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 Data File : BM047744.D
 Acq On : 01 Oct 2024 15:43
 Operator : RC/JU
 Sample : P4018-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DDCA2

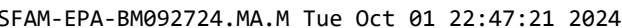
Quant Time: Oct 01 22:49:25 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Sep 28 02:30:36 2024
 Response via : Initial Calibration

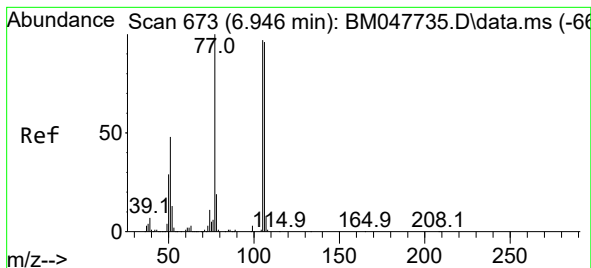
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.810	152	318437	20.000	ng/ul	0.00
20) Naphthalene-d8	10.604	136	1317450	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.445	164	800483	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.186	188	1531442	20.000	ng/ul	0.00
79) Chrysene-d12	21.403	240	1465894	20.000	ng/ul	0.00
88) Perylene-d12	24.409	264	1678658	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.257	96	27929	2.834	ng/uL	0.00
4) Pyridine-d5	3.675	84	371266	12.868	ng/ul	0.00
7) Phenol-d5	6.975	99	554478	18.414	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.140	67	335203	15.688	ng/ul	0.00
11) 2-Chlorophenol-d4	7.345	132	432786	19.755	ng/ul	0.00
15) 4-Methylphenol-d8	8.516	113	430364	19.223	ng/ul	0.00
21) Nitrobenzene-d5	8.963	128	204995	19.543	ng/ul	0.00
24) 2-Nitrophenol-d4	9.686	143	220426	21.928	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.228	165	413830	20.608	ng/ul	0.00
31) 4-Chloroaniline-d4	10.739	131	435396	14.025	ng/ul	0.00
46) Dimethylphthalate-d6	13.851	166	1187264	20.458	ng/ul	0.00
49) Acenaphthylene-d8	14.139	160	1417019	20.593	ng/ul	0.00
54) 4-Nitrophenol-d4	14.639	143	204841	17.728	ng/ul	0.00
60) Fluorene-d10	15.439	176	1021544	20.322	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.545	200	142452	15.895	ng/ul	0.00
73) Anthracene-d10	17.286	188	1499790	19.917	ng/ul	0.00
81) Pyrene-d10	19.568	212	1806330	21.712	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.203	264	1829490	21.005	ng/ul	0.00
Target Compounds						
					Qvalue	
6) Benzaldehyde	6.963	77	52719	3.219	ng/ul#	1
16) Acetophenone	8.769	105	70895	1.851	ng/ul	89
19) Hexachloroethane	8.922	117	70727	6.780	ng/ul#	12
23) Isophorone	9.533	82	373061	6.999	ng/ul#	89
30) Naphthalene	10.657	128	276033	3.643	ng/ul	98
36) 2-Methylnaphthalene	12.269	142	544702	11.313	ng/ul	98
37) 1-Methylnaphthalene	12.486	142	335119	6.841	ng/ul	99
41) 2,4,6-Trichlorophenol	12.874	196	17497	1.161	ng/ul#	96
42) 2,4,5-Trichlorophenol	12.874	196	16509	1.001	ng/ul	97
48) 2,6-Dinitrotoluene	14.080	165	17468	1.692	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.074	232	2136766	164.419	ng/ul#	95
66) 4,6-Dinitro-2-methylph...	15.563	198	13539	1.363	ng/ul#	1
67) N-Nitrosodiphenylamine	15.704	169	66188	1.387	ng/ul#	49
71) Pentachlorophenol	16.874	266	13824105	1183.434	ng/ul	99
72) Phenanthrene	17.227	178	181942	2.026	ng/ul#	96
74) Anthracene	17.227	178	181840	1.985	ng/ul	95

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

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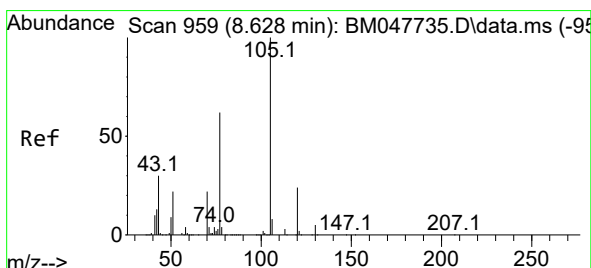
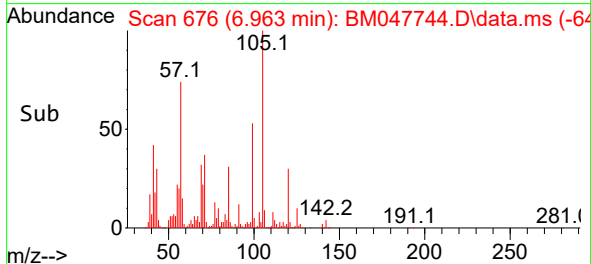
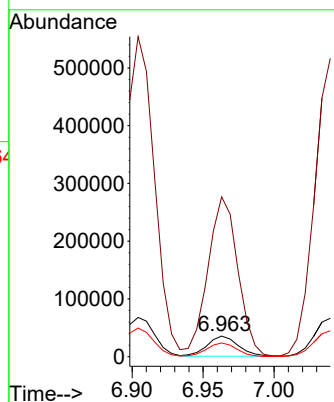
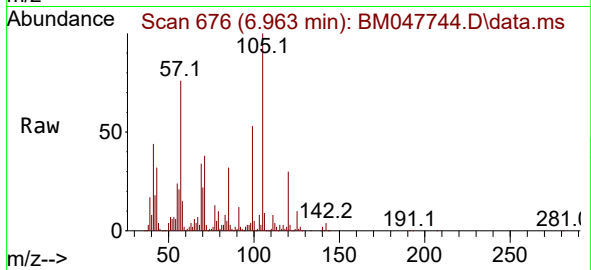




