

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091922\
 Data File : BP011743.D
 Acq On : 19 Sep 2022 19:49
 Operator : CG/JU
 Sample : N4695-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 INCINERATOR-ASH

Quant Time: Sep 20 04:48:33 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 20 04:42:52 2022
 Response via : Initial Calibration

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

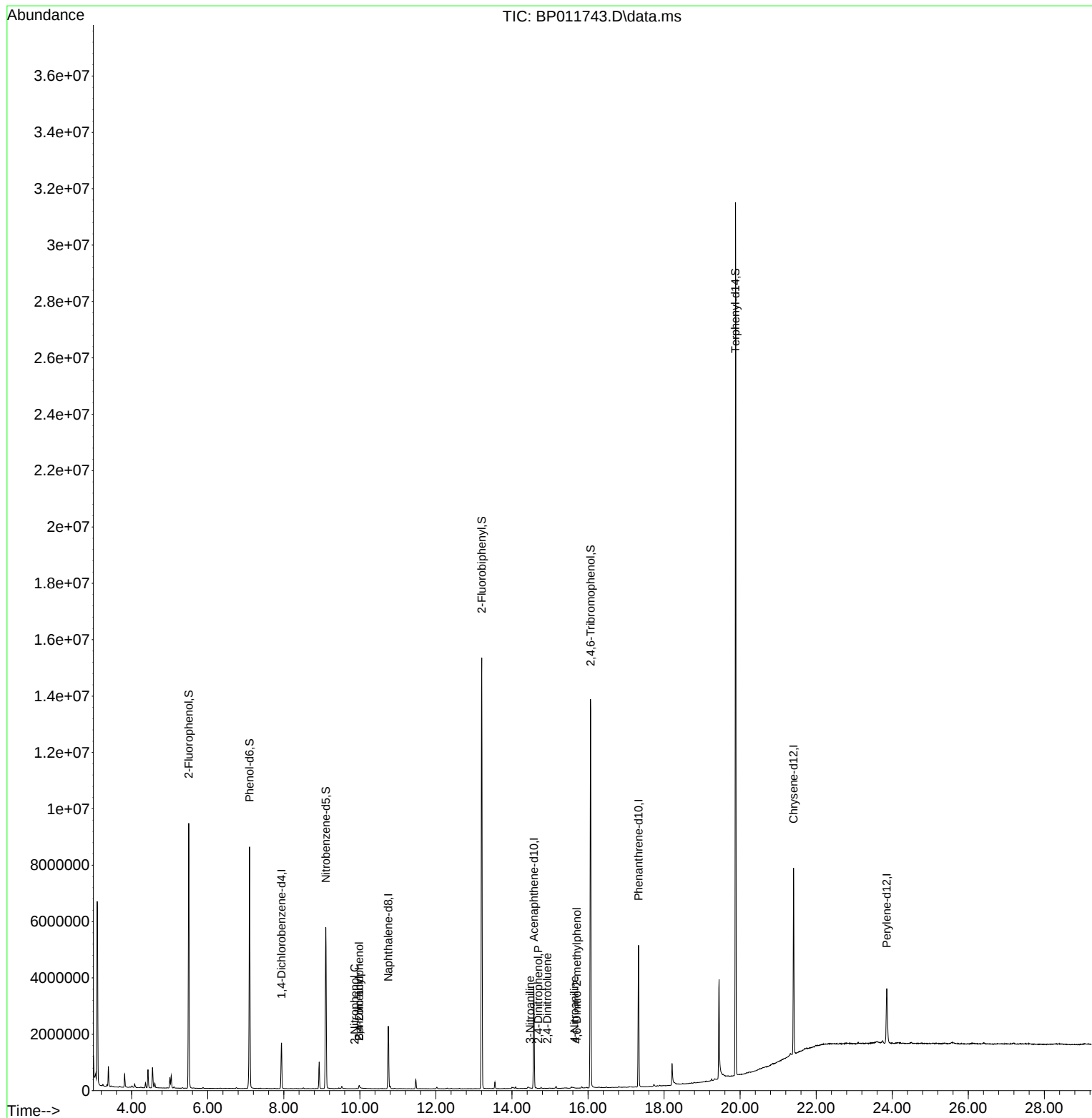
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.940	152	473806	20.000	ng	0.00
21) Naphthalene-d8	10.746	136	1981872	20.000	ng	# 0.00
39) Acenaphthene-d10	14.575	164	1275209	20.000	ng	0.00
64) Phenanthrene-d10	17.328	188	3013361	20.000	ng	0.00
76) Chrysene-d12	21.404	240	3041482	20.000	ng	0.00
86) Perylene-d12	23.851	264	960658	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	4306959	165.459	ng	0.00
7) Phenol-d6	7.099	99	5343407	153.994	ng	0.00
23) Nitrobenzene-d5	9.105	82	3317253	99.268	ng	0.00
42) 2,4,6-Tribromophenol	16.069	330	2837114	284.746	ng	0.00
45) 2-Fluorobiphenyl	13.204	172	8299685	101.170	ng	0.00
79) Terphenyl-d14	19.875	244	13308868	95.155	ng	0.00
Target Compounds						
						Qvalue
26) 2-Nitrophenol	9.863	139	124	3.573	ng	# 1
27) 2,4-Dimethylphenol	9.981	122	75125	3.040	ng	# 1
32) Benzoic acid	9.981	122	75125	9.753	ng	88
53) 3-Nitroaniline	14.481	138	648	2.412	ng	# 50
54) 2,4-Dinitrophenol	14.693	184	142	6.593	ng	# 9
57) 2,4-Dinitrotoluene	14.928	165	131	2.993	ng	# 37
62) 4-Nitroaniline	15.640	138	425	2.745	ng	# 59
65) 4,6-Dinitro-2-methylph...	15.704	198	27	5.855	ng	# 1

