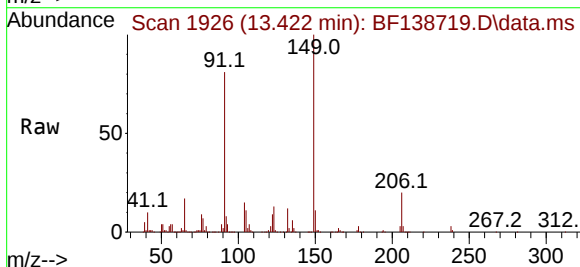
Manual Integrations
 APPROVED

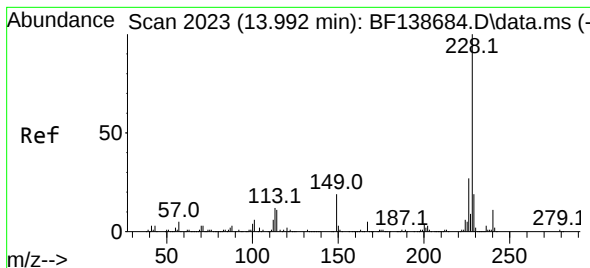
Reviewed By :Jagrut Upadhyay 08/02/2024
 Supervised By :mohammad ahmed 08/03/2024



#80
 Butylbenzylphthalate
 Concen: 58.184 ng
 RT: 13.422 min Scan# 1926
 Delta R.T. 0.000 min
 Lab File: BF138719.D
 Acq: 01 Aug 2024 12:20

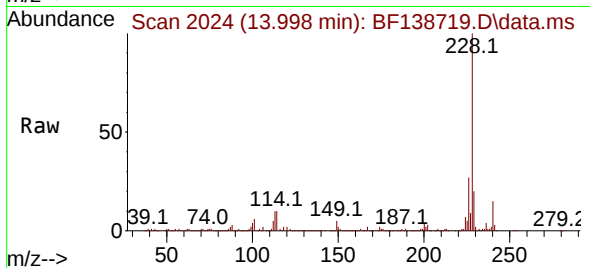
Tgt Ion:149 Resp: 220584
 Ion Ratio Lower Upper
 149 100
 91 80.8 63.7 95.5
 206 19.8 16.2 24.2





#81
Benzo(a)anthracene
Concen: 48.743 ng
RT: 13.998 min Scan# 2024
Delta R.T. 0.006 min
Lab File: BF138719.D
Acq: 01 Aug 2024 12:20

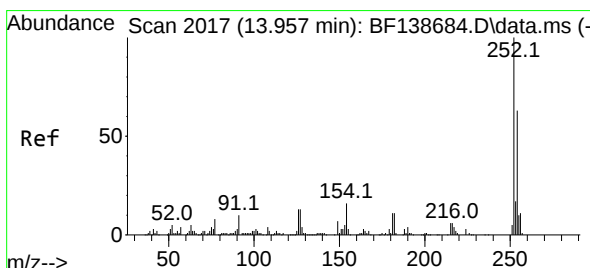
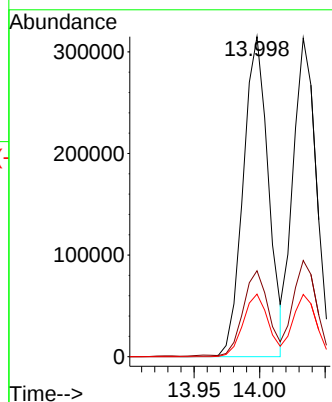
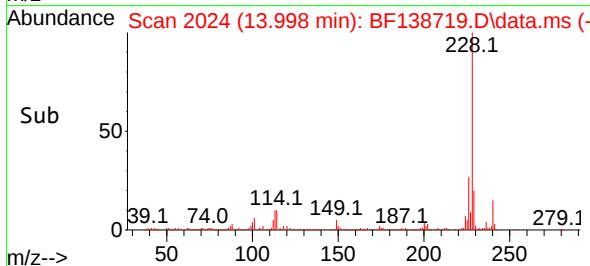
Instrument :
BNA_F
ClientSampleId :
OU4-PCS-01-072324MSD



