

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071321\
 Data File : BP006208.D
 Acq On : 13 Jul 2021 19:26
 Operator : CG/JU
 Sample : M3015-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 RED-FRAC-TANK

Quant Time: Jul 14 01:25:43 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 12 14:59:51 2021
 Response via : Initial Calibration

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

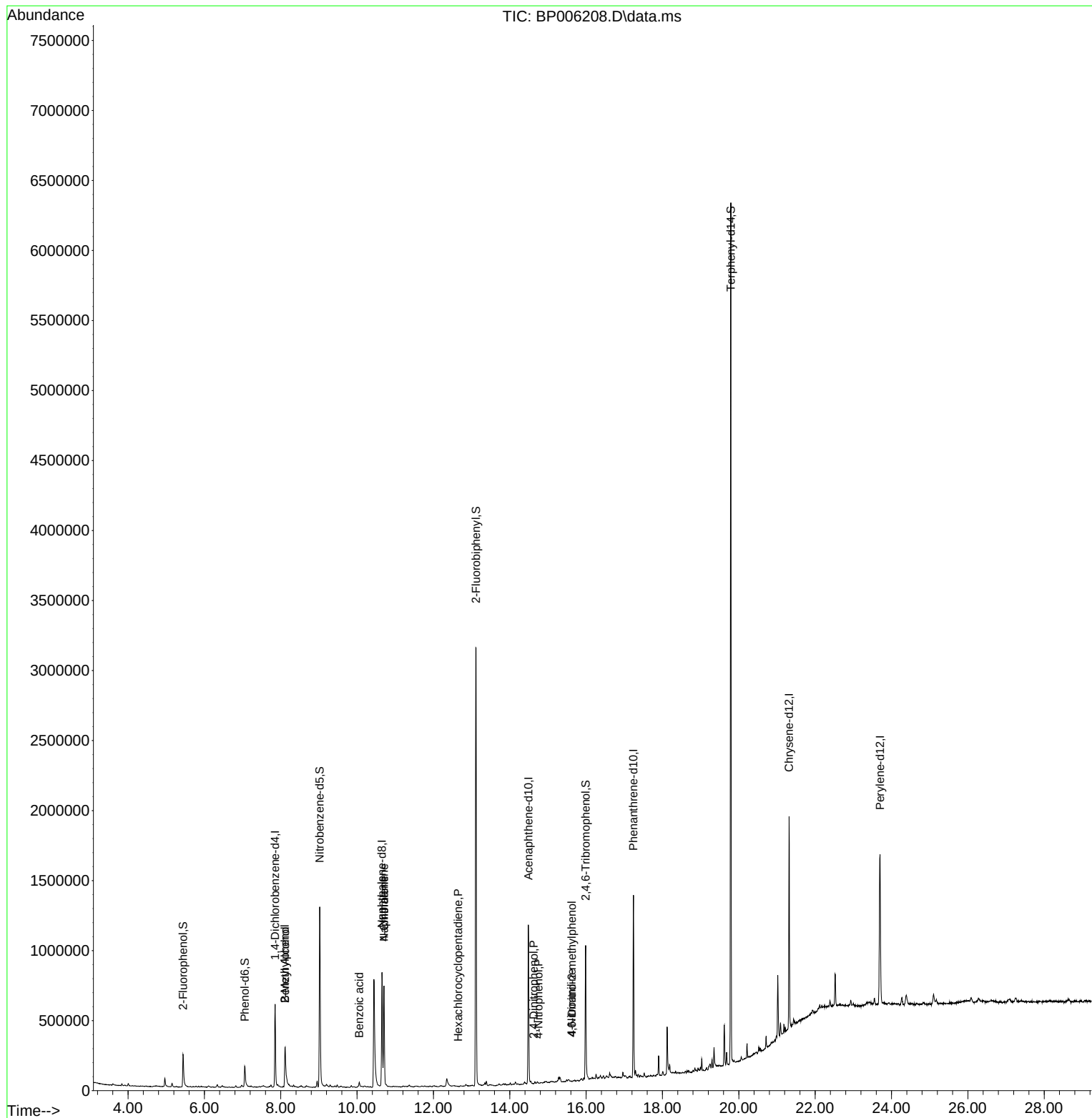
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.852	152	173794	20.000	ng	-0.01
21) Naphthalene-d8	10.651	136	707678	20.000	ng	-0.01
39) Acenaphthene-d10	14.487	164	381672	20.000	ng	-0.01
64) Phenanthrene-d10	17.239	188	737298	20.000	ng	#-0.01
76) Chrysene-d12	21.316	240	658058	20.000	ng	#-0.01
86) Perylene-d12	23.698	264	769296	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	150788	14.929	ng	0.00
7) Phenol-d6	7.058	99	128309	9.604	ng	0.01
23) Nitrobenzene-d5	9.022	82	791025	70.604	ng	-0.01
42) 2,4,6-Tribromophenol	15.986	330	192207	42.299	ng	-0.01
45) 2-Fluorobiphenyl	13.116	172	1729989	67.008	ng	0.00
79) Terphenyl-d14	19.792	244	2609142	78.173	ng	-0.01
Target Compounds						
						Qvalue
15) Benzyl Alcohol	8.116	79	157667	19.520	ng	95
17) 2-Methylphenol	8.110	107	93411	10.701	ng	# 29
31) Naphthalene	10.704	128	595429	16.140	ng	99
32) Benzoic acid	10.057	122	46	6.908	ng	# 1
33) 4-Chloroaniline	10.704	127	79470	5.580	ng	# 37
41) Hexachlorocyclopentadiene	12.645	237	16	8.709	ng	85
54) 2,4-Dinitrophenol	14.628	184	109	8.909	ng	# 28
56) 4-Nitrophenol	14.751	139	237	7.169	ng	# 13
62) 4-Nitroaniline	15.616	138	151	2.981	ng	89
65) 4,6-Dinitro-2-methylph...	15.628	198	78	4.434	ng	# 1

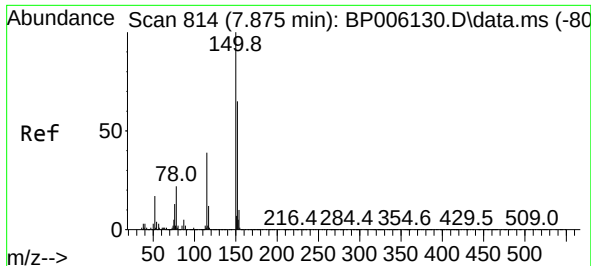
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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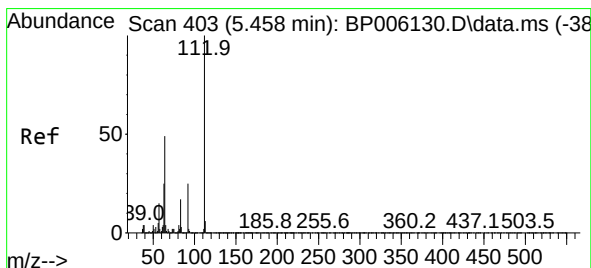
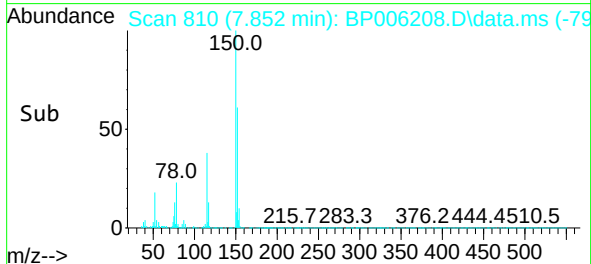
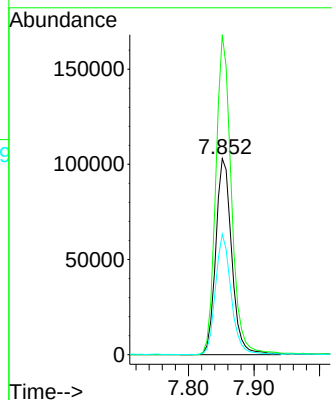
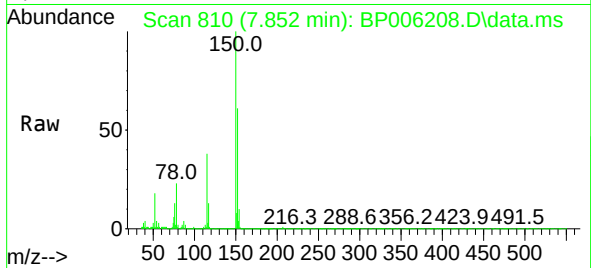