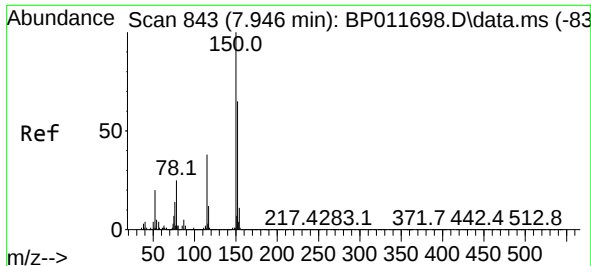
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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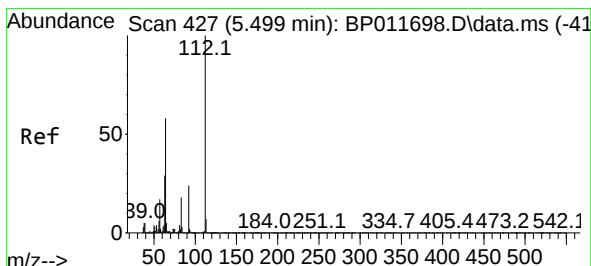
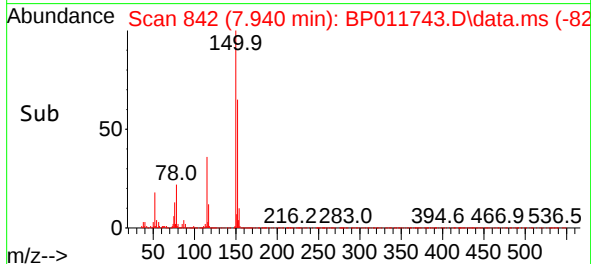
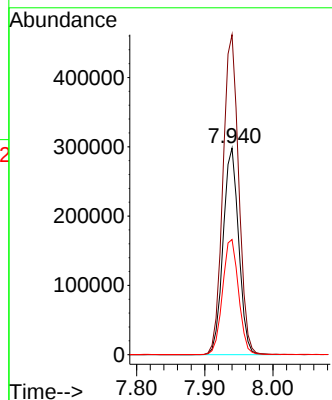
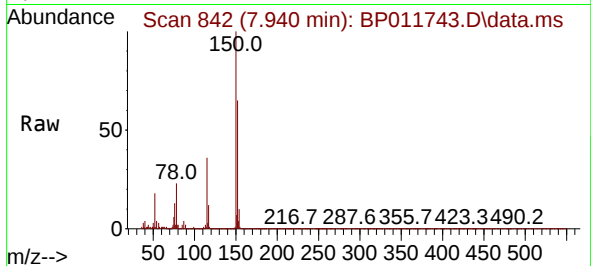




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.940 min Scan# 84
Delta R.T. 0.006 min
Lab File: BP011743.D
Acq: 19 Sep 2022 19:49

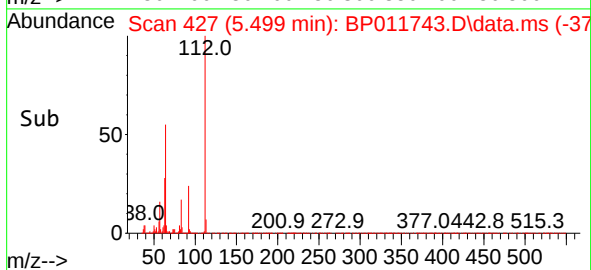
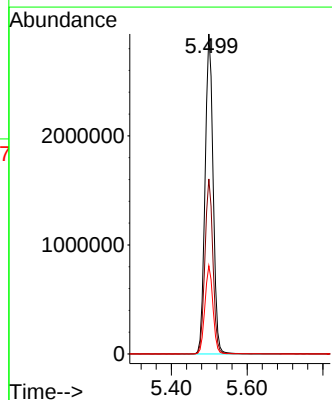
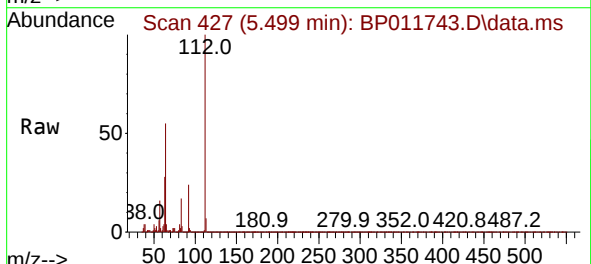
Instrument :
BNA_P
ClientSampleId :
INCINERATOR-ASH

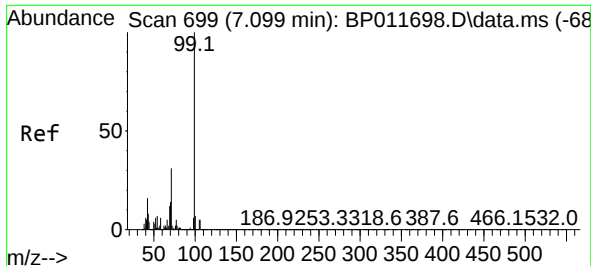
Tgt Ion:152 Resp: 473806
Ion Ratio Lower Upper
152 100
150 155.0 123.4 185.2
115 55.8 51.3 76.9



#5
2-Fluorophenol
Concen: 165.459 ng
RT: 5.499 min Scan# 427
Delta R.T. 0.006 min
Lab File: BP011743.D
Acq: 19 Sep 2022 19:49

Tgt Ion:112 Resp: 4306959
Ion Ratio Lower Upper
112 100
64 54.7 56.9 85.3#
63 27.5 31.2 46.8#

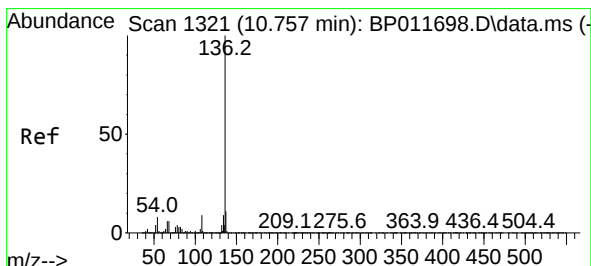
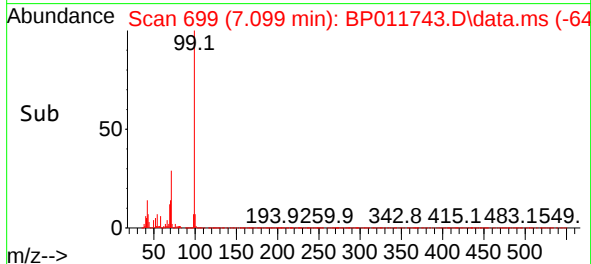
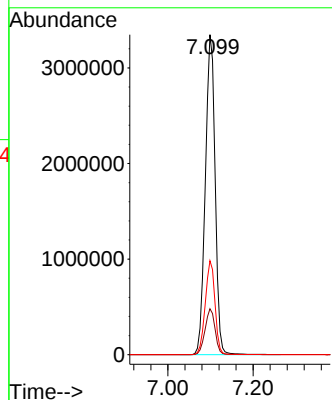
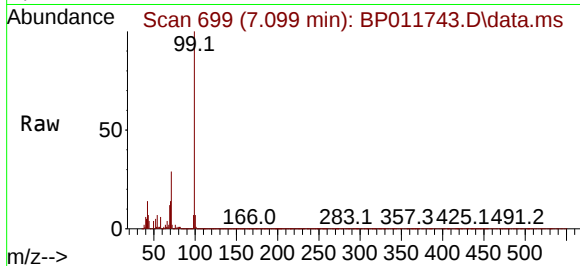