#6
Benzaldehyde
Concen: 3.219 ng/ul
RT: 6.963 min Scan# 61
Delta R.T. 0.012 min
Lab File: BM047744.D
Acq: 01 Oct 2024 15:43

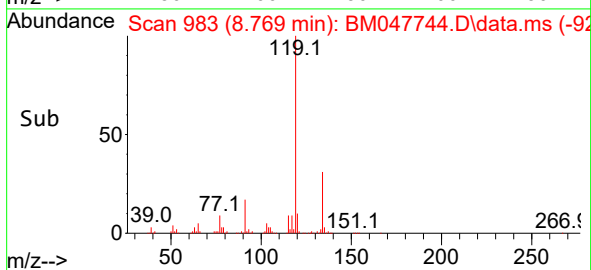
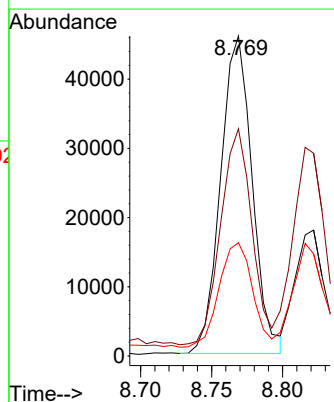
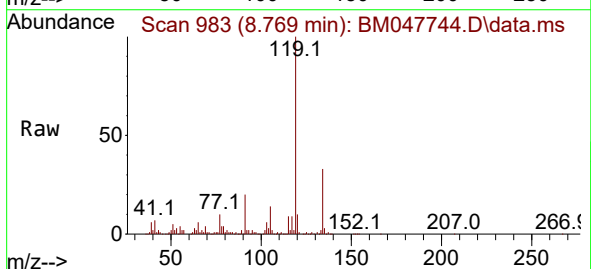
Instrument :
BNA_M
ClientSampleId :
DDCA2

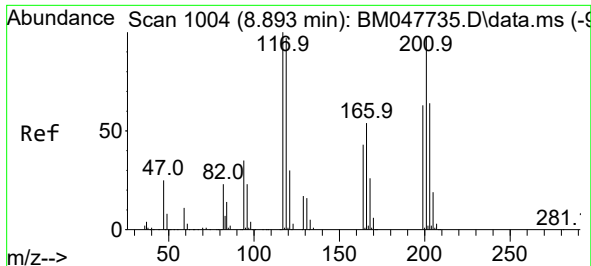
Tgt Ion: 77 Resp: 52719
Ion Ratio Lower Upper
77 100
105 774.2 72.2 108.2#
106 67.1 70.7 106.1#



#16
Acetophenone
Concen: 1.851 ng/ul
RT: 8.769 min Scan# 983
Delta R.T. 0.135 min
Lab File: BM047744.D
Acq: 01 Oct 2024 15:43

Tgt Ion: 105 Resp: 70895
Ion Ratio Lower Upper
105 100
77 71.0 66.6 100.0
51 35.4 27.0 40.4





#19

Hexachloroethane

Concen: 6.780 ng/ul

RT: 8.922 min Scan# 1109

Delta R.T. 0.023 min

Lab File: BM047744.D

Acq: 01 Oct 2024 15:43

Instrument :

BNA_M

ClientSampleId :

DDCA2

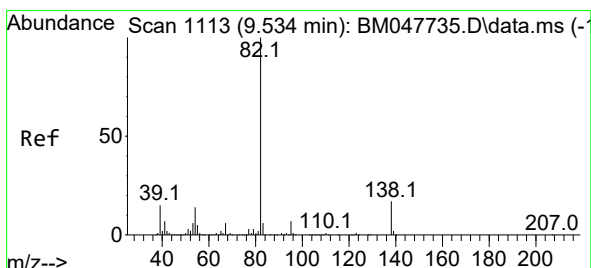
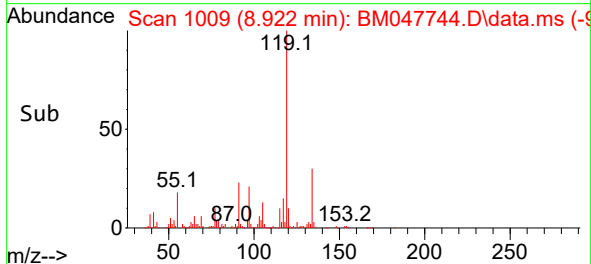
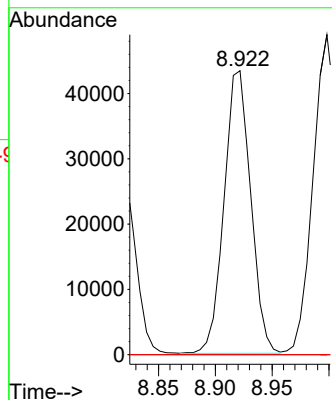
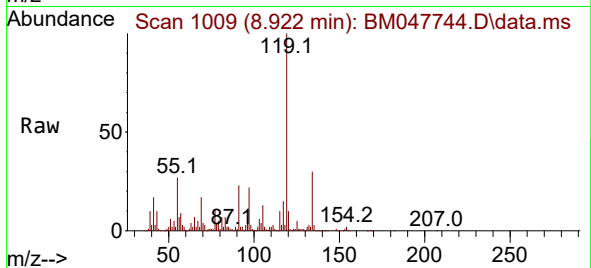
Tgt Ion:117 Resp: 70727