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.852 min Scan# 810
Delta R.T. -0.011 min
Lab File: BP006208.D
Acq: 13 Jul 2021 19:26

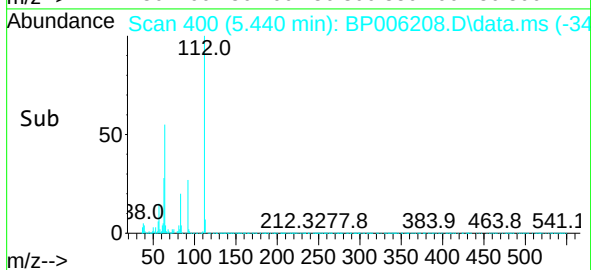
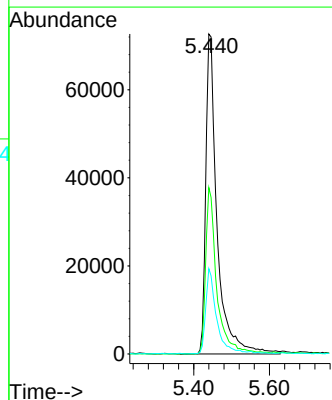
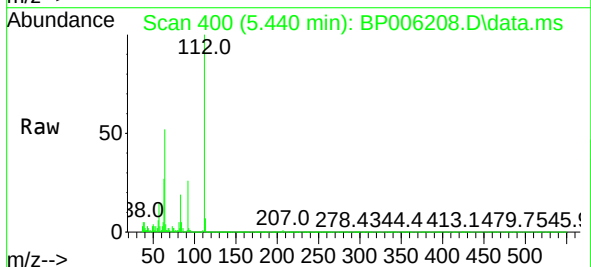
Instrument :
BNA_P
ClientSampleId :
RED-FRAC-TANK

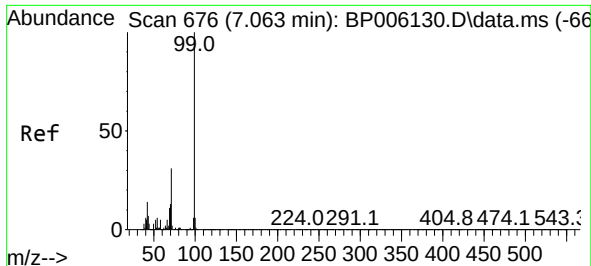
Tgt Ion:152 Resp: 173794
Ion Ratio Lower Upper
152 100
150 163.1 125.6 188.4
115 61.5 48.5 72.7



#5
2-Fluorophenol
Concen: 14.929 ng
RT: 5.440 min Scan# 400
Delta R.T. 0.000 min
Lab File: BP006208.D
Acq: 13 Jul 2021 19:26

Tgt Ion:112 Resp: 150788
Ion Ratio Lower Upper
112 100
64 52.0 41.4 62.2
63 26.7 23.8 35.8

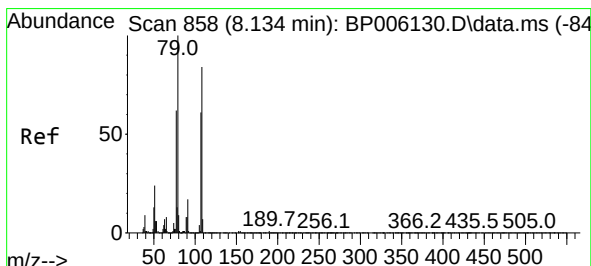
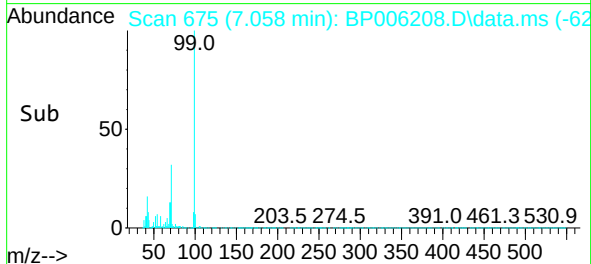
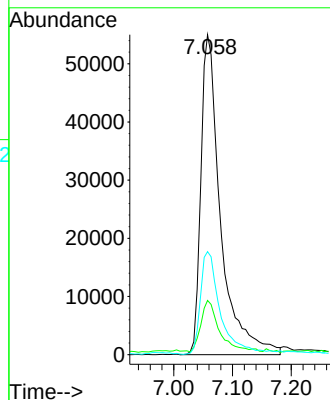
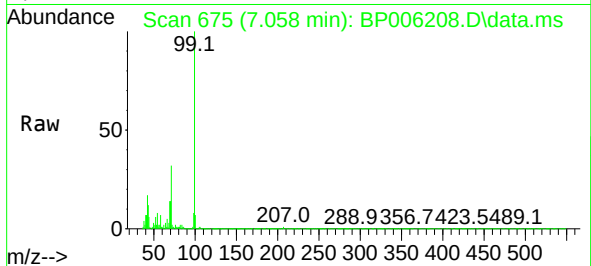




#7
Phenol-d6
Concen: 9.604 ng
RT: 7.058 min Scan# 675
Delta R.T. 0.012 min
Lab File: BP006208.D
Acq: 13 Jul 2021 19:26

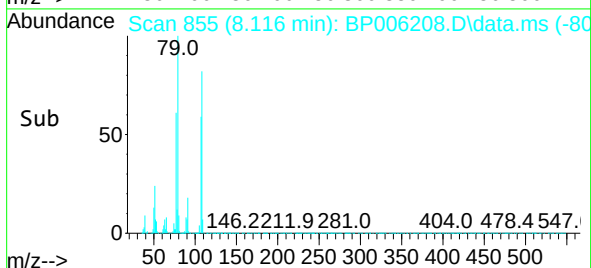
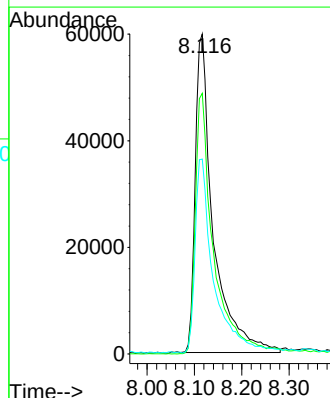
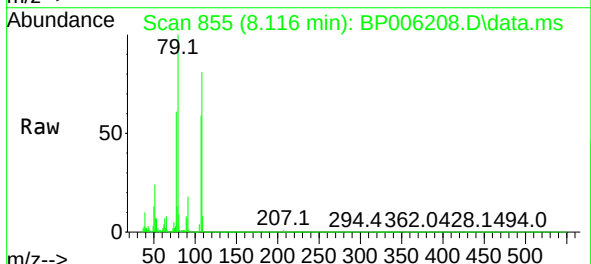
Instrument :
BNA_P
ClientSampleId :
RED-FRAC-TANK

