

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071421\
 Data File : BP006227.D
 Acq On : 14 Jul 2021 20:09
 Operator : CG/JU
 Sample : M3026-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 ABN-JG-1

Quant Time: Jul 15 03:11:21 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)

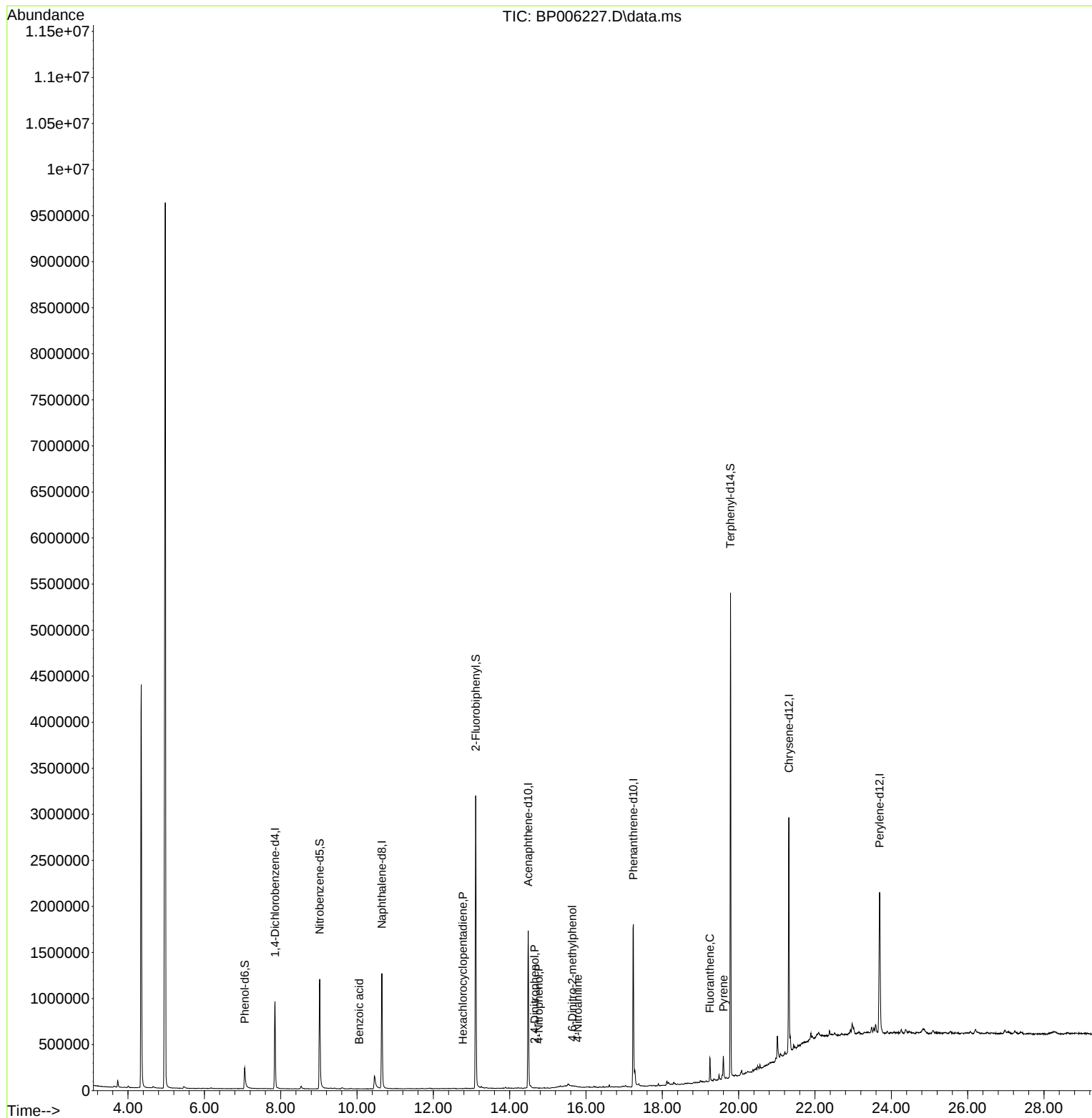
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.851	152	285590	20.00	ng	-0.01
21) Naphthalene-d8	10.651	136	1153385	20.00	ng	-0.01
39) Acenaphthene-d10	14.486	164	613752	20.00	ng	-0.01
64) Phenanthrene-d10	17.239	188	1171444	20.00	ng	#-0.01
76) Chrysene-d12	21.315	240	1086688	20.00	ng	#-0.01
86) Perylene-d12	23.692	264	1118777	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	16471	0.99	ng	0.02
7) Phenol-d6	7.057	99	217077	9.89	ng	0.01
23) Nitrobenzene-d5	9.022	82	800313	43.83	ng	-0.01
42) 2,4,6-Tribromophenol	16.022	330	1649	0.23	ng	0.02
45) 2-Fluorobiphenyl	13.110	172	1681375	40.50	ng	-0.01
79) Terphenyl-d14	19.786	244	2198333	39.89	ng	-0.02
Target Compounds						
						Qvalue
32) Benzoic acid	10.057	122	49	6.91	ng	# 1
41) Hexachlorocyclopentadiene	12.775	237	22	8.71	ng	85
54) 2,4-Dinitrophenol	14.651	184	17	8.88	ng	# 45
56) 4-Nitrophenol	14.763	139	42	7.13	ng	# 1
62) 4-Nitroaniline	15.786	138	35	2.96	ng	81
65) 4,6-Dinitro-2-methylph...	15.639	198	61	4.43	ng	# 1
75) Fluoranthene	19.245	202	154122	2.13	ng	95
78) Pyrene	19.598	202	147566	2.01	ng	100

