

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071421\
 Data File : BP006226.D
 Acq On : 14 Jul 2021 19:35
 Operator : CG/JU
 Sample : M3015-01RE
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 RED-FRAC-TANKRE

Quant Time: Jul 15 03:11:04 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)

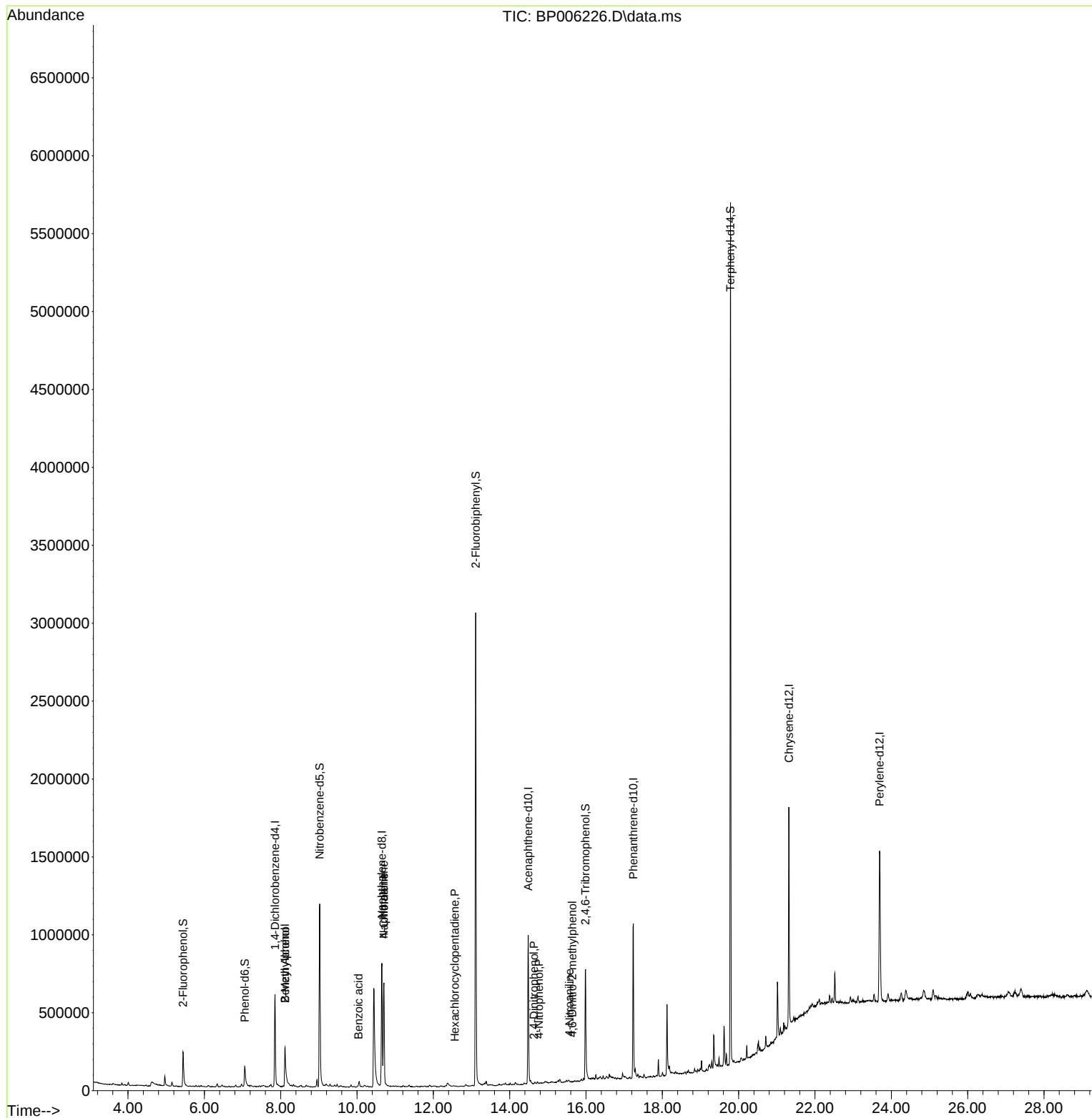
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.852	152	181488	20.00	ng	-0.01
21) Naphthalene-d8	10.651	136	691823	20.00	ng	-0.01
39) Acenaphthene-d10	14.487	164	340084	20.00	ng	-0.01
64) Phenanthrene-d10	17.239	188	635381	20.00	ng	#-0.01
76) Chrysene-d12	21.316	240	634546	20.00	ng	#-0.01
86) Perylene-d12	23.692	264	727495	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	145866	13.83	ng	0.00
7) Phenol-d6	7.058	99	118196	8.47	ng	0.01
23) Nitrobenzene-d5	9.022	82	768548	70.17	ng	-0.01
42) 2,4,6-Tribromophenol	15.986	330	160464	39.63	ng	-0.01
45) 2-Fluorobiphenyl	13.110	172	1601393	69.61	ng	-0.01
79) Terphenyl-d14	19.786	244	2331923	72.46	ng	-0.02
Target Compounds						
						Qvalue
15) Benzyl Alcohol	8.116	79	144118	17.09	ng	97
17) 2-Methylphenol	8.116	107	83782	9.19	ng	# 29
31) Naphthalene	10.704	128	582512	16.15	ng	99
32) Benzoic acid	10.040	122	39	6.91	ng	# 1
33) 4-Chloroaniline	10.704	127	76084	5.47	ng	# 35
41) Hexachlorocyclopentadiene	12.563	237	15	8.71	ng	87
54) 2,4-Dinitrophenol	14.634	184	41	8.89	ng	# 1
56) 4-Nitrophenol	14.769	139	84	7.14	ng	# 1
62) 4-Nitroaniline	15.563	138	164	2.99	ng	# 16
65) 4,6-Dinitro-2-methylph...	15.639	198	23	4.42	ng	# 1

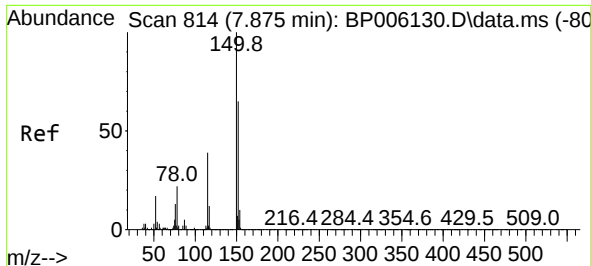
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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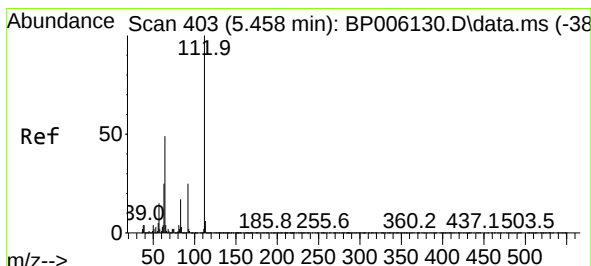
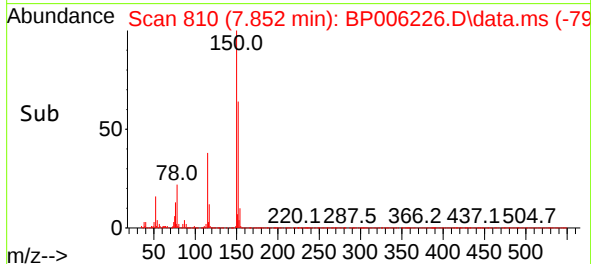
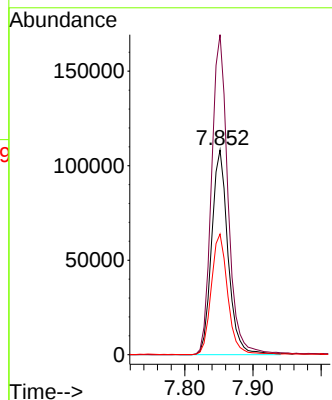
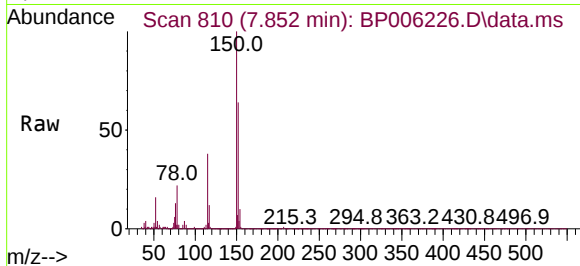