Ion Ratio Lower Upper

117 100

201 0.0 71.0 106.6#

199 0.0 44.2 66.4#



#23

Isophorone

Concen: 6.999 ng/ul

RT: 9.533 min Scan# 1113

Delta R.T. -0.006 min

Lab File: BM047744.D

Acq: 01 Oct 2024 15:43

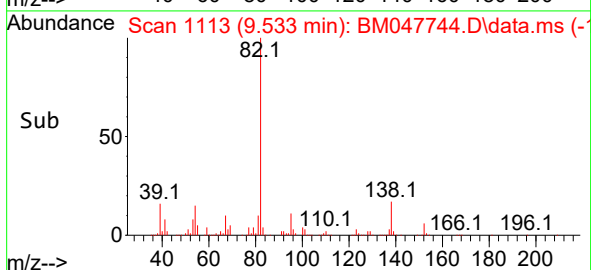
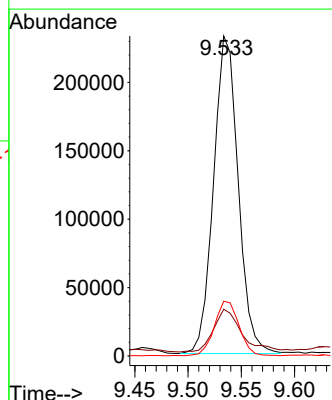
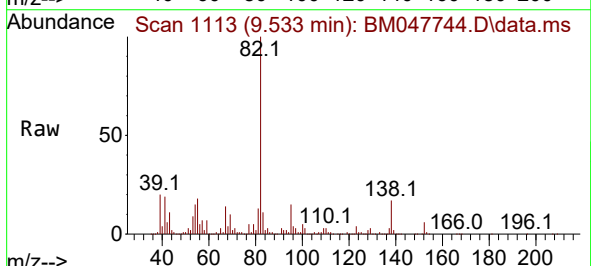
Tgt Ion: 82 Resp: 373061

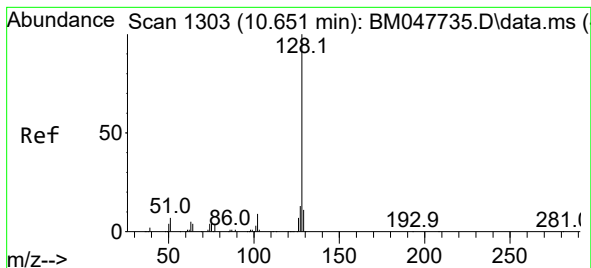
Ion Ratio Lower Upper

82 100

95 14.6 4.9 7.3#

138 17.1 12.0 18.0

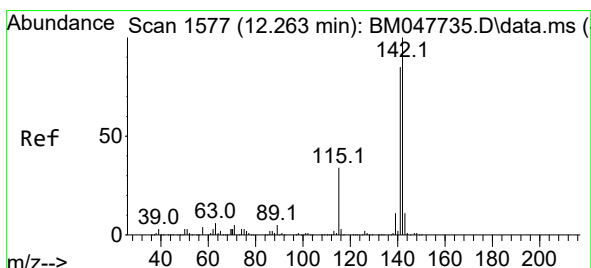
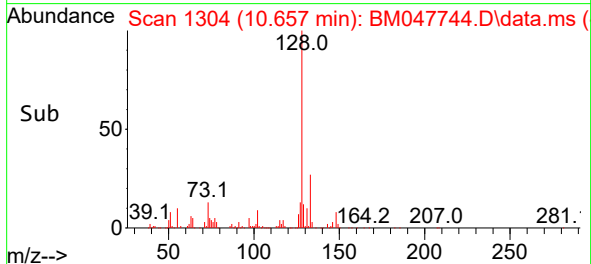
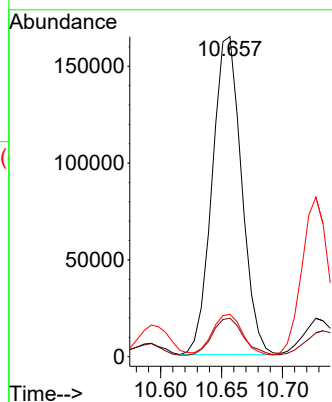
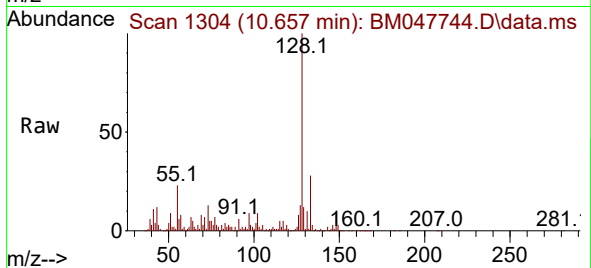




