

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112020\
 Data File : BP004033.D
 Acq On : 20 Nov 2020 20:16
 Operator : CG/JU
 Sample : L4778-11 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 1814

Quant Time: Nov 23 04:04:46 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP110320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 23 03:48:44 2020
 Response via : Initial Calibration

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

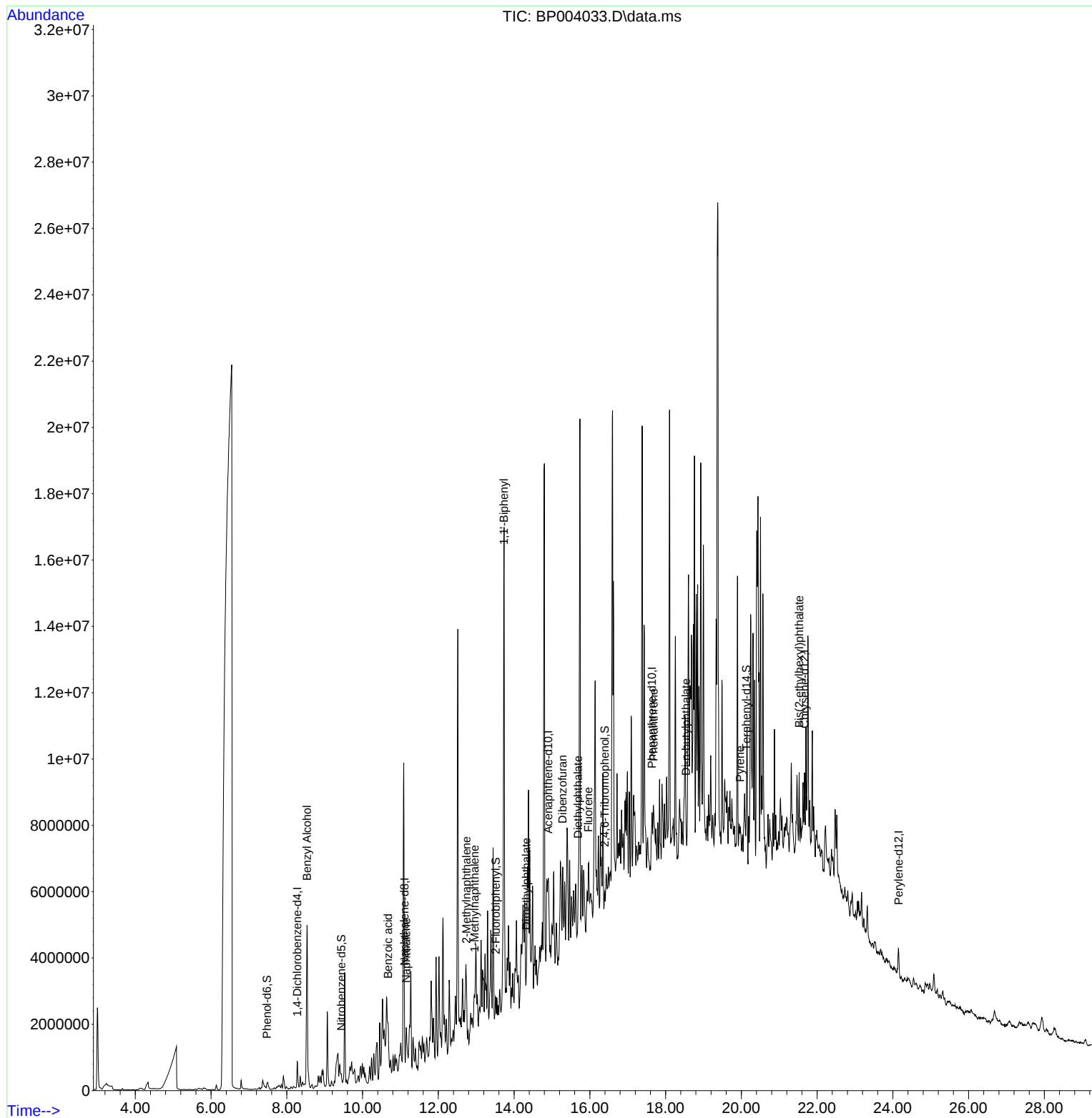
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.275	152	132122	20.00	ng	-0.02
21) Naphthalene-d8	11.104	136	476703	20.00	ng	#-0.02
39) Acenaphthene-d10	14.904	164	276192	20.00	ng	# 0.00
64) Phenanthrene-d10	17.639	188	560291	20.00	ng	# 0.00
76) Chrysene-d12	21.669	240	559740	20.00	ng	# 0.02
86) Perylene-d12	24.151	264	604778	20.00	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.805	112	5515	0.70	ng	0.00
7) Phenol-d6	7.475	99	92361	8.13	ng	0.02
23) Nitrobenzene-d5	9.440	82	104506	10.74	ng	-0.02
42) 2,4,6-Tribromophenol	16.392	330	58627	16.97	ng	0.00
45) 2-Fluorobiphenyl	13.516	172	229248	11.60	ng	-0.02
79) Terphenyl-d14	20.133	244	314967	10.87	ng	0.01
Target Compounds						
						Qvalue
15) Benzyl Alcohol	8.534	79	1903887	241.89	ng	# 87
31) Naphthalene	11.151	128	300180	11.73	ng	# 93
32) Benzoic acid	10.675	122	1765274	338.33	ng	# 49
37) 2-Methylnaphthalene	12.745	142	617809	33.75	ng	# 96
38) 1-Methylnaphthalene	12.957	142	362389	20.75	ng	# 99
46) 1,1'-Biphenyl	13.728	154	143407	6.69	ng	94
50) Dimethylphthalate	14.322	163	58514	2.71	ng	# 45
55) Dibenzofuran	15.281	168	54861	2.15	ng	# 11
58) Fluorene	15.957	166	54222	2.65	ng	# 1
60) Diethylphthalate	15.692	149	67563	3.20	ng	# 55
71) Phenanthrene	17.680	178	117665	3.74	ng	# 66
74) Di-n-butylphthalate	18.539	149	111756	3.43	ng	# 64
78) Pyrene	19.969	202	136677	3.60	ng	# 81
84) Bis(2-ethylhexyl)phtha...	21.527	149	747017	35.81	ng	96