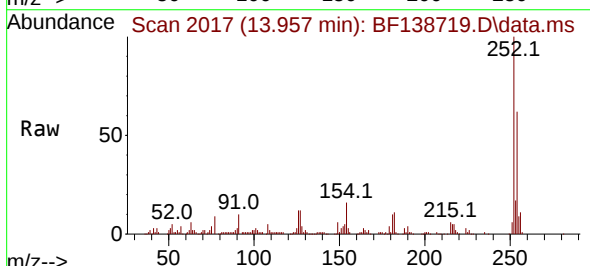
Tgt Ion:228 Resp: 422062
Ion Ratio Lower Upper
228 100
226 26.9 22.1 33.1
229 19.6 15.4 23.0

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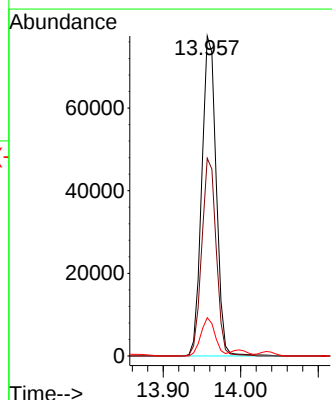
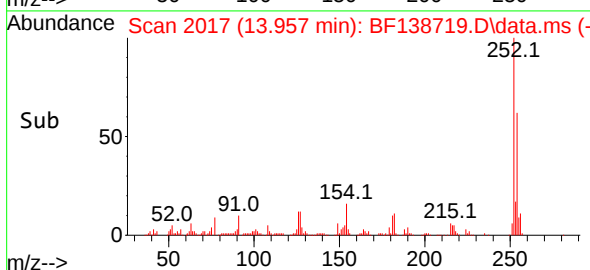
Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024

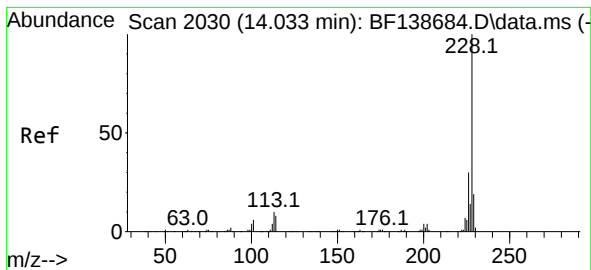


#82
3,3'-Dichlorobenzidine
Concen: 45.108 ng
RT: 13.957 min Scan# 2017
Delta R.T. 0.000 min
Lab File: BF138719.D
Acq: 01 Aug 2024 12:20



Tgt Ion:252 Resp: 99952
Ion Ratio Lower Upper
252 100
254 61.8 50.8 76.2
126 12.0 10.2 15.2





#83

Chrysene

Concen: 49.416 ng

RT: 14.033 min Scan# 2030

Delta R.T. 0.000 min

Lab File: BF138719.D

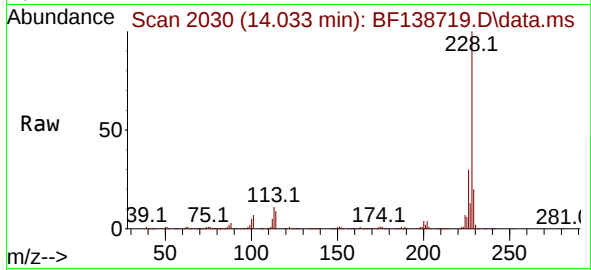
Acq: 01 Aug 2024 12:20

Instrument :

BNA_F

ClientSampleId :

OU4-PCS-01-072324MSD



Tgt Ion:228 Resp: 386034

Ion Ratio Lower Upper

228 100

226 30.2 23.7 35.5

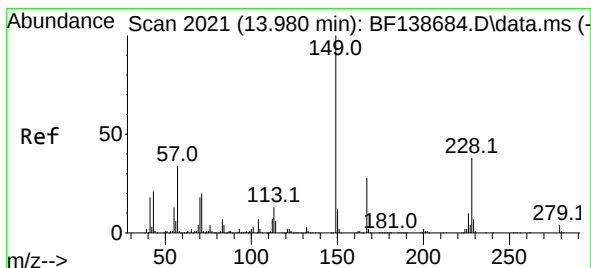
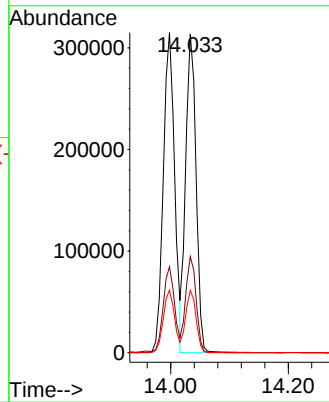
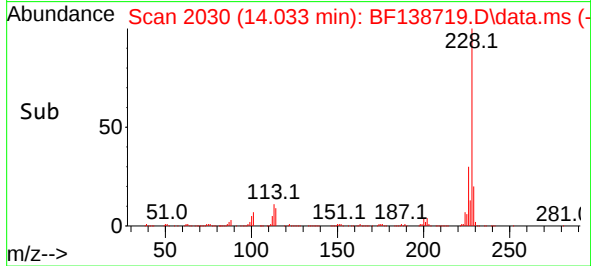
229 19.6 15.0 22.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/02/2024