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.852 min Scan# 810
Delta R.T. -0.011 min
Lab File: BP006226.D
Acq: 14 Jul 2021 19:35

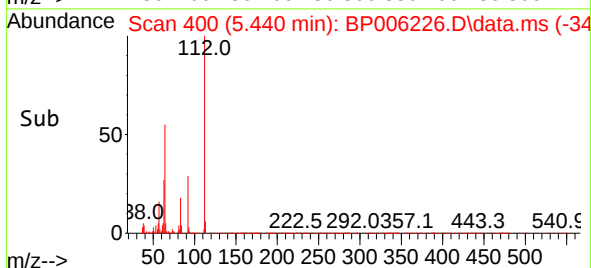
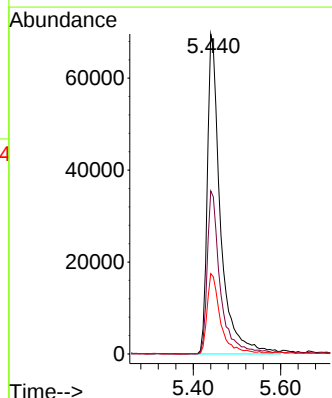
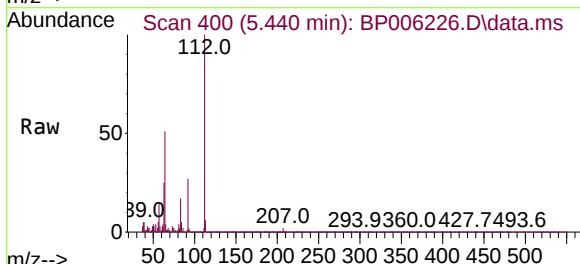
Instrument :
BNA_P
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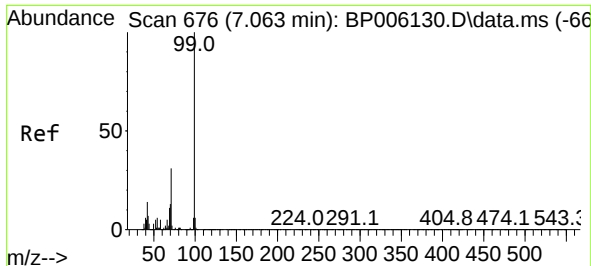
Tgt Ion:152 Resp: 181488
Ion Ratio Lower Upper
152 100
150 156.4 125.6 188.4
115 59.0 48.5 72.7



#5
2-Fluorophenol
Concen: 13.83 ng
RT: 5.440 min Scan# 400
Delta R.T. 0.000 min
Lab File: BP006226.D
Acq: 14 Jul 2021 19:35

Tgt Ion:112 Resp: 145866
Ion Ratio Lower Upper
112 100
64 50.9 41.4 62.2
63 25.1 23.8 35.8

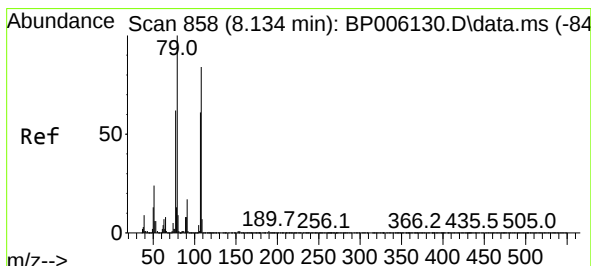
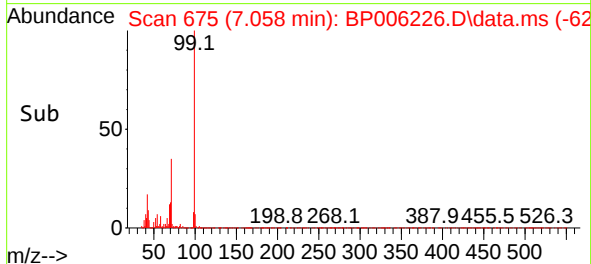
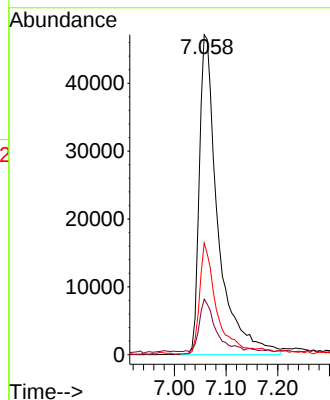
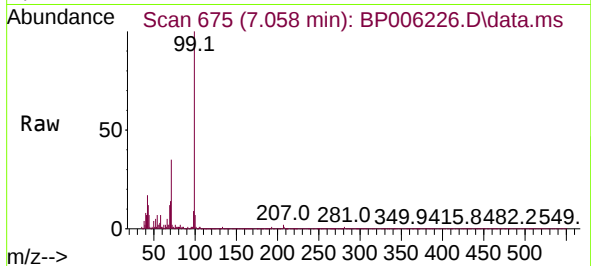




#7
Phenol-d6
Concen: 8.47 ng
RT: 7.058 min Scan# 675
Delta R.T. 0.012 min
Lab File: BP006226.D
Acq: 14 Jul 2021 19:35