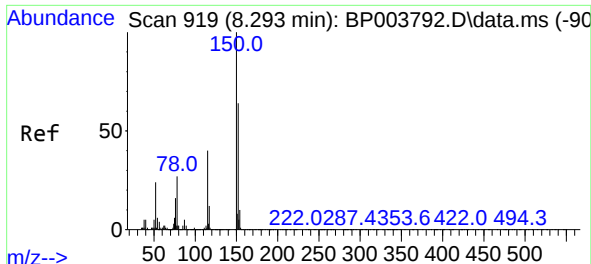
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Nov 23 03:48:44 2020
Response via : Initial Calibration

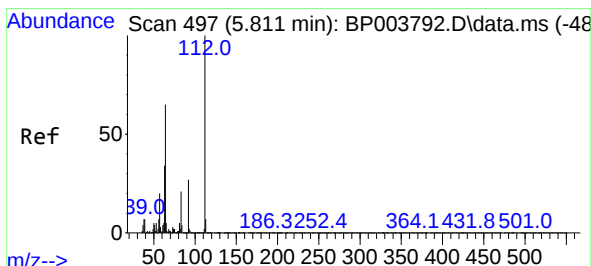
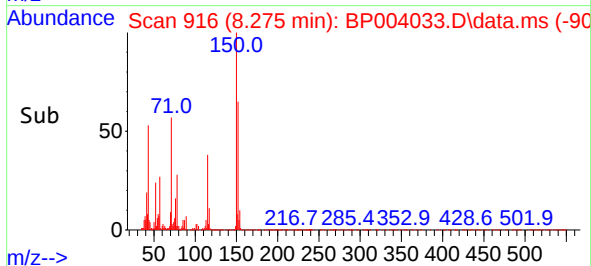
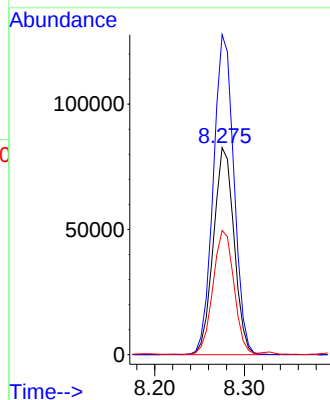
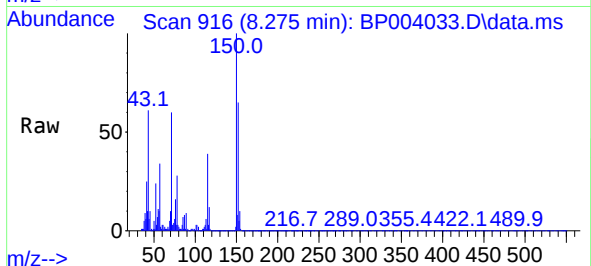




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.275 min Scan# 916
Delta R.T. -0.018 min
Lab File: BP004033.D
Acq: 20 Nov 2020 20:16

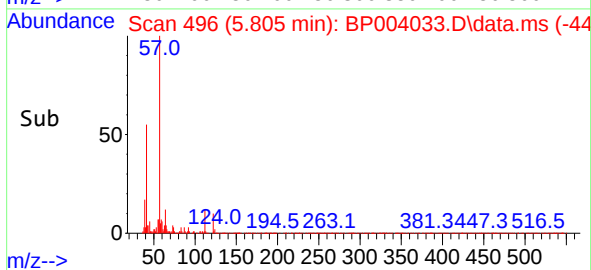
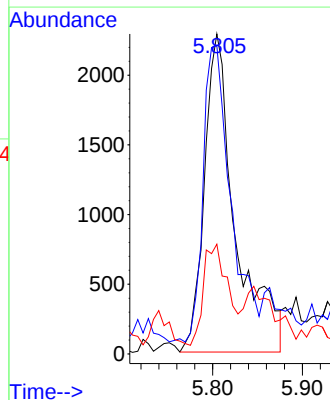
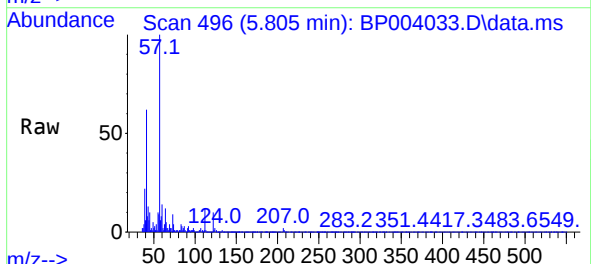
Instrument :
BNA_P
ClientSampled :
1814

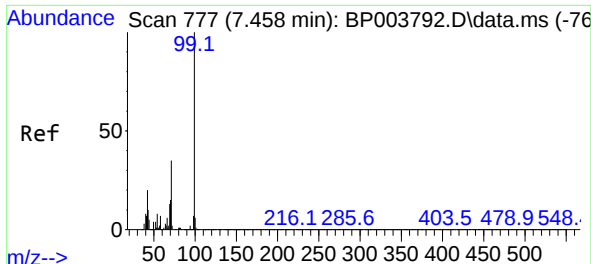
Tgt Ion:152 Resp: 132122
Ion Ratio Lower Upper
152 100
150 154.6 123.8 185.6
115 59.9 43.8 65.6



#5
2-Fluorophenol
Concen: 0.70 ng
RT: 5.805 min Scan# 496
Delta R.T. -0.006 min
Lab File: BP004033.D
Acq: 20 Nov 2020 20:16

