

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071421\
 Data File : BP006229.D
 Acq On : 14 Jul 2021 21:17
 Operator : CG/JU
 Sample : M3026-11
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 ABN-JG-4

Quant Time: Jul 15 03:11:50 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)

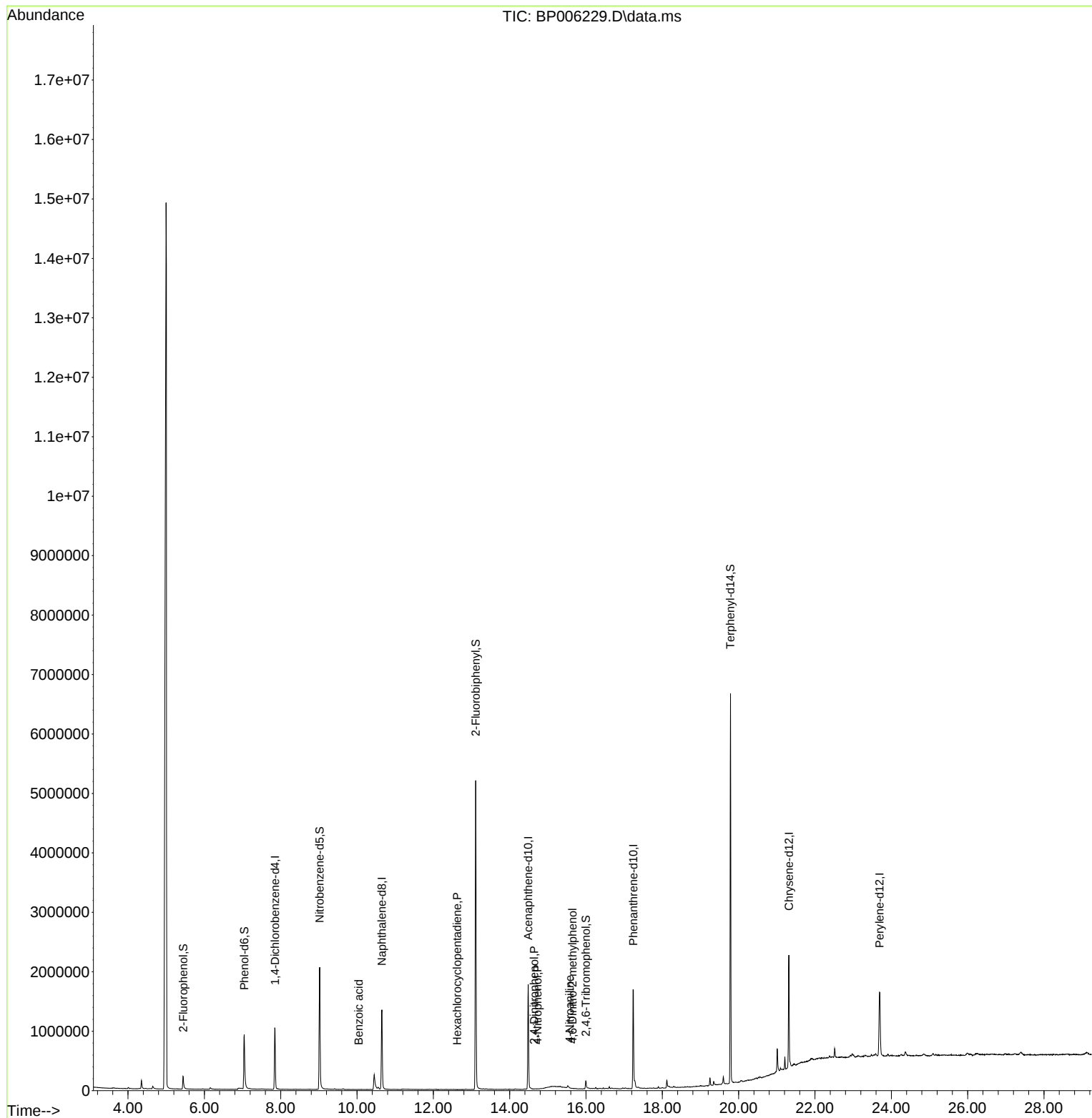
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.851	152	310547	20.00	ng	-0.01
21) Naphthalene-d8	10.651	136	1242244	20.00	ng	-0.01
39) Acenaphthene-d10	14.486	164	633842	20.00	ng	-0.01
64) Phenanthrene-d10	17.239	188	1124059	20.00	ng	#-0.01
76) Chrysene-d12	21.315	240	865755	20.00	ng	#-0.01
86) Perylene-d12	23.692	264	859227	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	136581	7.57	ng	0.00
7) Phenol-d6	7.046	99	698297	29.25	ng	0.00
23) Nitrobenzene-d5	9.022	82	1288485	65.52	ng	-0.01
42) 2,4,6-Tribromophenol	15.998	330	34502	4.57	ng	0.00
45) 2-Fluorobiphenyl	13.110	172	2750733	64.16	ng	-0.01
79) Terphenyl-d14	19.786	244	2762147	62.90	ng	-0.02
Target Compounds						
						Qvalue
32) Benzoic acid	10.045	122	5	6.90	ng	# 1
41) Hexachlorocyclopentadiene	12.622	237	21	8.71	ng	94
54) 2,4-Dinitrophenol	14.639	184	48	8.89	ng	# 1
56) 4-Nitrophenol	14.728	139	138	7.14	ng	# 67
62) 4-Nitroaniline	15.569	138	156	2.97	ng	# 29
65) 4,6-Dinitro-2-methylph...	15.651	198	78	4.43	ng	# 1