Supervised By :mohammad ahmed 08/03/2024



#84

Bis(2-ethylhexyl)phthalate

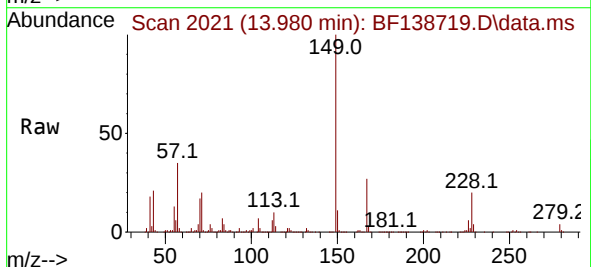
Concen: 57.079 ng

RT: 13.980 min Scan# 2021

Delta R.T. 0.000 min

Lab File: BF138719.D

Acq: 01 Aug 2024 12:20



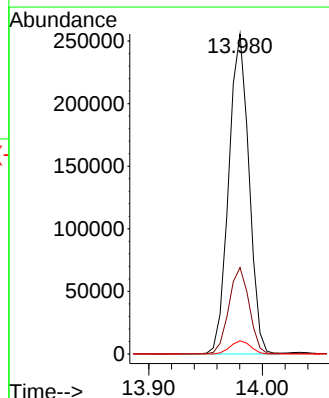
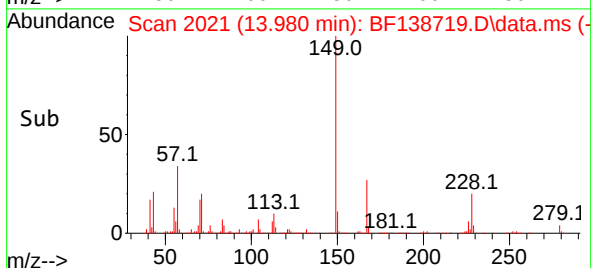
Tgt Ion:149 Resp: 316877

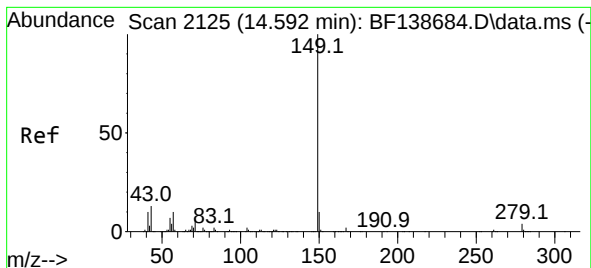
Ion Ratio Lower Upper

149 100

167 27.0 22.2 33.4

279 4.1 3.4 5.0





#85

Di-n-octyl phthalate

Concen: 51.448 ng

RT: 14.592 min Scan# 2125

Delta R.T. 0.000 min

Lab File: BF138719.D

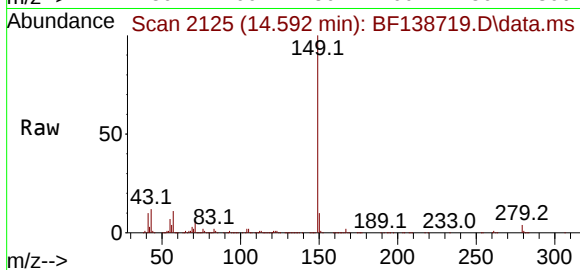
Acq: 01 Aug 2024 12:20

Instrument :

BNA_F

ClientSampleId :