Tgt Ion:112 Resp: 5515
Ion Ratio Lower Upper
112 100
64 96.3 32.8 49.2#
63 34.3 17.0 25.4#

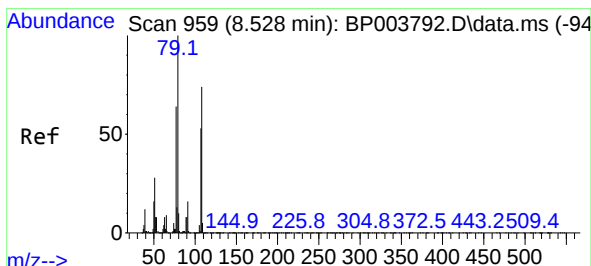
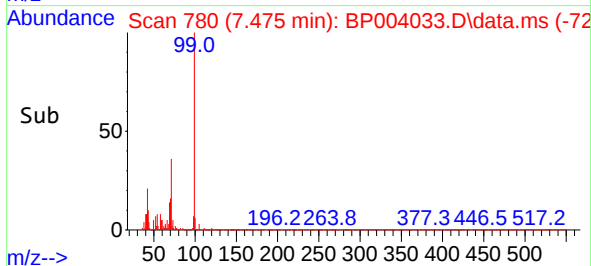
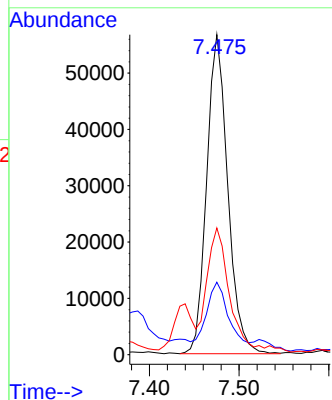
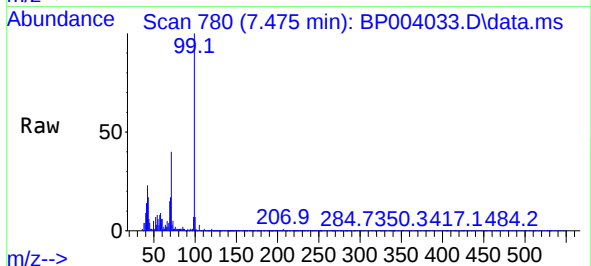




#7
Phenol-d6
Concen: 8.13 ng
RT: 7.475 min Scan# 780
Delta R.T. 0.017 min
Lab File: BP004033.D
Acq: 20 Nov 2020 20:16

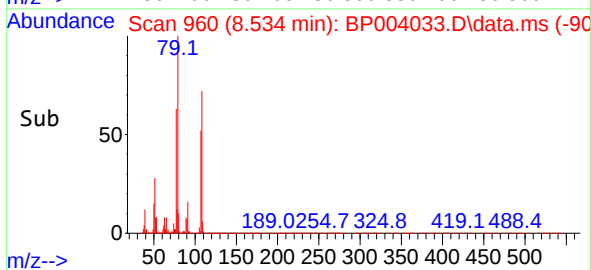
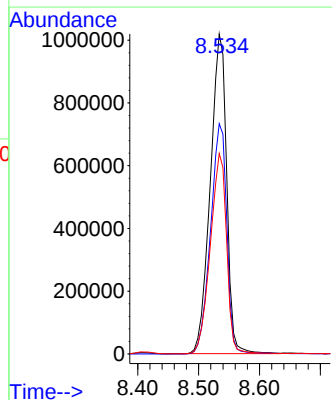
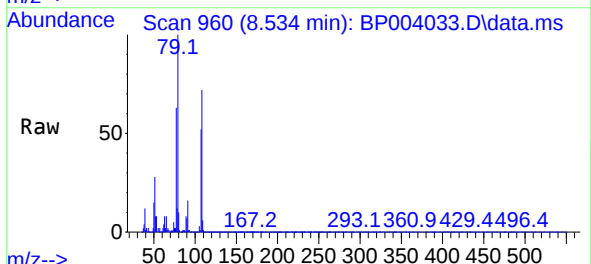
Instrument :
BNA_P
ClientSampleId :
1814

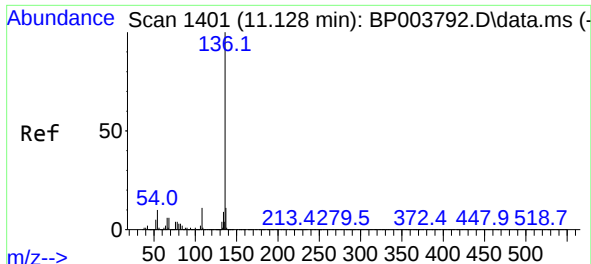
Tgt Ion: 99 Resp: 92361
Ion Ratio Lower Upper
99 100
42 22.6 8.6 13.0#
71 39.6 23.4 35.2#



#15
Benzyl Alcohol
Concen: 241.89 ng
RT: 8.534 min Scan# 960
Delta R.T. 0.006 min
Lab File: BP004033.D
Acq: 20 Nov 2020 20:16

Tgt Ion: 79 Resp: 1903887
Ion Ratio Lower Upper
79 100
108 72.0 73.5 110.3#
77 62.6 50.3 75.5