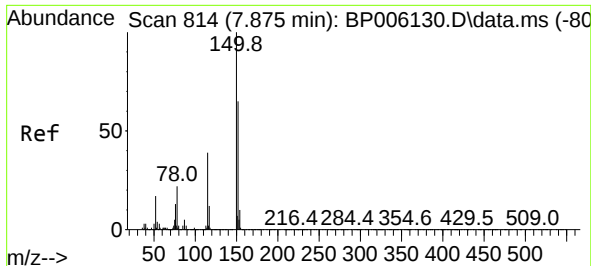
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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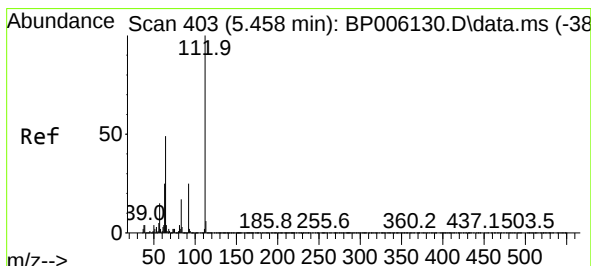
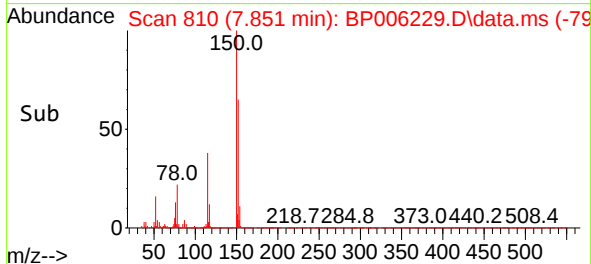
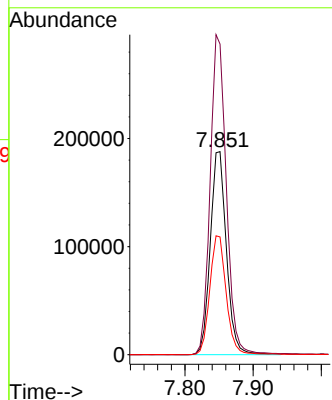
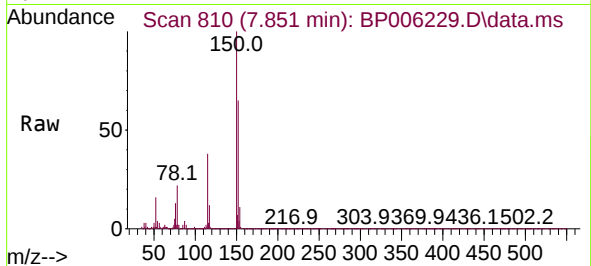




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.851 min Scan# 810
Delta R.T. -0.012 min
Lab File: BP006229.D
Acq: 14 Jul 2021 21:17

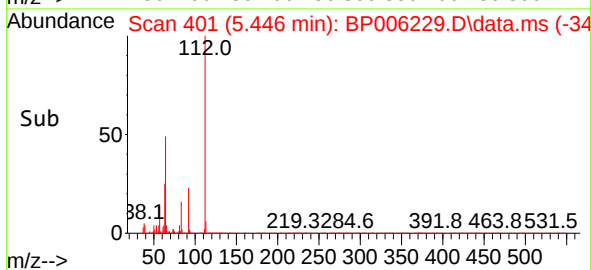
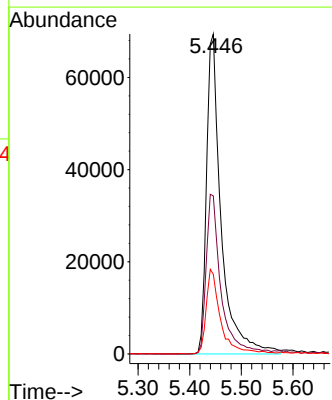
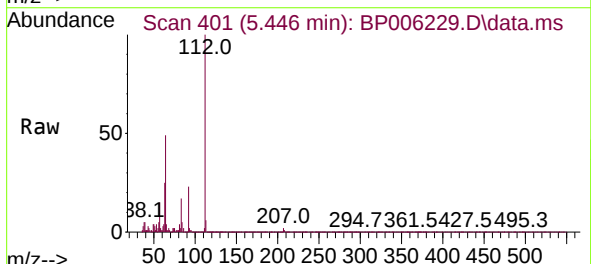
Instrument :
BNA_P
ClientSampleId :
ABN-JG-4

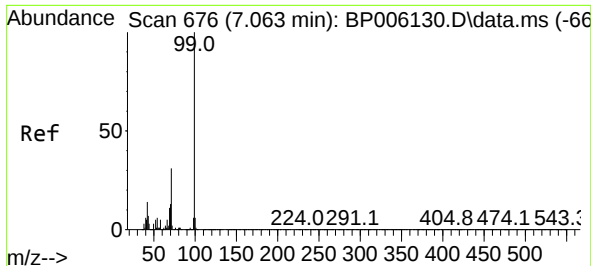
Tgt Ion:152 Resp: 310547
Ion Ratio Lower Upper
152 100
150 152.9 125.6 188.4
115 58.0 48.5 72.7



#5
2-Fluorophenol
Concen: 7.57 ng
RT: 5.446 min Scan# 401
Delta R.T. 0.006 min
Lab File: BP006229.D
Acq: 14 Jul 2021 21:17

Tgt Ion:112 Resp: 136581
Ion Ratio Lower Upper
112 100
64 49.4 41.4 62.2
63 24.9 23.8 35.8

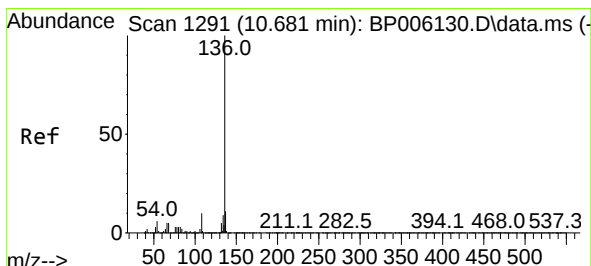
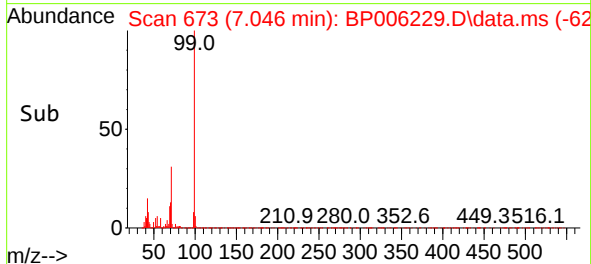
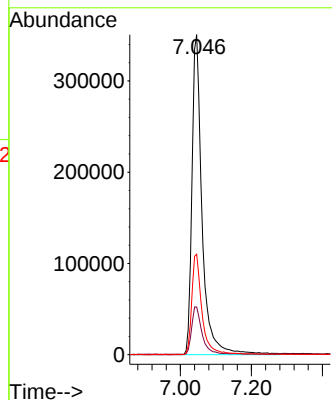
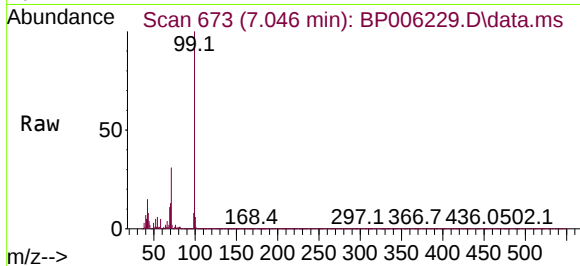