#7
Phenol-d6
Concen: 153.994 ng
RT: 7.099 min Scan# 699
Delta R.T. 0.006 min
Lab File: BP011743.D
Acq: 19 Sep 2022 19:49

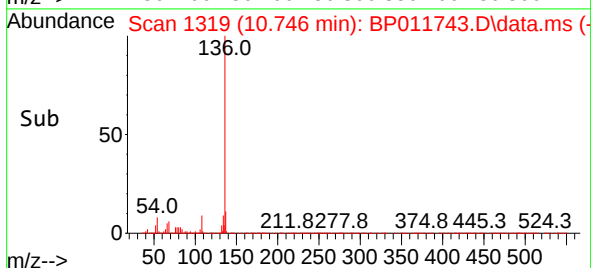
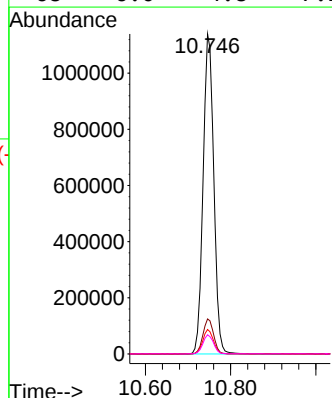
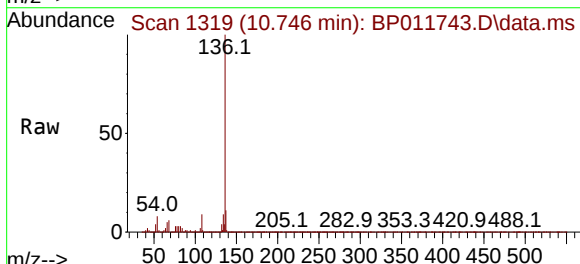
Instrument :
BNA_P
ClientSampleId :
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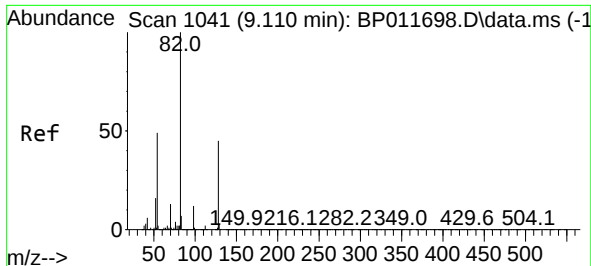
Tgt Ion: 99 Resp: 5343407
Ion Ratio Lower Upper
99 100
42 14.4 20.3 30.5#
71 29.4 33.9 50.9#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.746 min Scan# 1319
Delta R.T. 0.000 min
Lab File: BP011743.D
Acq: 19 Sep 2022 19:49

Tgt Ion: 136 Resp: 1981872
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.4
54 7.7 8.7 13.1#
68 6.0 4.8 7.2

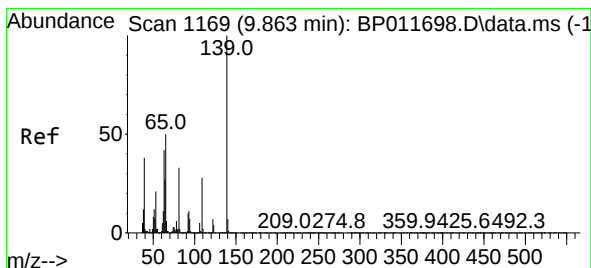
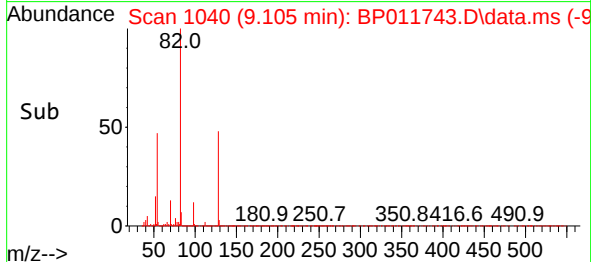
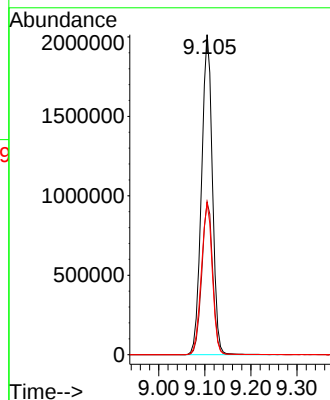
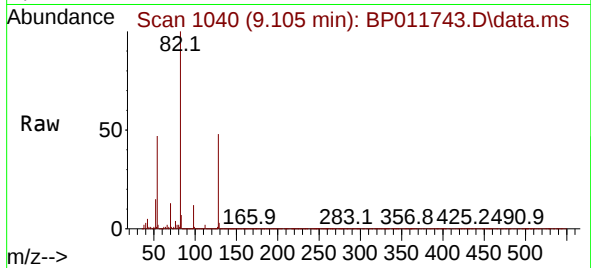




#23
Nitrobenzene-d5
Concen: 99.268 ng
RT: 9.105 min Scan# 1041
Delta R.T. 0.006 min
Lab File: BP011743.D
Acq: 19 Sep 2022 19:49

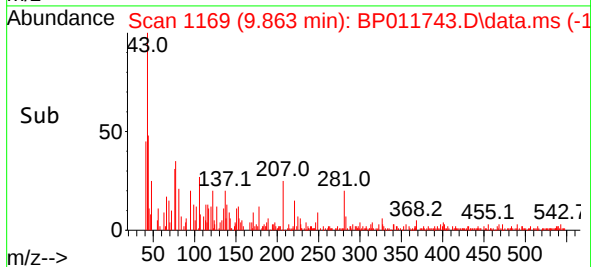
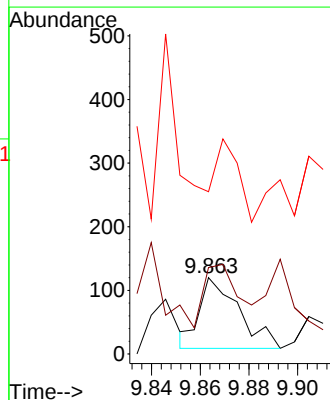
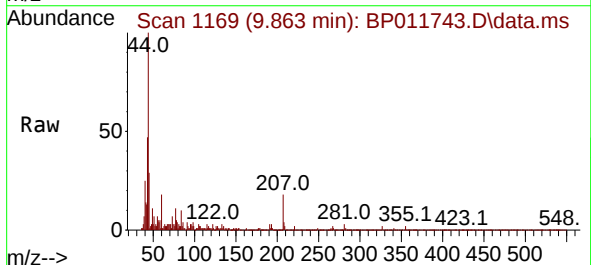
Instrument :
BNA_P
ClientSampleId :
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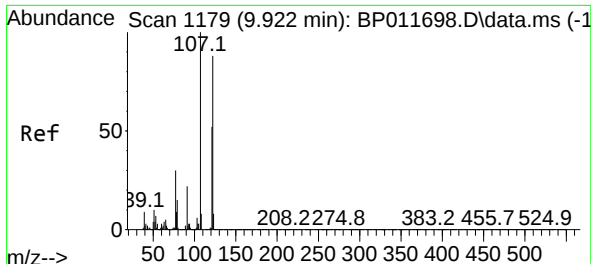
Tgt Ion: 82 Resp: 3317253
Ion Ratio Lower Upper
82 100
128 47.7 31.3 46.9#
54 47.4 49.8 74.8#



