

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071421\
 Data File : BP006230.D
 Acq On : 14 Jul 2021 21:51
 Operator : CG/JU
 Sample : M3029-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 RVR-CF01-01

Quant Time: Jul 15 03:12:06 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)

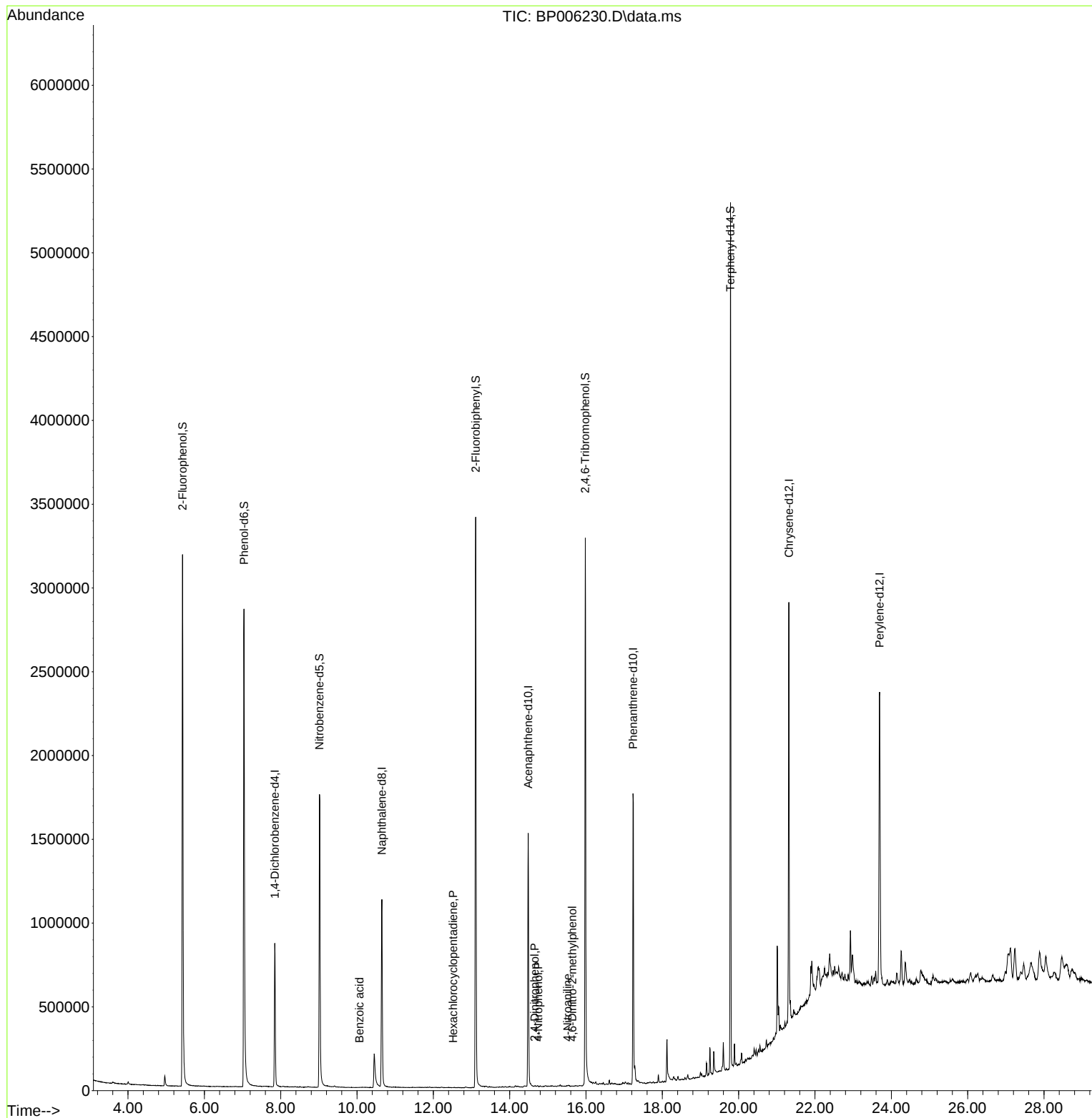
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.846	152	258154	20.00	ng	-0.02
21) Naphthalene-d8	10.651	136	1042354	20.00	ng	-0.01
39) Acenaphthene-d10	14.486	164	544508	20.00	ng	-0.01
64) Phenanthrene-d10	17.233	188	1062547	20.00	ng	#-0.02
76) Chrysene-d12	21.316	240	1090821	20.00	ng	#-0.01
86) Perylene-d12	23.692	264	1282229	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	1688442	112.54	ng	-0.01
7) Phenol-d6	7.040	99	2036618	102.62	ng	0.00
23) Nitrobenzene-d5	9.016	82	1150372	69.71	ng	-0.02
42) 2,4,6-Tribromophenol	15.981	330	672550	103.75	ng	-0.02
45) 2-Fluorobiphenyl	13.110	172	1844300	50.07	ng	-0.01
79) Terphenyl-d14	19.786	244	2120077	38.32	ng	-0.02
Target Compounds						
						Qvalue
32) Benzoic acid	10.063	122	56	6.91	ng	# 1
41) Hexachlorocyclopentadiene	12.522	237	23	8.71	ng	99
54) 2,4-Dinitrophenol	14.651	184	17	8.88	ng	# 49
56) 4-Nitrophenol	14.751	139	41	7.13	ng	# 1
62) 4-Nitroaniline	15.516	138	100	2.97	ng	92
65) 4,6-Dinitro-2-methylph...	15.639	198	11	4.42	ng	# 1