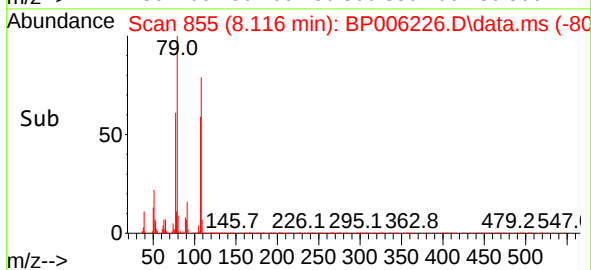
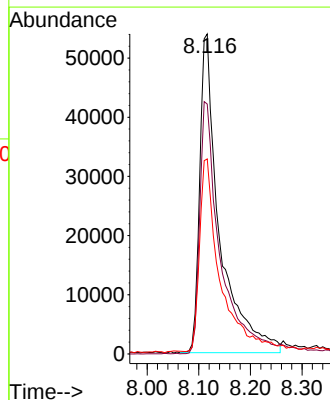
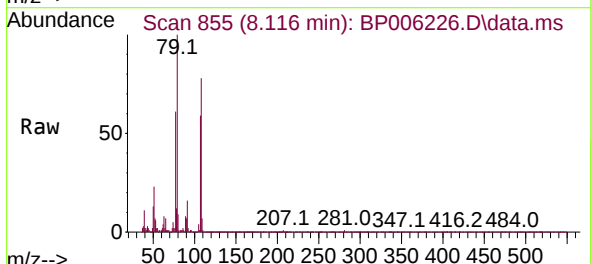
Instrument :
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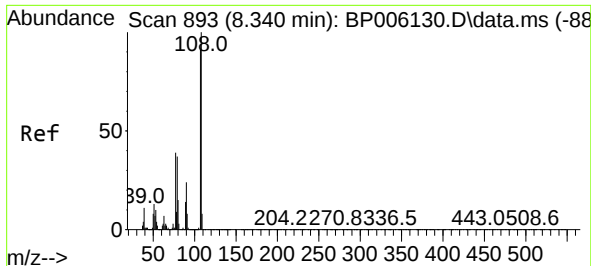
Tgt Ion: 99 Resp: 118196
Ion Ratio Lower Upper
99 100
42 17.4 13.4 20.0
71 34.9 30.6 46.0



#15
Benzyl Alcohol
Concen: 17.09 ng
RT: 8.116 min Scan# 855
Delta R.T. 0.000 min
Lab File: BP006226.D
Acq: 14 Jul 2021 19:35

Tgt Ion: 79 Resp: 144118
Ion Ratio Lower Upper
79 100
108 78.1 62.5 93.7
77 61.0 52.9 79.3

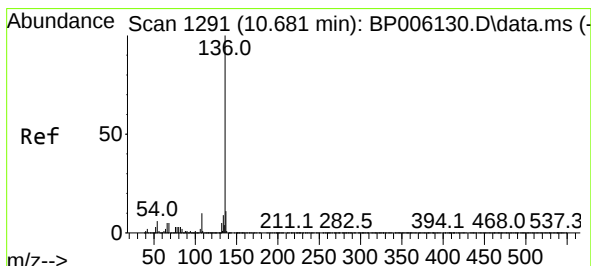
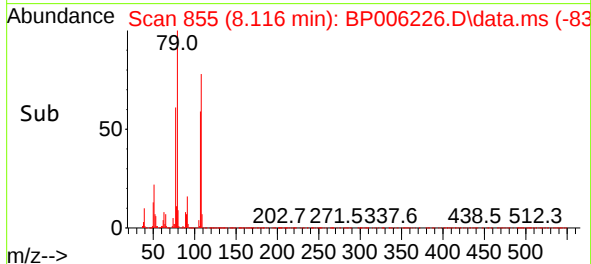
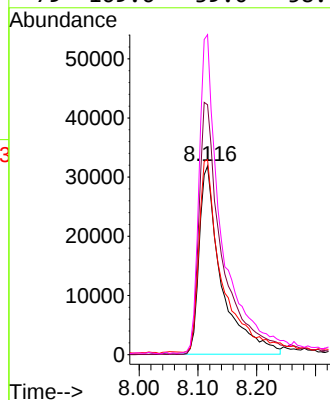
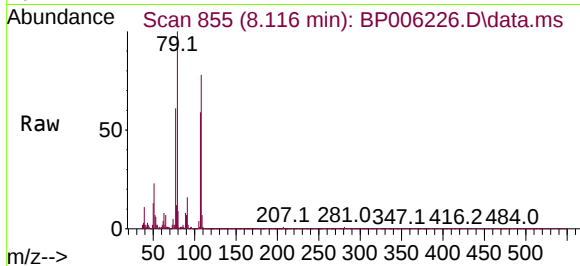




#17
2-Methylphenol
Concen: 9.19 ng
RT: 8.116 min Scan# 855
Delta R.T. -0.206 min
Lab File: BP006226.D
Acq: 14 Jul 2021 19:35

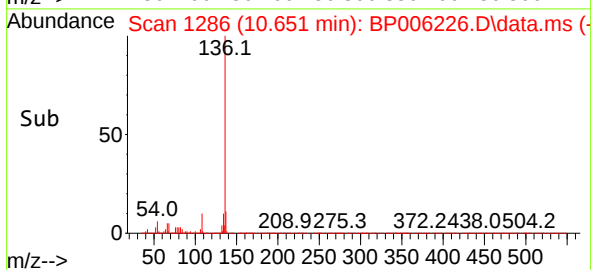
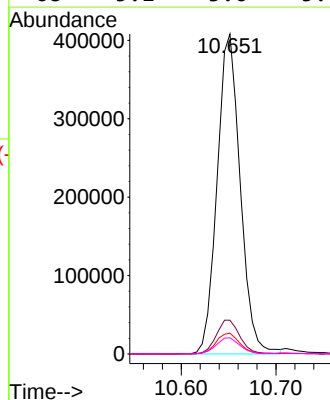
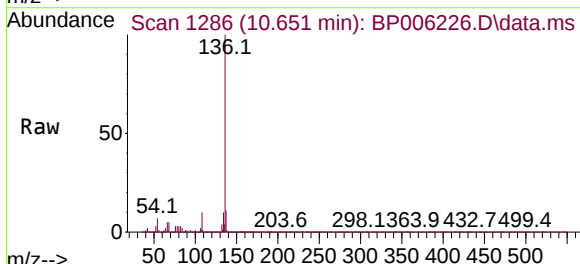
Instrument :
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ClientSampleId :
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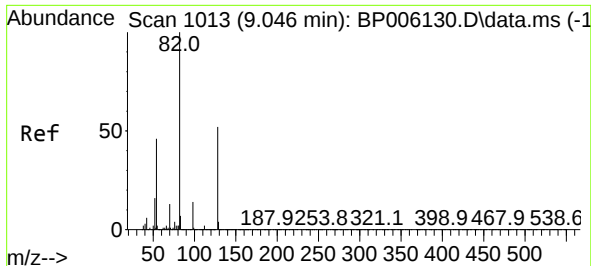
Tgt Ion:	107	Resp:	83782
Ion	Ratio	Lower	Upper
107	100		
108	132.4	87.7	131.5#
77	103.4	40.2	60.2#
79	169.6	39.0	58.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.651 min Scan# 1286
Delta R.T. -0.011 min
Lab File: BP006226.D
Acq: 14 Jul 2021 19:35

Tgt Ion:	136	Resp:	691823
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	12.8
54	6.5	4.6	6.8
68	5.1	3.6	5.4