#7
Phenol-d6
Concen: 29.25 ng
RT: 7.046 min Scan# 673
Delta R.T. 0.000 min
Lab File: BP006229.D
Acq: 14 Jul 2021 21:17

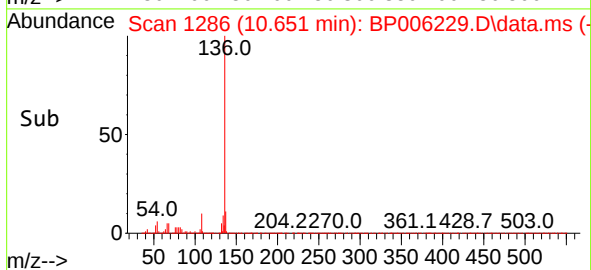
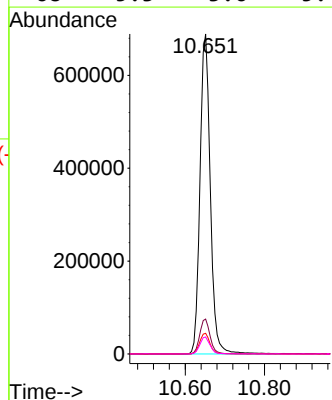
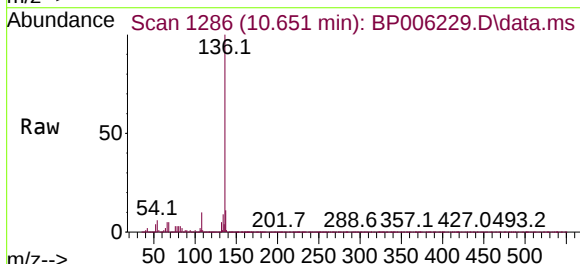
Instrument :
BNA_P
ClientSampleId :
ABN-JG-4

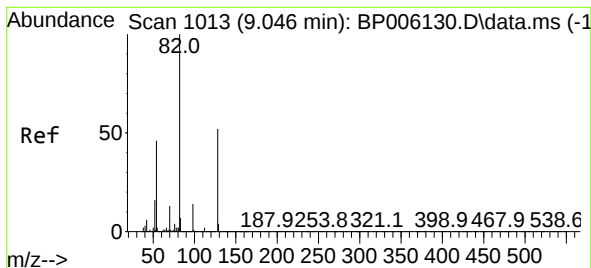
Tgt Ion:	99	Resp:	698297
Ion	Ratio	Lower	Upper
99	100		
42	14.9	13.4	20.0
71	31.4	30.6	46.0



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.651 min Scan# 1286
Delta R.T. -0.012 min
Lab File: BP006229.D
Acq: 14 Jul 2021 21:17

Tgt Ion:	136	Resp:	1242244
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	12.8
54	6.4	4.6	6.8
68	5.3	3.6	5.4

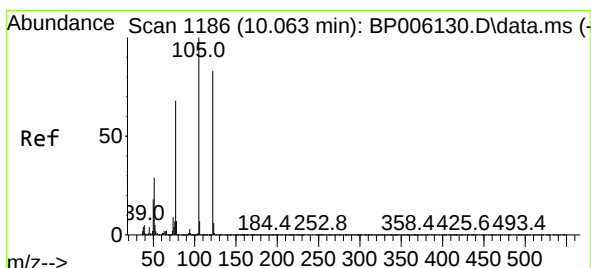
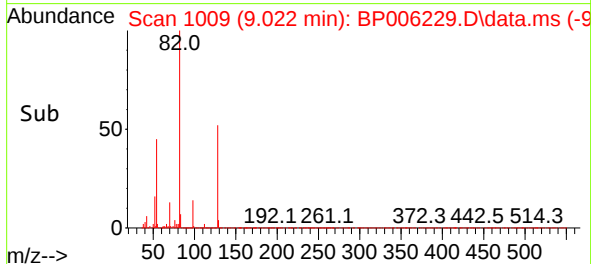
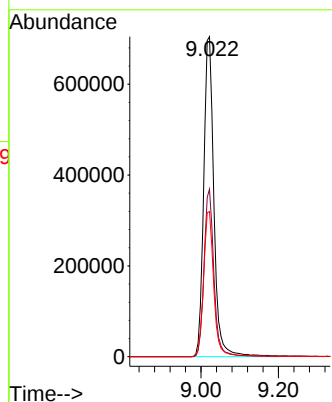
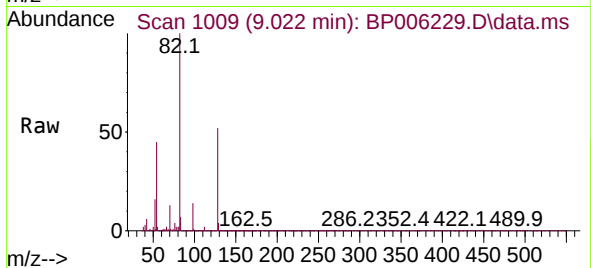




#23
Nitrobenzene-d5
Concen: 65.52 ng
RT: 9.022 min Scan# 1009
Delta R.T. -0.012 min
Lab File: BP006229.D
Acq: 14 Jul 2021 21:17