OU4-PCS-01-072324MSD



Tgt Ion:149 Resp: 528430

Ion Ratio Lower Upper

149 100

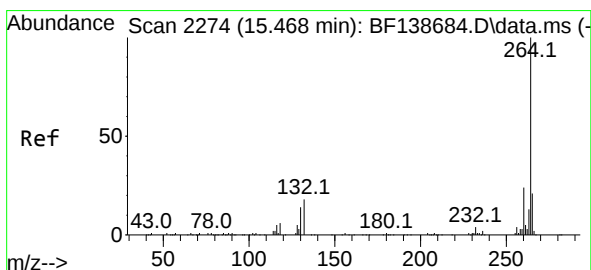
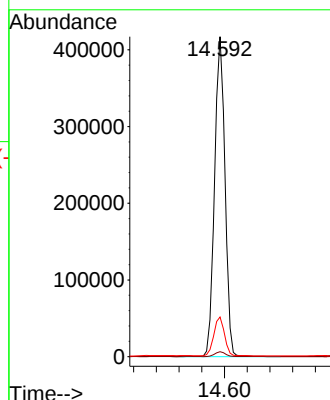
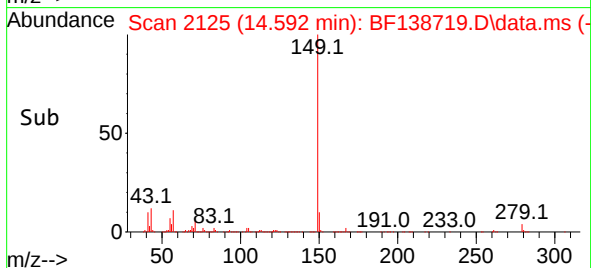
167 1.7 1.4 2.0

43 12.4 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: BF138719.D

Acq: 01 Aug 2024 12:20

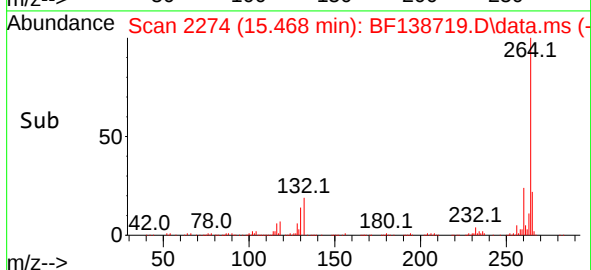
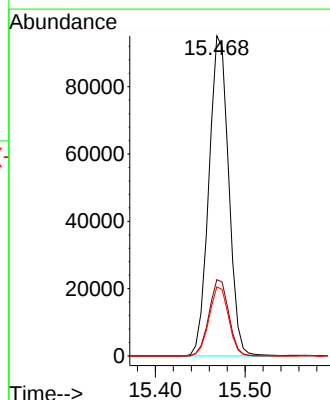
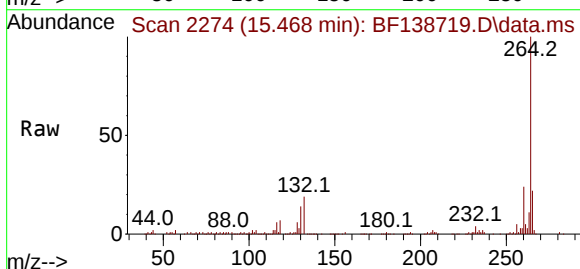
Tgt Ion:264 Resp: 145392

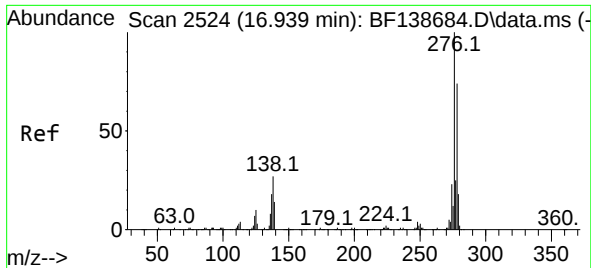
Ion Ratio Lower Upper

264 100

260 23.9 19.0 28.6

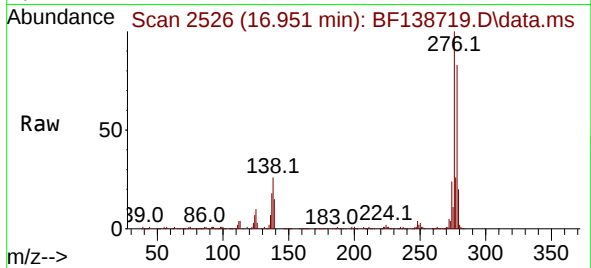
265 21.6 17.0 25.6





#87
Indeno(1,2,3-cd)pyrene
Concen: 48.150 ng
RT: 16.951 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF138719.D
Acq: 01 Aug 2024 12:20