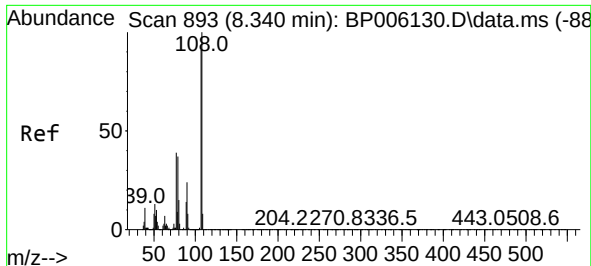
Tgt Ion: 99 Resp: 128309
Ion Ratio Lower Upper
99 100
42 17.0 13.4 20.0
71 32.2 30.6 46.0



#15
Benzyl Alcohol
Concen: 19.520 ng
RT: 8.116 min Scan# 855
Delta R.T. 0.000 min
Lab File: BP006208.D
Acq: 13 Jul 2021 19:26

Tgt Ion: 79 Resp: 157667
Ion Ratio Lower Upper
79 100
108 81.5 62.5 93.7
77 60.9 52.9 79.3





#17

2-Methylphenol

Concen: 10.701 ng

RT: 8.110 min Scan# 854

Delta R.T. -0.211 min

Lab File: BP006208.D

Acq: 13 Jul 2021 19:26

Instrument :

BNA_P

ClientSampleId :

RED-FRAC-TANK

Tgt Ion:107 Resp: 93411

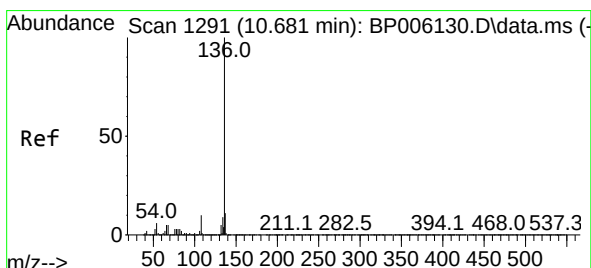
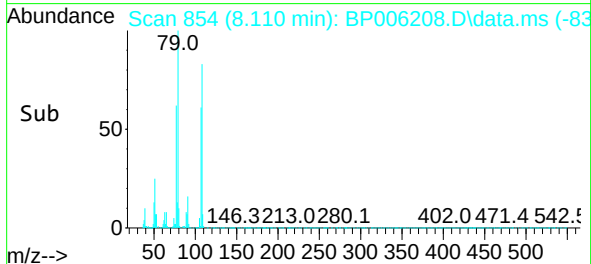
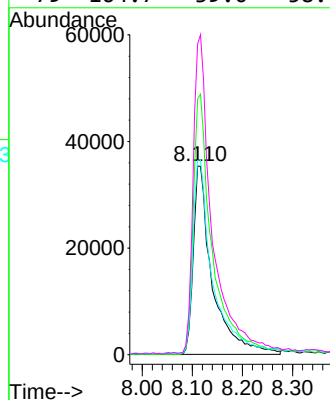
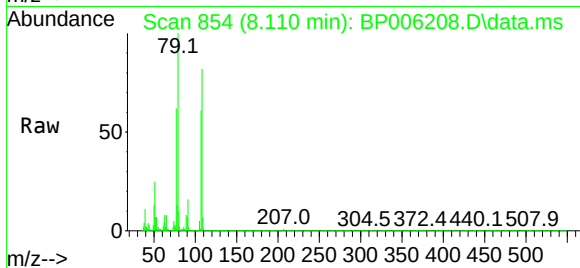
Ion Ratio Lower Upper

107 100

108 135.4 87.7 131.5#

77 102.9 40.2 60.2#

79 164.7 39.0 58.4#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.651 min Scan# 1286

Delta R.T. -0.011 min

Lab File: BP006208.D

Acq: 13 Jul 2021 19:26

Tgt Ion:136 Resp: 707678

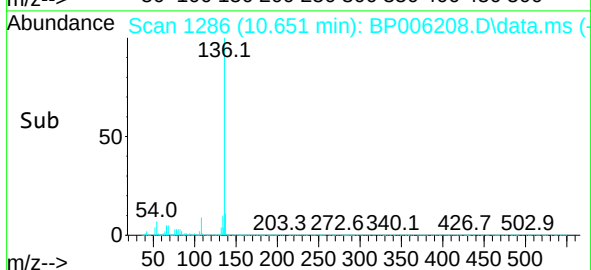
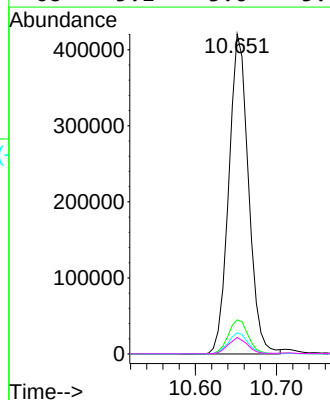
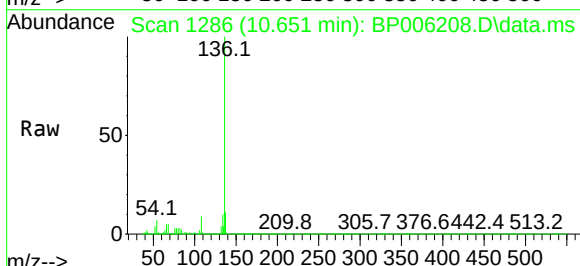
Ion Ratio Lower Upper