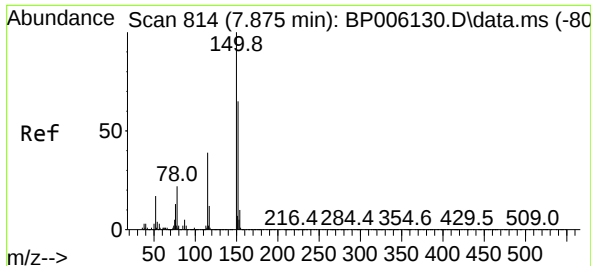
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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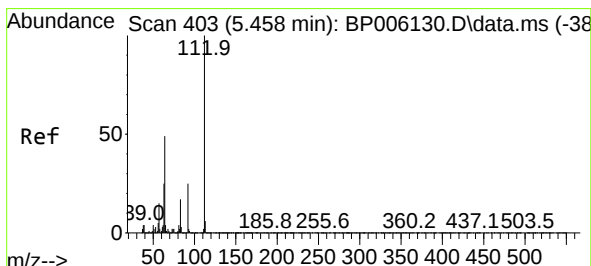
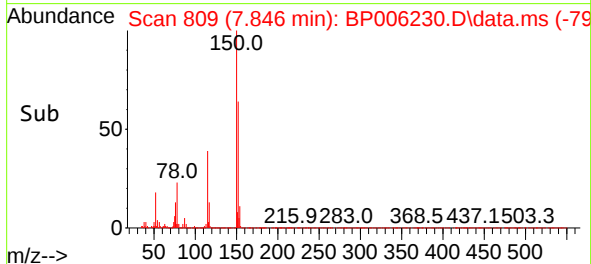
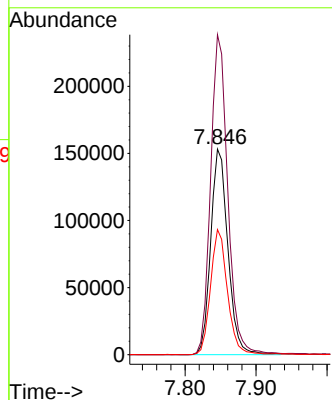
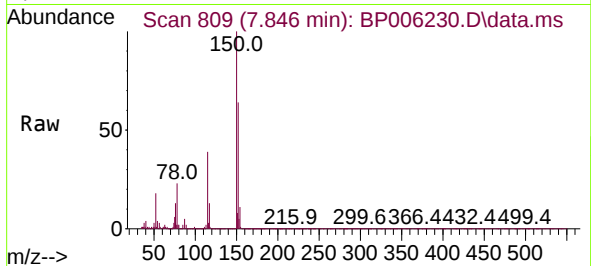




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.846 min Scan# 809
Delta R.T. -0.017 min
Lab File: BP006230.D
Acq: 14 Jul 2021 21:51

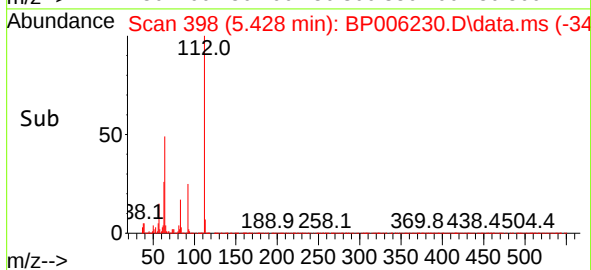
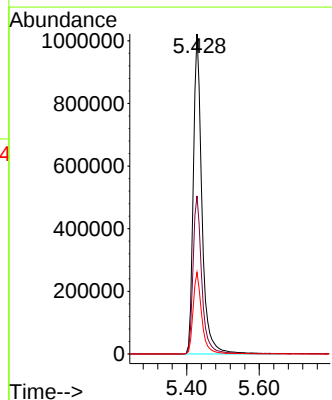
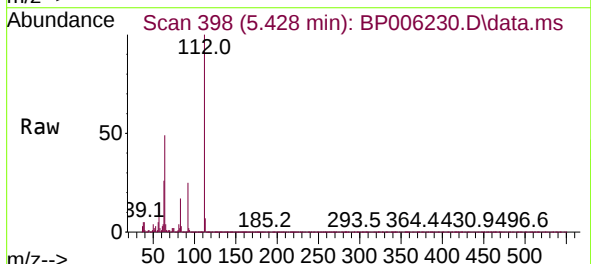
Instrument :
BNA_P
ClientSampleId :
RVR-CF01-01

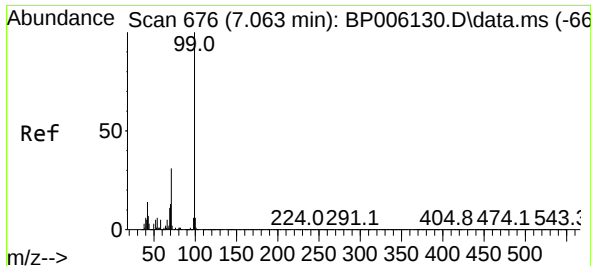
Tgt Ion:152 Resp: 258154
Ion Ratio Lower Upper
152 100
150 155.6 125.6 188.4
115 60.9 48.5 72.7



#5
2-Fluorophenol
Concen: 112.54 ng
RT: 5.428 min Scan# 398
Delta R.T. -0.011 min
Lab File: BP006230.D
Acq: 14 Jul 2021 21:51

Tgt Ion:112 Resp: 1688442
Ion Ratio Lower Upper
112 100
64 49.4 41.4 62.2
63 25.5 23.8 35.8

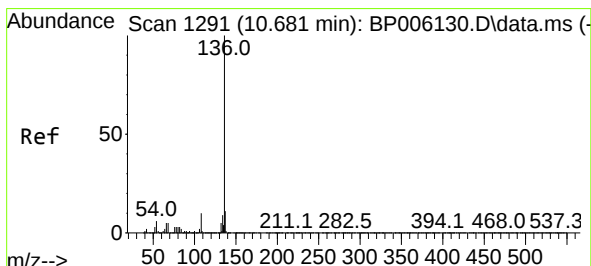
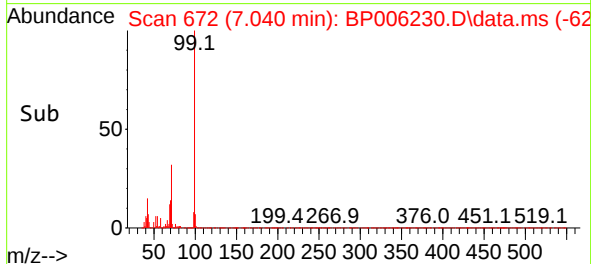
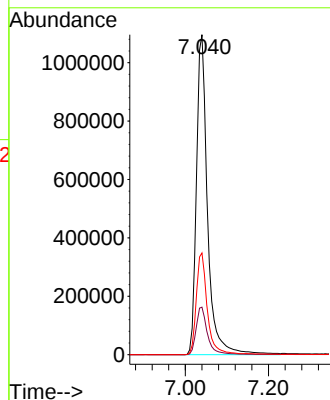
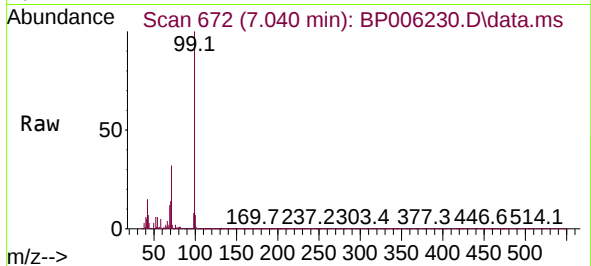