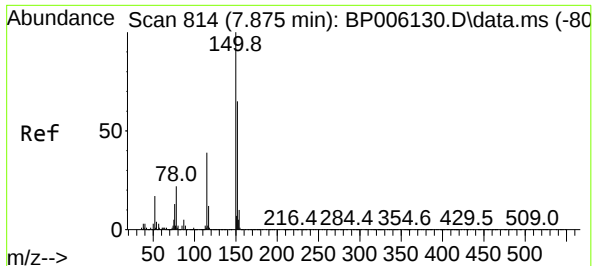
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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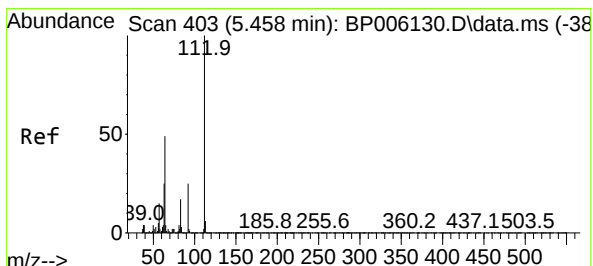
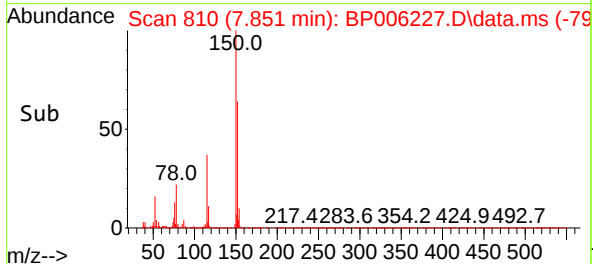
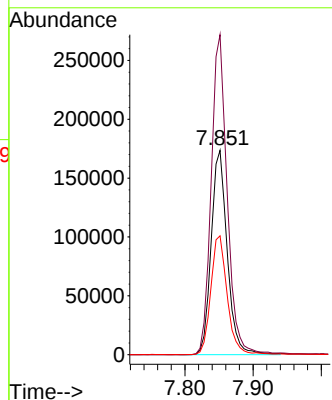
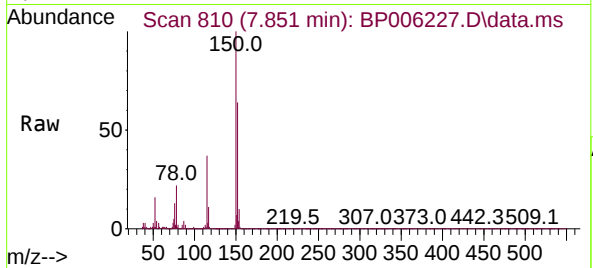




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.851 min Scan# 810
Delta R.T. -0.012 min
Lab File: BP006227.D
Acq: 14 Jul 2021 20:09

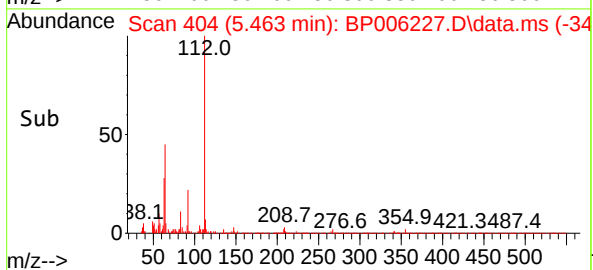
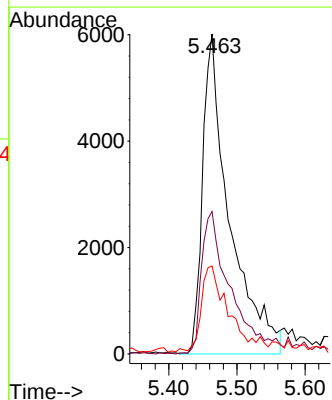
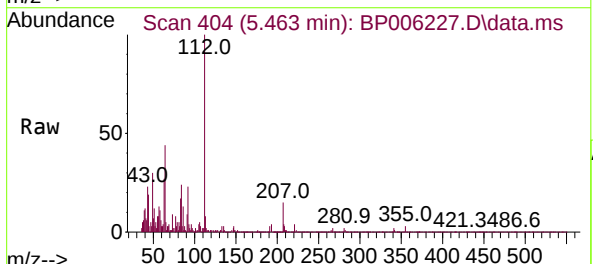
Instrument :
BNA_P
ClientSampleId :
ABN-JG-1

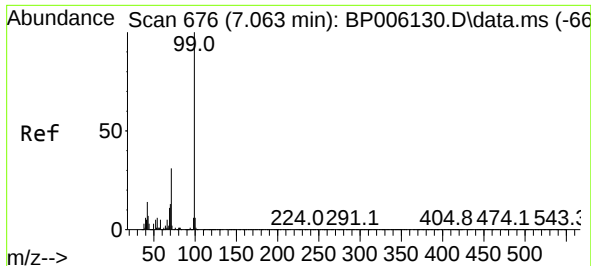
Tgt Ion:152 Resp: 285590
Ion Ratio Lower Upper
152 100
150 156.6 125.6 188.4
115 58.1 48.5 72.7



#5
2-Fluorophenol
Concen: 0.99 ng
RT: 5.463 min Scan# 404
Delta R.T. 0.024 min
Lab File: BP006227.D
Acq: 14 Jul 2021 20:09

Tgt Ion:112 Resp: 16471
Ion Ratio Lower Upper
112 100
64 44.5 41.4 62.2
63 27.5 23.8 35.8

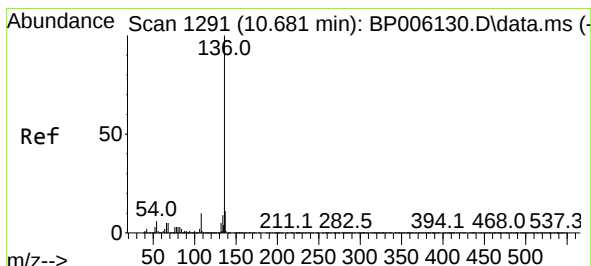
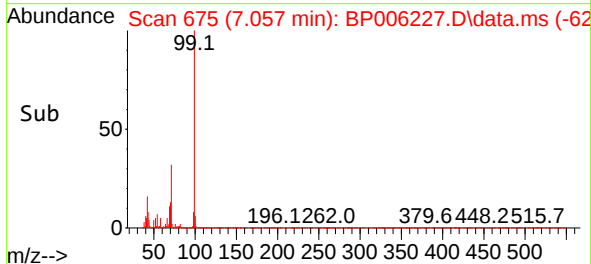
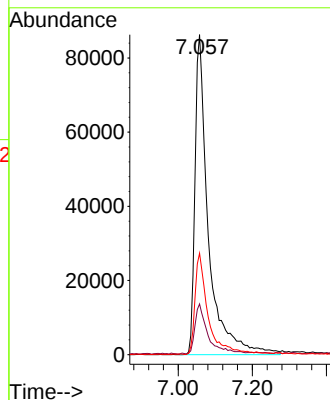
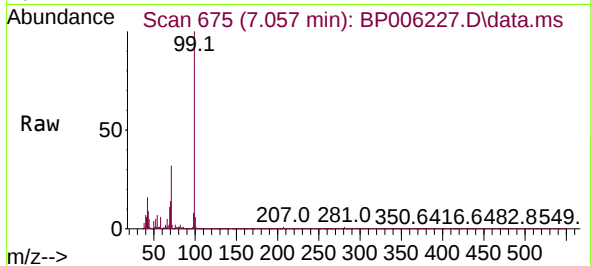




#7
Phenol-d6
Concen: 9.89 ng
RT: 7.057 min Scan# 675
Delta R.T. 0.012 min
Lab File: BP006227.D
Acq: 14 Jul 2021 20:09