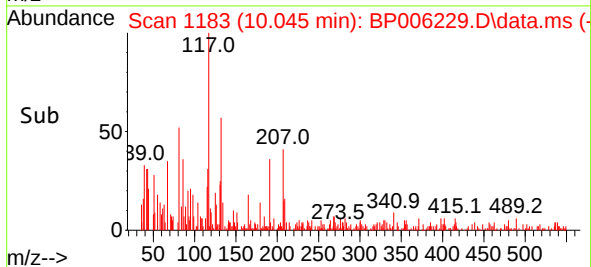
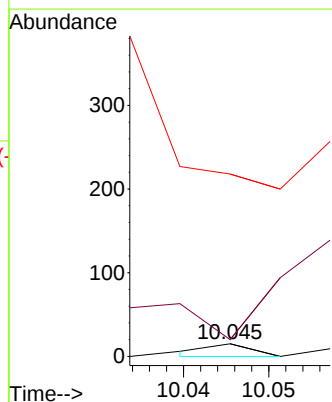
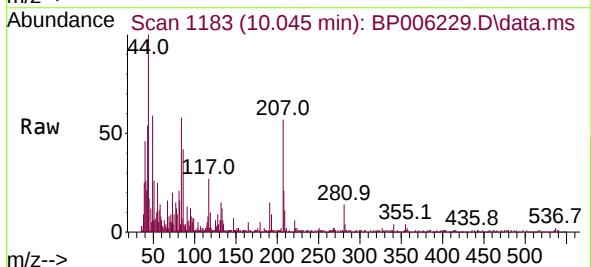
Instrument :
BNA_P
ClientSampleId :
ABN-JG-4

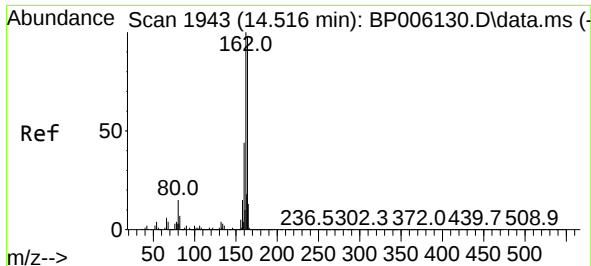
Tgt Ion: 82 Resp: 1288485
Ion Ratio Lower Upper
82 100
128 52.3 35.7 53.5
54 45.4 35.0 52.4



#32
Benzoic acid
Concen: 6.90 ng
RT: 10.045 min Scan# 1183
Delta R.T. -0.017 min
Lab File: BP006229.D
Acq: 14 Jul 2021 21:17

Tgt Ion: 122 Resp: 5
Ion Ratio Lower Upper
122 100
105 133.3 103.2 143.2
77 1453.3 76.2 116.2#

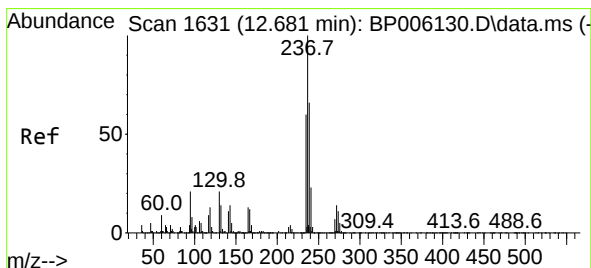
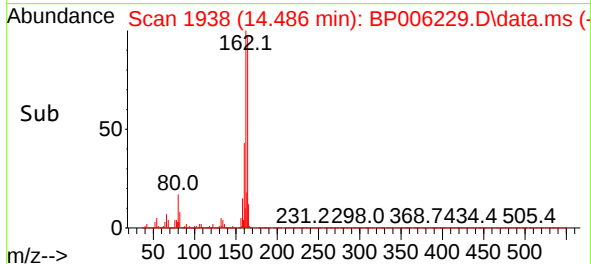
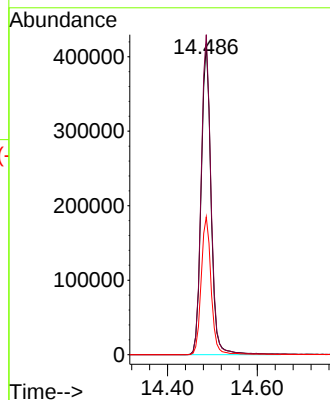
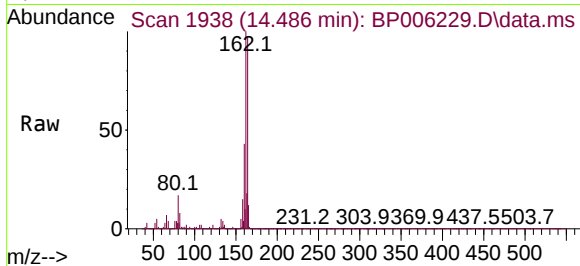




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.486 min Scan# 1938
Delta R.T. -0.012 min
Lab File: BP006229.D
Acq: 14 Jul 2021 21:17

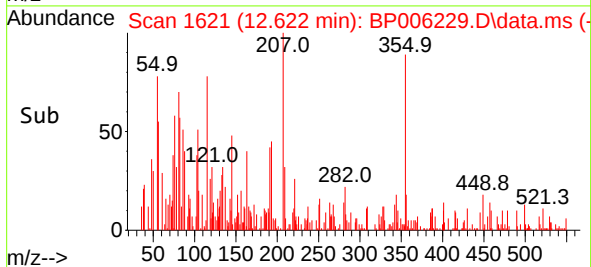
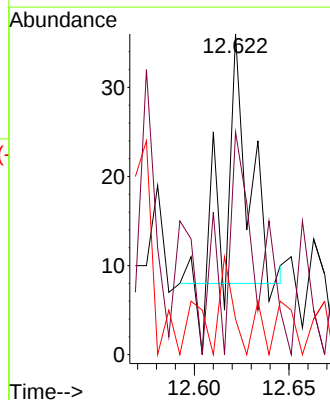
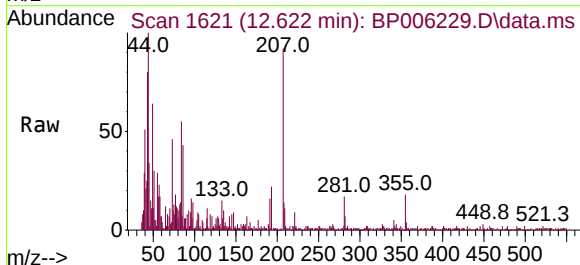
Instrument :
BNA_P
ClientSampleId :
ABN-JG-4