#7
Phenol-d6
Concen: 102.62 ng
RT: 7.040 min Scan# 672
Delta R.T. -0.006 min
Lab File: BP006230.D
Acq: 14 Jul 2021 21:51

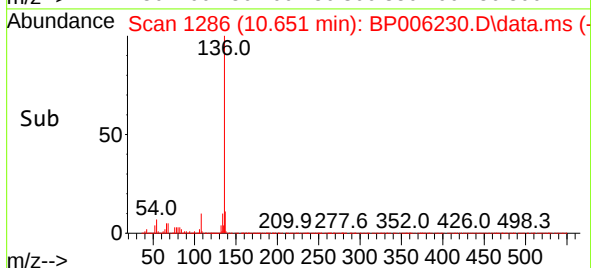
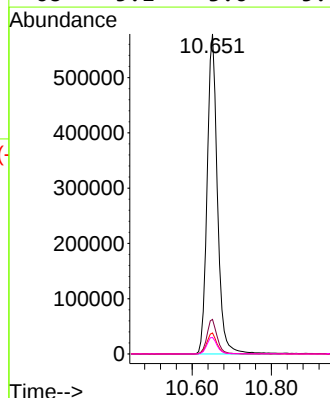
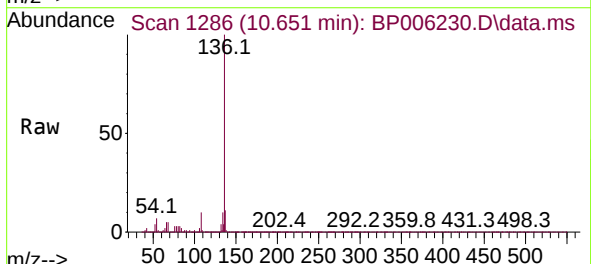
Instrument :
BNA_P
ClientSampleId :
RVR-CF01-01

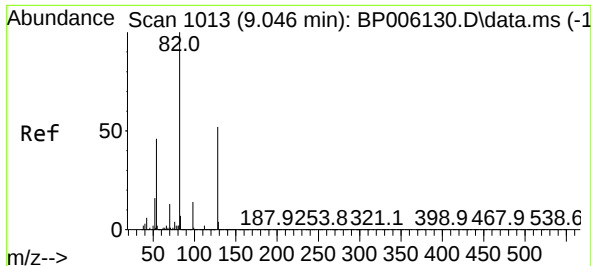
Tgt Ion: 99 Resp: 2036618
Ion Ratio Lower Upper
99 100
42 14.9 13.4 20.0
71 31.8 30.6 46.0



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.651 min Scan# 1286
Delta R.T. -0.011 min
Lab File: BP006230.D
Acq: 14 Jul 2021 21:51

Tgt Ion: 136 Resp: 1042354
Ion Ratio Lower Upper
136 100
137 10.8 8.6 12.8
54 6.6 4.6 6.8
68 5.1 3.6 5.4

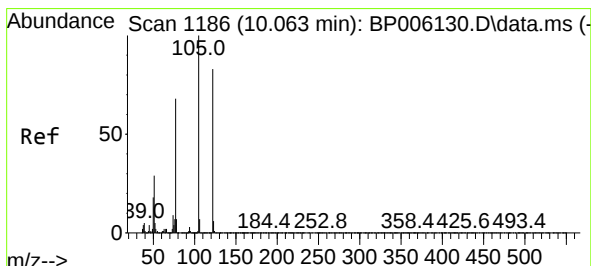
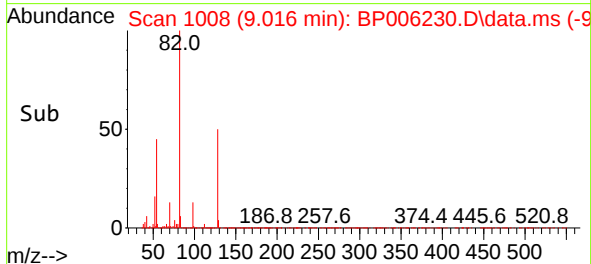
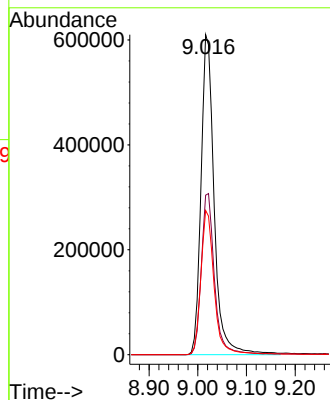
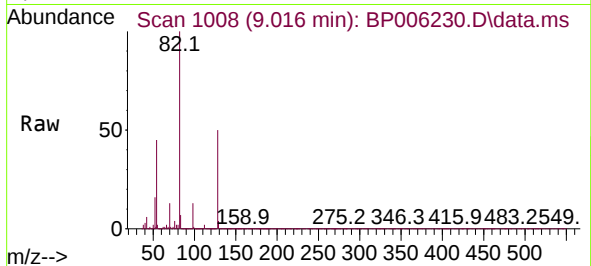