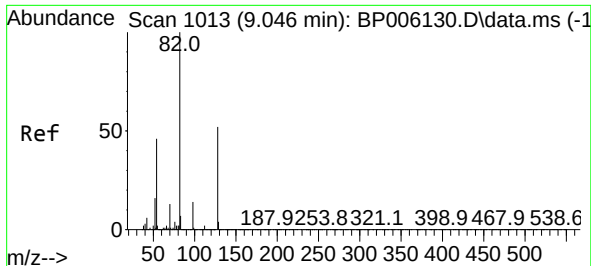
136 100

137 10.7 8.6 12.8

54 6.6 4.6 6.8

68 5.1 3.6 5.4

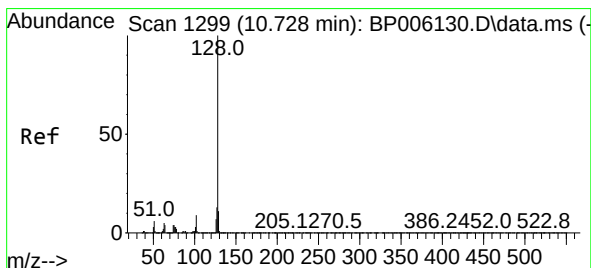
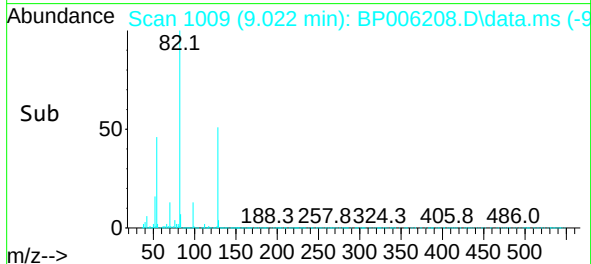
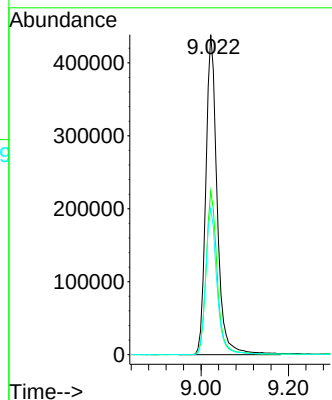
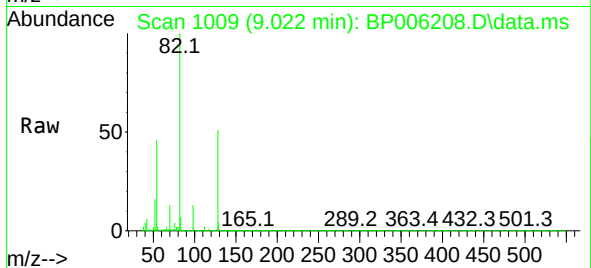




#23
Nitrobenzene-d5
Concen: 70.604 ng
RT: 9.022 min Scan# 1009
Delta R.T. -0.011 min
Lab File: BP006208.D
Acq: 13 Jul 2021 19:26

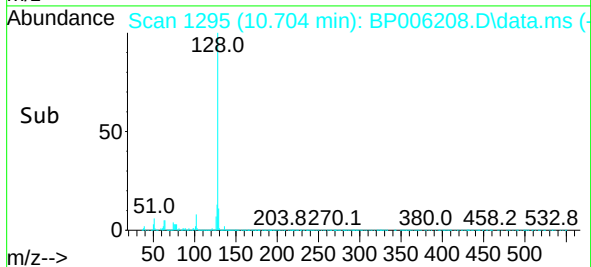
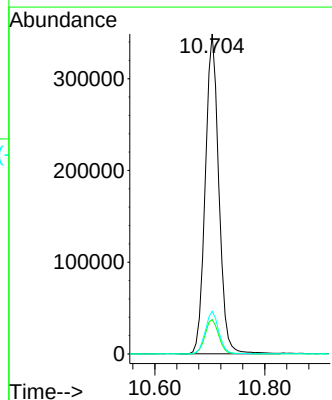
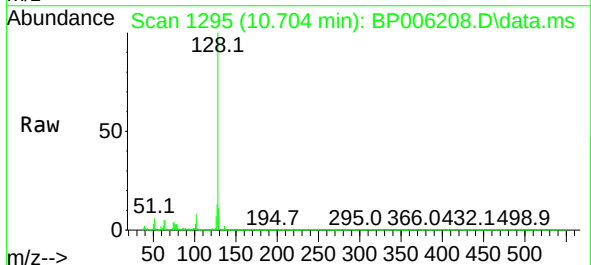
Instrument :
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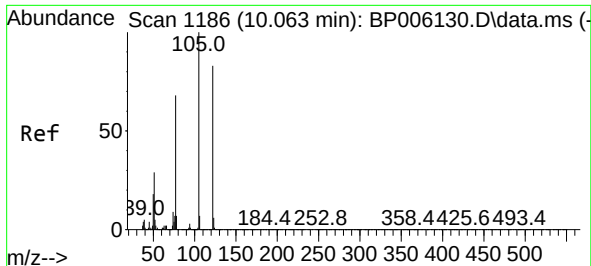
Tgt Ion: 82 Resp: 791025
Ion Ratio Lower Upper
82 100
128 51.2 35.7 53.5
54 45.7 35.0 52.4



#31
Naphthalene
Concen: 16.140 ng
RT: 10.704 min Scan# 1295
Delta R.T. -0.011 min
Lab File: BP006208.D
Acq: 13 Jul 2021 19:26

Tgt Ion: 128 Resp: 595429
Ion Ratio Lower Upper
128 100
129 10.8 9.0 13.6
127 13.3 10.7 16.1

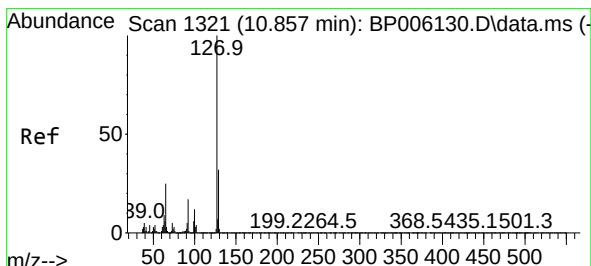
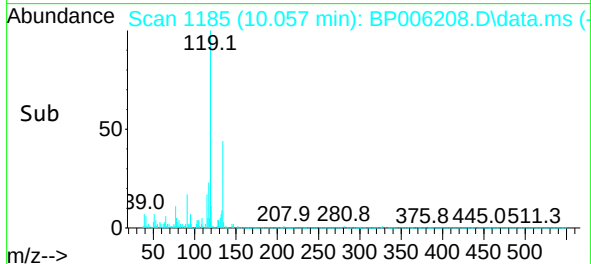
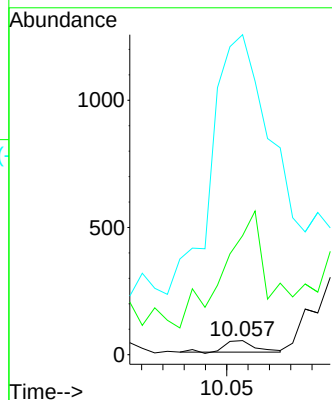
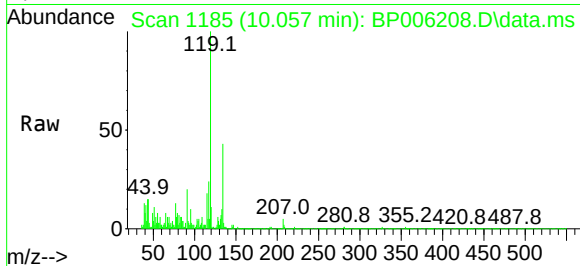




#32
Benzoic acid
Concen: 6.908 ng
RT: 10.057 min Scan# 1185
Delta R.T. -0.006 min
Lab File: BP006208.D
Acq: 13 Jul 2021 19:26