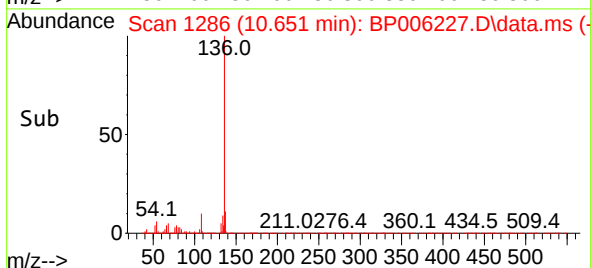
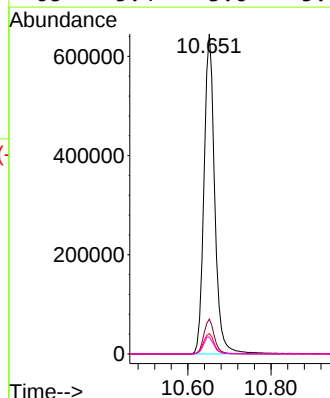
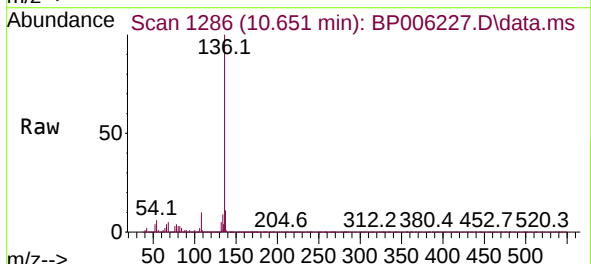
Instrument :
BNA_P
ClientSampleId :
ABN-JG-1

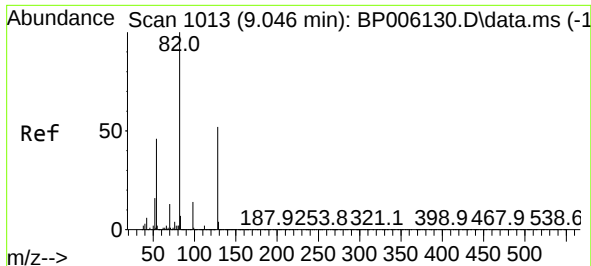
Tgt Ion:	99	Resp:	217077
Ion	Ratio	Lower	Upper
99	100		
42	15.9	13.4	20.0
71	31.7	30.6	46.0



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.651 min Scan# 1286
Delta R.T. -0.012 min
Lab File: BP006227.D
Acq: 14 Jul 2021 20:09

Tgt Ion:	136	Resp:	1153385
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	12.8
54	6.4	4.6	6.8
68	5.4	3.6	5.4

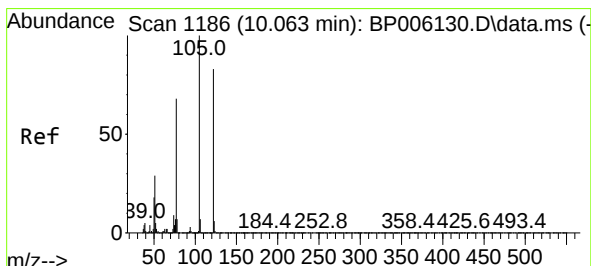
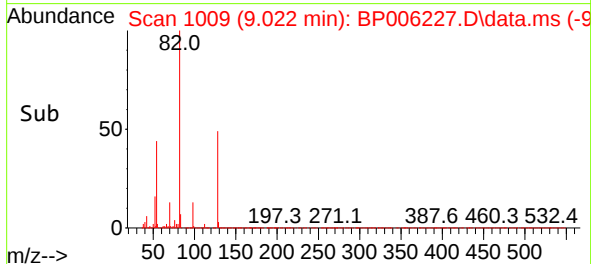
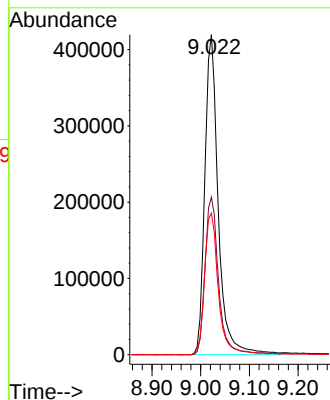
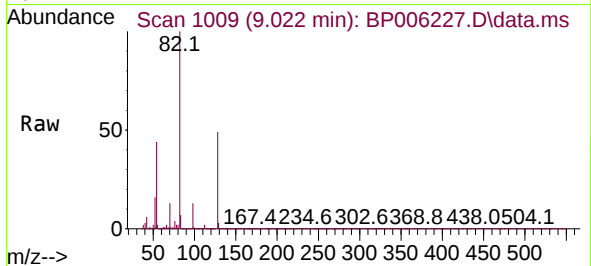




#23
Nitrobenzene-d5
Concen: 43.83 ng
RT: 9.022 min Scan# 1009
Delta R.T. -0.012 min
Lab File: BP006227.D
Acq: 14 Jul 2021 20:09

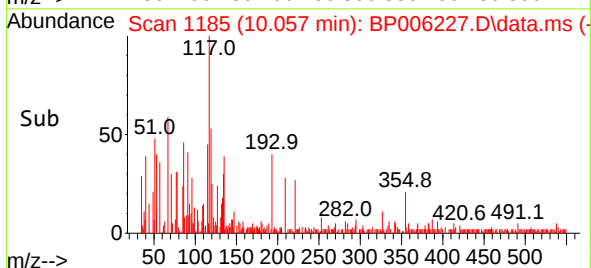
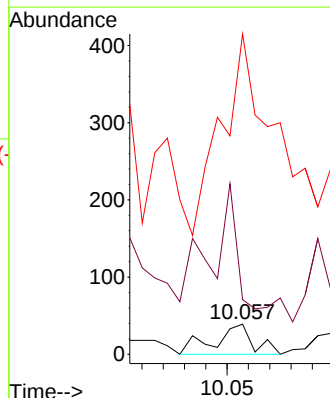
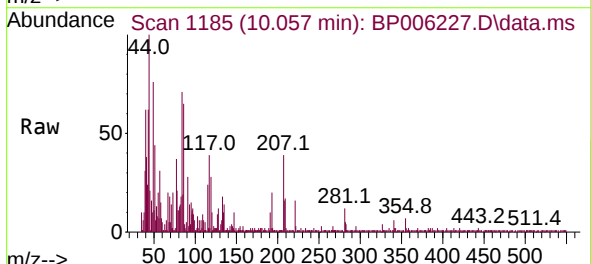
Instrument :
BNA_P
ClientSampleId :
ABN-JG-1