#23
Nitrobenzene-d5
Concen: 69.71 ng
RT: 9.016 min Scan# 1008
Delta R.T. -0.017 min
Lab File: BP006230.D
Acq: 14 Jul 2021 21:51

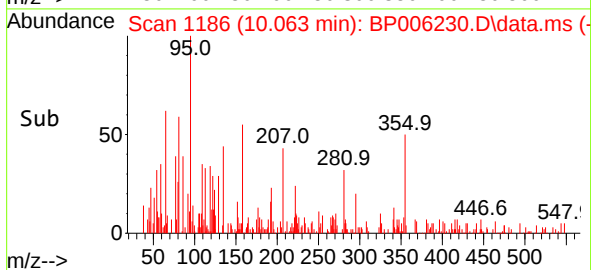
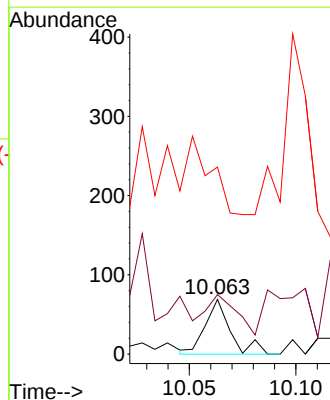
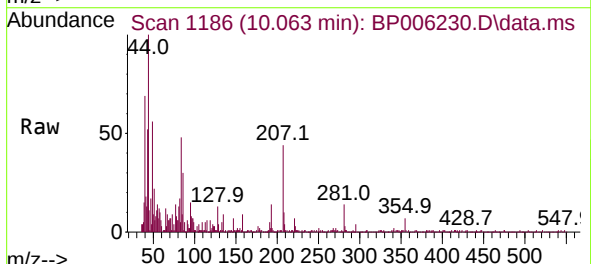
Instrument :
BNA_P
ClientSampleId :
RVR-CF01-01

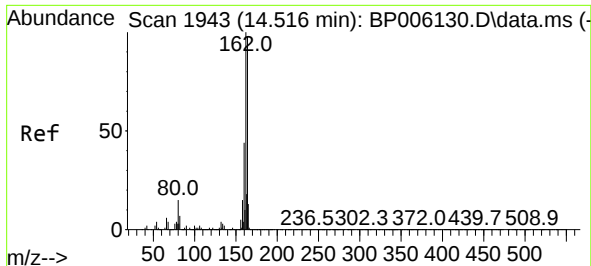
Tgt Ion: 82 Resp: 1150372
Ion Ratio Lower Upper
82 100
128 49.9 35.7 53.5
54 45.1 35.0 52.4



#32
Benzoic acid
Concen: 6.91 ng
RT: 10.063 min Scan# 1186
Delta R.T. 0.000 min
Lab File: BP006230.D
Acq: 14 Jul 2021 21:51

Tgt Ion: 122 Resp: 56
Ion Ratio Lower Upper
122 100
105 108.7 103.2 143.2
77 342.0 76.2 116.2#

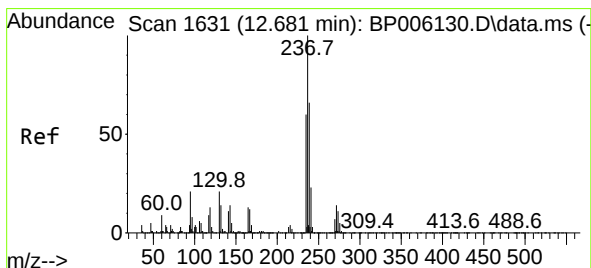
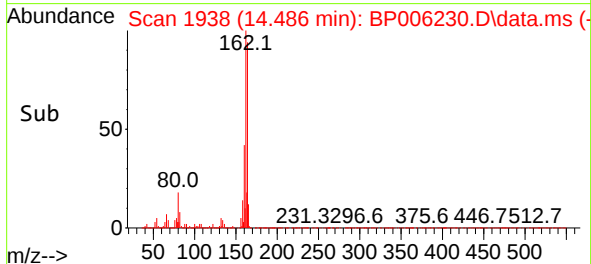
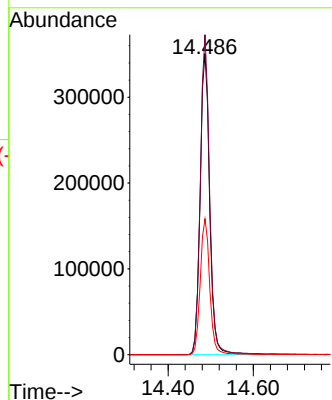
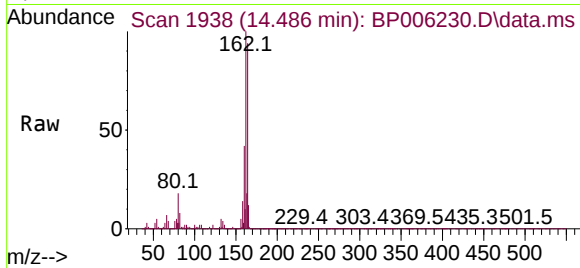




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.486 min Scan# 1938
Delta R.T. -0.011 min
Lab File: BP006230.D
Acq: 14 Jul 2021 21:51

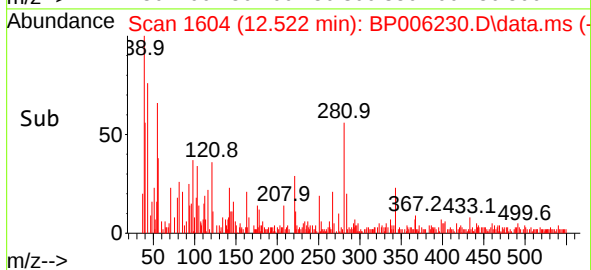
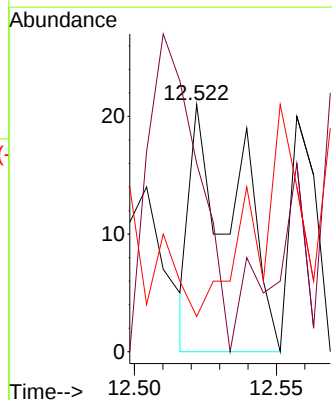
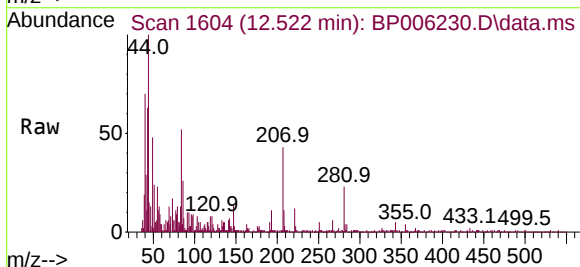
Instrument :
BNA_P
ClientSampleId :
RVR-CF01-01