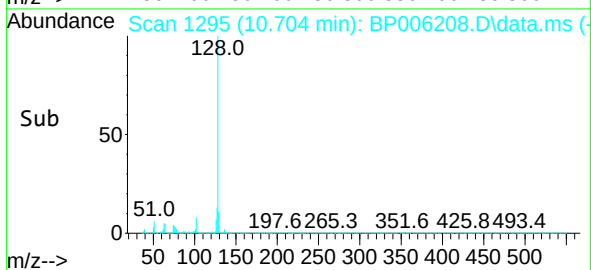
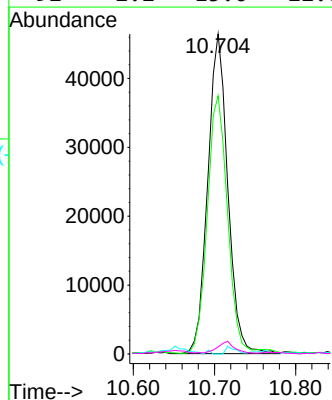
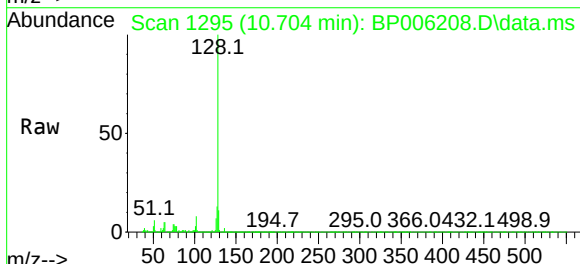
Instrument :
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ClientSampleId :
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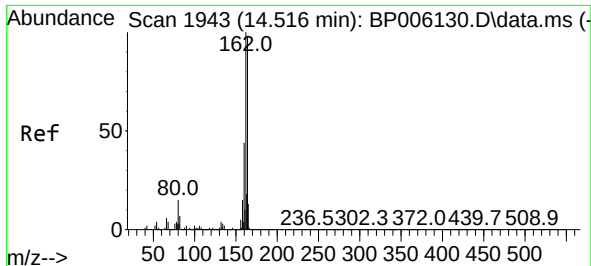
Tgt Ion:122 Resp: 46
Ion Ratio Lower Upper
122 100
105 850.9 103.2 143.2#
77 2287.3 76.2 116.2#



#33
4-Chloroaniline
Concen: 5.580 ng
RT: 10.704 min Scan# 1295
Delta R.T. -0.135 min
Lab File: BP006208.D
Acq: 13 Jul 2021 19:26

Tgt Ion:127 Resp: 79470
Ion Ratio Lower Upper
127 100
129 80.7 26.1 39.1#
65 0.0 22.5 33.7#
92 2.2 15.0 22.6#

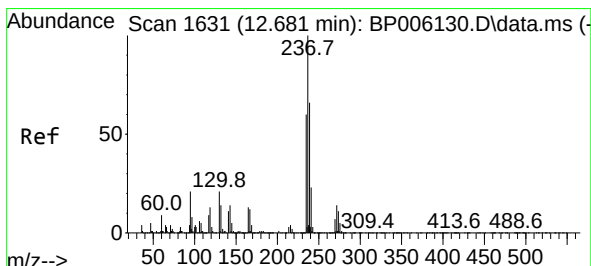
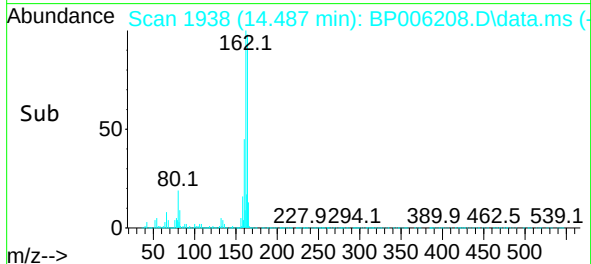
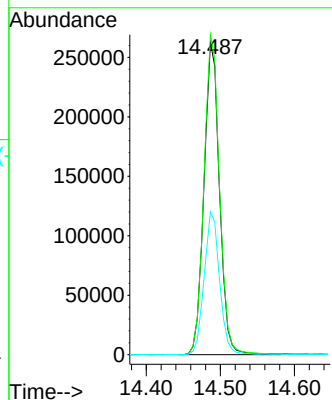
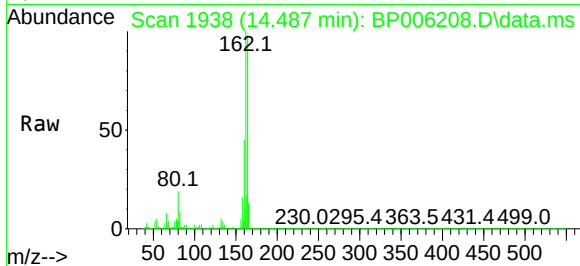




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.487 min Scan# 1938
Delta R.T. -0.011 min
Lab File: BP006208.D
Acq: 13 Jul 2021 19:26

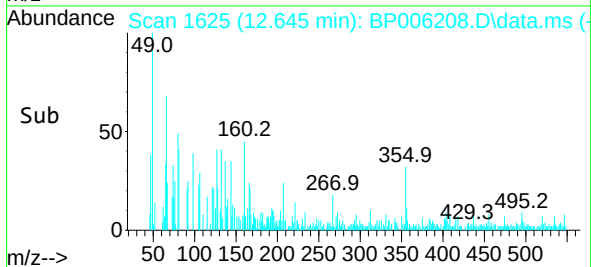
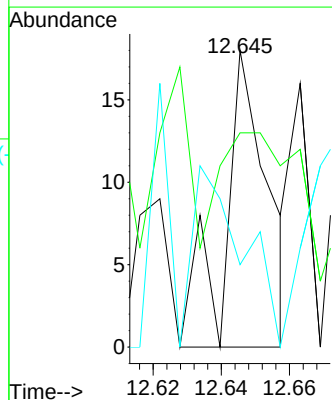
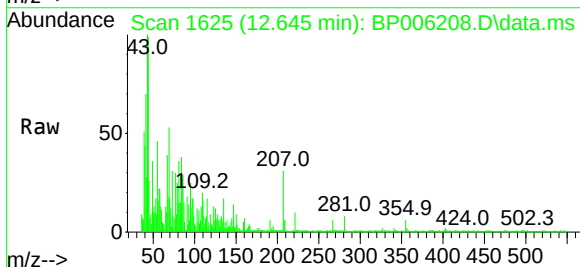
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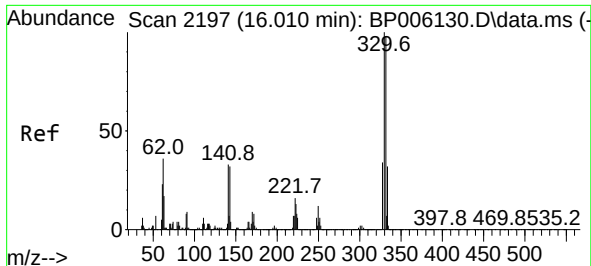
Tgt Ion:164 Resp: 381672
Ion Ratio Lower Upper
164 100
162 102.5 80.2 120.2
160 45.7 34.5 51.7



#41
Hexachlorocyclopentadiene
Concen: 8.709 ng
RT: 12.645 min Scan# 1625
Delta R.T. -0.023 min
Lab File: BP006208.D
Acq: 13 Jul 2021 19:26

Tgt Ion:237 Resp: 16
Ion Ratio Lower Upper
237 100
235 72.2 44.5 84.5
272 27.8 0.0 32.5