#26
2-Nitrophenol
Concen: 3.573 ng
RT: 9.863 min Scan# 1169
Delta R.T. 0.006 min
Lab File: BP011743.D
Acq: 19 Sep 2022 19:49

Tgt Ion:139 Resp: 124
Ion Ratio Lower Upper
139 100
109 113.3 30.2 45.4#
65 212.5 52.2 78.2#





#27

2,4-Dimethylphenol

Concen: 3.040 ng

RT: 9.981 min Scan# 1189

Delta R.T. 0.065 min

Lab File: BP011743.D

Acq: 19 Sep 2022 19:49

Instrument :

BNA_P

ClientSampleId :

INCINERATOR-ASH

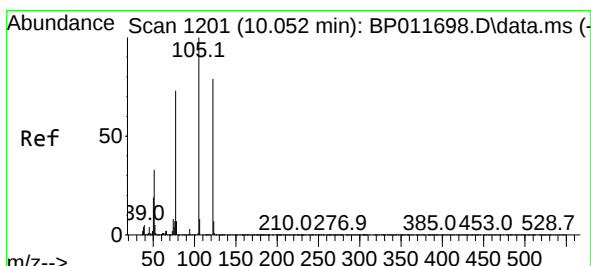
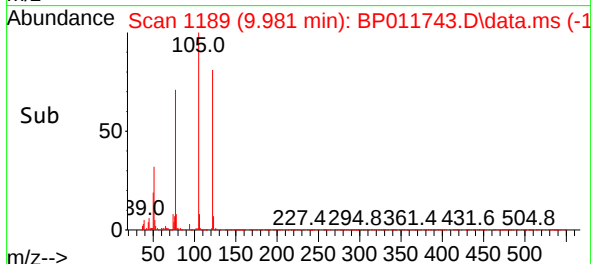
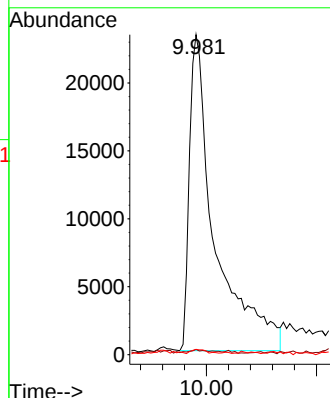
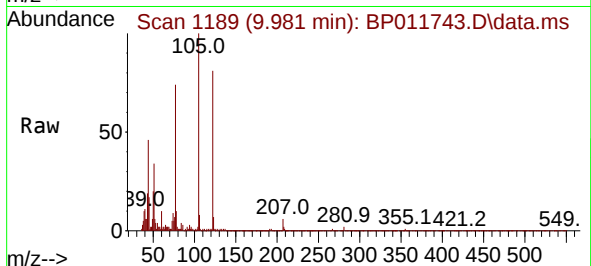
Tgt Ion:122 Resp: 75125

Ion Ratio Lower Upper

122 100

107 1.7 103.5 155.3#

121 1.6 47.5 71.3#



#32

Benzoic acid

Concen: 9.753 ng

RT: 9.981 min Scan# 1189

Delta R.T. -0.053 min

Lab File: BP011743.D

Acq: 19 Sep 2022 19:49

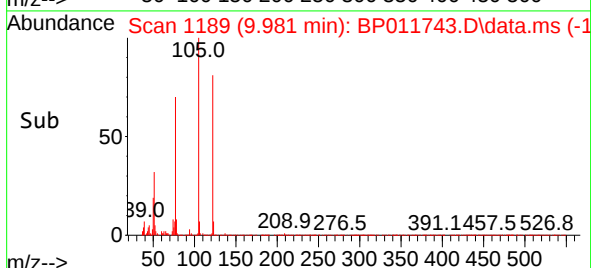
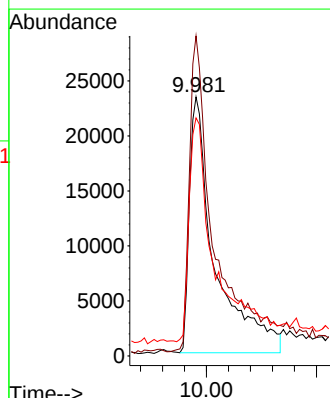
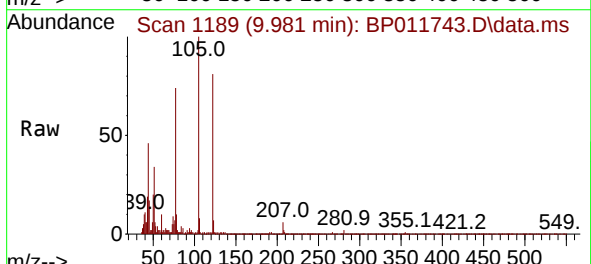
Tgt Ion:122 Resp: 75125