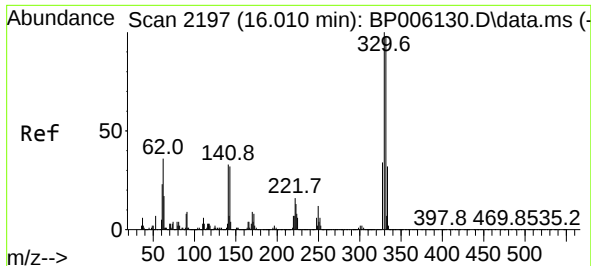
Tgt Ion:164 Resp: 544508
Ion Ratio Lower Upper
164 100
162 106.3 80.2 120.2
160 45.1 34.5 51.7



#41
Hexachlorocyclopentadiene
Concen: 8.71 ng
RT: 12.522 min Scan# 1604
Delta R.T. -0.147 min
Lab File: BP006230.D
Acq: 14 Jul 2021 21:51

Tgt Ion:237 Resp: 23
Ion Ratio Lower Upper
237 100
235 64.0 44.5 84.5
272 12.0 0.0 32.5

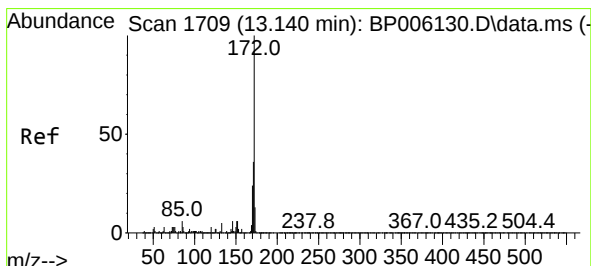
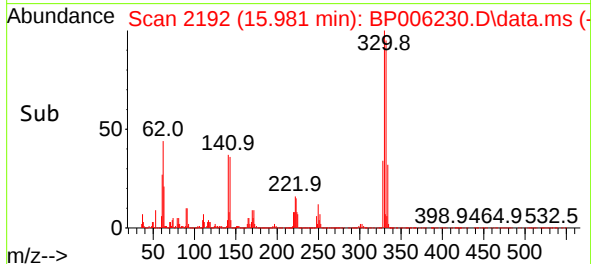
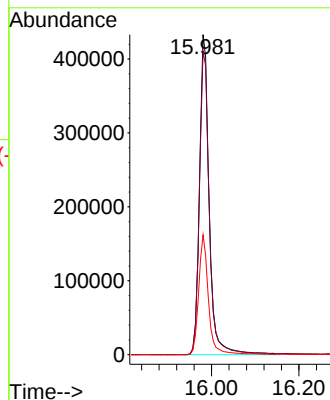
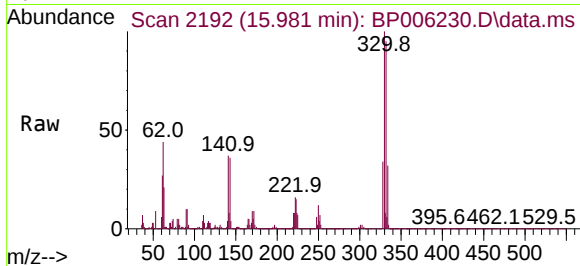




#42
2,4,6-Tribromophenol
Concen: 103.75 ng
RT: 15.981 min Scan# 2192
Delta R.T. -0.017 min
Lab File: BP006230.D
Acq: 14 Jul 2021 21:51

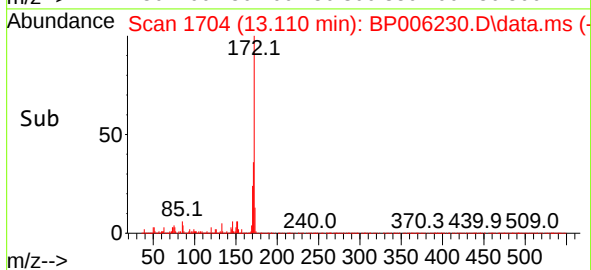
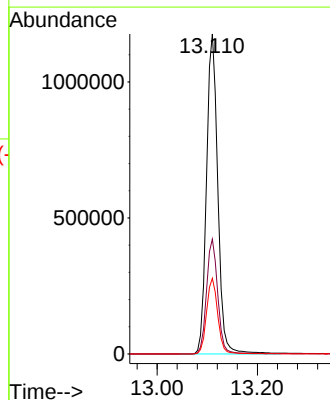
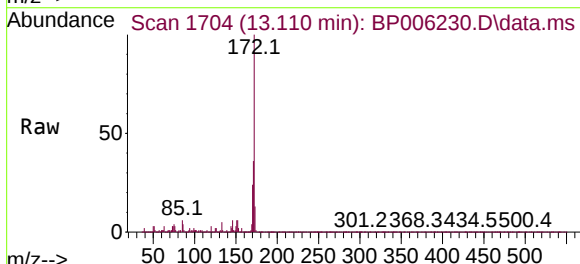
Instrument :
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ClientSampleId :
RVR-CF01-01