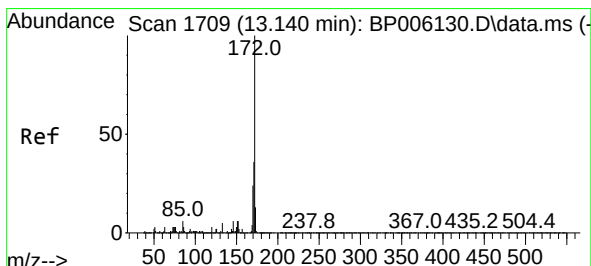
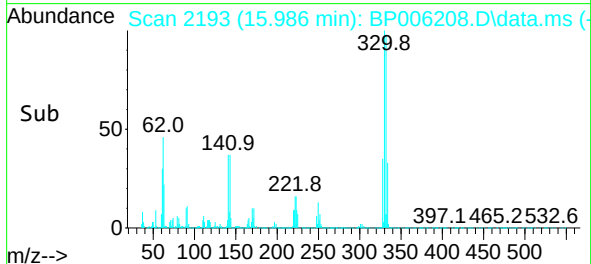
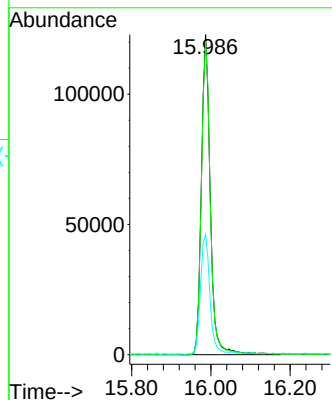
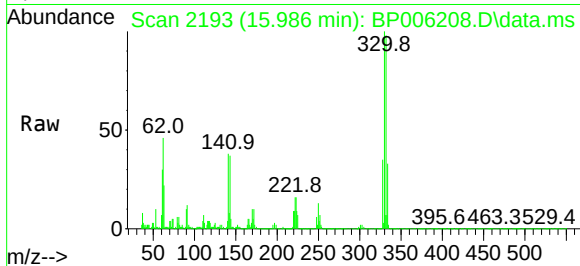




#42
2,4,6-Tribromophenol
Concen: 42.299 ng
RT: 15.986 min Scan# 2193
Delta R.T. -0.011 min
Lab File: BP006208.D
Acq: 13 Jul 2021 19:26

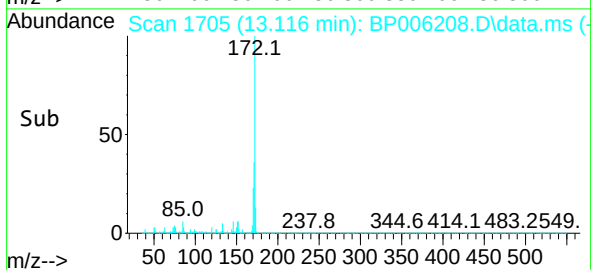
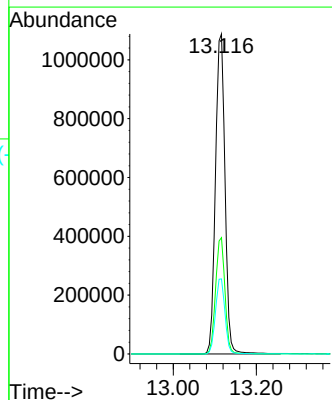
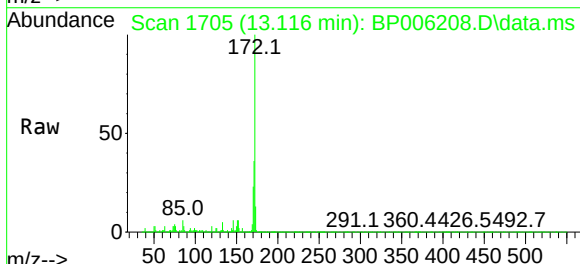
Instrument :
BNA_P
ClientSampleId :
RED-FRAC-TANK

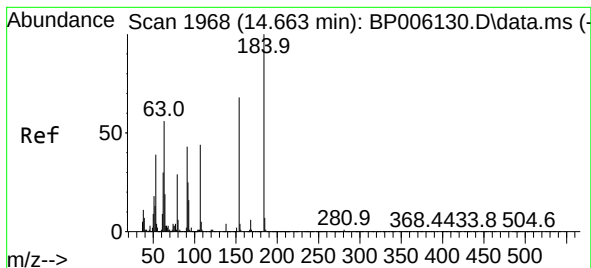
Tgt Ion:330 Resp: 192207
Ion Ratio Lower Upper
330 100
332 97.6 77.8 116.8
141 39.6 25.4 38.2#



#45
2-Fluorobiphenyl
Concen: 67.008 ng
RT: 13.116 min Scan# 1705
Delta R.T. -0.006 min
Lab File: BP006208.D
Acq: 13 Jul 2021 19:26

Tgt Ion:172 Resp: 1729989
Ion Ratio Lower Upper
172 100
171 36.3 27.9 41.9
170 23.4 18.6 27.8

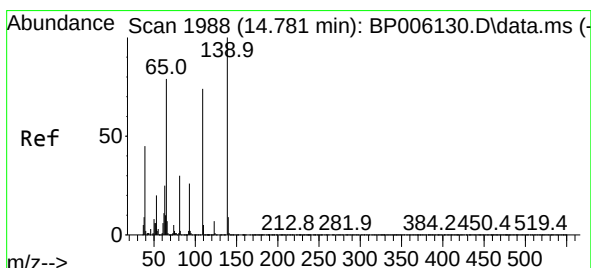
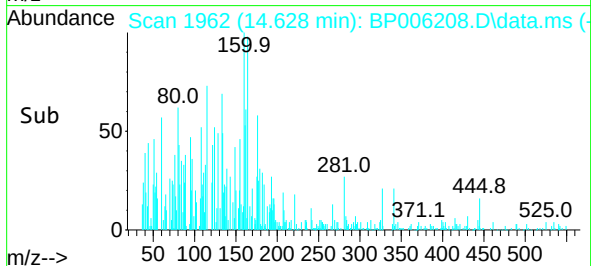
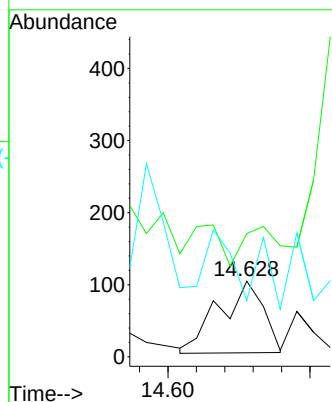
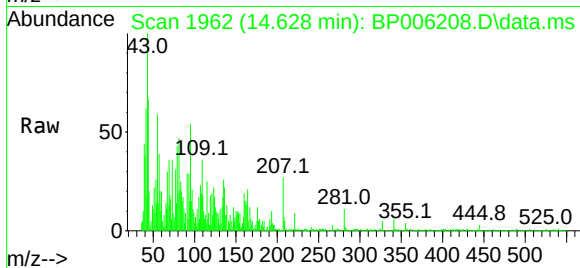




#54
2,4-Dinitrophenol
Concen: 8.909 ng
RT: 14.628 min Scan# 1962
Delta R.T. -0.029 min
Lab File: BP006208.D
Acq: 13 Jul 2021 19:26