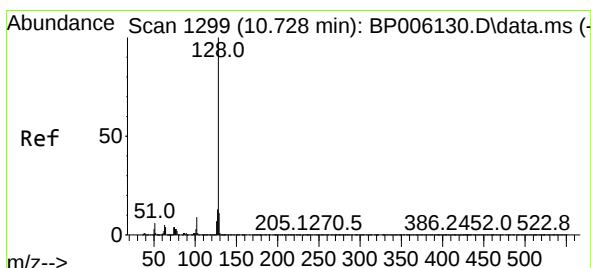
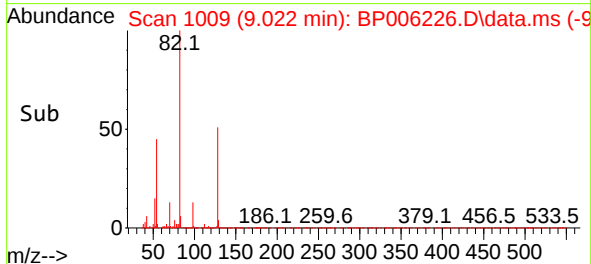
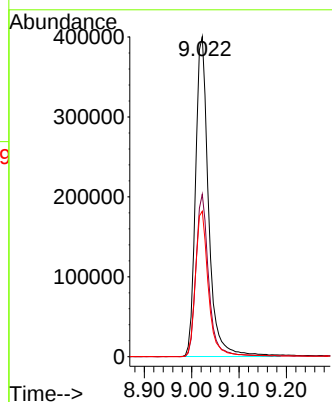
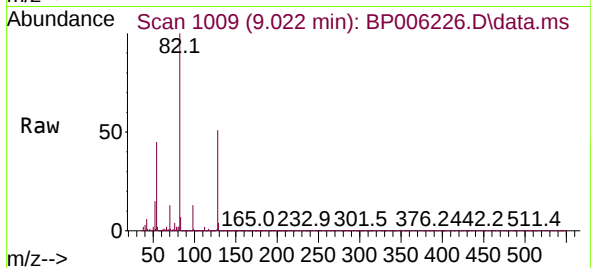




#23
Nitrobenzene-d5
Concen: 70.17 ng
RT: 9.022 min Scan# 1009
Delta R.T. -0.011 min
Lab File: BP006226.D
Acq: 14 Jul 2021 19:35

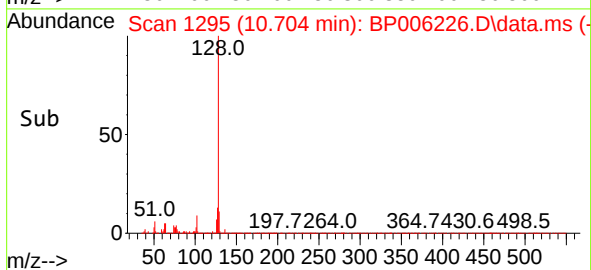
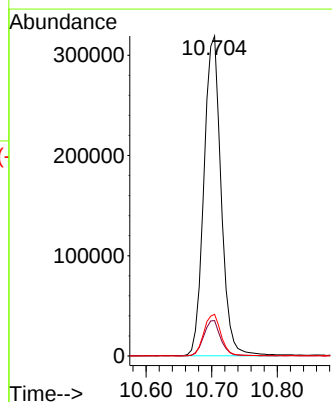
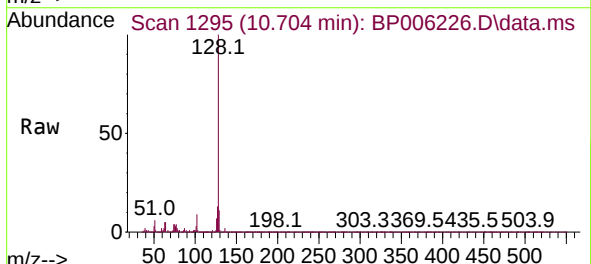
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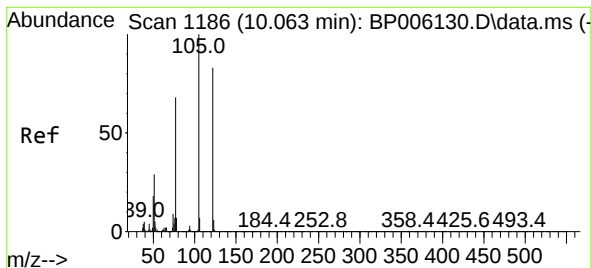
Tgt Ion: 82 Resp: 768548
Ion Ratio Lower Upper
82 100
128 50.8 35.7 53.5
54 45.5 35.0 52.4



#31
Naphthalene
Concen: 16.15 ng
RT: 10.704 min Scan# 1295
Delta R.T. -0.011 min
Lab File: BP006226.D
Acq: 14 Jul 2021 19:35

Tgt Ion: 128 Resp: 582512
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.6
127 13.0 10.7 16.1

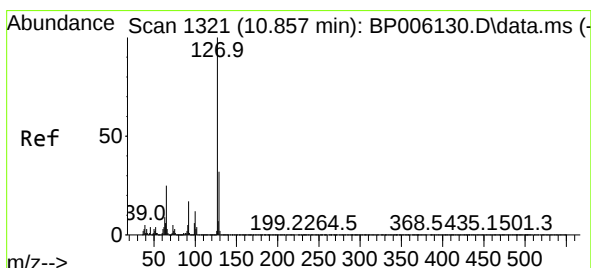
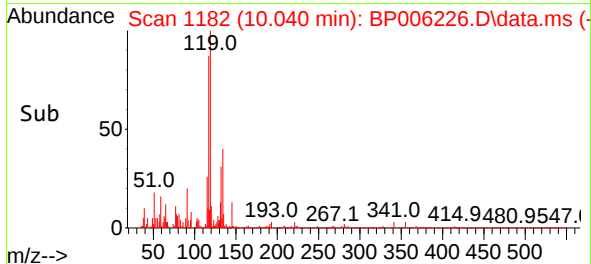
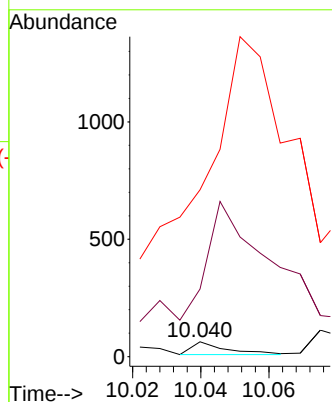
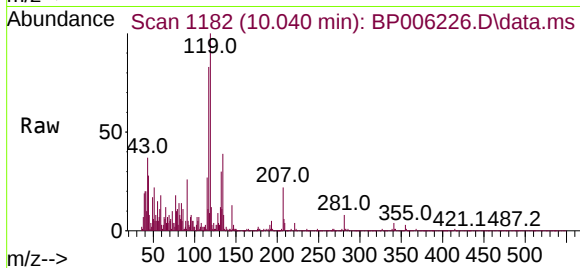




#32
Benzoic acid
Concen: 6.91 ng
RT: 10.040 min Scan# 1182
Delta R.T. -0.023 min
Lab File: BP006226.D
Acq: 14 Jul 2021 19:35