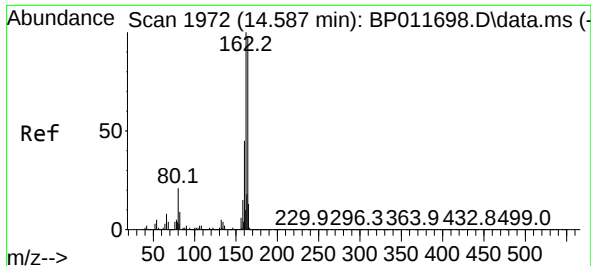
Ion Ratio Lower Upper

122 100

105 123.5 112.6 152.6

77 91.9 90.2 130.2

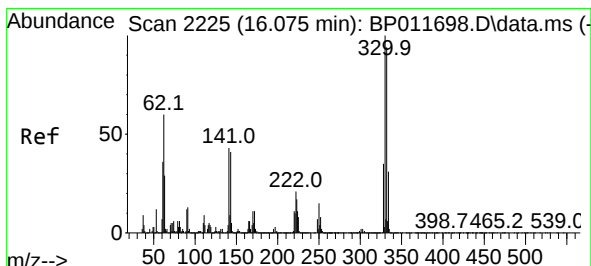
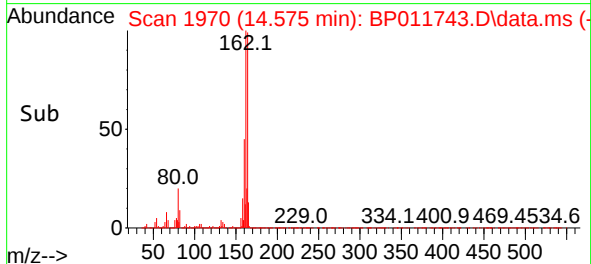
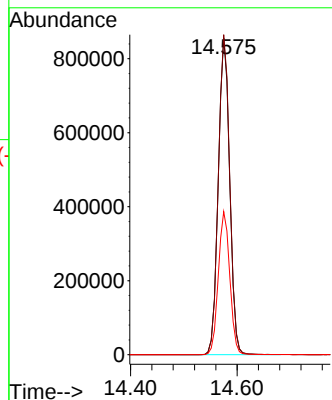
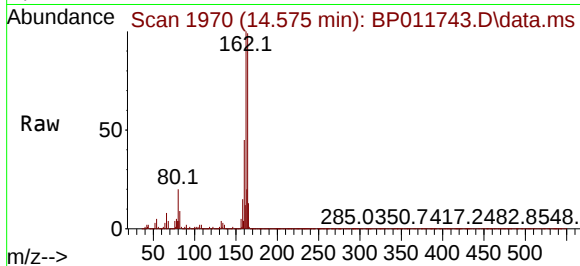




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.575 min Scan# 1972
Delta R.T. 0.000 min
Lab File: BP011743.D
Acq: 19 Sep 2022 19:49

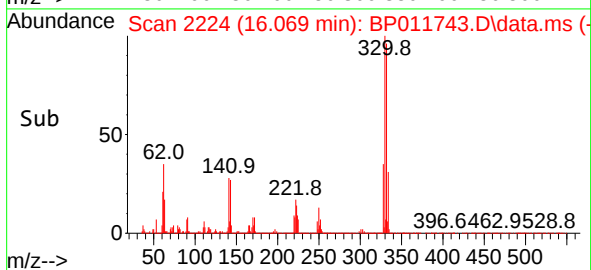
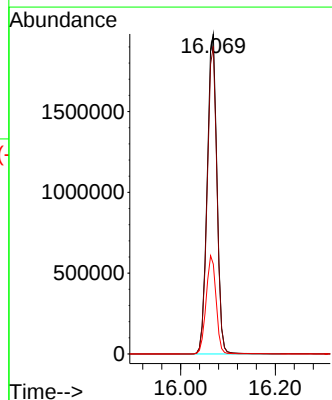
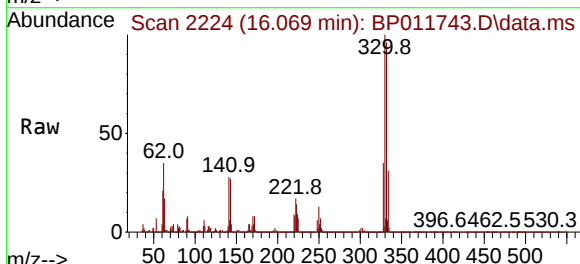
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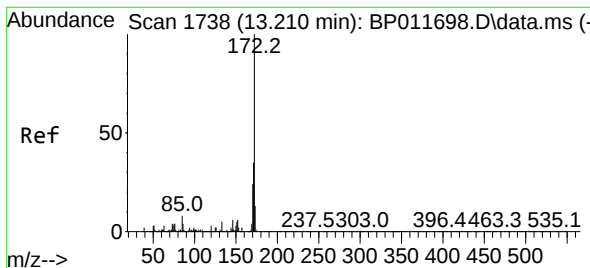
Tgt Ion:164 Resp: 1275209
Ion Ratio Lower Upper
164 100
162 101.0 81.9 122.9
160 45.2 34.6 51.8



#42
2,4,6-Tribromophenol
Concen: 284.746 ng
RT: 16.069 min Scan# 2224
Delta R.T. 0.006 min
Lab File: BP011743.D
Acq: 19 Sep 2022 19:49

Tgt Ion:330 Resp: 2837114
Ion Ratio Lower Upper
330 100
332 95.9 78.1 117.1
141 31.4 31.4 47.2#





#45

2-Fluorobiphenyl

Concen: 101.170 ng

RT: 13.204 min Scan# 1

Delta R.T. 0.006 min

Lab File: BP011743.D

Acq: 19 Sep 2022 19:49

Instrument :

BNA_P

ClientSampleId :

INCINERATOR-ASH

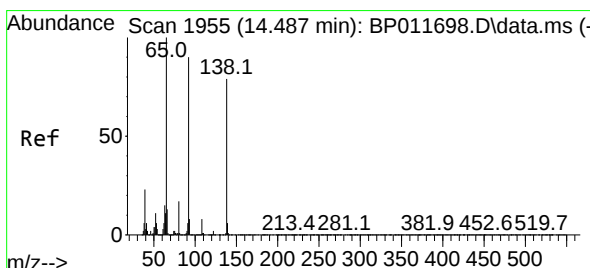
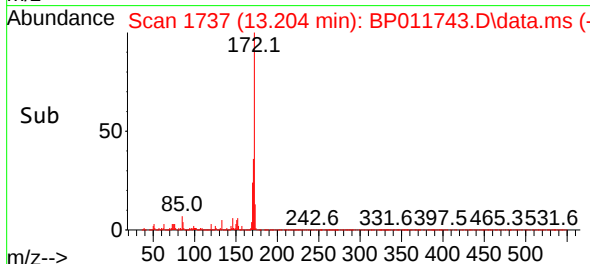
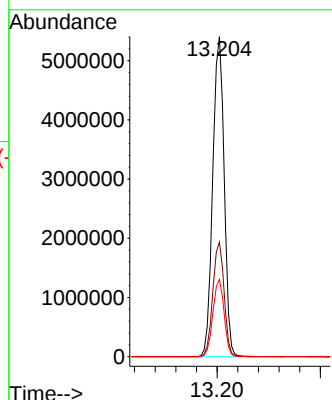
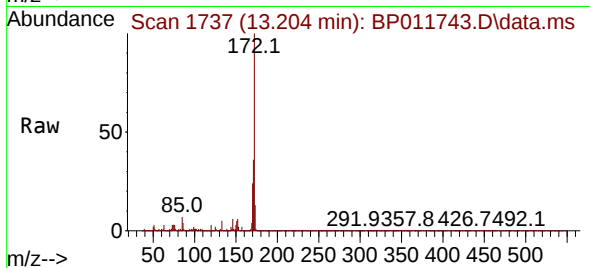
Tgt Ion:172 Resp: 8299685