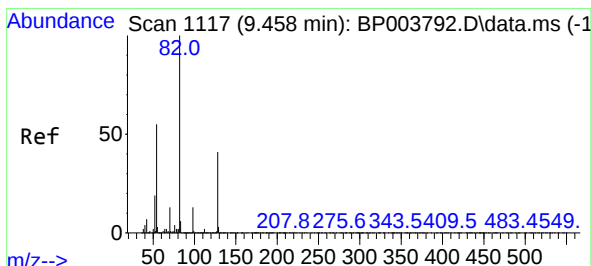
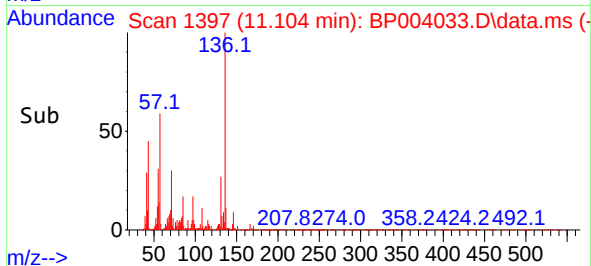
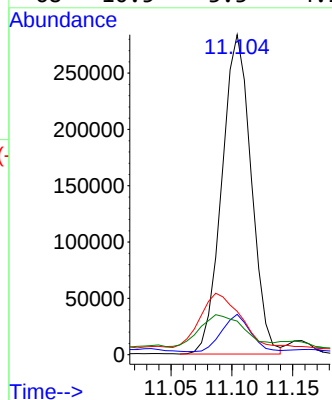
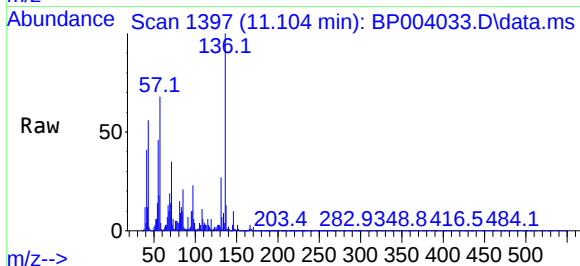




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.104 min Scan# 1397
Delta R.T. -0.024 min
Lab File: BP004033.D
Acq: 20 Nov 2020 20:16

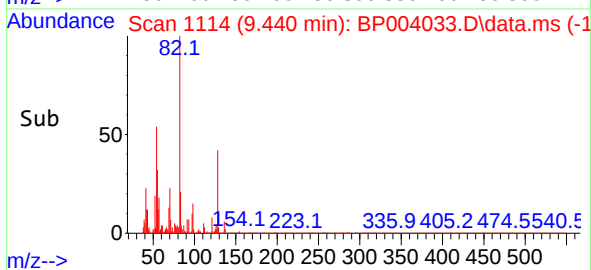
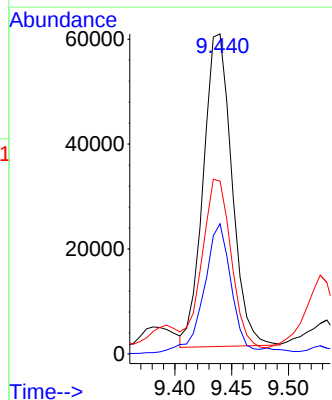
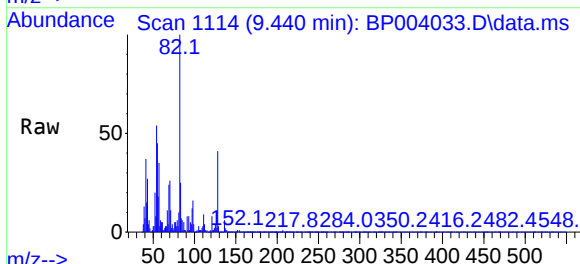
Instrument :
BNA_P
ClientSampled :
1814

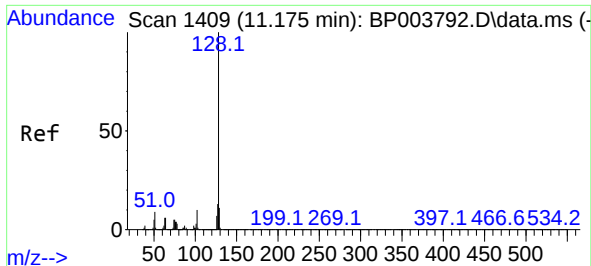
Tgt Ion:	136	Resp:	476703
Ion Ratio	Lower	Upper	
136	100		
137	12.6	8.6	13.0
54	13.5	3.6	5.4#
68	10.5	3.3	4.9#



#23
Nitrobenzene-d5
Concen: 10.74 ng
RT: 9.440 min Scan# 1114
Delta R.T. -0.018 min
Lab File: BP004033.D
Acq: 20 Nov 2020 20:16

Tgt Ion:	82	Resp:	104506
Ion Ratio	Lower	Upper	
82	100		
128	40.7	45.6	68.4#
54	54.0	30.1	45.1#

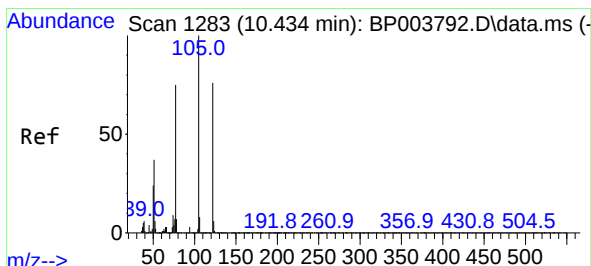
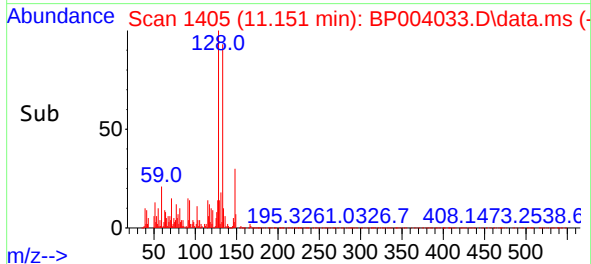
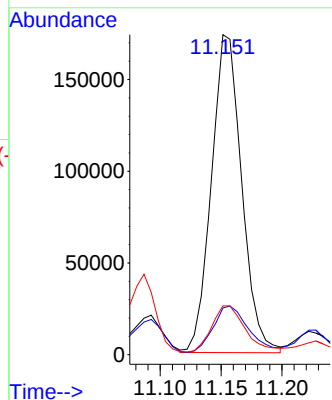
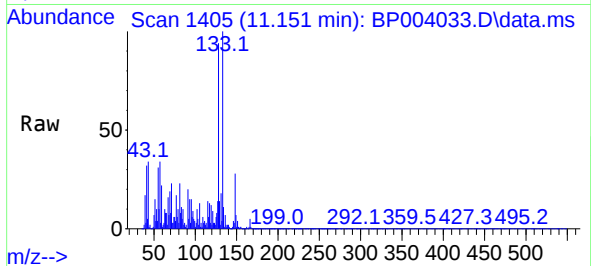