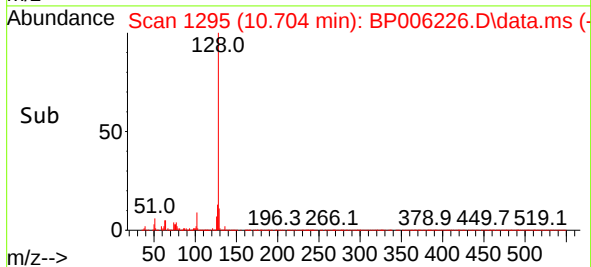
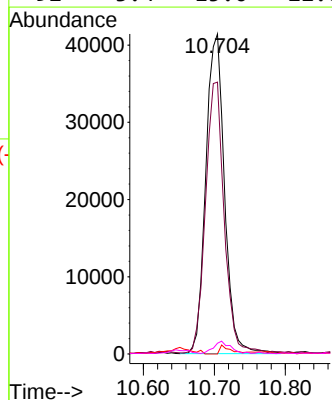
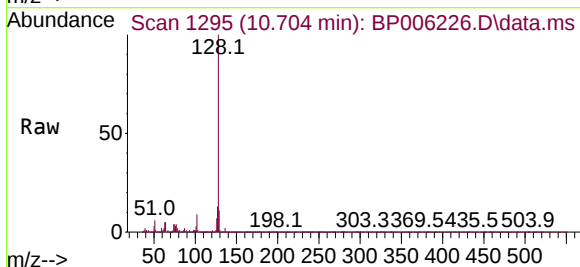
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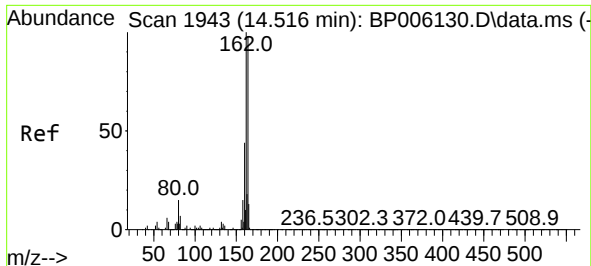
Tgt Ion:122 Resp: 39
Ion Ratio Lower Upper
122 100
105 457.1 103.2 143.2#
77 1128.6 76.2 116.2#



#33
4-Chloroaniline
Concen: 5.47 ng
RT: 10.704 min Scan# 1295
Delta R.T. -0.135 min
Lab File: BP006226.D
Acq: 14 Jul 2021 19:35

Tgt Ion:127 Resp: 76084
Ion Ratio Lower Upper
127 100
129 85.0 26.1 39.1#
65 0.0 22.5 33.7#
92 3.4 15.0 22.6#

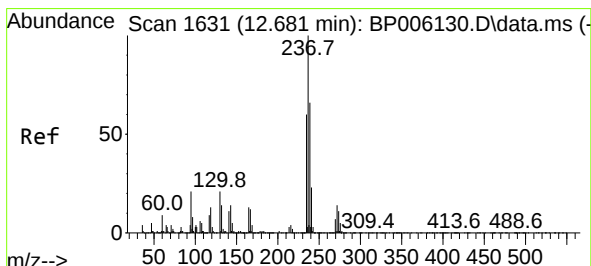
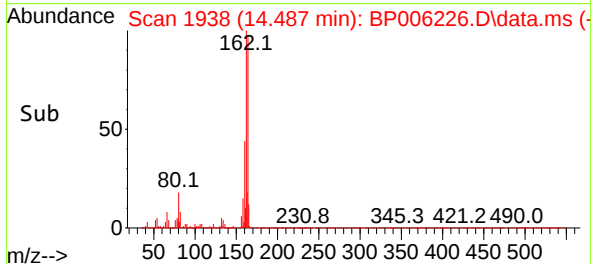
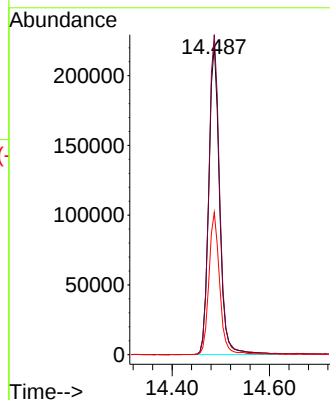
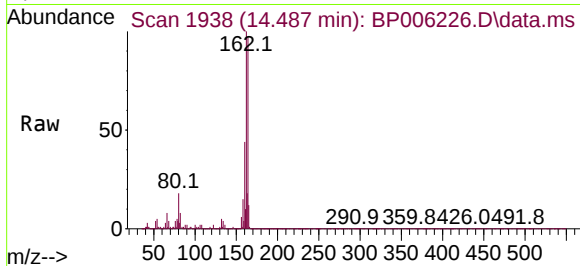




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.487 min Scan# 1938
Delta R.T. -0.011 min
Lab File: BP006226.D
Acq: 14 Jul 2021 19:35

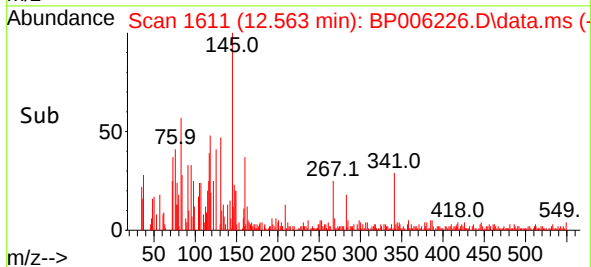
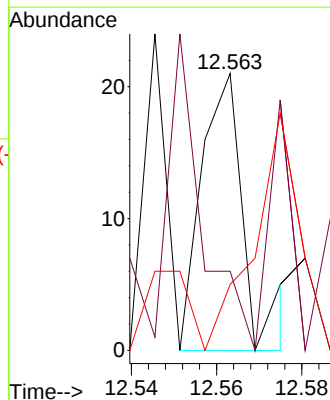
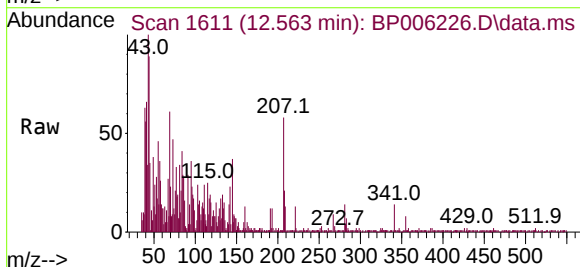
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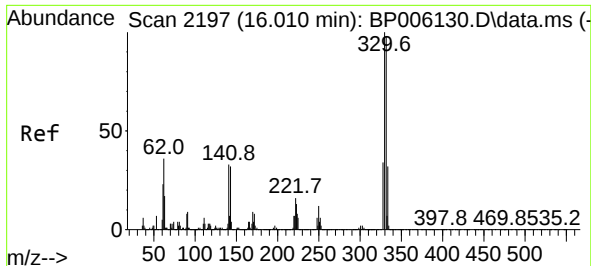
Tgt Ion:164 Resp: 340084
Ion Ratio Lower Upper
164 100
162 103.4 80.2 120.2
160 46.0 34.5 51.7



#41
Hexachlorocyclopentadiene
Concen: 8.71 ng
RT: 12.563 min Scan# 1611
Delta R.T. -0.106 min
Lab File: BP006226.D
Acq: 14 Jul 2021 19:35

Tgt Ion:237 Resp: 15
Ion Ratio Lower Upper
237 100
235 57.1 44.5 84.5
272 23.8 0.0 32.5