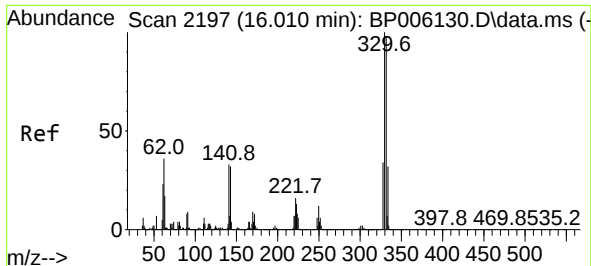
Tgt Ion:164 Resp: 633842
Ion Ratio Lower Upper
164 100
162 103.0 80.2 120.2
160 44.3 34.5 51.7



#41
Hexachlorocyclopentadiene
Concen: 8.71 ng
RT: 12.622 min Scan# 1621
Delta R.T. -0.047 min
Lab File: BP006229.D
Acq: 14 Jul 2021 21:17

Tgt Ion:237 Resp: 21
Ion Ratio Lower Upper
237 100
235 69.4 44.5 84.5
272 11.1 0.0 32.5

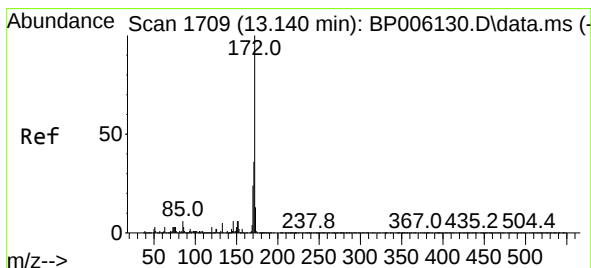
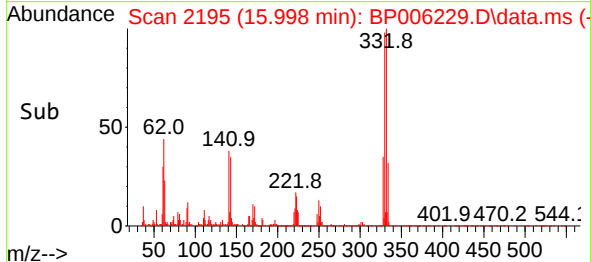
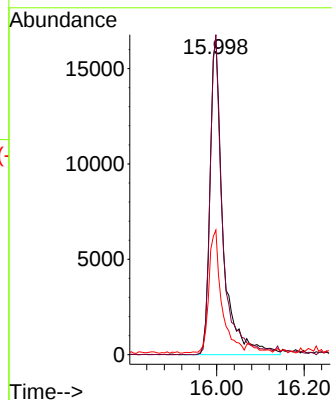
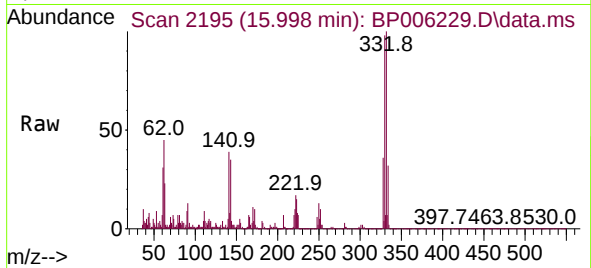




#42
2,4,6-Tribromophenol
Concen: 4.57 ng
RT: 15.998 min Scan# 2195
Delta R.T. 0.000 min
Lab File: BP006229.D
Acq: 14 Jul 2021 21:17

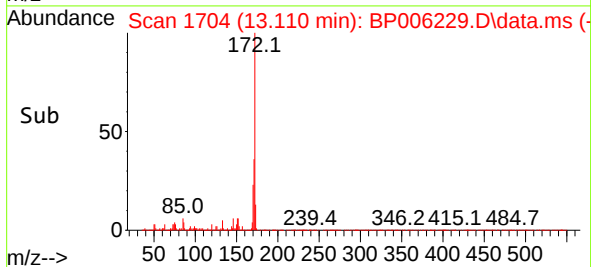
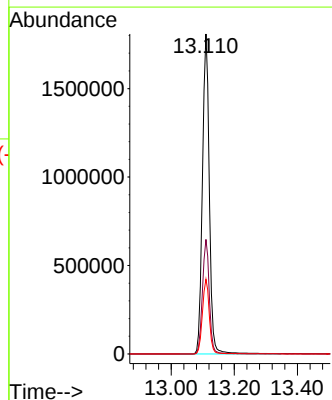
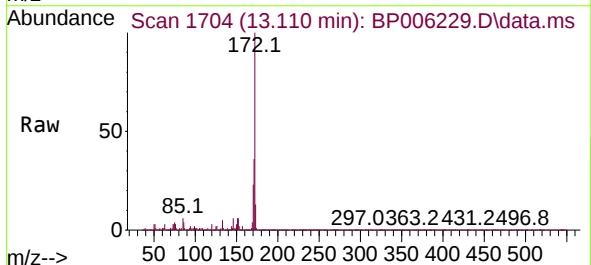
Instrument :
BNA_P
ClientSampleId :
ABN-JG-4