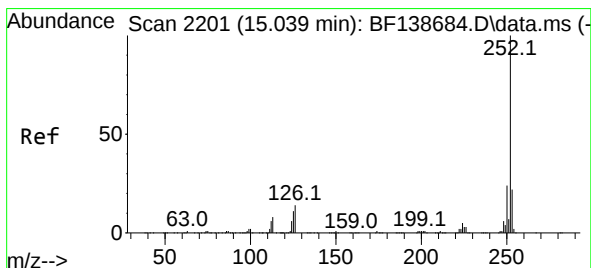
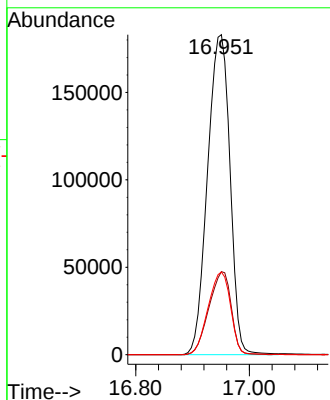
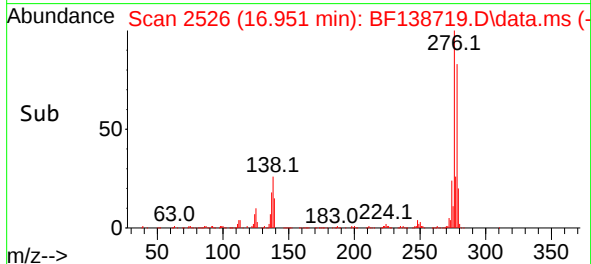
Instrument :
BNA_F
ClientSampleId :
OU4-PCS-01-072324MSD



Tgt Ion:276 Resp: 501692
Ion Ratio Lower Upper
276 100
138 25.7 21.8 32.8
277 25.9 20.6 30.8

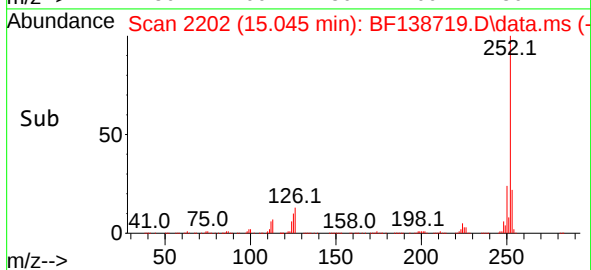
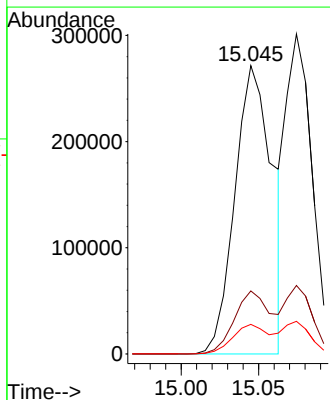
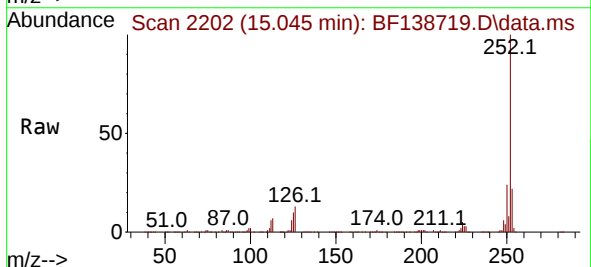
Manual Integrations
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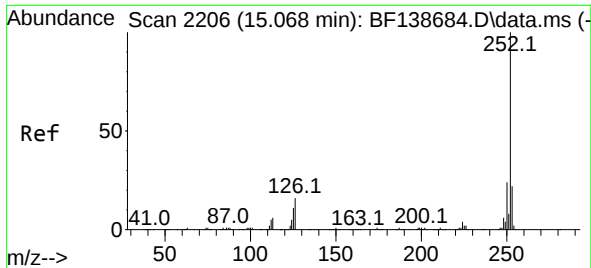
Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024



#88
Benzo(b)fluoranthene
Concen: 50.586 ng
RT: 15.045 min Scan# 2202
Delta R.T. 0.006 min
Lab File: BF138719.D
Acq: 01 Aug 2024 12:20