#30
Naphthalene
Concen: 3.643 ng/ul
RT: 10.657 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM047744.D
Acq: 01 Oct 2024 15:43

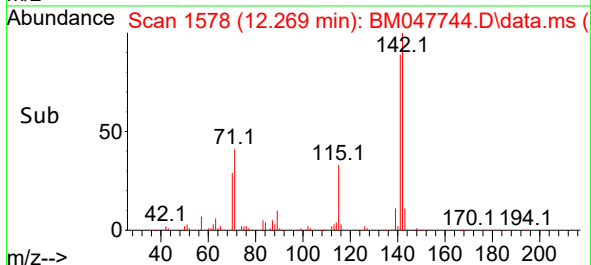
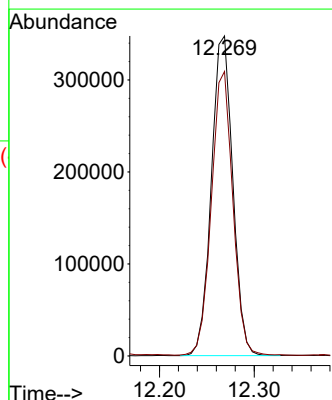
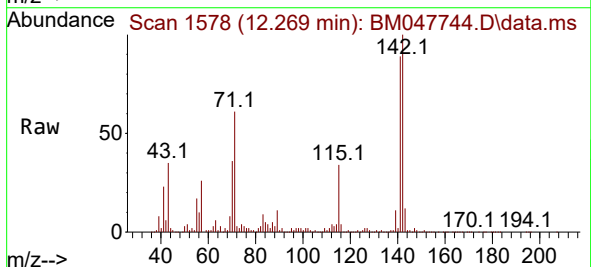
Instrument :
BNA_M
ClientSampleId :
DDCA2

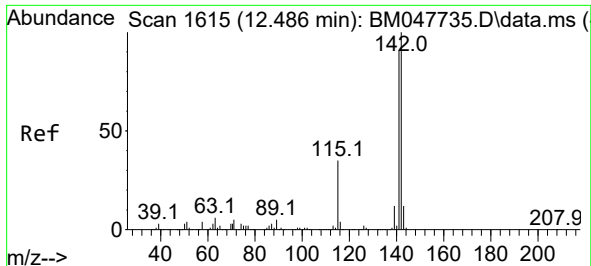
Tgt Ion:128 Resp: 276033
Ion Ratio Lower Upper
128 100
129 12.0 8.6 12.8
127 13.2 10.4 15.6



#36
2-Methylnaphthalene
Concen: 11.313 ng/ul
RT: 12.269 min Scan# 1578
Delta R.T. -0.000 min
Lab File: BM047744.D
Acq: 01 Oct 2024 15:43

Tgt Ion:142 Resp: 544702
Ion Ratio Lower Upper
142 100
141 88.9 72.5 108.7





#37

1-Methylnaphthalene

Concen: 6.841 ng/ul

RT: 12.486 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM047744.D

Acq: 01 Oct 2024 15:43

Instrument :

BNA_M

ClientSampleId :

DDCA2

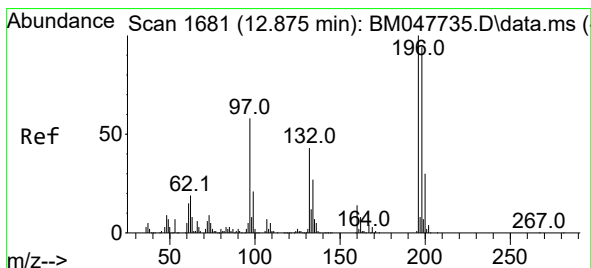
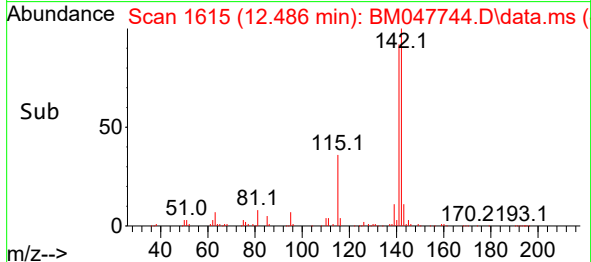
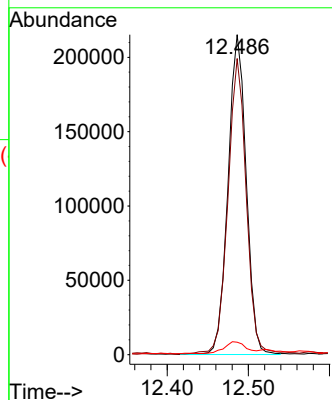
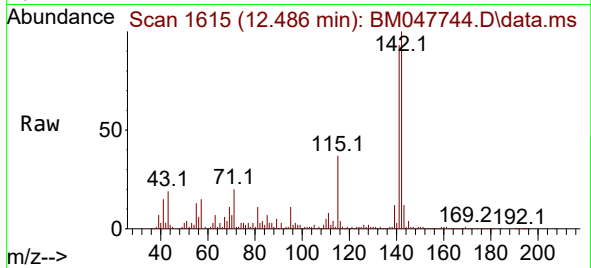
Tgt Ion:142 Resp: 335119