#31
Naphthalene
Concen: 11.73 ng
RT: 11.151 min Scan# 1405
Delta R.T. -0.024 min
Lab File: BP004033.D
Acq: 20 Nov 2020 20:16

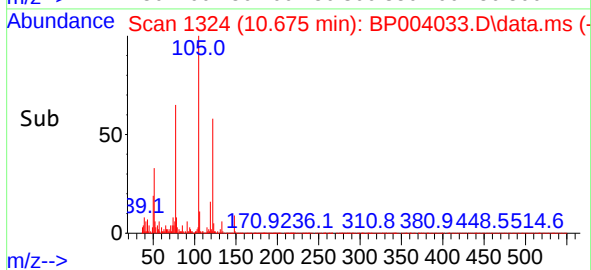
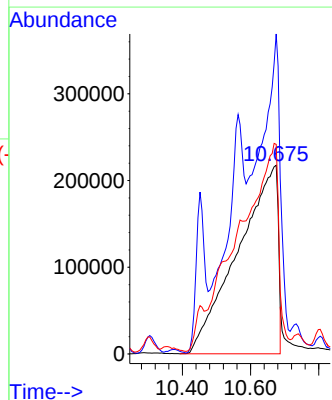
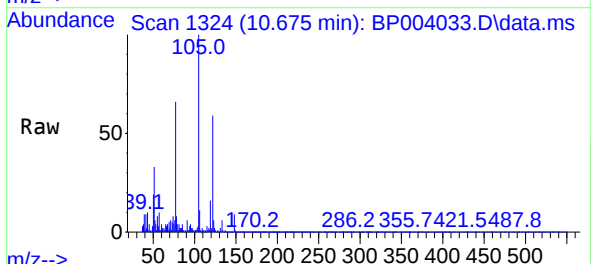
Instrument :
BNA_P
ClientSampled :
1814

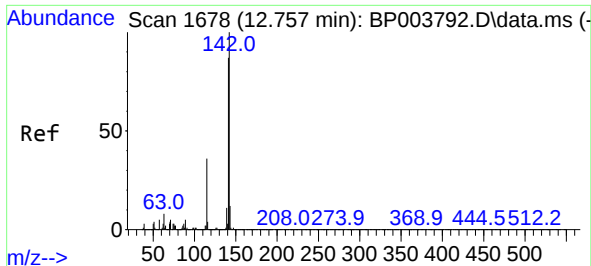
Tgt Ion:128 Resp: 300180
Ion Ratio Lower Upper
128 100
129 14.6 8.8 13.2#
127 15.2 10.6 15.8



#32
Benzoic acid
Concen: 338.33 ng
RT: 10.675 min Scan# 1324
Delta R.T. 0.241 min
Lab File: BP004033.D
Acq: 20 Nov 2020 20:16

Tgt Ion:122 Resp: 1765274
Ion Ratio Lower Upper
122 100
105 169.6 94.1 134.1#
77 111.2 50.1 90.1#

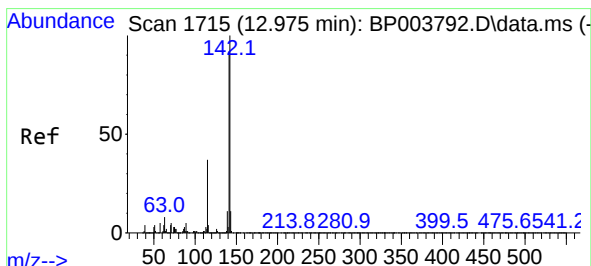
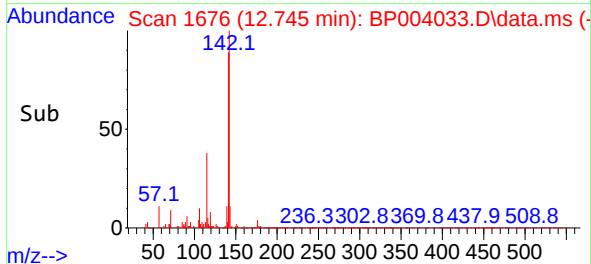
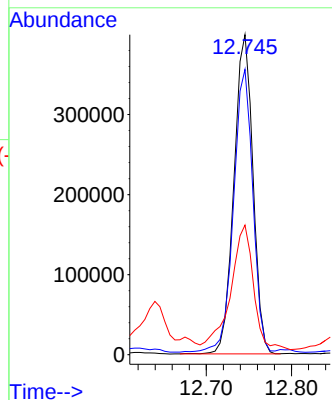
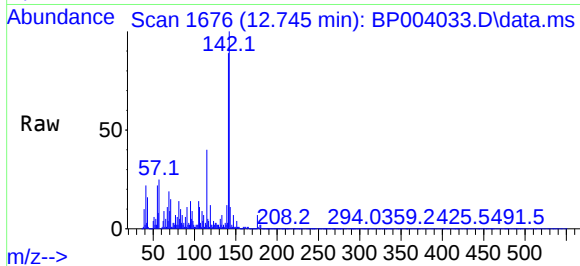




#37
2-Methylnaphthalene
Concen: 33.75 ng
RT: 12.745 min Scan# 1676
Delta R.T. -0.012 min
Lab File: BP004033.D
Acq: 20 Nov 2020 20:16