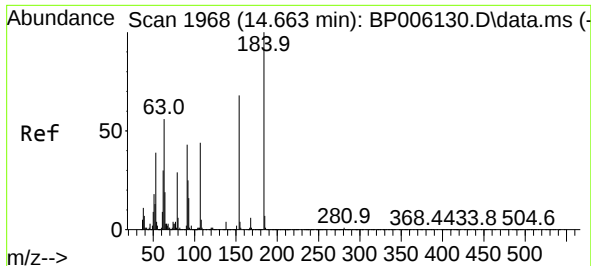
Tgt Ion:330 Resp: 672550
Ion Ratio Lower Upper
330 100
332 97.2 77.8 116.8
141 37.6 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 50.07 ng
RT: 13.110 min Scan# 1704
Delta R.T. -0.011 min
Lab File: BP006230.D
Acq: 14 Jul 2021 21:51

Tgt Ion:172 Resp: 1844300
Ion Ratio Lower Upper
172 100
171 35.9 27.9 41.9
170 23.6 18.6 27.8

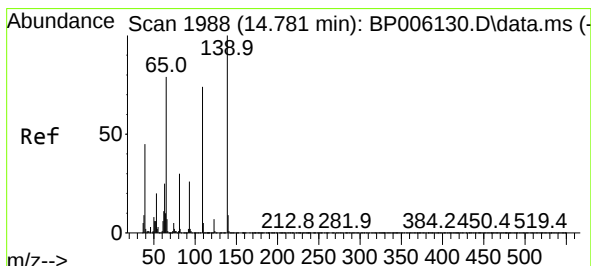
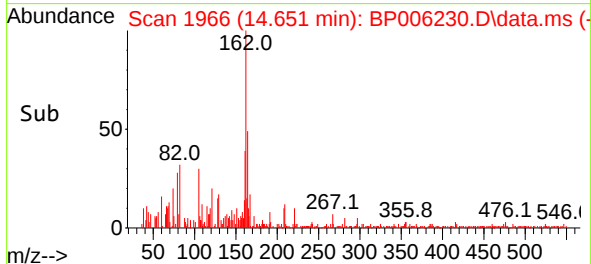
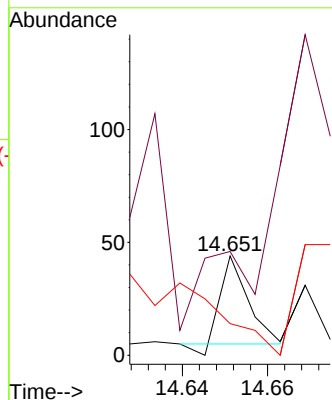
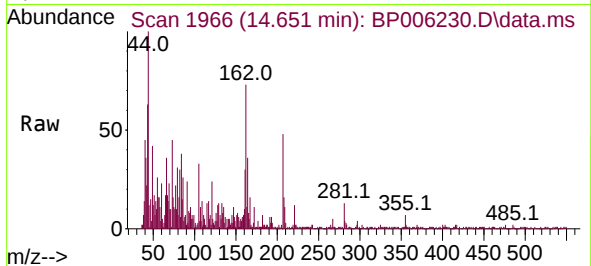




#54
2,4-Dinitrophenol
Concen: 8.88 ng
RT: 14.651 min Scan# 1966
Delta R.T. -0.006 min
Lab File: BP006230.D
Acq: 14 Jul 2021 21:51

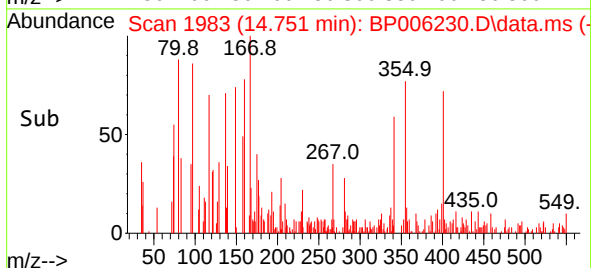
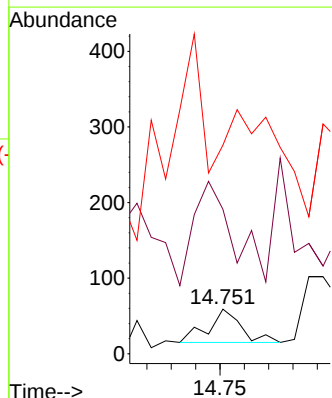
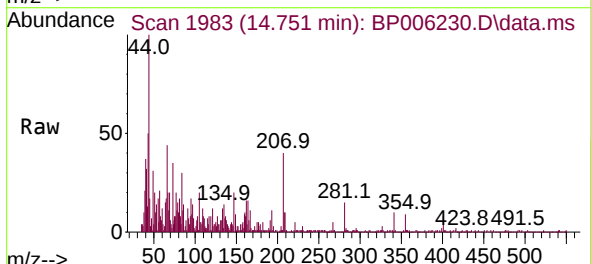
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BNA_P
ClientSampled :
RVR-CF01-01

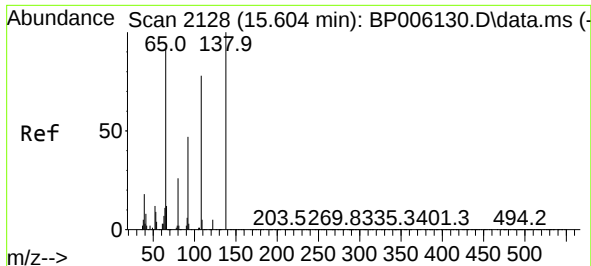
Tgt Ion:184 Resp: 17
Ion Ratio Lower Upper
184 100
63 104.5 47.0 70.6#
154 31.8 52.3 78.5#



#56
4-Nitrophenol
Concen: 7.13 ng
RT: 14.751 min Scan# 1983
Delta R.T. -0.017 min
Lab File: BP006230.D
Acq: 14 Jul 2021 21:51

Tgt Ion:139 Resp: 41
Ion Ratio Lower Upper
139 100
109 323.7 72.3 112.3#
65 467.8 72.5 112.5#