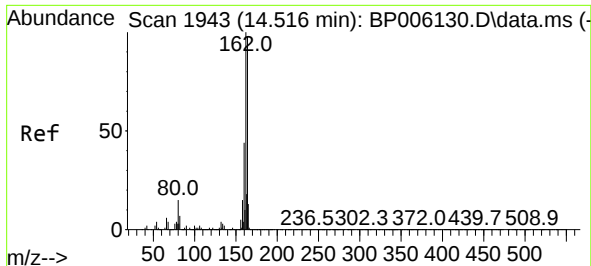
Tgt Ion: 82 Resp: 800313
Ion Ratio Lower Upper
82 100
128 49.2 35.7 53.5
54 44.3 35.0 52.4



#32
Benzoic acid
Concen: 6.91 ng
RT: 10.057 min Scan# 1185
Delta R.T. -0.006 min
Lab File: BP006227.D
Acq: 14 Jul 2021 20:09

Tgt Ion: 122 Resp: 49
Ion Ratio Lower Upper
122 100
105 132.7 103.2 143.2
77 754.5 76.2 116.2#

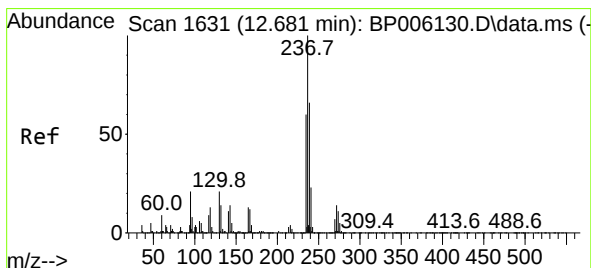
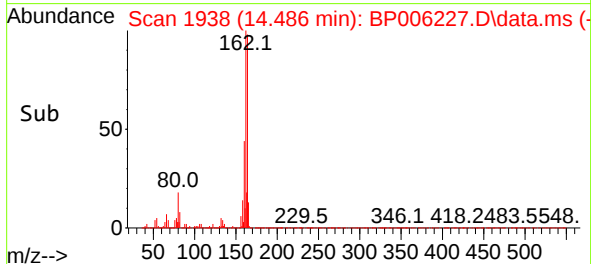
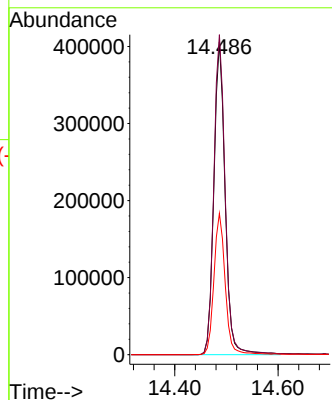
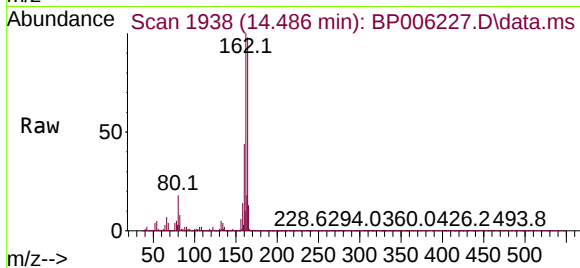




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.486 min Scan# 1938
Delta R.T. -0.012 min
Lab File: BP006227.D
Acq: 14 Jul 2021 20:09

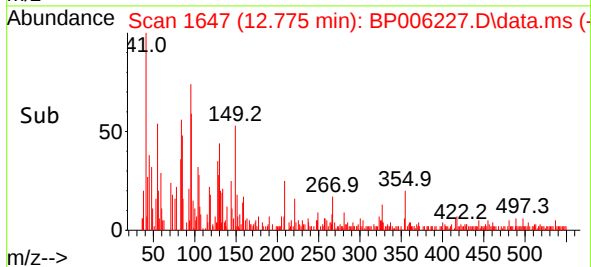
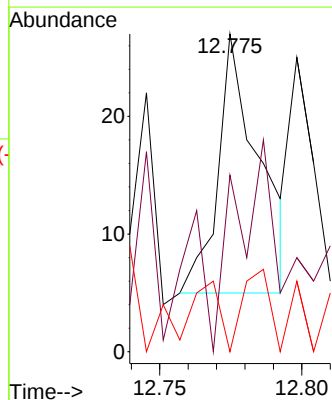
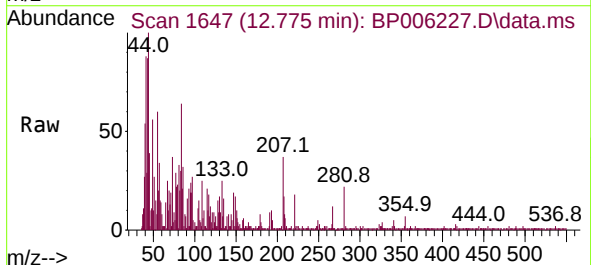
Instrument :
BNA_P
ClientSampleId :
ABN-JG-1

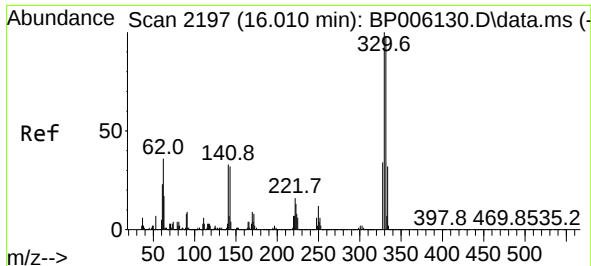
Tgt Ion:164 Resp: 613752
Ion Ratio Lower Upper
164 100
162 102.3 80.2 120.2
160 45.1 34.5 51.7



#41
Hexachlorocyclopentadiene
Concen: 8.71 ng
RT: 12.775 min Scan# 1647
Delta R.T. 0.106 min
Lab File: BP006227.D
Acq: 14 Jul 2021 20:09

Tgt Ion:237 Resp: 22
Ion Ratio Lower Upper
237 100
235 55.6 44.5 84.5
272 0.0 0.0 32.5