Ion Ratio Lower Upper

142 100

141 92.5 73.4 110.2

116 3.9 3.0 4.6



#41

2,4,6-Trichlorophenol

Concen: 1.161 ng/ul

RT: 12.874 min Scan# 1681

Delta R.T. -0.006 min

Lab File: BM047744.D

Acq: 01 Oct 2024 15:43

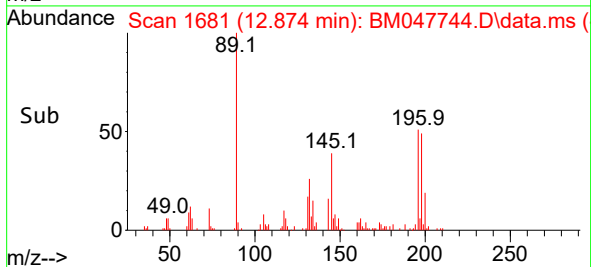
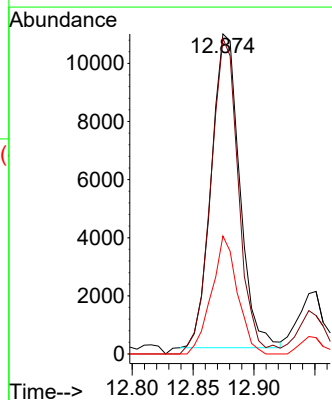
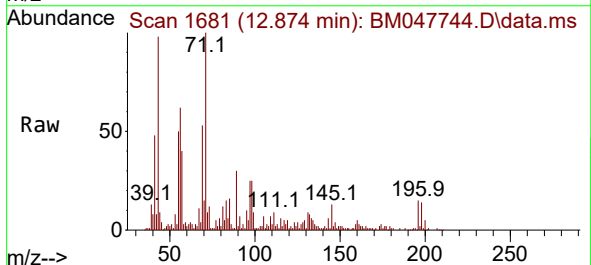
Tgt Ion:196 Resp: 17497

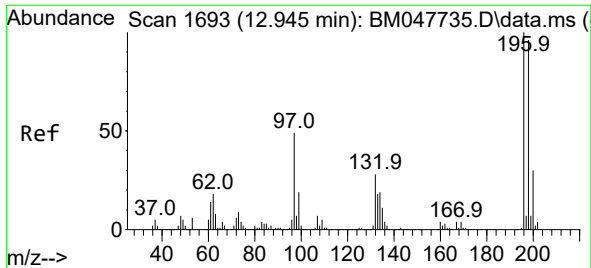
Ion Ratio Lower Upper

196 100

198 98.6 77.1 115.7

200 36.9 24.5 36.7#

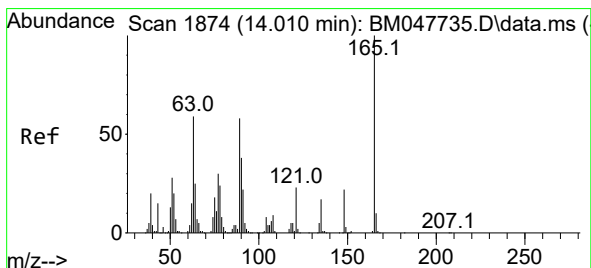
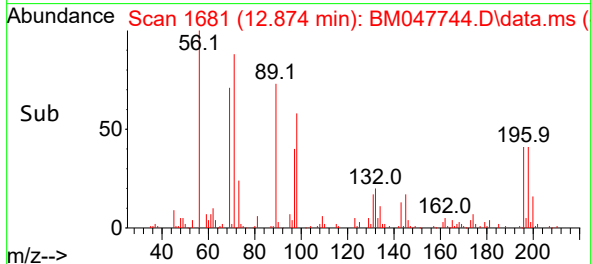
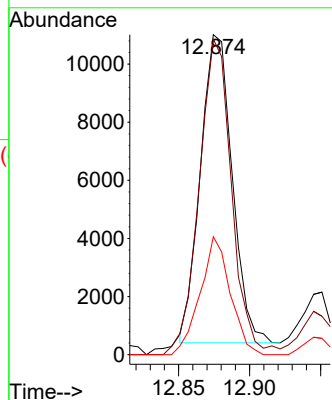
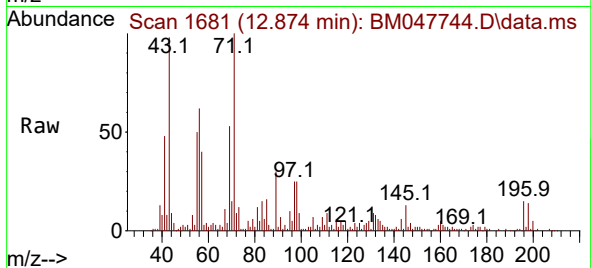




#42
2,4,5-Trichlorophenol
Concen: 1.001 ng/ul
RT: 12.874 min Scan# 1
Delta R.T. -0.071 min
Lab File: BM047744.D
Acq: 01 Oct 2024 15:43