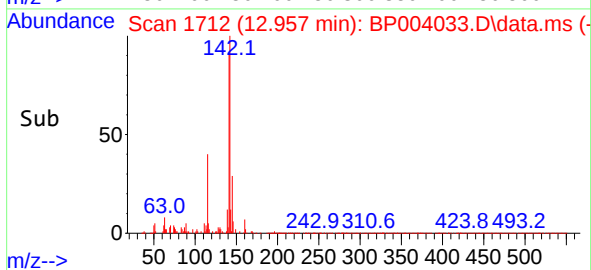
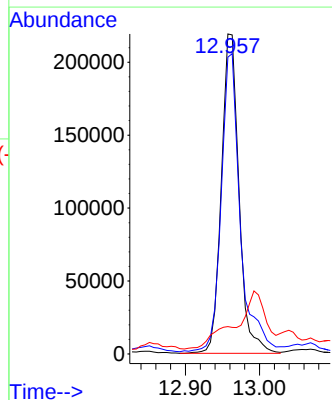
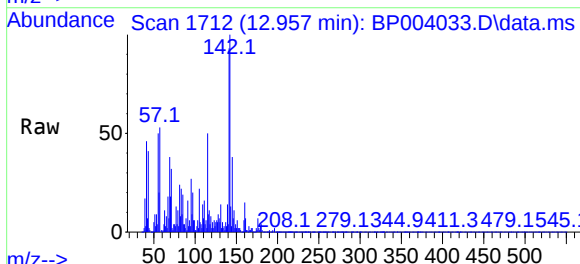
Instrument :
BNA_P
ClientSampled :
1814

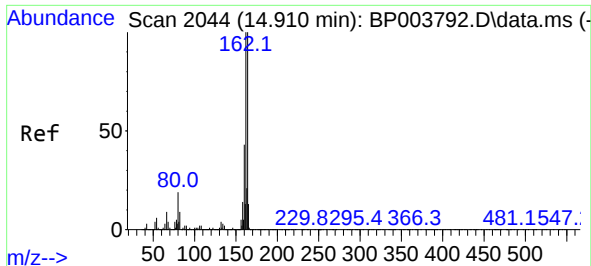
Tgt Ion:142 Resp: 617809
Ion Ratio Lower Upper
142 100
141 89.2 71.4 107.2
115 40.5 25.8 38.6#



#38
1-Methylnaphthalene
Concen: 20.75 ng
RT: 12.957 min Scan# 1712
Delta R.T. -0.018 min
Lab File: BP004033.D
Acq: 20 Nov 2020 20:16

Tgt Ion:142 Resp: 362389
Ion Ratio Lower Upper
142 100
141 92.7 74.4 111.6
116 8.6 2.9 4.3#

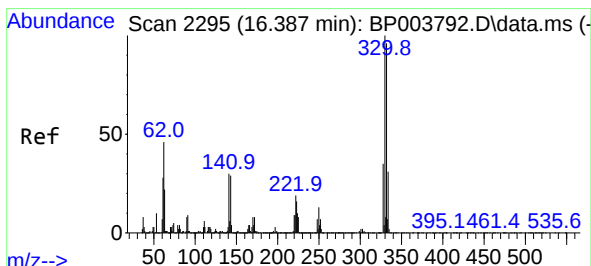
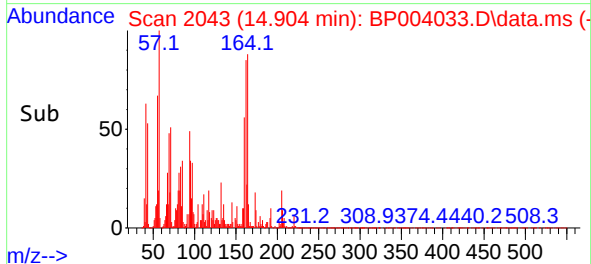
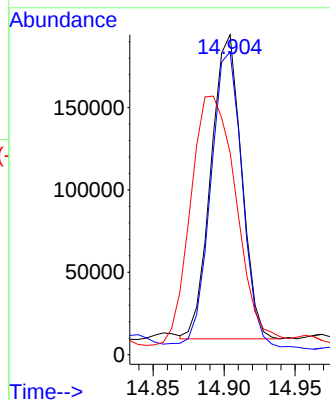
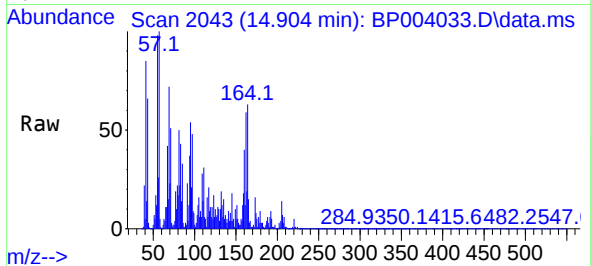




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.904 min Scan# 2043
Delta R.T. -0.006 min
Lab File: BP004033.D
Acq: 20 Nov 2020 20:16