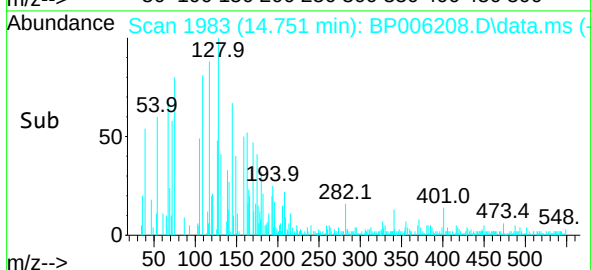
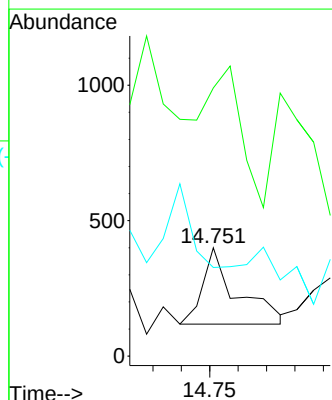
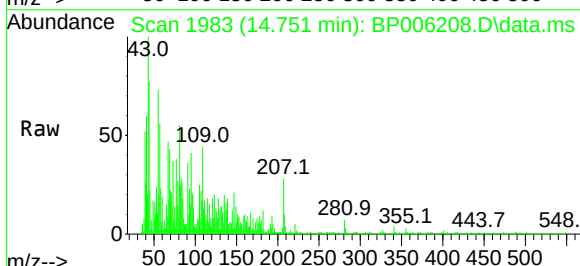
Instrument :
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ClientSampleId :
RED-FRAC-TANK

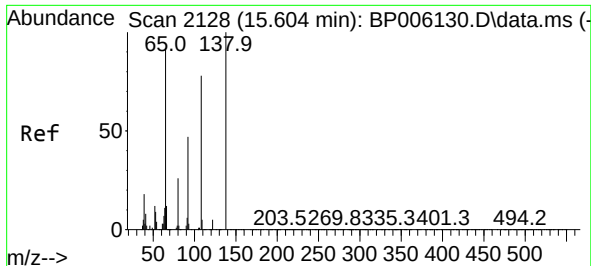
Tgt Ion:184 Resp: 109
Ion Ratio Lower Upper
184 100
63 162.9 47.0 70.6#
154 74.3 52.3 78.5



#56
4-Nitrophenol
Concen: 7.169 ng
RT: 14.751 min Scan# 1983
Delta R.T. -0.017 min
Lab File: BP006208.D
Acq: 13 Jul 2021 19:26

Tgt Ion:139 Resp: 237
Ion Ratio Lower Upper
139 100
109 247.5 72.3 112.3#
65 81.8 72.5 112.5

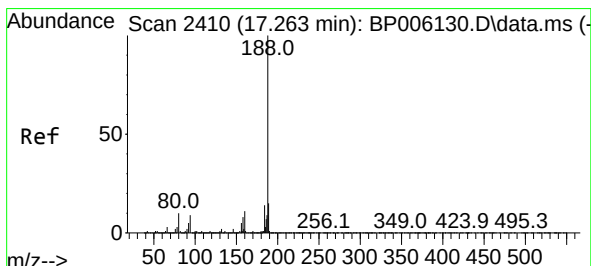
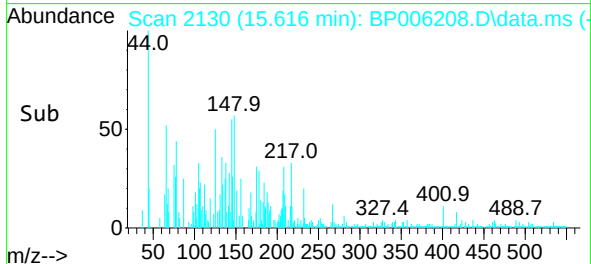
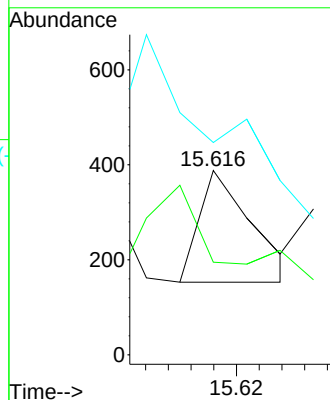
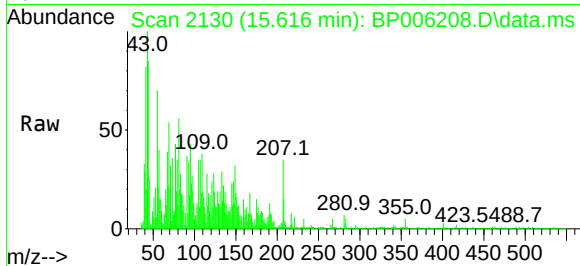




#62
4-Nitroaniline
Concen: 2.981 ng
RT: 15.616 min Scan# 2130
Delta R.T. 0.024 min
Lab File: BP006208.D
Acq: 13 Jul 2021 19:26

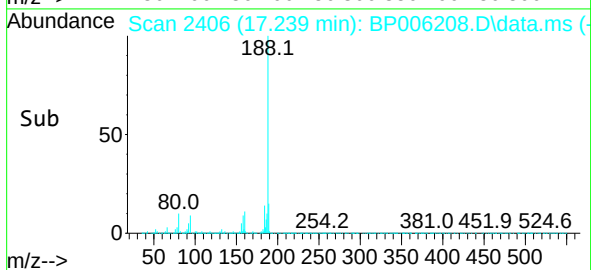
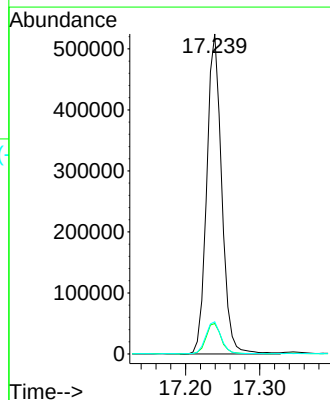
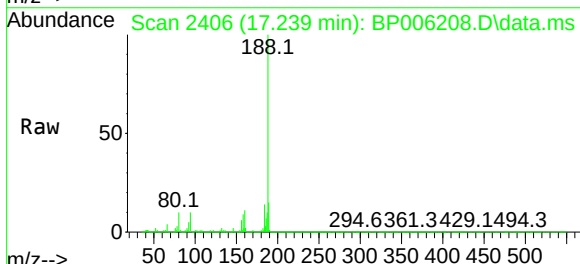
Instrument :
BNA_P
ClientSampleId :
RED-FRAC-TANK

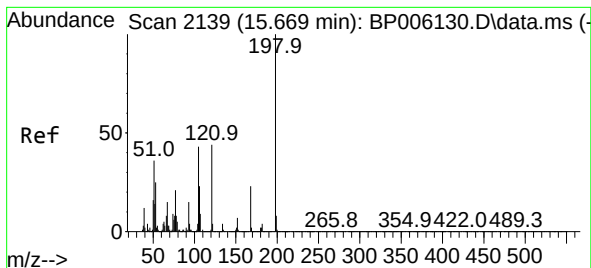
Tgt Ion:138 Resp: 151
Ion Ratio Lower Upper
138 100
92 50.3 31.2 71.2
108 115.2 78.6 118.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.239 min Scan# 2406
Delta R.T. -0.011 min
Lab File: BP006208.D
Acq: 13 Jul 2021 19:26

Tgt Ion:188 Resp: 737298
Ion Ratio Lower Upper
188 100
94 9.5 5.6 8.4#
80 10.1 6.3 9.5#