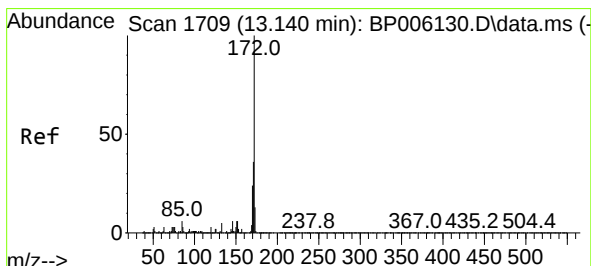
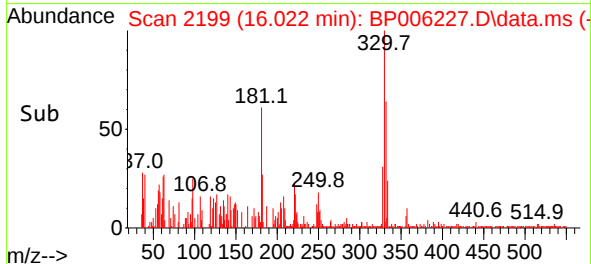
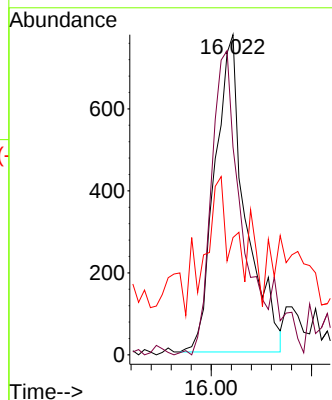
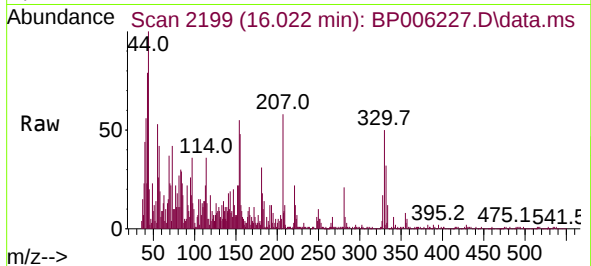




#42
2,4,6-Tribromophenol
Concen: 0.23 ng
RT: 16.022 min Scan# 2199
Delta R.T. 0.024 min
Lab File: BP006227.D
Acq: 14 Jul 2021 20:09

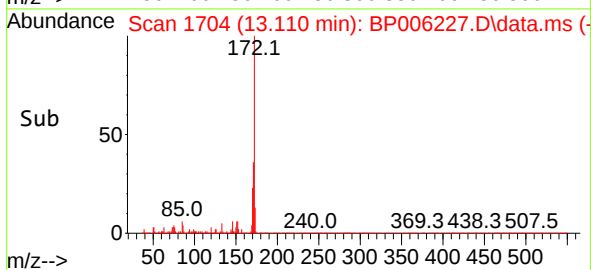
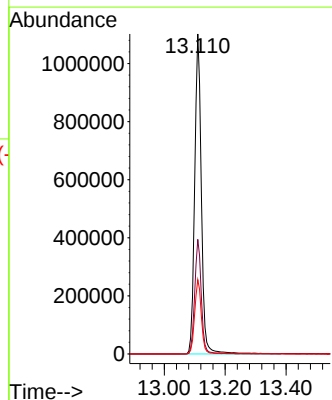
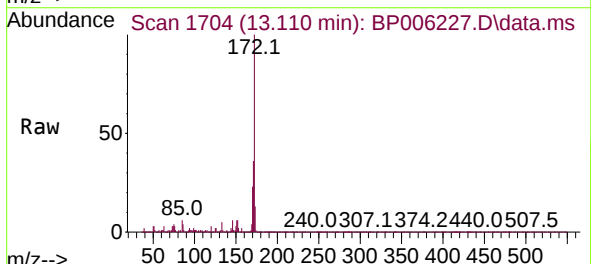
Instrument :
BNA_P
ClientSampleId :
ABN-JG-1

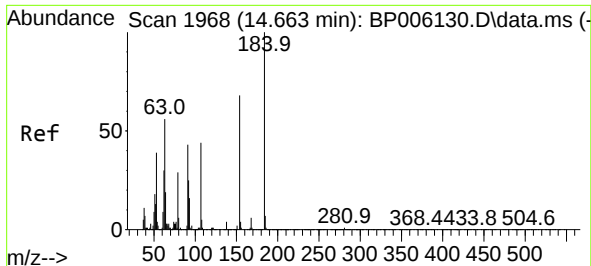
Tgt Ion:	330	Resp:	1649
Ion Ratio	Lower	Upper	
330	100		
332	93.0	77.8	116.8
141	32.6	25.4	38.2



#45
2-Fluorobiphenyl
Concen: 40.50 ng
RT: 13.110 min Scan# 1704
Delta R.T. -0.012 min
Lab File: BP006227.D
Acq: 14 Jul 2021 20:09

Tgt Ion:	172	Resp:	1681375
Ion Ratio	Lower	Upper	
172	100		
171	35.8	27.9	41.9
170	23.2	18.6	27.8

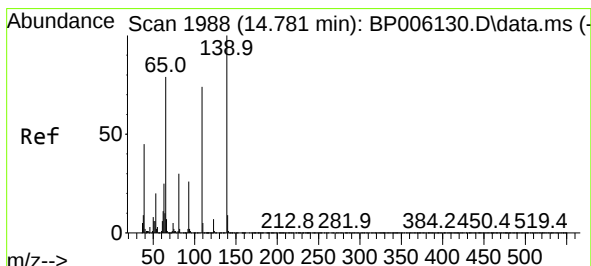
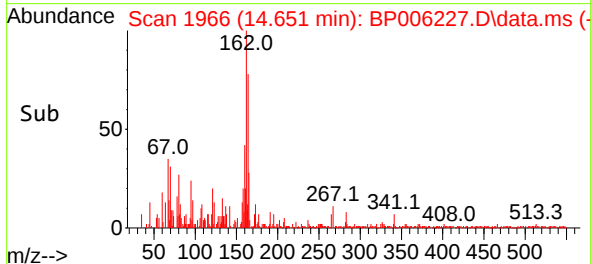
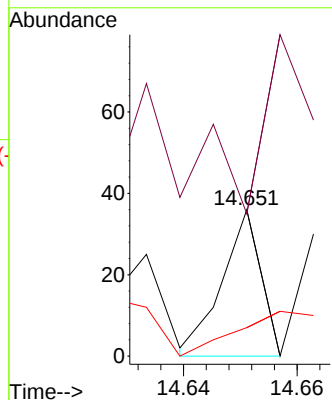
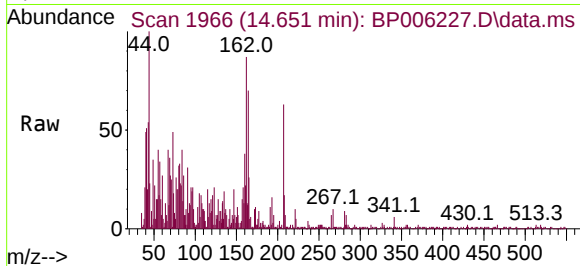




#54
2,4-Dinitrophenol
Concen: 8.88 ng
RT: 14.651 min Scan# 1966
Delta R.T. -0.006 min
Lab File: BP006227.D
Acq: 14 Jul 2021 20:09