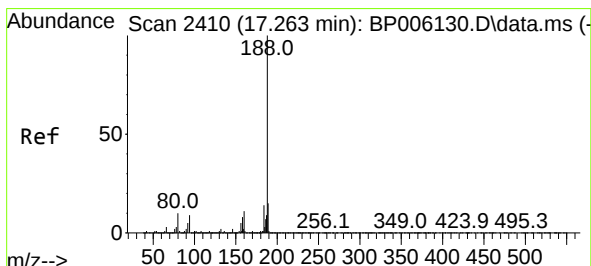
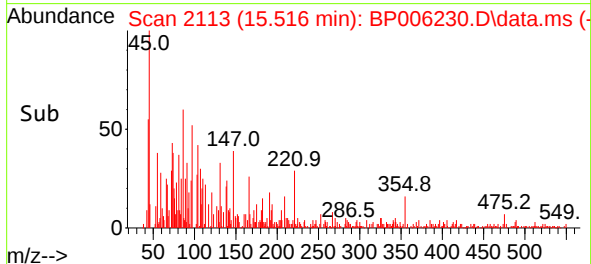
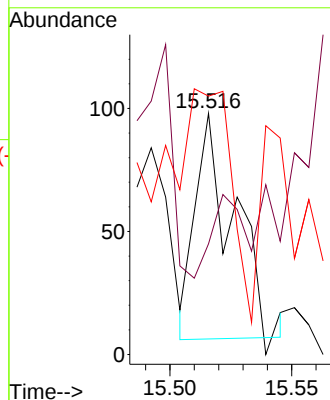
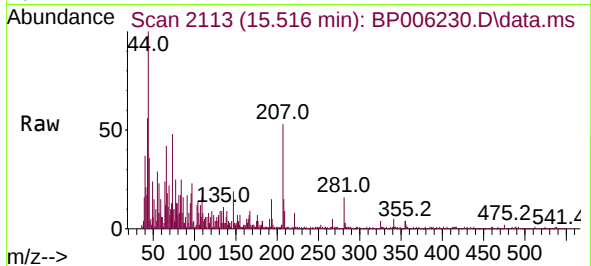




#62
4-Nitroaniline
Concen: 2.97 ng
RT: 15.516 min Scan# 2113
Delta R.T. -0.076 min
Lab File: BP006230.D
Acq: 14 Jul 2021 21:51

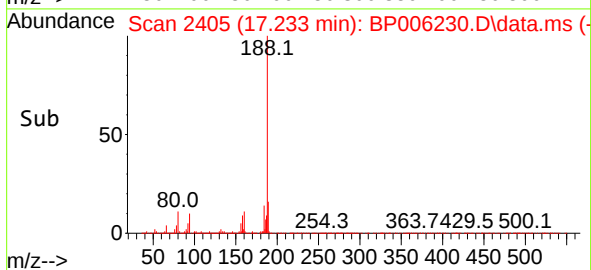
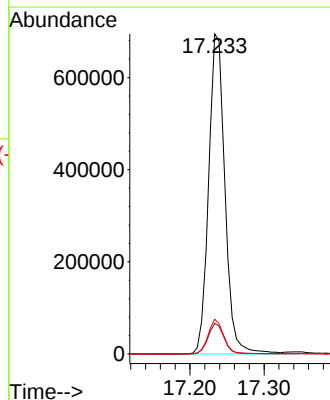
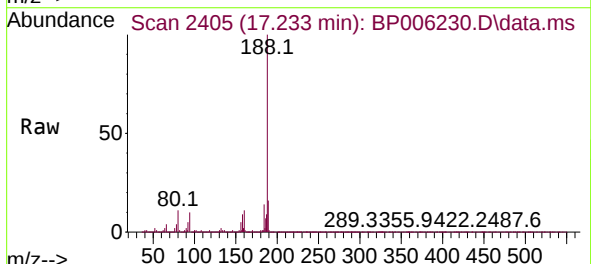
Instrument :
BNA_P
ClientSampleId :
RVR-CF01-01

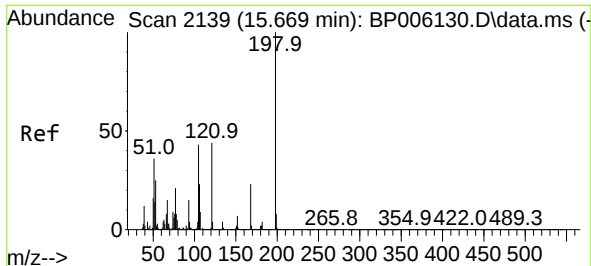
Tgt Ion:138 Resp: 100
Ion Ratio Lower Upper
138 100
92 45.9 31.2 71.2
108 107.1 78.6 118.6



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.233 min Scan# 2405
Delta R.T. -0.017 min
Lab File: BP006230.D
Acq: 14 Jul 2021 21:51

Tgt Ion:188 Resp: 1062547
Ion Ratio Lower Upper
188 100
94 9.6 5.6 8.4#
80 10.8 6.3 9.5#

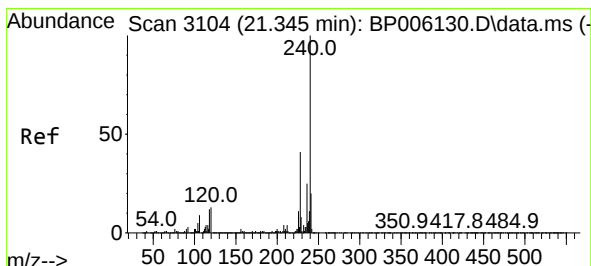
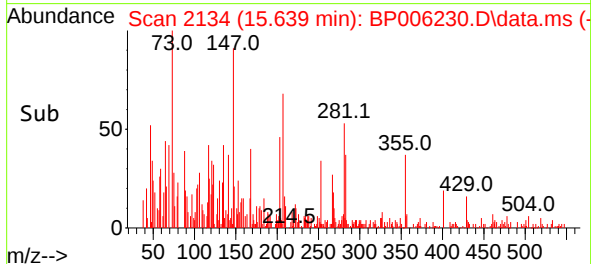
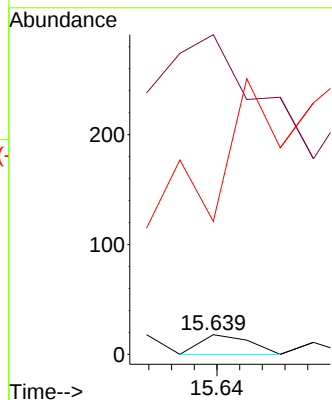
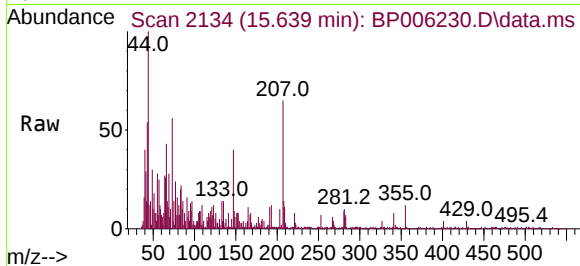