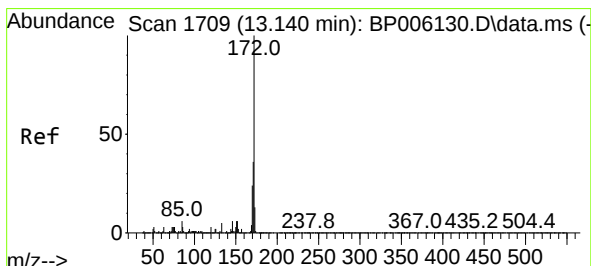
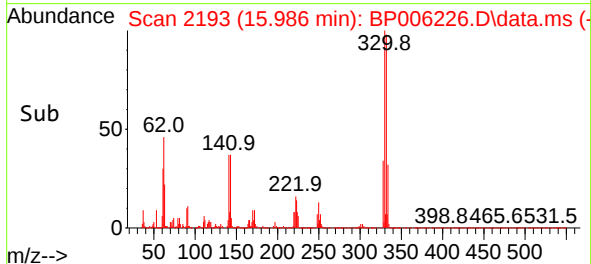
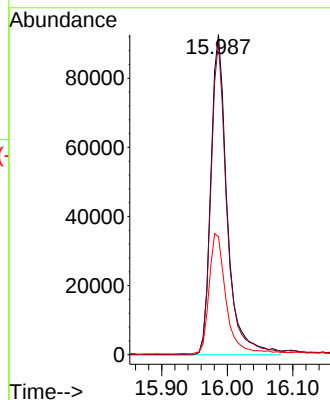
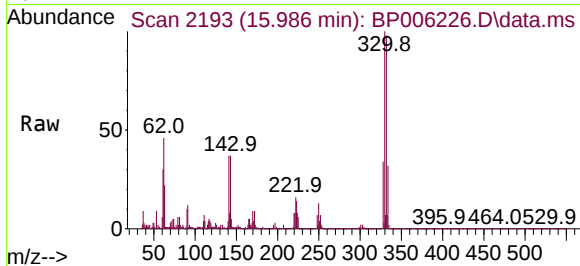




#42
2,4,6-Tribromophenol
Concen: 39.63 ng
RT: 15.986 min Scan# 2193
Delta R.T. -0.011 min
Lab File: BP006226.D
Acq: 14 Jul 2021 19:35

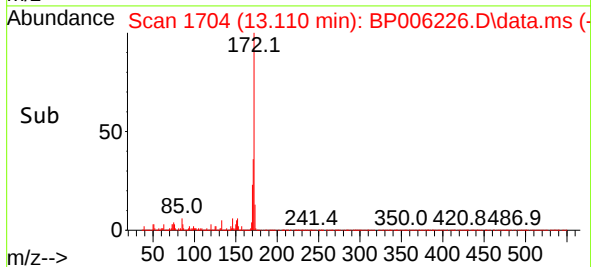
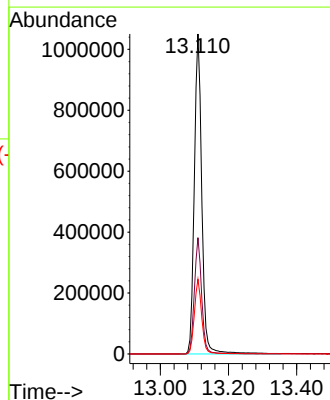
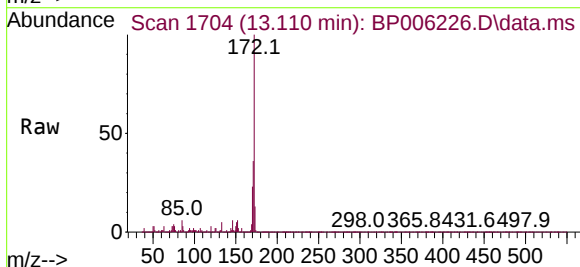
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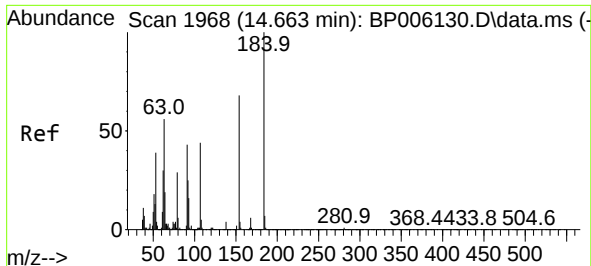
Tgt Ion:330 Resp: 160464
Ion Ratio Lower Upper
330 100
332 96.1 77.8 116.8
141 39.8 25.4 38.2#



#45
2-Fluorobiphenyl
Concen: 69.61 ng
RT: 13.110 min Scan# 1704
Delta R.T. -0.011 min
Lab File: BP006226.D
Acq: 14 Jul 2021 19:35

Tgt Ion:172 Resp: 1601393
Ion Ratio Lower Upper
172 100
171 36.3 27.9 41.9
170 23.4 18.6 27.8

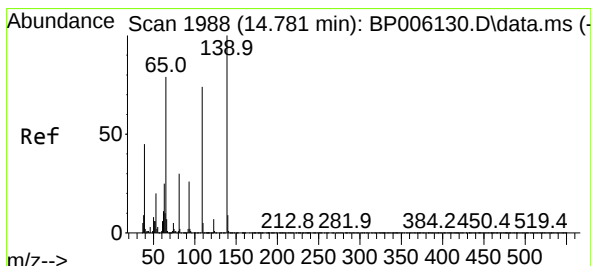
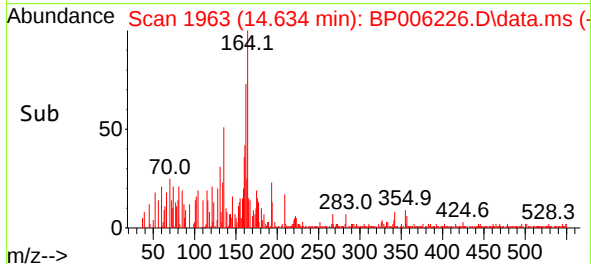
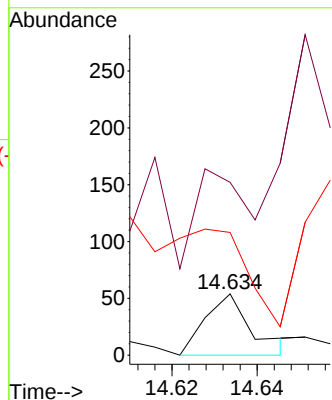
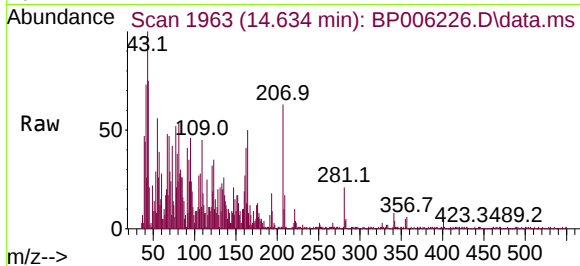




#54
2,4-Dinitrophenol
Concen: 8.89 ng
RT: 14.634 min Scan# 1963
Delta R.T. -0.023 min
Lab File: BP006226.D
Acq: 14 Jul 2021 19:35