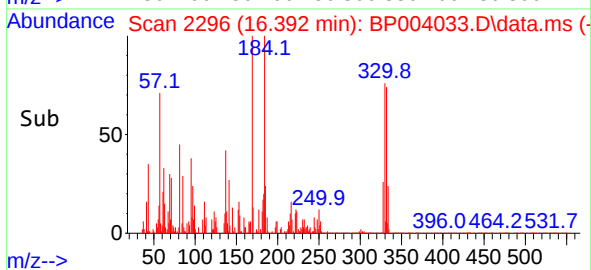
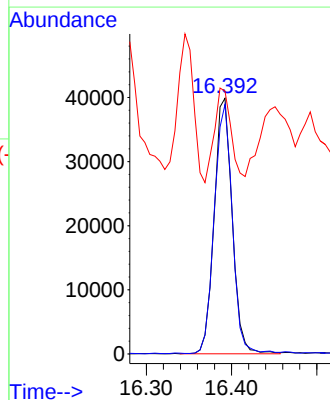
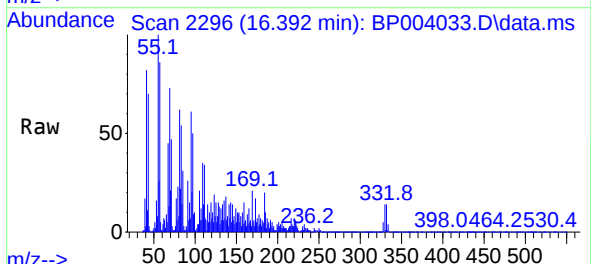
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ClientSampled :
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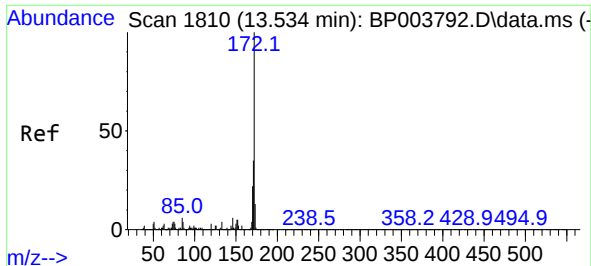
Tgt Ion:164 Resp: 276192
Ion Ratio Lower Upper
164 100
162 94.7 79.4 119.2
160 63.2 36.1 54.1#



#42
2,4,6-Tribromophenol
Concen: 16.97 ng
RT: 16.392 min Scan# 2296
Delta R.T. 0.006 min
Lab File: BP004033.D
Acq: 20 Nov 2020 20:16

Tgt Ion:330 Resp: 58627
Ion Ratio Lower Upper
330 100
332 97.3 77.1 115.7
141 34.3 23.4 35.2

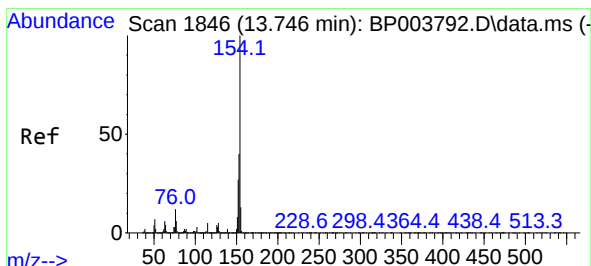
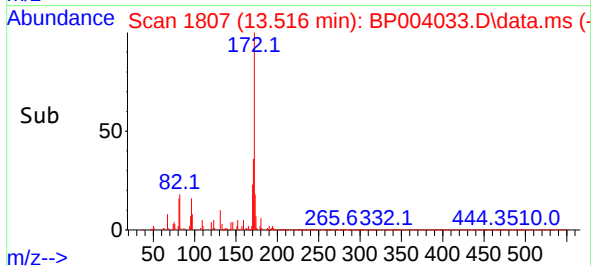
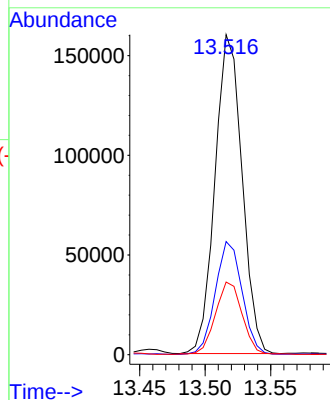
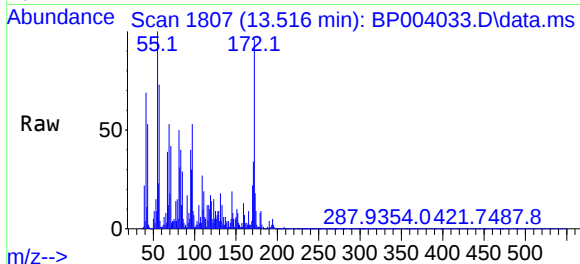




#45
2-Fluorobiphenyl
Concen: 11.60 ng
RT: 13.516 min Scan# 1807
Delta R.T. -0.018 min
Lab File: BP004033.D
Acq: 20 Nov 2020 20:16

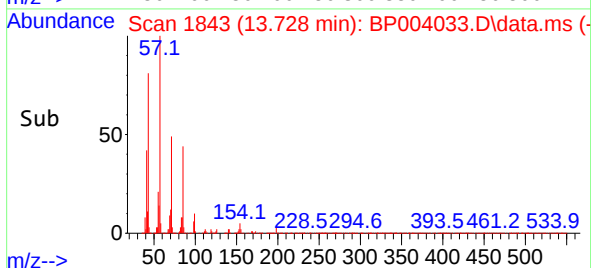
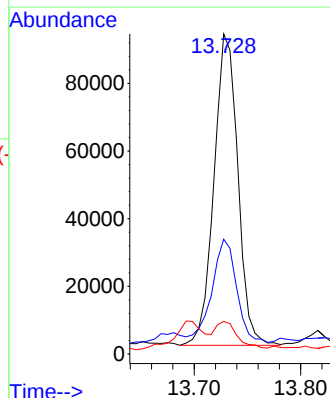
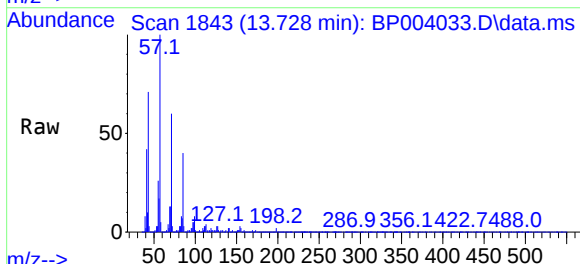
Instrument :
BNA_P
ClientSampled :
1814