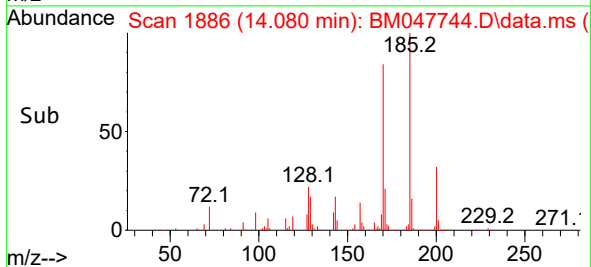
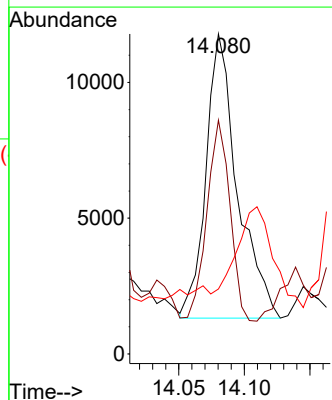
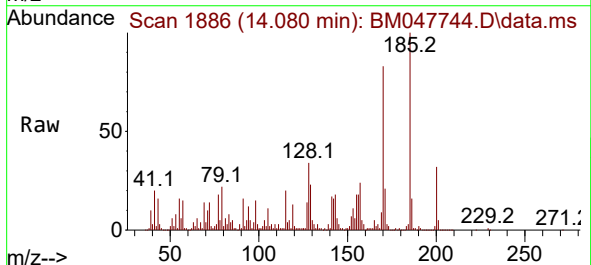
Instrument :
BNA_M
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DDCA2

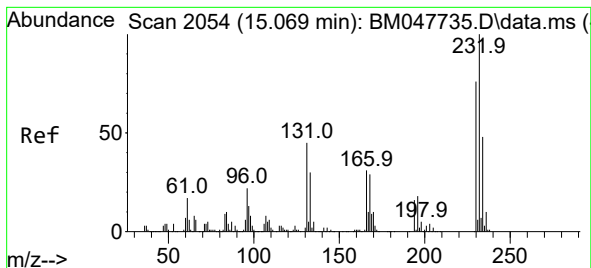
Tgt Ion:196 Resp: 16509
Ion Ratio Lower Upper
196 100
198 98.6 79.5 119.3
200 36.9 25.8 38.8



#48
2,6-Dinitrotoluene
Concen: 1.692 ng/ul
RT: 14.080 min Scan# 1886
Delta R.T. 0.065 min
Lab File: BM047744.D
Acq: 01 Oct 2024 15:43

Tgt Ion:165 Resp: 17468
Ion Ratio Lower Upper
165 100
89 73.0 58.5 87.7
121 20.3 20.2 30.2

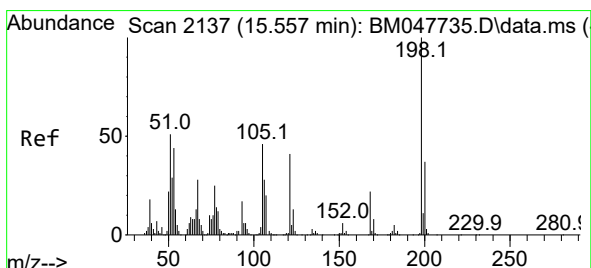
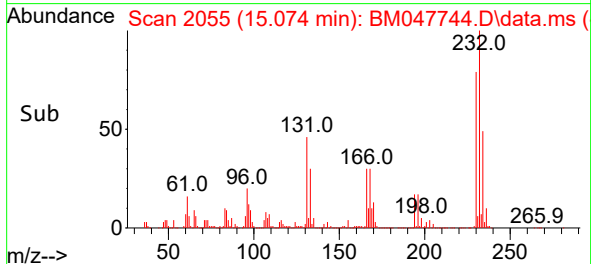
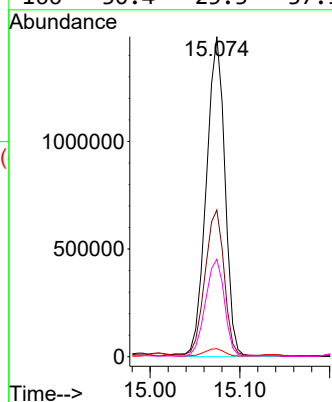
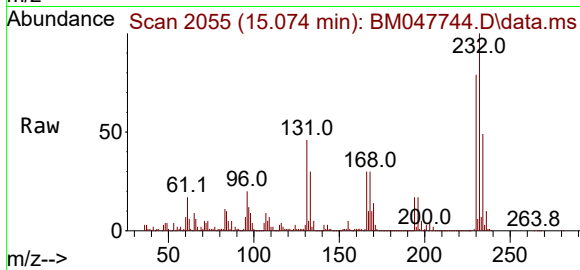




#58
2,3,4,6-Tetrachlorophenol
Concen: 164.419 ng/ul
RT: 15.074 min Scan# 2054
Delta R.T. 0.006 min
Lab File: BM047744.D
Acq: 01 Oct 2024 15:43