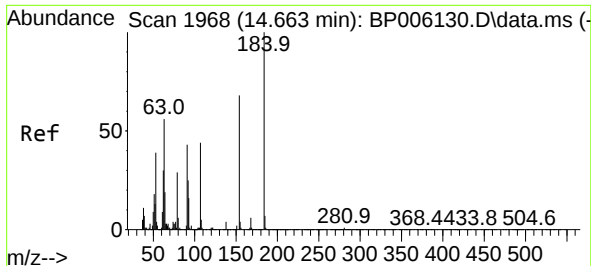
Tgt Ion:330 Resp: 34502
Ion Ratio Lower Upper
330 100
332 96.8 77.8 116.8
141 38.0 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 64.16 ng
RT: 13.110 min Scan# 1704
Delta R.T. -0.012 min
Lab File: BP006229.D
Acq: 14 Jul 2021 21:17

Tgt Ion:172 Resp: 2750733
Ion Ratio Lower Upper
172 100
171 35.8 27.9 41.9
170 23.3 18.6 27.8

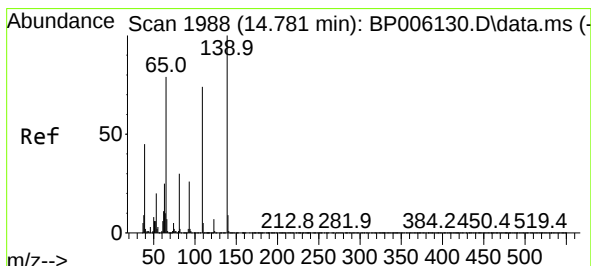
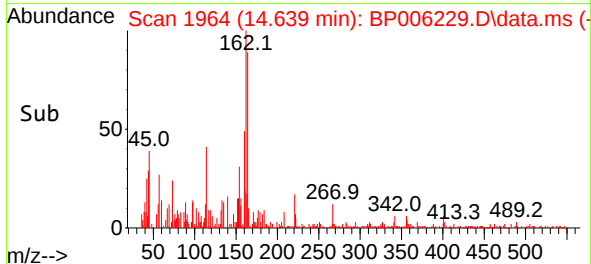
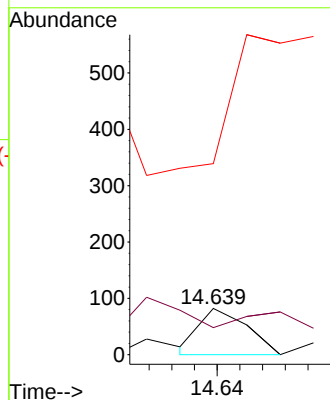
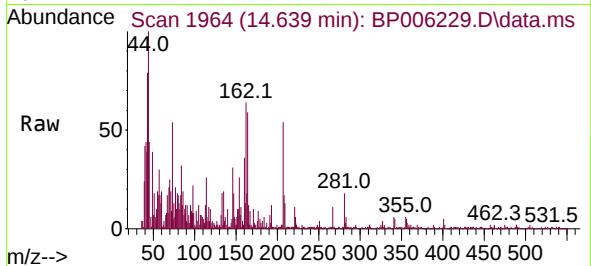




#54
2,4-Dinitrophenol
Concen: 8.89 ng
RT: 14.639 min Scan# 1964
Delta R.T. -0.017 min
Lab File: BP006229.D
Acq: 14 Jul 2021 21:17

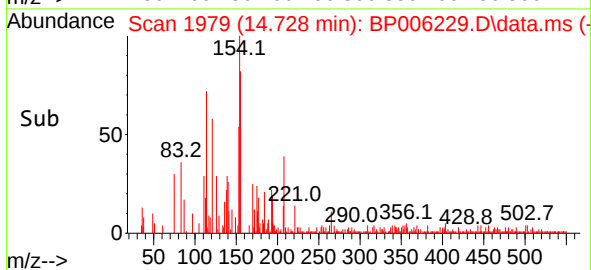
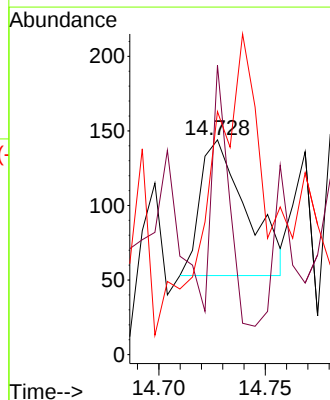
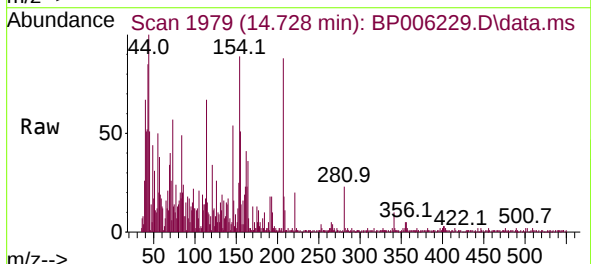
Instrument :
BNA_P
ClientSampled :
ABN-JG-4

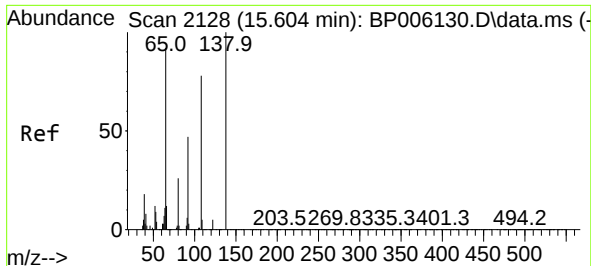
Tgt Ion:184 Resp: 48
Ion Ratio Lower Upper
184 100
63 58.5 47.0 70.6
154 413.4 52.3 78.5#



#56
4-Nitrophenol
Concen: 7.14 ng
RT: 14.728 min Scan# 1979
Delta R.T. -0.041 min
Lab File: BP006229.D
Acq: 14 Jul 2021 21:17

Tgt Ion:139 Resp: 138
Ion Ratio Lower Upper
139 100
109 134.7 72.3 112.3#
65 113.2 72.5 112.5#