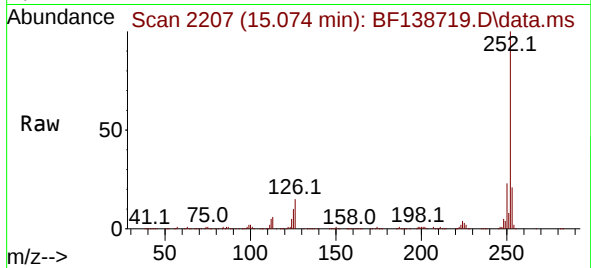
Tgt Ion:252 Resp: 455922
Ion Ratio Lower Upper
252 100
253 21.9 17.5 26.3
125 10.3 8.9 13.3





#89
Benzo(k)fluoranthene
Concen: 45.484 ng
RT: 15.074 min Scan# 2207
Delta R.T. 0.006 min
Lab File: BF138719.D
Acq: 01 Aug 2024 12:20

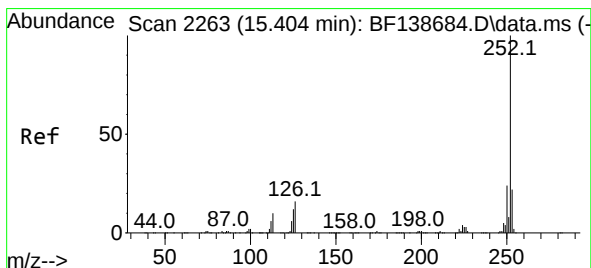
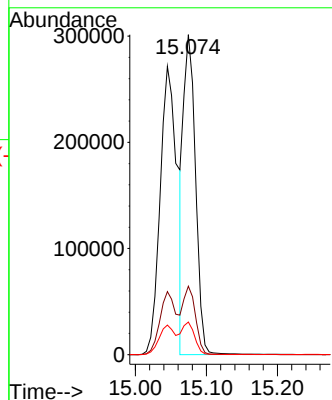
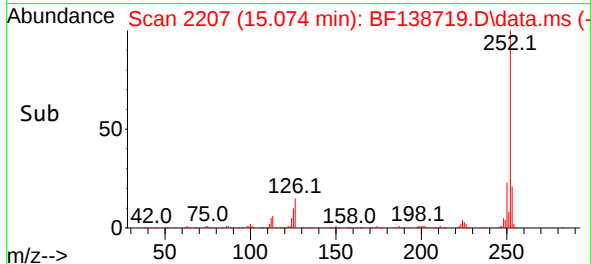
Instrument :
BNA_F
ClientSampleId :
OU4-PCS-01-072324MSD



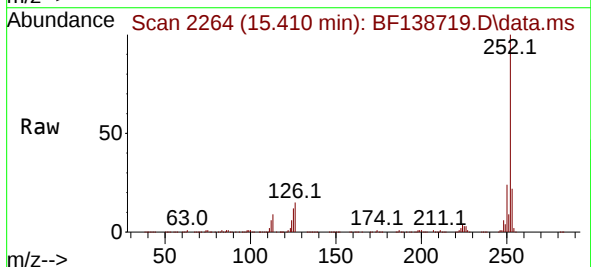
Tgt Ion:252 Resp: 354938
Ion Ratio Lower Upper
252 100
253 21.4 17.4 26.0
125 10.2 8.6 13.0

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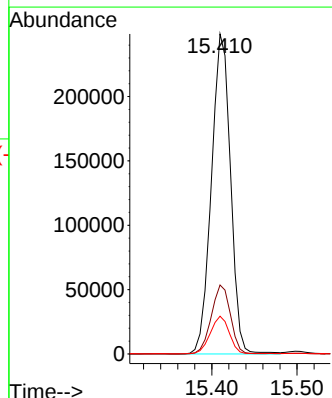
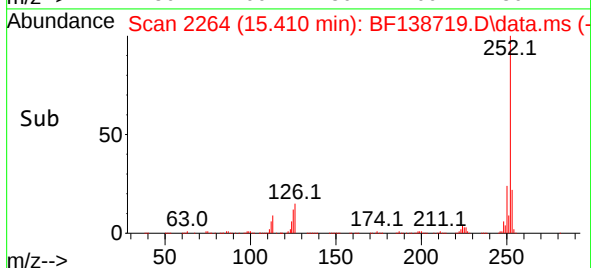
Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024