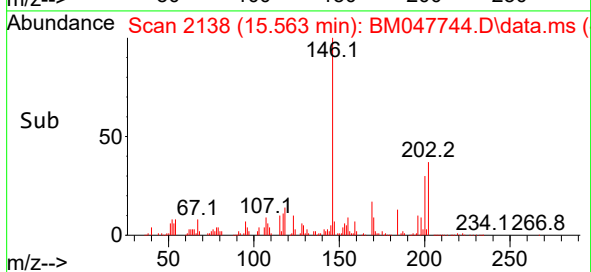
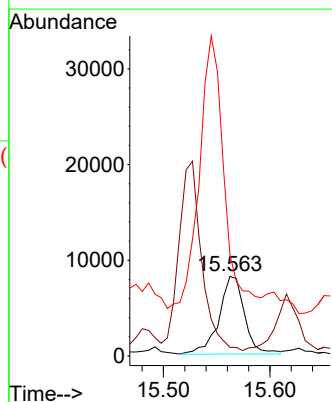
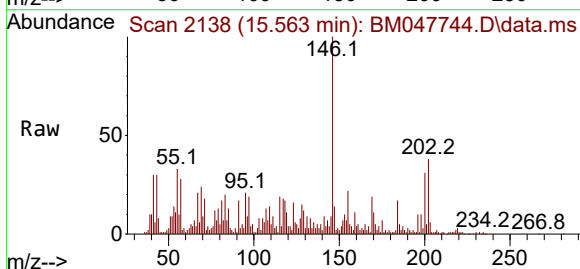
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BNA_M
ClientSampleId :
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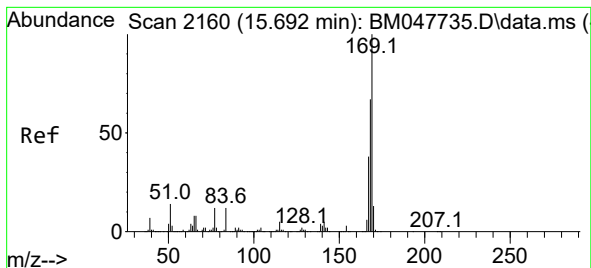
Tgt Ion:232 Resp: 2136766
Ion Ratio Lower Upper
232 100
131 45.8 40.2 60.4
130 2.5 2.6 4.0#
166 30.4 25.3 37.9



#66
4,6-Dinitro-2-methylphenol
Concen: 1.363 ng/ul
RT: 15.563 min Scan# 2138
Delta R.T. -0.000 min
Lab File: BM047744.D
Acq: 01 Oct 2024 15:43

Tgt Ion:198 Resp: 13539
Ion Ratio Lower Upper
198 100
182 10.9 5.1 7.7#
77 127.1 26.2 39.2#





#67

N-Nitrosodiphenylamine

Concen: 1.387 ng/ul

RT: 15.704 min Scan# 2160

Delta R.T. 0.006 min

Lab File: BM047744.D

Acq: 01 Oct 2024 15:43

Instrument :

BNA_M

ClientSampleId :

DDCA2

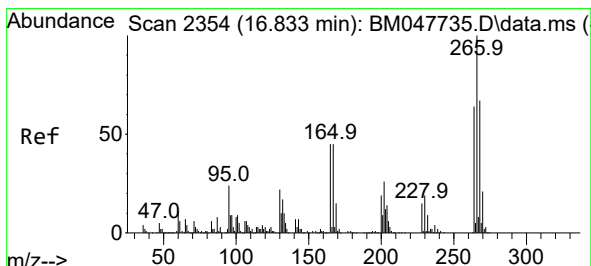
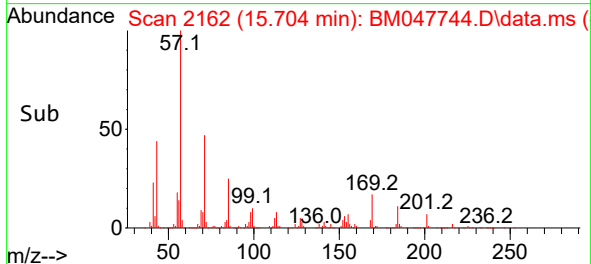
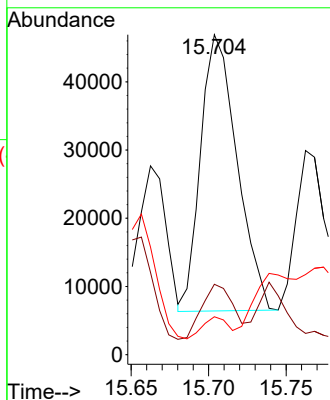
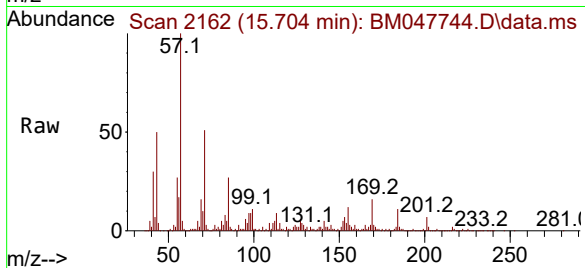
Tgt Ion:169 Resp: 66188