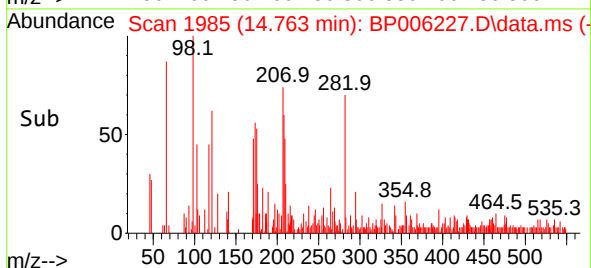
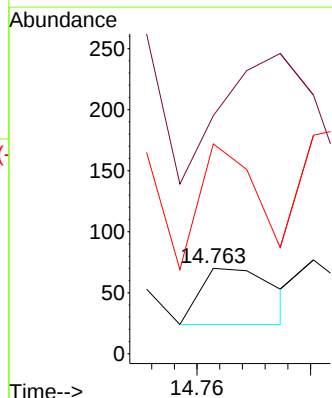
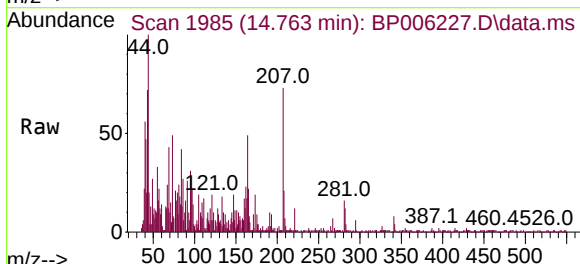
Instrument :
BNA_P
ClientSampled :
ABN-JG-1

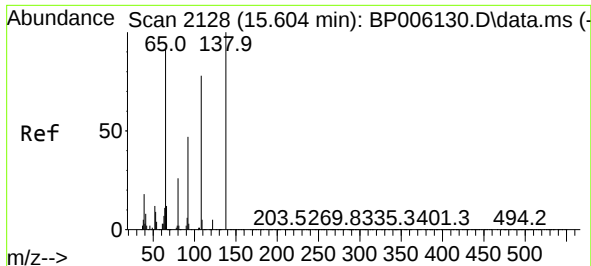
Tgt Ion:184 Resp: 17
Ion Ratio Lower Upper
184 100
63 97.2 47.0 70.6#
154 19.4 52.3 78.5#



#56
4-Nitrophenol
Concen: 7.13 ng
RT: 14.763 min Scan# 1985
Delta R.T. -0.006 min
Lab File: BP006227.D
Acq: 14 Jul 2021 20:09

Tgt Ion:139 Resp: 42
Ion Ratio Lower Upper
139 100
109 278.6 72.3 112.3#
65 245.7 72.5 112.5#

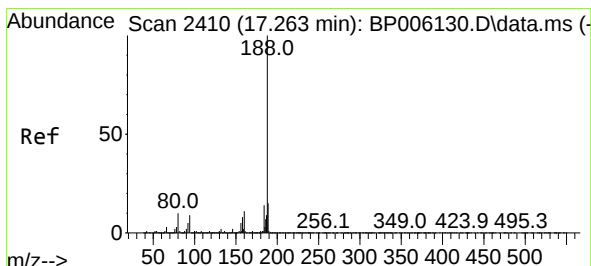
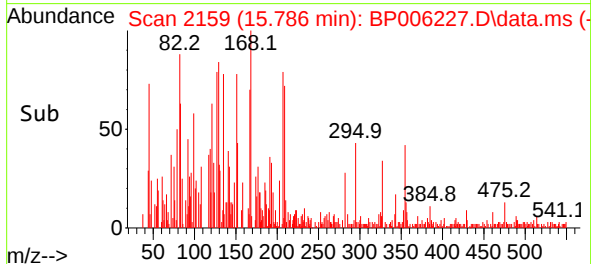
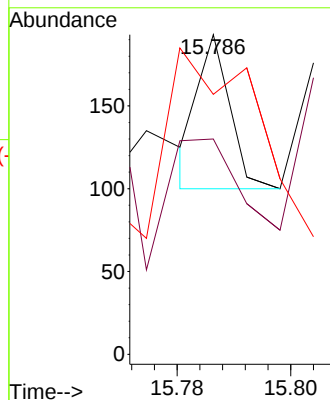
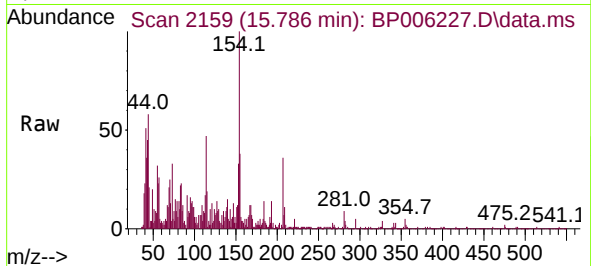




#62
4-Nitroaniline
Concen: 2.96 ng
RT: 15.786 min Scan# 2159
Delta R.T. 0.194 min
Lab File: BP006227.D
Acq: 14 Jul 2021 20:09

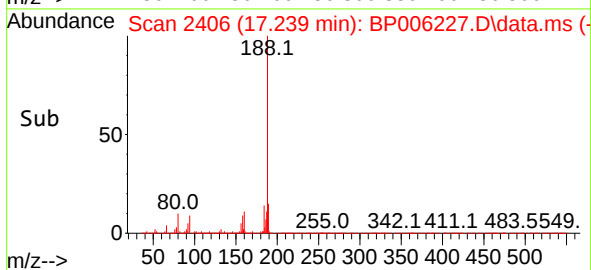
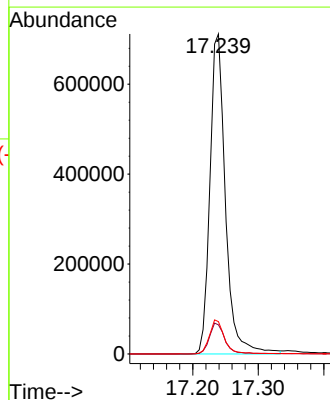
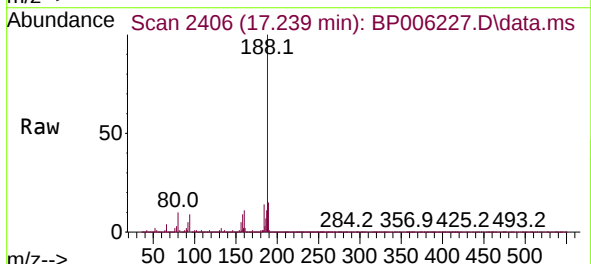
Instrument :
BNA_P
ClientSampleId :
ABN-JG-1