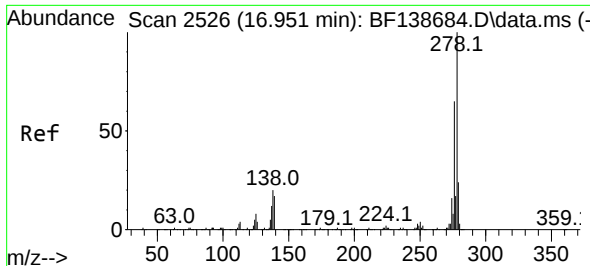


#90
Benzo(a)pyrene
Concen: 51.121 ng
RT: 15.410 min Scan# 2264
Delta R.T. 0.006 min
Lab File: BF138719.D
Acq: 01 Aug 2024 12:20



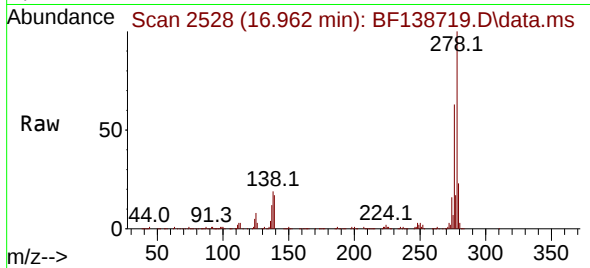
Tgt Ion:252 Resp: 387552
Ion Ratio Lower Upper
252 100
253 21.6 17.3 25.9
125 11.8 9.5 14.3





#91
Dibenzo(a,h)anthracene
Concen: 47.693 ng
RT: 16.962 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF138719.D
Acq: 01 Aug 2024 12:20

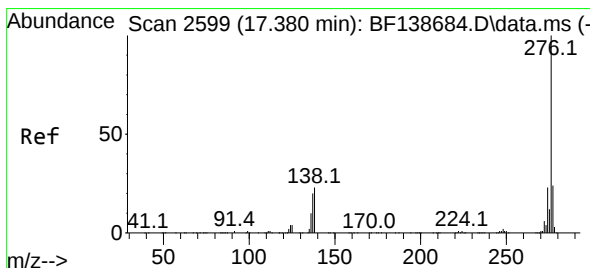
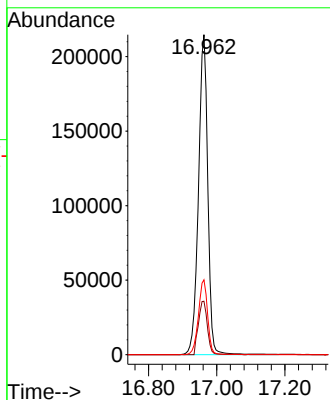
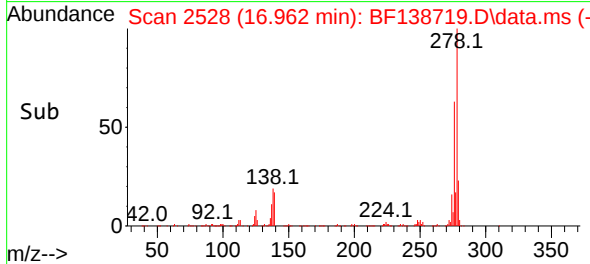
Instrument :
BNA_F
ClientSampleId :
OU4-PCS-01-072324MSD



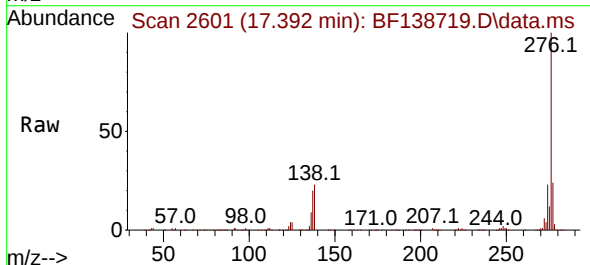
Tgt Ion:278 Resp: 40791
Ion Ratio Lower Upper
278 100
139 16.7 14.0 21.0
279 23.4 19.0 28.4

Manual Integrations
APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 43.895 ng
RT: 17.392 min Scan# 2601
Delta R.T. 0.012 min
Lab File: BF138719.D
Acq: 01 Aug 2024 12:20



Tgt Ion:276 Resp: 389587
Ion Ratio Lower Upper
276 100
277 23.7 19.0 28.4
138 23.0 18.5 27.7