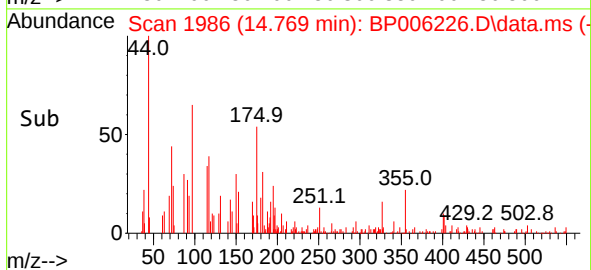
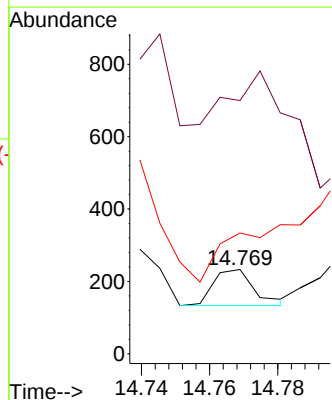
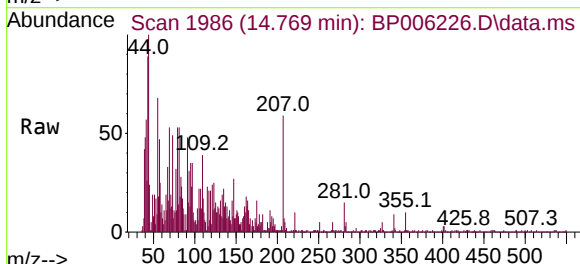
Instrument :
BNA_P
ClientSampleId :
RED-FRAC-TANKRE

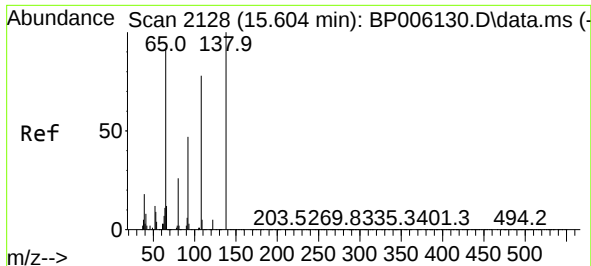
Tgt Ion:184 Resp: 41
Ion Ratio Lower Upper
184 100
63 281.5 47.0 70.6#
154 200.0 52.3 78.5#



#56
4-Nitrophenol
Concen: 7.14 ng
RT: 14.769 min Scan# 1986
Delta R.T. 0.000 min
Lab File: BP006226.D
Acq: 14 Jul 2021 19:35

Tgt Ion:139 Resp: 84
Ion Ratio Lower Upper
139 100
109 300.4 72.3 112.3#
65 143.3 72.5 112.5#

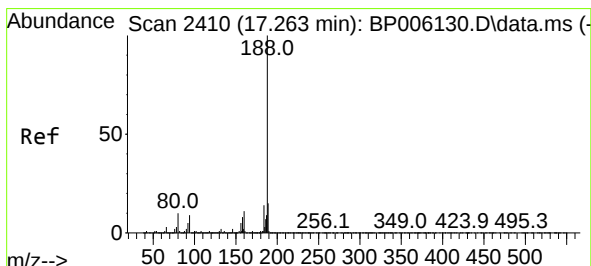
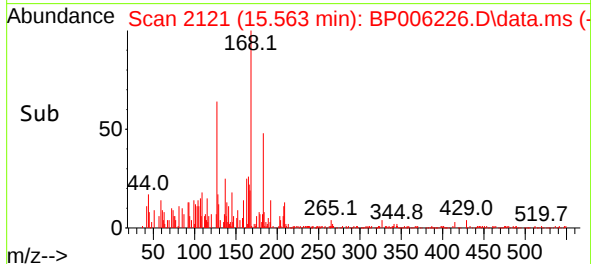
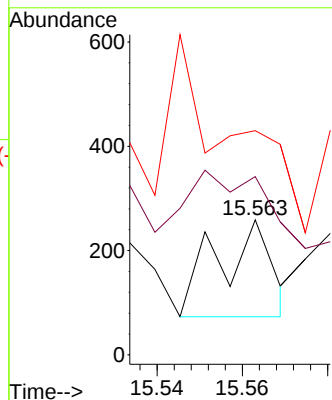
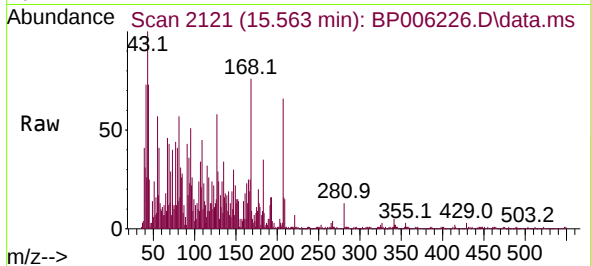




#62
4-Nitroaniline
Concen: 2.99 ng
RT: 15.563 min Scan# 2121
Delta R.T. -0.029 min
Lab File: BP006226.D
Acq: 14 Jul 2021 19:35

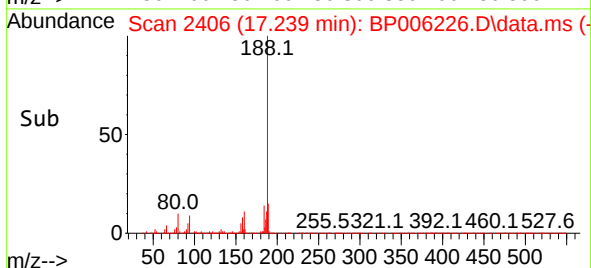
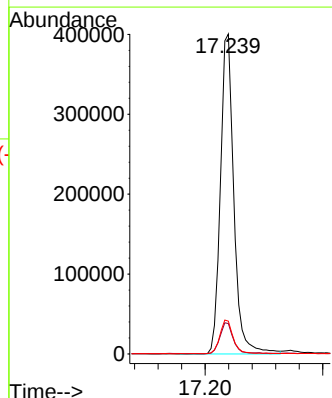
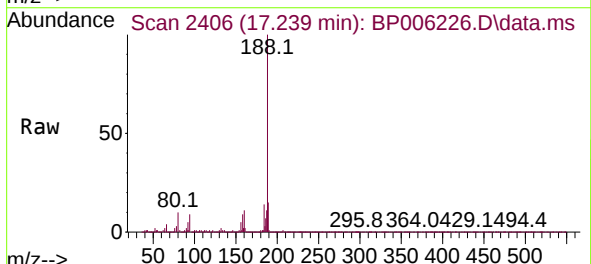
Instrument :
BNA_P
ClientSampleId :
RED-FRAC-TANKRE

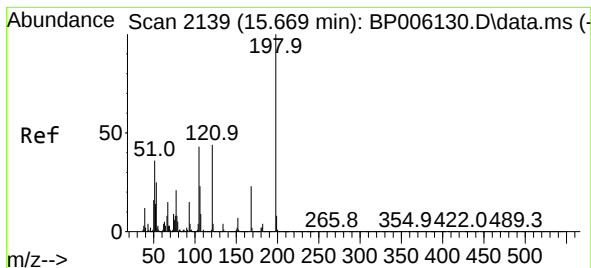
Tgt Ion:138 Resp: 164
Ion Ratio Lower Upper
138 100
92 132.0 31.2 71.2#
108 166.0 78.6 118.6#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.239 min Scan# 2406
Delta R.T. -0.011 min
Lab File: BP006226.D
Acq: 14 Jul 2021 19:35

Tgt Ion:188 Resp: 635381
Ion Ratio Lower Upper
188 100
94 9.5 5.6 8.4#
80 10.3 6.3 9.5#