Ion Ratio Lower Upper

172 100

171 35.8 27.9 41.9

170 24.1 18.2 27.2



#53

3-Nitroaniline

Concen: 2.412 ng

RT: 14.481 min Scan# 1954

Delta R.T. 0.000 min

Lab File: BP011743.D

Acq: 19 Sep 2022 19:49

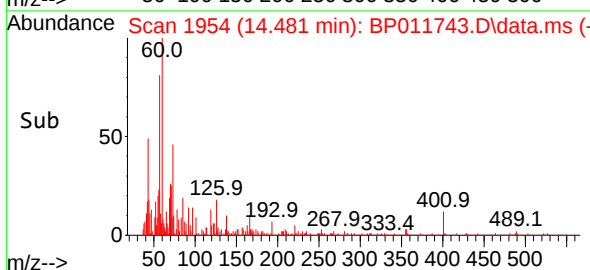
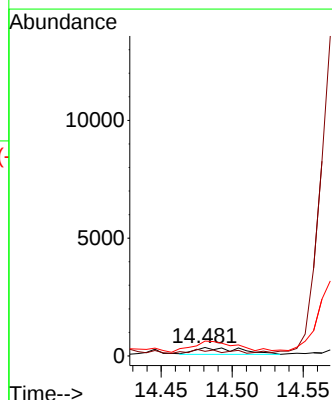
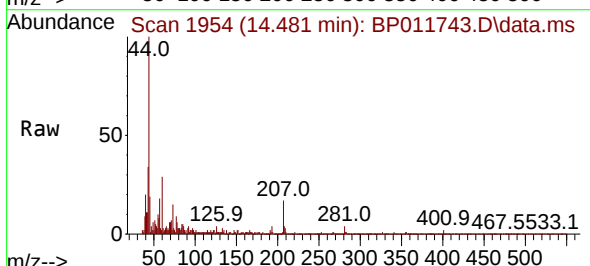
Tgt Ion:138 Resp: 648

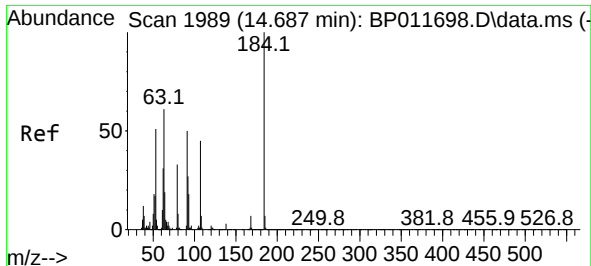
Ion Ratio Lower Upper

138 100

108 54.0 9.5 14.3#

92 175.9 99.9 149.9#

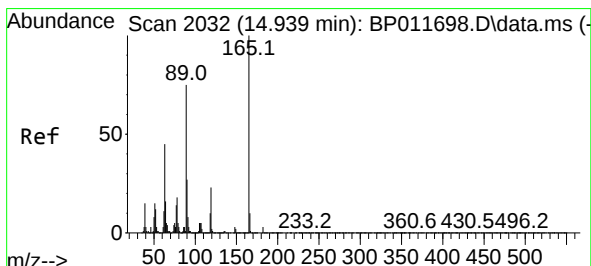
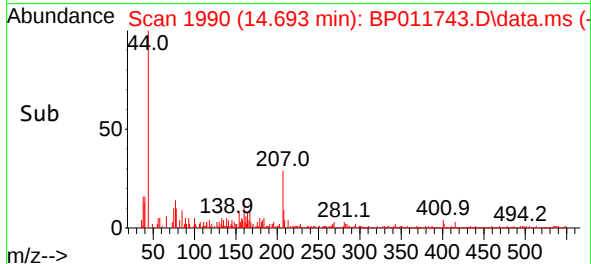
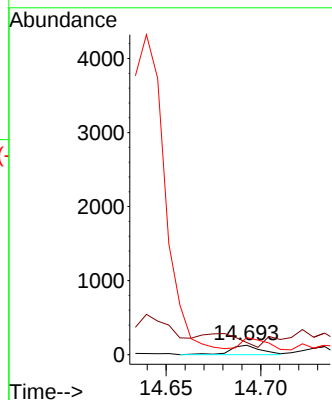
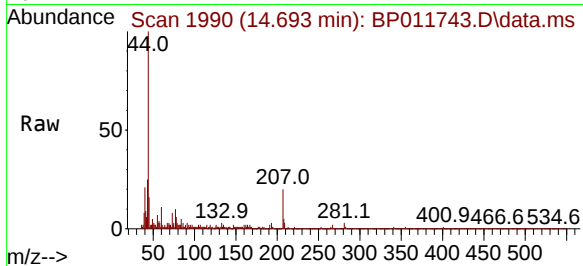




#54
2,4-Dinitrophenol
Concen: 6.593 ng
RT: 14.693 min Scan# 1989
Delta R.T. 0.012 min
Lab File: BP011743.D
Acq: 19 Sep 2022 19:49

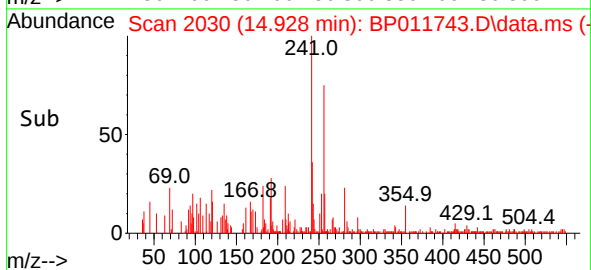
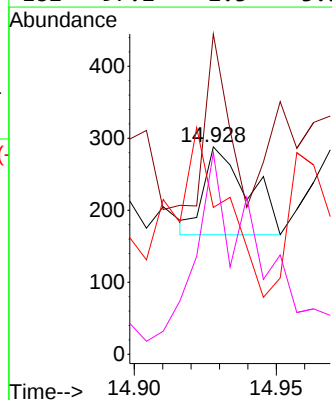
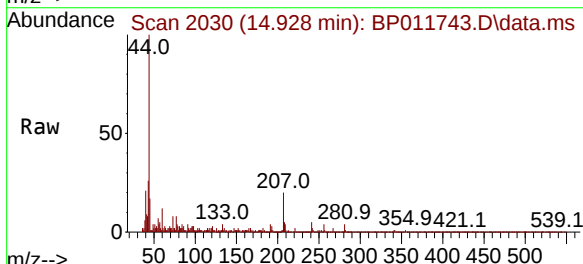
Instrument :
BNA_P
ClientSampleId :
INCINERATOR-ASH