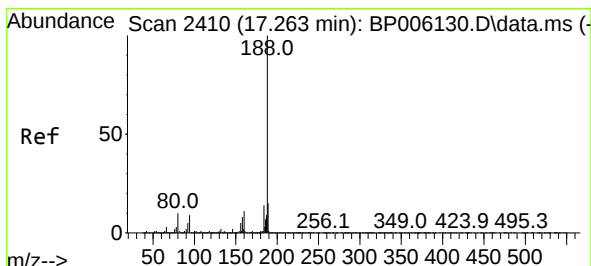
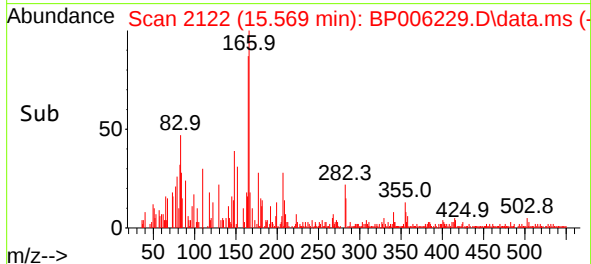
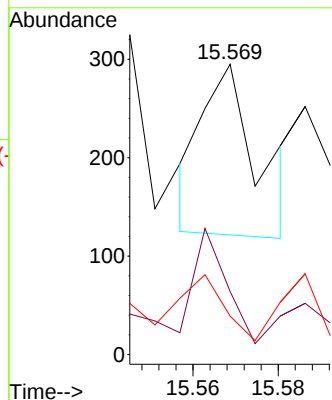
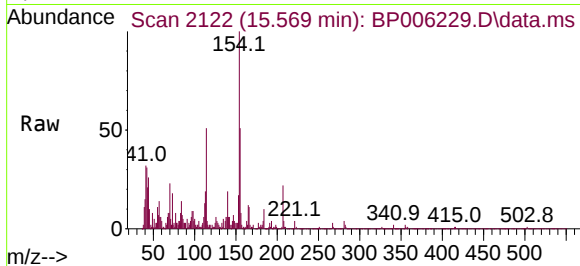




#62
4-Nitroaniline
Concen: 2.97 ng
RT: 15.569 min Scan# 2122
Delta R.T. -0.023 min
Lab File: BP006229.D
Acq: 14 Jul 2021 21:17

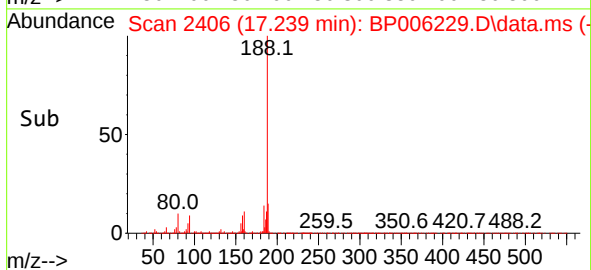
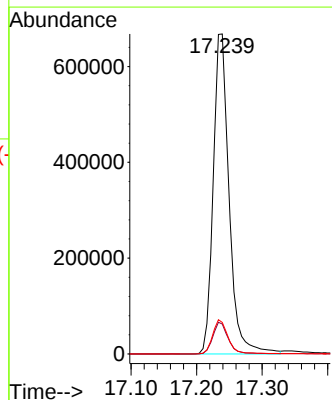
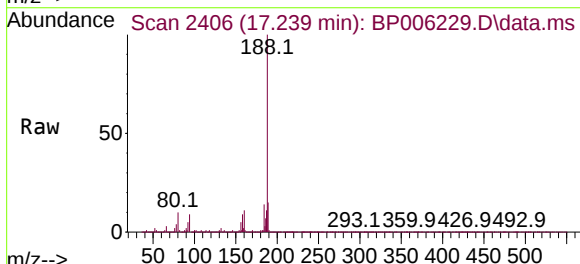
Instrument :
BNA_P
ClientSampleId :
ABN-JG-4

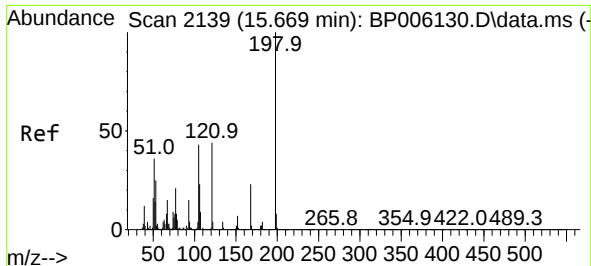
Tgt Ion:138 Resp: 156
Ion Ratio Lower Upper
138 100
92 21.7 31.2 71.2#
108 13.2 78.6 118.6#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.239 min Scan# 2406
Delta R.T. -0.012 min
Lab File: BP006229.D
Acq: 14 Jul 2021 21:17

Tgt Ion:188 Resp: 1124059
Ion Ratio Lower Upper
188 100
94 9.3 5.6 8.4#
80 9.9 6.3 9.5#

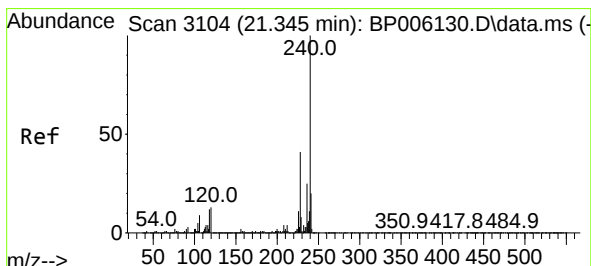
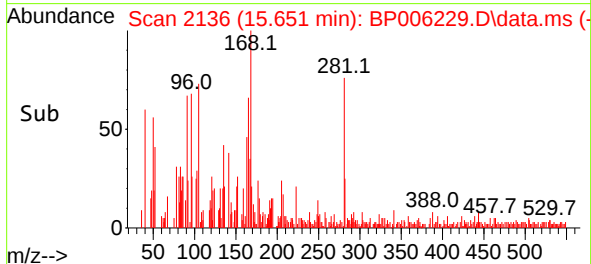
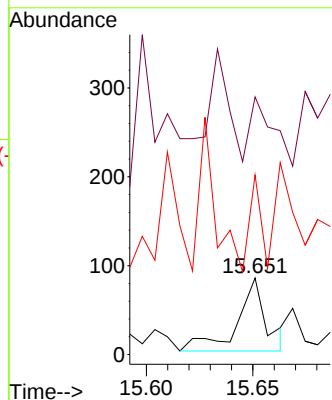
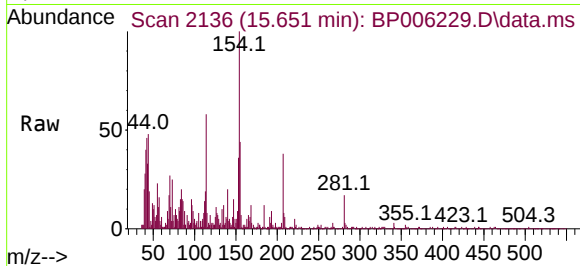