#65
4,6-Dinitro-2-methylphenol
Concen: 4.42 ng
RT: 15.639 min Scan# 2134
Delta R.T. -0.017 min
Lab File: BP006230.D
Acq: 14 Jul 2021 21:51

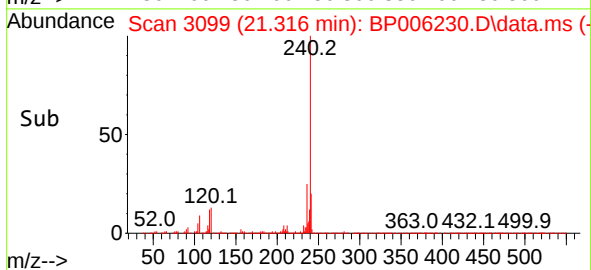
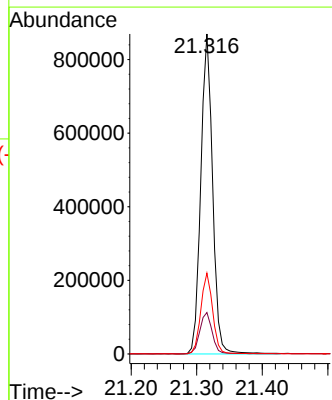
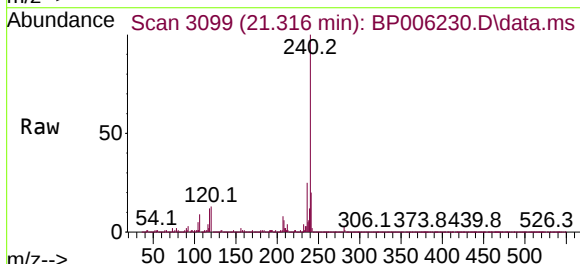
Instrument :
BNA_P
ClientSampleId :
RVR-CF01-01

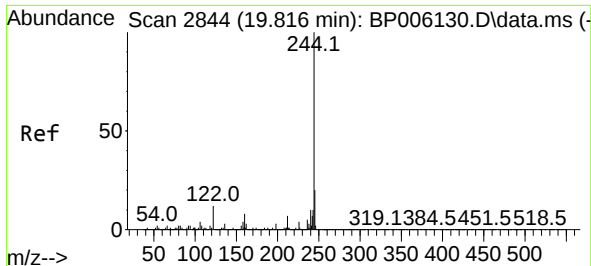
Tgt Ion:198 Resp: 11
Ion Ratio Lower Upper
198 100
51 1616.7 14.0 54.0#
105 672.2 19.5 59.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.316 min Scan# 3099
Delta R.T. -0.011 min
Lab File: BP006230.D
Acq: 14 Jul 2021 21:51

Tgt Ion:240 Resp: 1090821
Ion Ratio Lower Upper
240 100
120 13.0 6.5 9.7#
236 25.3 20.6 31.0

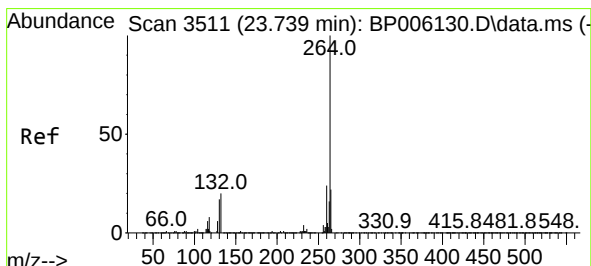
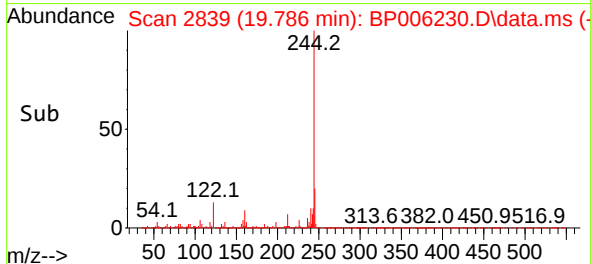
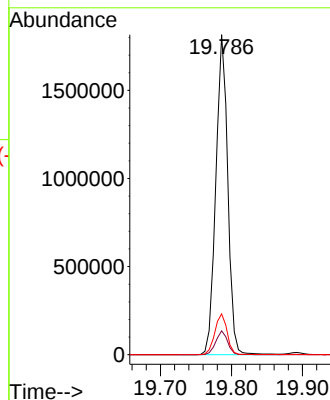
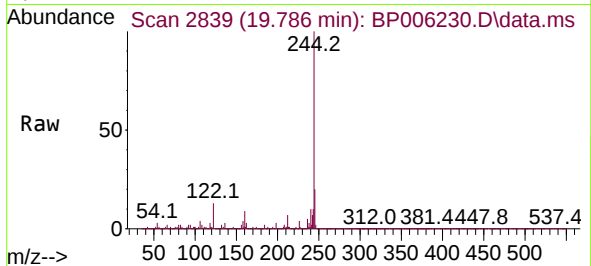




#79
 Terphenyl-d14
 Concen: 38.32 ng
 RT: 19.786 min Scan# 2839
 Delta R.T. -0.017 min
 Lab File: BP006230.D
 Acq: 14 Jul 2021 21:51

Instrument :
 BNA_P
 ClientSampleId :
 RVR-CF01-01

Tgt Ion:244 Resp: 2120077
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.0 9.0
 122 12.8 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: BP006230.D
 Acq: 14 Jul 2021 21:51

Tgt Ion:264 Resp: 1282229
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.6 28.0
 265 22.0 17.6 26.4