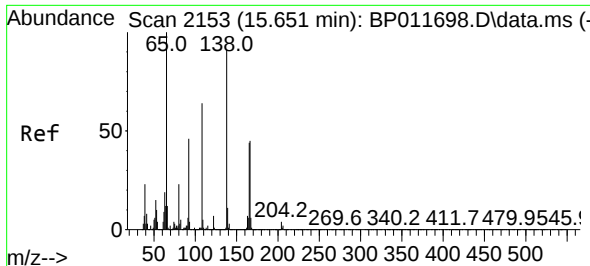
Tgt Ion:184 Resp: 142
Ion Ratio Lower Upper
184 100
63 128.3 65.4 98.2#
154 181.9 55.4 83.2#



#57
2,4-Dinitrotoluene
Concen: 2.993 ng
RT: 14.928 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BP011743.D
Acq: 19 Sep 2022 19:49

Tgt Ion:165 Resp: 131
Ion Ratio Lower Upper
165 100
63 154.5 46.2 69.2#
89 75.7 65.8 98.8
182 97.2 2.3 3.5#

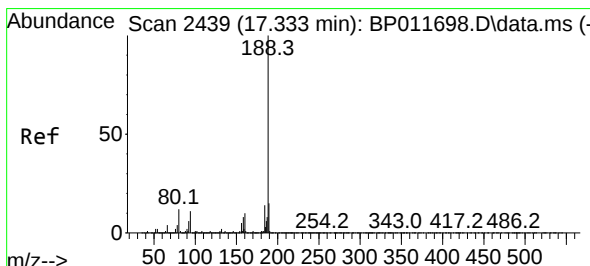
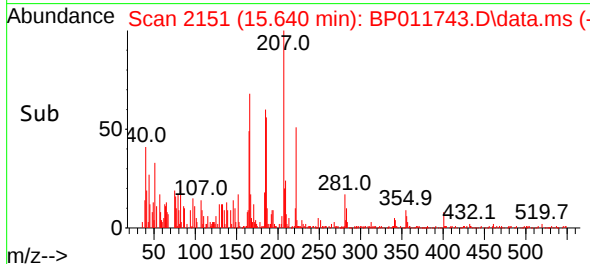
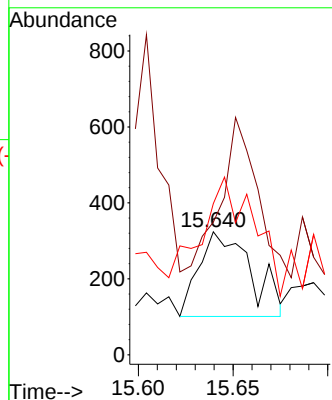
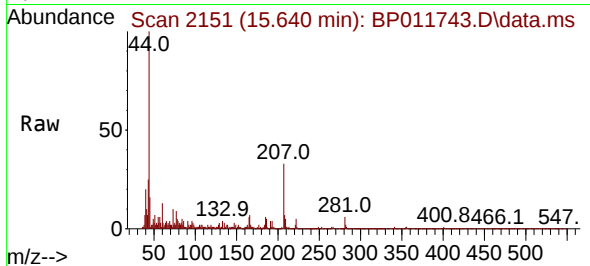




#62
4-Nitroaniline
Concen: 2.745 ng
RT: 15.640 min Scan# 2153
Delta R.T. 0.000 min
Lab File: BP011743.D
Acq: 19 Sep 2022 19:49

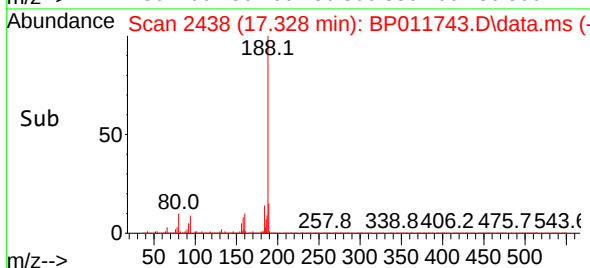
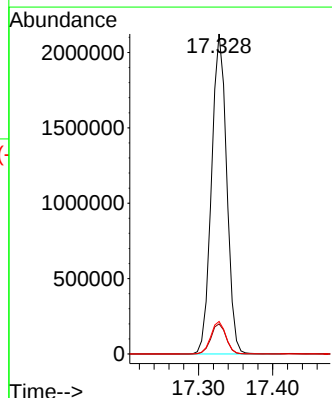
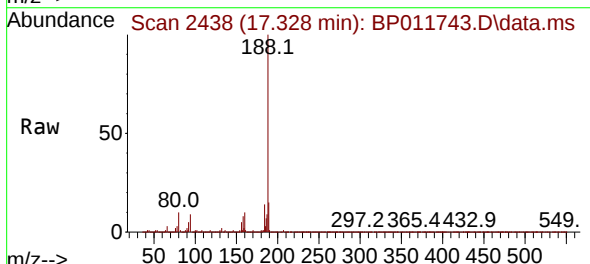
Instrument :
BNA_P
ClientSampleId :
INCINERATOR-ASH

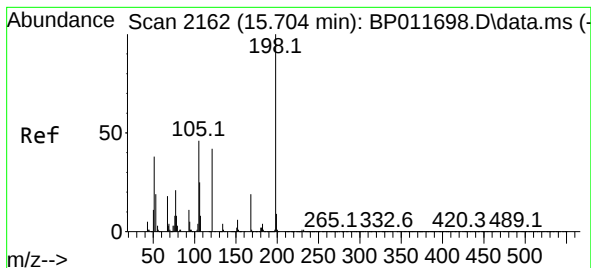
Tgt Ion:138 Resp: 425
Ion Ratio Lower Upper
138 100
92 107.7 38.0 78.0#
108 122.8 77.6 117.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.328 min Scan# 2438
Delta R.T. 0.000 min
Lab File: BP011743.D
Acq: 19 Sep 2022 19:49

Tgt Ion:188 Resp: 3013361
Ion Ratio Lower Upper
188 100
94 9.4 6.6 10.0
80 10.1 8.0 12.0