#65
4,6-Dinitro-2-methylphenol
Concen: 4.43 ng
RT: 15.651 min Scan# 2136
Delta R.T. -0.006 min
Lab File: BP006229.D
Acq: 14 Jul 2021 21:17

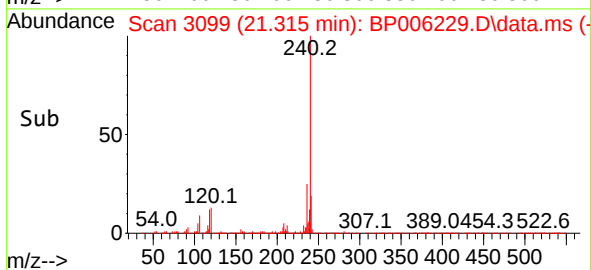
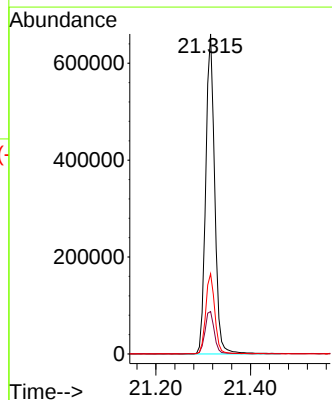
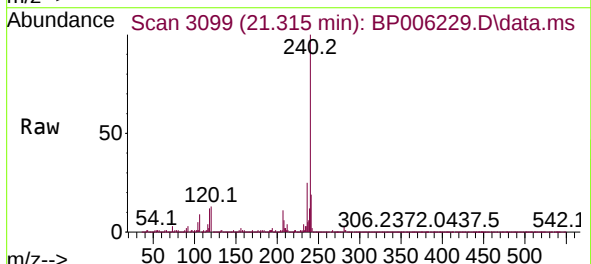
Instrument :
BNA_P
ClientSampleId :
ABN-JG-4

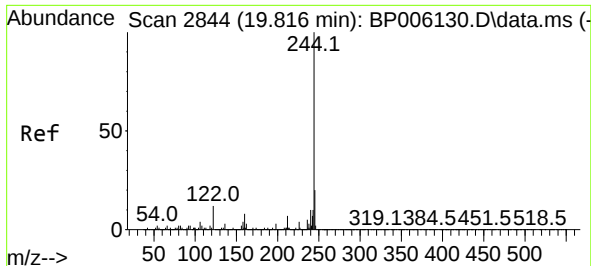
Tgt Ion:198 Resp: 78
Ion Ratio Lower Upper
198 100
51 337.2 14.0 54.0#
105 234.9 19.5 59.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.315 min Scan# 3099
Delta R.T. -0.012 min
Lab File: BP006229.D
Acq: 14 Jul 2021 21:17

Tgt Ion:240 Resp: 865755
Ion Ratio Lower Upper
240 100
120 13.3 6.5 9.7#
236 25.1 20.6 31.0

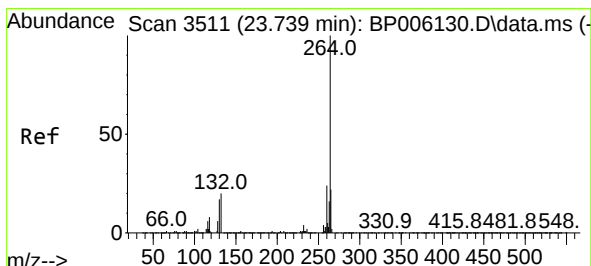
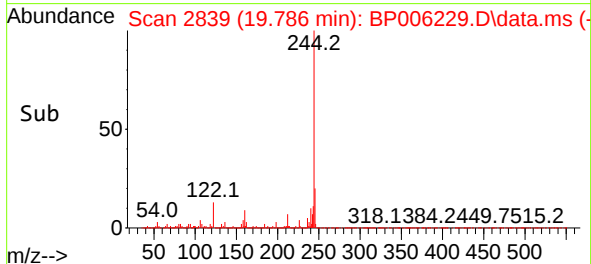
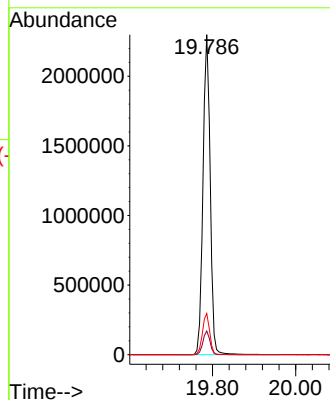
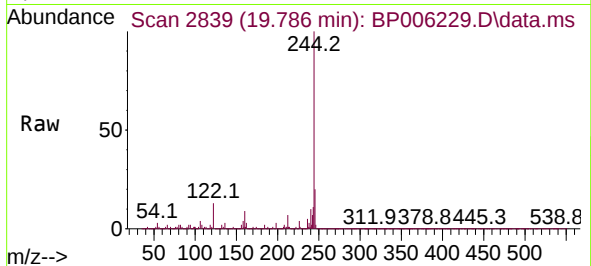




#79
Terphenyl-d14
Concen: 62.90 ng
RT: 19.786 min Scan# 2839
Delta R.T. -0.017 min
Lab File: BP006229.D
Acq: 14 Jul 2021 21:17

Instrument :
BNA_P
ClientSampleId :
ABN-JG-4

Tgt Ion:244 Resp: 2762147
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: BP006229.D
Acq: 14 Jul 2021 21:17

Tgt Ion:264 Resp: 859227
Ion Ratio Lower Upper
264 100
260 23.7 18.6 28.0
265 22.2 17.6 26.4