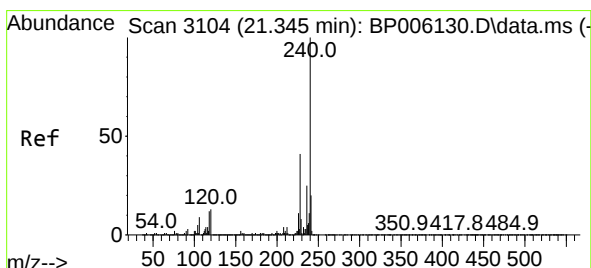
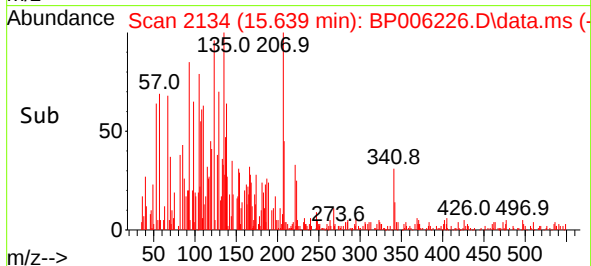
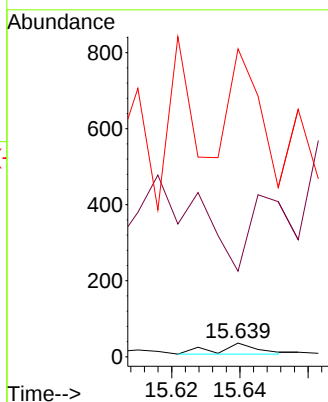
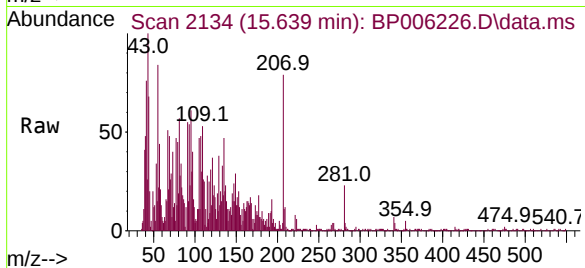




#65
4,6-Dinitro-2-methylphenol
Concen: 4.42 ng
RT: 15.639 min Scan# 2134
Delta R.T. -0.017 min
Lab File: BP006226.D
Acq: 14 Jul 2021 19:35

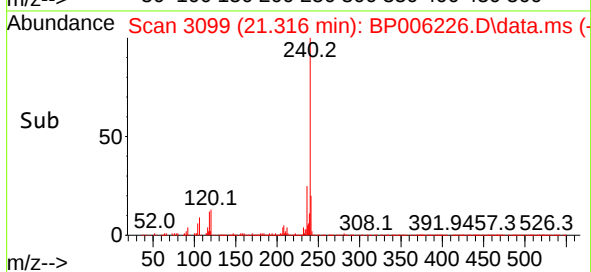
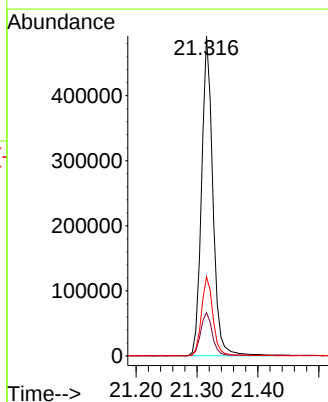
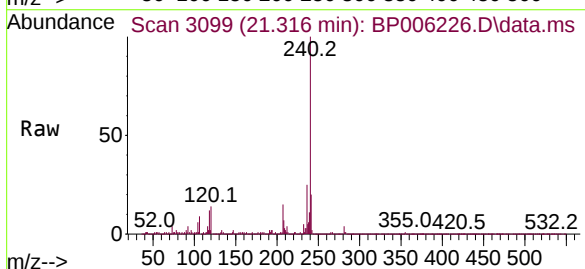
Instrument :
BNA_P
ClientSampleId :
RED-FRAC-TANKRE

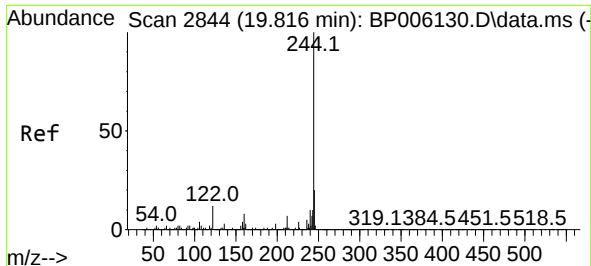
Tgt Ion:198 Resp: 23
Ion Ratio Lower Upper
198 100
51 625.0 14.0 54.0#
105 2250.0 19.5 59.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.316 min Scan# 3099
Delta R.T. -0.011 min
Lab File: BP006226.D
Acq: 14 Jul 2021 19:35

Tgt Ion:240 Resp: 634546
Ion Ratio Lower Upper
240 100
120 13.6 6.5 9.7#
236 24.8 20.6 31.0

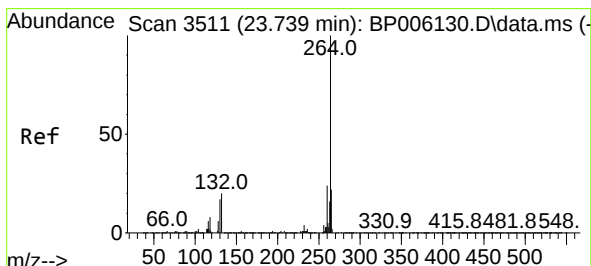
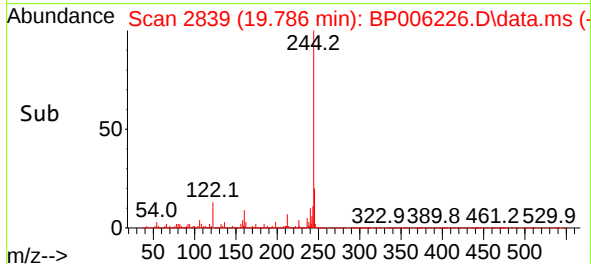
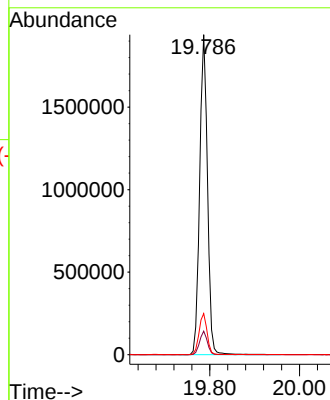
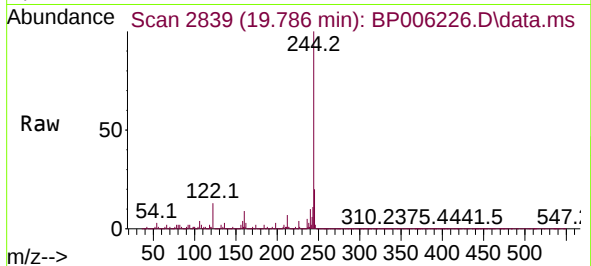




#79
 Terphenyl-d14
 Concen: 72.46 ng
 RT: 19.786 min Scan# 2839
 Delta R.T. -0.017 min
 Lab File: BP006226.D
 Acq: 14 Jul 2021 19:35

Instrument :
 BNA_P
 ClientSampleId :
 RED-FRAC-TANKRE

Tgt Ion:244 Resp: 2331923
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.0 9.0
 122 12.9 7.1 10.7#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.692 min Scan# 3503
 Delta R.T. -0.023 min
 Lab File: BP006226.D
 Acq: 14 Jul 2021 19:35

Tgt Ion:264 Resp: 727495
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.6 28.0
 265 22.1 17.6 26.4