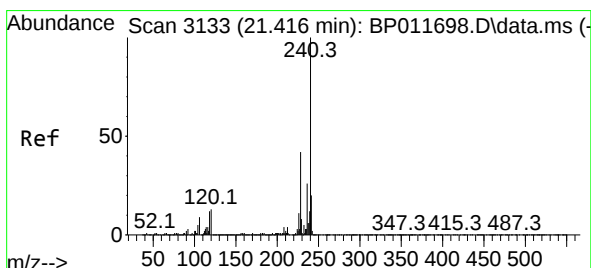
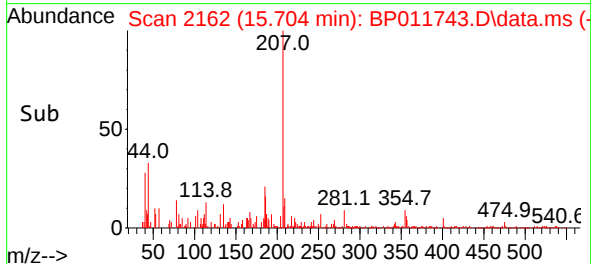
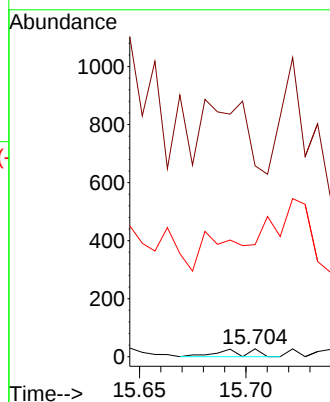
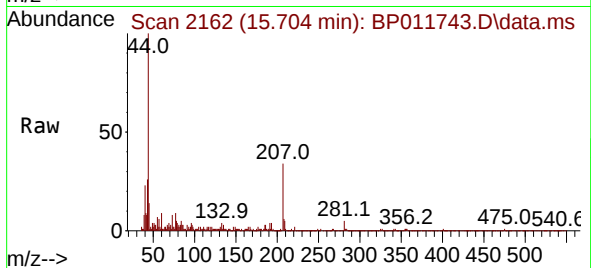




#65
4,6-Dinitro-2-methylphenol
Concen: 5.855 ng
RT: 15.704 min Scan# 2162
Delta R.T. 0.006 min
Lab File: BP011743.D
Acq: 19 Sep 2022 19:49

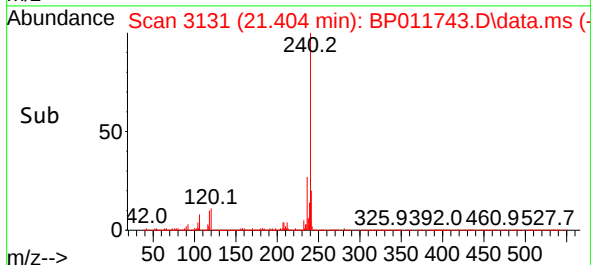
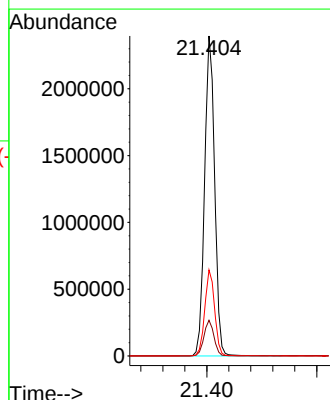
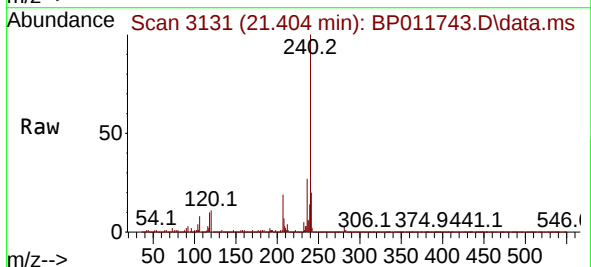
Instrument :
BNA_P
ClientSampleId :
INCINERATOR-ASH

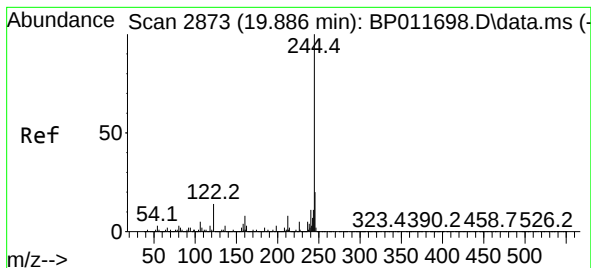
Tgt Ion:198 Resp: 27
Ion Ratio Lower Upper
198 100
51 2437.0 41.2 81.2#
105 1429.6 25.3 65.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.404 min Scan# 3131
Delta R.T. 0.000 min
Lab File: BP011743.D
Acq: 19 Sep 2022 19:49

Tgt Ion:240 Resp: 3041482
Ion Ratio Lower Upper
240 100
120 11.1 8.6 12.8
236 26.9 19.8 29.6





#79

Terphenyl-d14

Concen: 95.155 ng

RT: 19.875 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP011743.D

Acq: 19 Sep 2022 19:49

Instrument :

BNA_P

ClientSampleId :

INCINERATOR-ASH

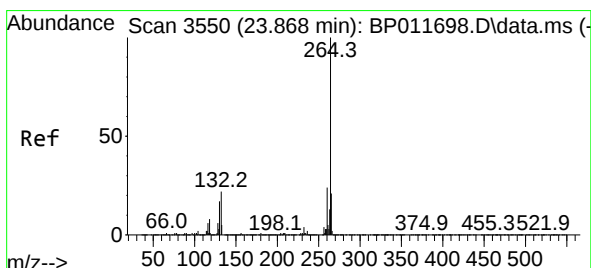
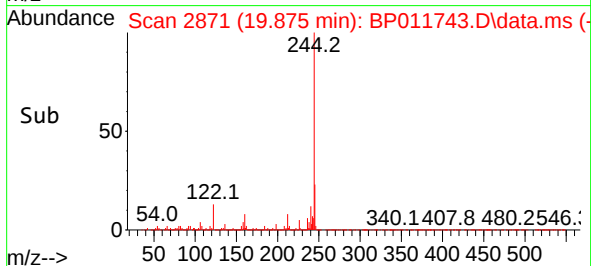
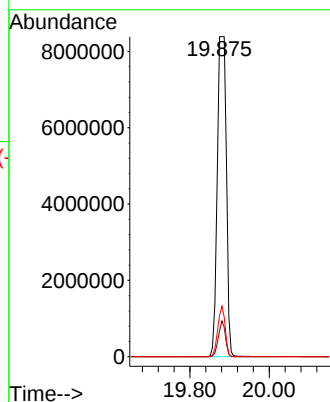
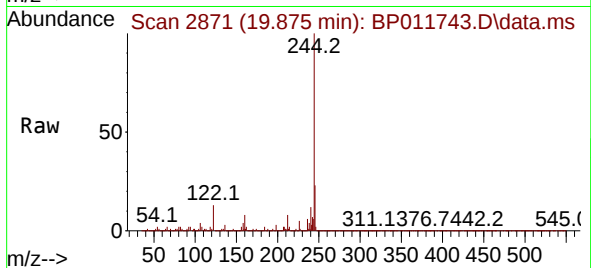
Tgt Ion:244 Resp:13308868

Ion Ratio Lower Upper

244 100

212 8.1 5.8 8.8

122 13.0 7.6 11.4#



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.851 min Scan# 3547

Delta R.T. -0.006 min

Lab File: BP011743.D

Acq: 19 Sep 2022 19:49

Tgt Ion:264 Resp: 960658

Ion Ratio Lower Upper

264 100

260 30.2 19.3 28.9#

265 22.4 18.0 27.0