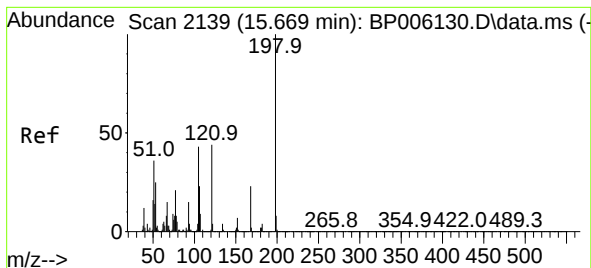
Tgt Ion:	138	Resp:	35
Ion	Ratio	Lower	Upper
138	100		
92	67.4	31.2	71.2
108	81.3	78.6	118.6



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.239 min Scan# 2406
Delta R.T. -0.012 min
Lab File: BP006227.D
Acq: 14 Jul 2021 20:09

Tgt Ion:	188	Resp:	1171444
Ion	Ratio	Lower	Upper
188	100		
94	9.1	5.6	8.4#
80	10.1	6.3	9.5#

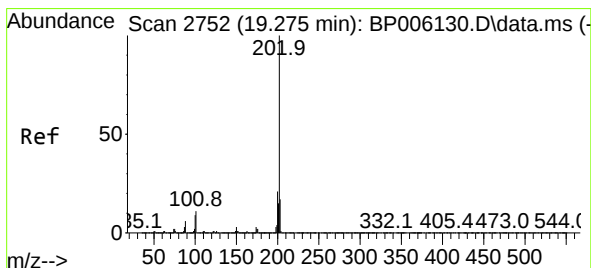
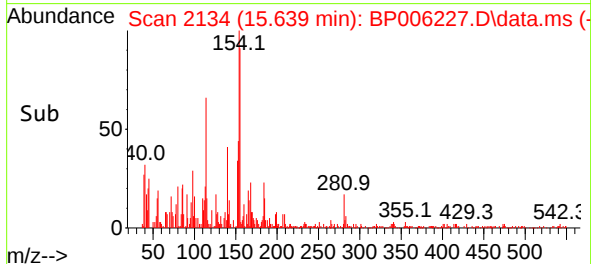
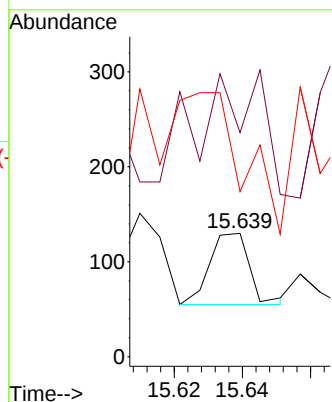
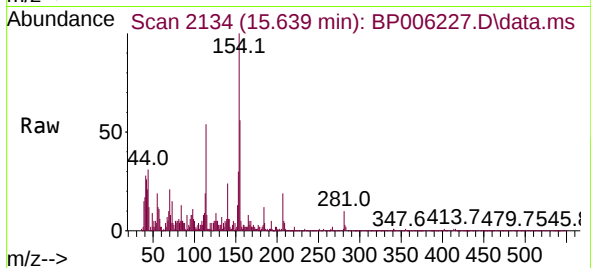




#65
4,6-Dinitro-2-methylphenol
Concen: 4.43 ng
RT: 15.639 min Scan# 2134
Delta R.T. -0.017 min
Lab File: BP006227.D
Acq: 14 Jul 2021 20:09

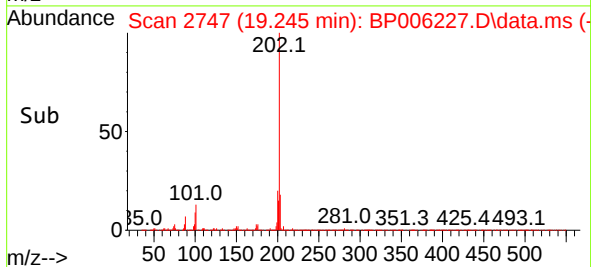
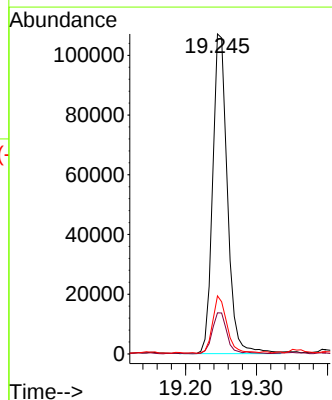
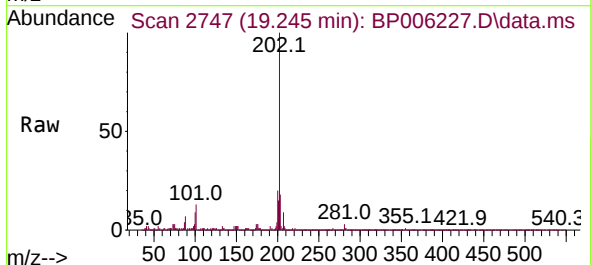
Instrument :
BNA_P
ClientSampled :
ABN-JG-1

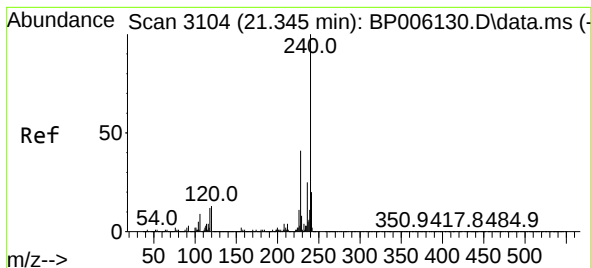
Tgt Ion:198 Resp: 61
Ion Ratio Lower Upper
198 100
51 181.5 14.0 54.0#
105 133.8 19.5 59.5#



#75
Fluoranthene
Concen: 2.13 ng
RT: 19.245 min Scan# 2747
Delta R.T. -0.012 min
Lab File: BP006227.D
Acq: 14 Jul 2021 20:09

Tgt Ion:202 Resp: 154122
Ion Ratio Lower Upper
202 100
101 12.9 0.0 27.6
203 18.2 0.0 37.8