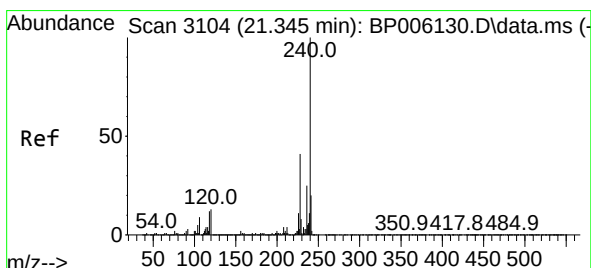
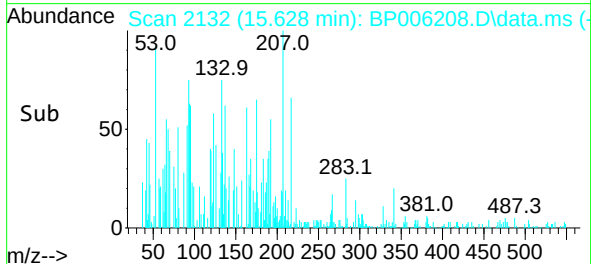
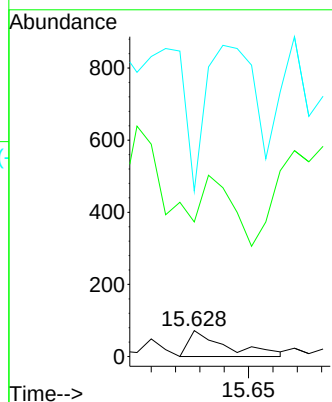
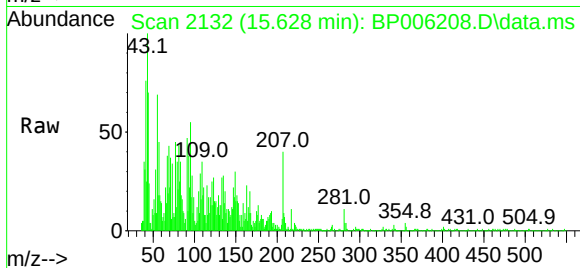




#65
4,6-Dinitro-2-methylphenol
Concen: 4.434 ng
RT: 15.628 min Scan# 2132
Delta R.T. -0.029 min
Lab File: BP006208.D
Acq: 13 Jul 2021 19:26

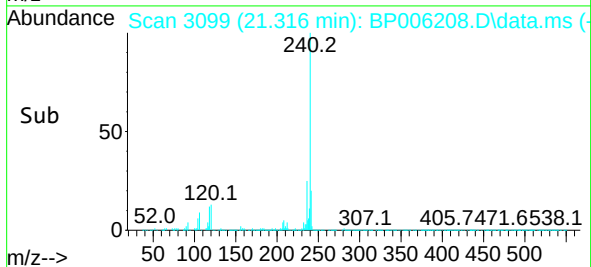
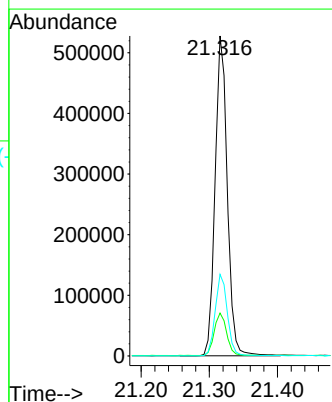
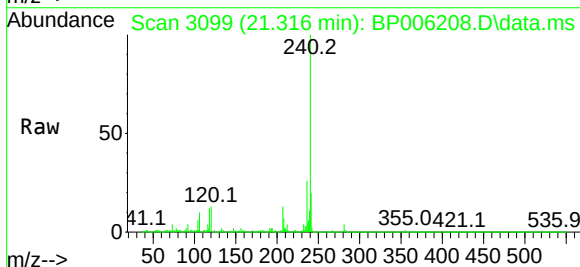
Instrument :
BNA_P
ClientSampleId :
RED-FRAC-TANK

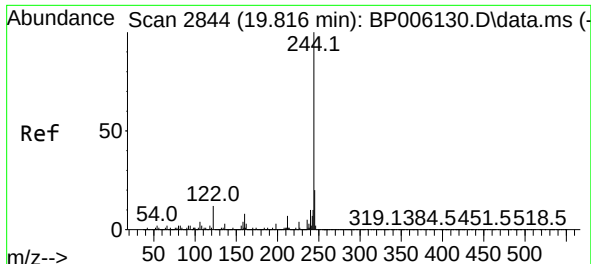
Tgt Ion:198 Resp: 78
Ion Ratio Lower Upper
198 100
51 444.0 14.0 54.0#
105 546.4 19.5 59.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.316 min Scan# 3099
Delta R.T. -0.011 min
Lab File: BP006208.D
Acq: 13 Jul 2021 19:26

Tgt Ion:240 Resp: 658058
Ion Ratio Lower Upper
240 100
120 13.4 6.5 9.7#
236 25.5 20.6 31.0

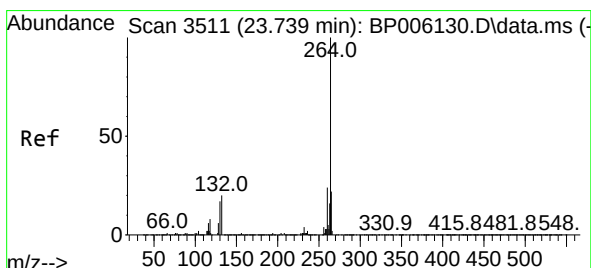
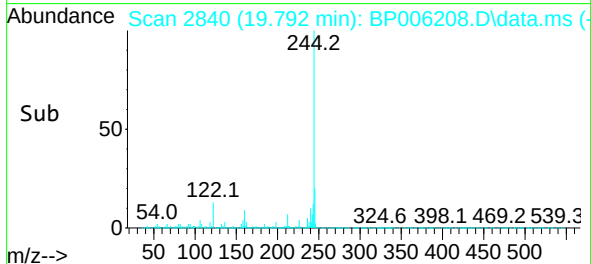
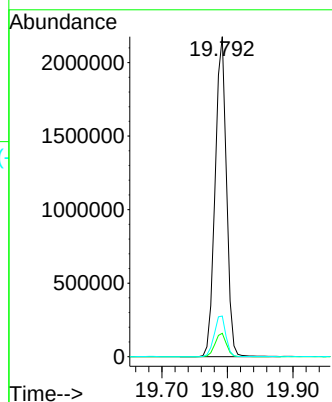
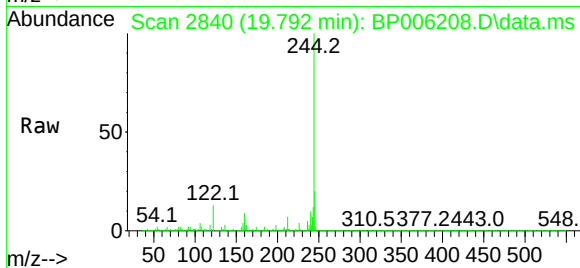




#79
 Terphenyl-d14
 Concen: 78.173 ng
 RT: 19.792 min Scan# 2840
 Delta R.T. -0.011 min
 Lab File: BP006208.D
 Acq: 13 Jul 2021 19:26

Instrument :
 BNA_P
 ClientSampleId :
 RED-FRAC-TANK

Tgt Ion:244 Resp: 2609142
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.0 9.0
 122 12.7 7.1 10.7#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.698 min Scan# 3504
 Delta R.T. -0.017 min
 Lab File: BP006208.D
 Acq: 13 Jul 2021 19:26

Tgt Ion:264 Resp: 769296
 Ion Ratio Lower Upper
 264 100
 260 24.2 18.6 28.0
 265 22.7 17.6 26.4