Ion Ratio Lower Upper

169 100

168 22.0 53.5 80.3#

167 11.9 30.0 45.0#



#71

Pentachlorophenol

Concen: 1183.434 ng/ul

RT: 16.874 min Scan# 2361

Delta R.T. 0.035 min

Lab File: BM047744.D

Acq: 01 Oct 2024 15:43

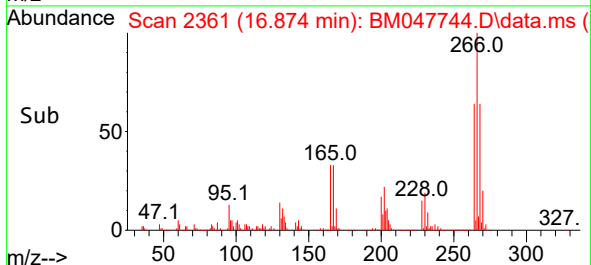
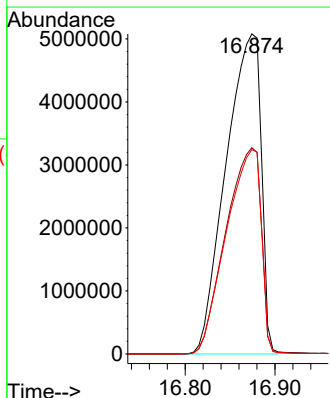
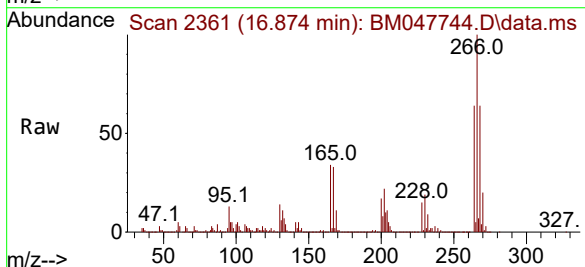
Tgt Ion:266 Resp:13824105

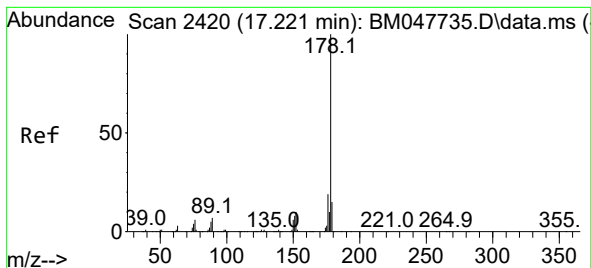
Ion Ratio Lower Upper

266 100

264 64.5 50.2 75.2

268 63.9 50.9 76.3





#72

Phenanthrene

Concen: 2.026 ng/ul

RT: 17.227 min Scan# 2421

Delta R.T. -0.000 min

Lab File: BM047744.D

Acq: 01 Oct 2024 15:43

Instrument :

BNA_M

ClientSampleId :

DDCA2

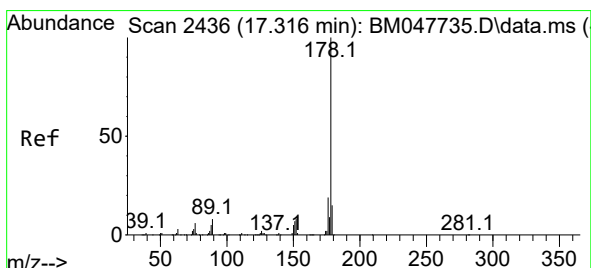
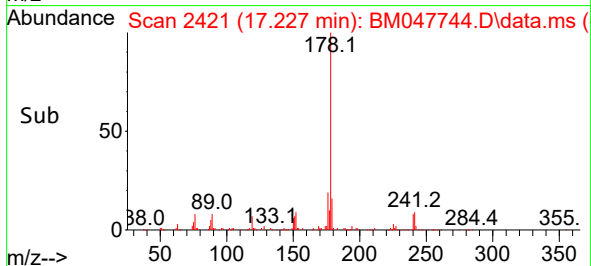
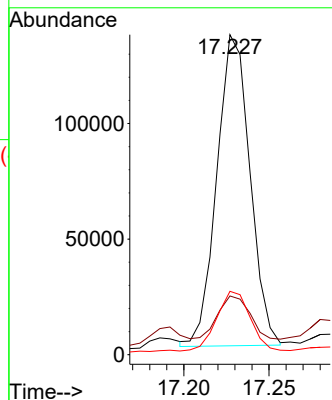
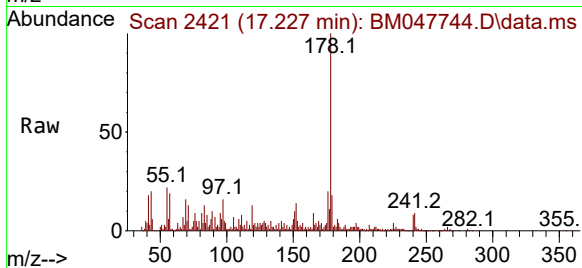
Tgt Ion:178 Resp: 181942

Ion Ratio Lower Upper

178 100

179 18.3 12.0 18.0#

176 19.8 15.4 23.0



#74

Anthracene

Concen: 1.985 ng/ul

RT: 17.227 min Scan# 2421

Delta R.T. -0.088 min

Lab File: BM047744.D

Acq: 01 Oct 2024 15:43

Tgt Ion:178 Resp: 181840

Ion Ratio Lower Upper

178 100

179 18.3 12.4 18.6

176 19.8 14.7 22.1