#76

Chrysene-d12

Concen: 20.00 ng

RT: 21.315 min Scan# 3099

Delta R.T. -0.012 min

Lab File: BP006227.D

Acq: 14 Jul 2021 20:09

Tgt Ion:240 Resp: 1086688

Ion Ratio Lower Upper

240 100

120 13.5 6.5 9.7#

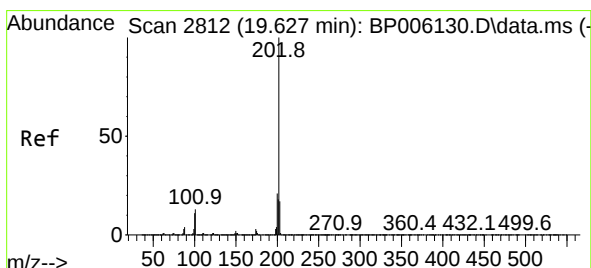
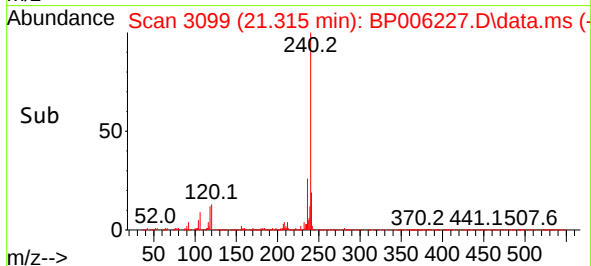
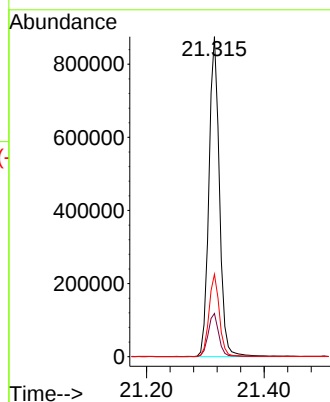
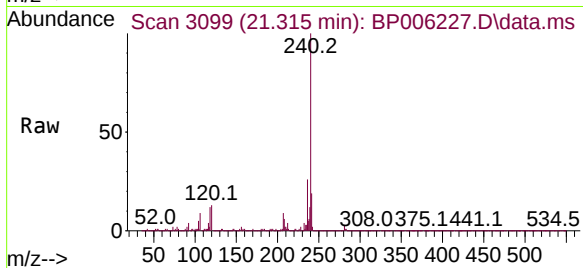
236 25.8 20.6 31.0

Instrument :

BNA_P

ClientSampleId :

ABN-JG-1



#78

Pyrene

Concen: 2.01 ng

RT: 19.598 min Scan# 2807

Delta R.T. -0.012 min

Lab File: BP006227.D

Acq: 14 Jul 2021 20:09

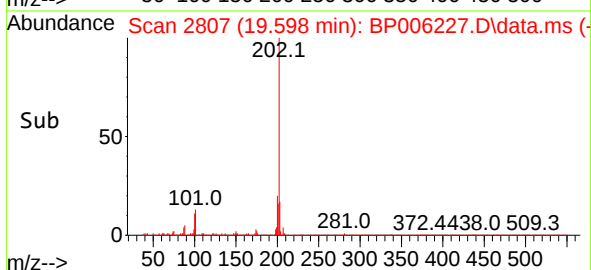
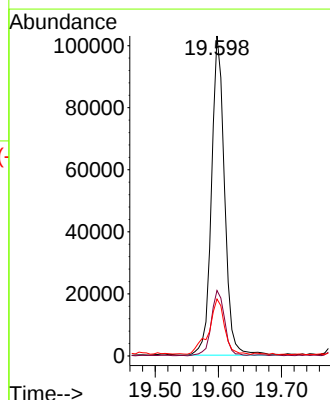
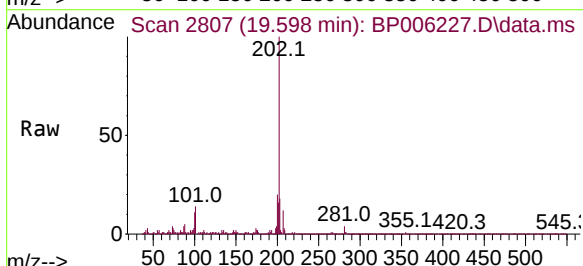
Tgt Ion:202 Resp: 147566

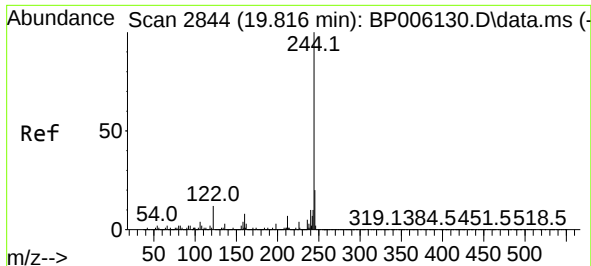
Ion Ratio Lower Upper

202 100

200 20.4 16.3 24.5

203 17.8 14.2 21.2

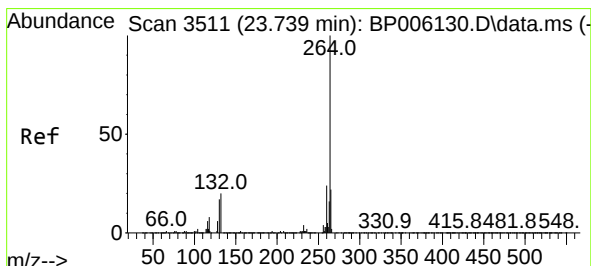
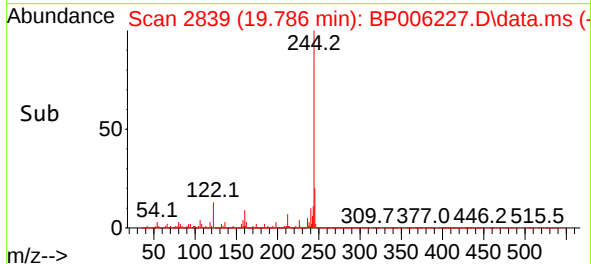
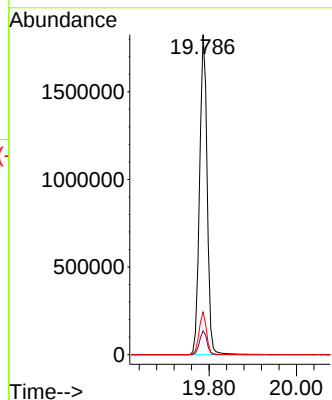
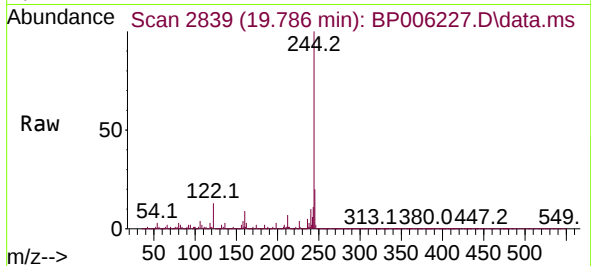




#79
Terphenyl-d14
Concen: 39.89 ng
RT: 19.786 min Scan# 2839
Delta R.T. -0.017 min
Lab File: BP006227.D
Acq: 14 Jul 2021 20:09

Instrument :
BNA_P
ClientSampleId :
ABN-JG-1

Tgt Ion:244 Resp: 2198333
Ion Ratio Lower Upper
244 100
212 7.5 6.0 9.0
122 13.3 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: BP006227.D
Acq: 14 Jul 2021 20:09

Tgt Ion:264 Resp: 1118777
Ion Ratio Lower Upper
264 100
260 24.2 18.6 28.0
265 22.6 17.6 26.4