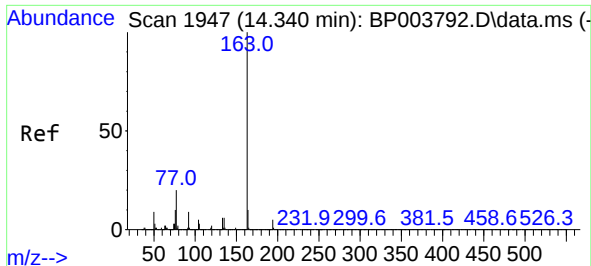
Tgt Ion:	172	Resp:	229248
Ion Ratio	Lower	Upper	
172	100		
171	35.4	28.5	42.7
170	22.7	19.2	28.8



#46
1,1'-Biphenyl
Concen: 6.69 ng
RT: 13.728 min Scan# 1843
Delta R.T. -0.018 min
Lab File: BP004033.D
Acq: 20 Nov 2020 20:16

Tgt Ion:	154	Resp:	143407
Ion Ratio	Lower	Upper	
154	100		
153	35.9	20.4	60.4
76	10.1	0.0	29.3

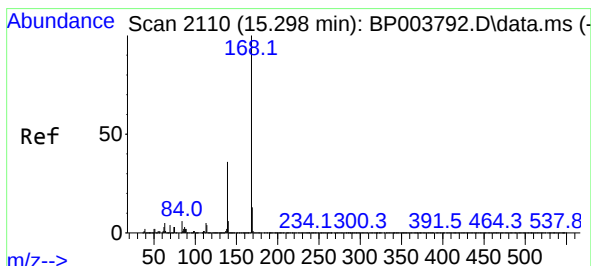
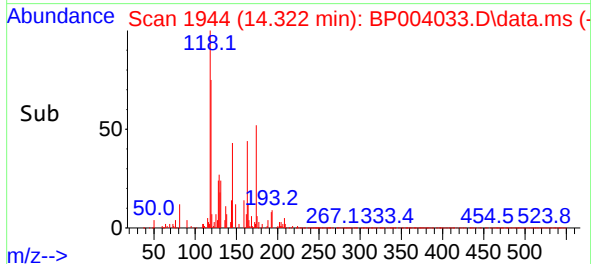
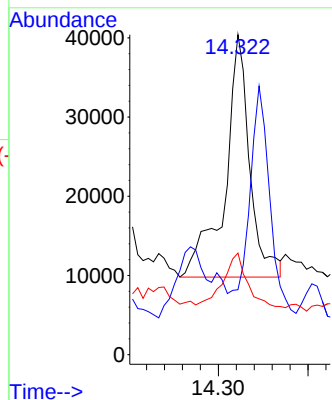
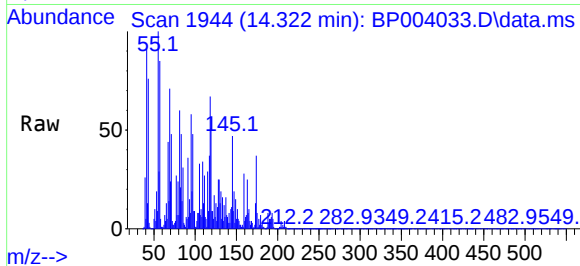




#50
Dimethylphthalate
Concen: 2.71 ng
RT: 14.322 min Scan# 1944
Delta R.T. -0.018 min
Lab File: BP004033.D
Acq: 20 Nov 2020 20:16

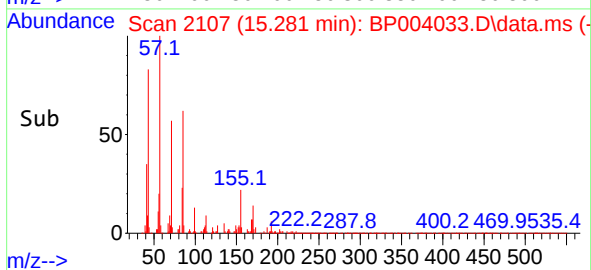
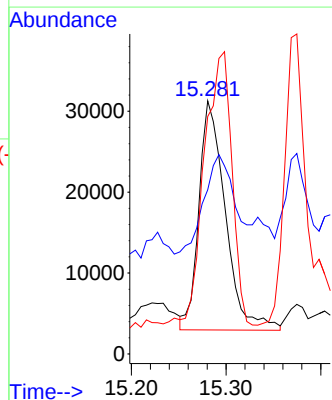
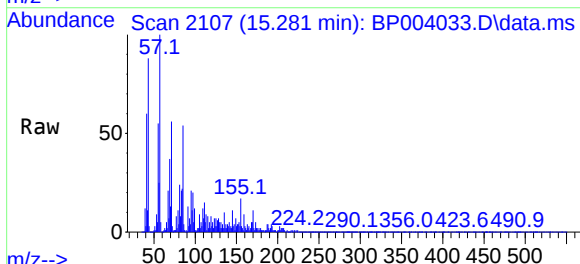
Instrument :
BNA_P
ClientSampled :
1814

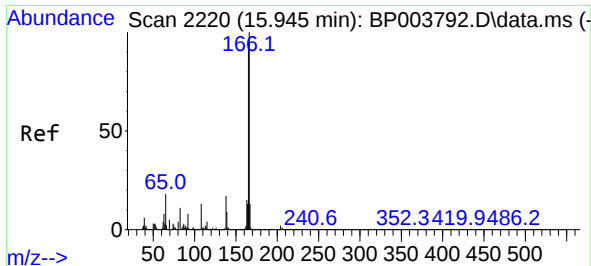
Tgt Ion:163 Resp: 58514
Ion Ratio Lower Upper
163 100
194 20.3 3.3 4.9#
164 31.8 8.2 12.2#



#55
Dibenzofuran
Concen: 2.15 ng
RT: 15.281 min Scan# 2107
Delta R.T. -0.018 min
Lab File: BP004033.D
Acq: 20 Nov 2020 20:16

Tgt Ion:168 Resp: 54861
Ion Ratio Lower Upper
168 100
139 64.8 29.1 43.7#
169 93.8 10.4 15.6#

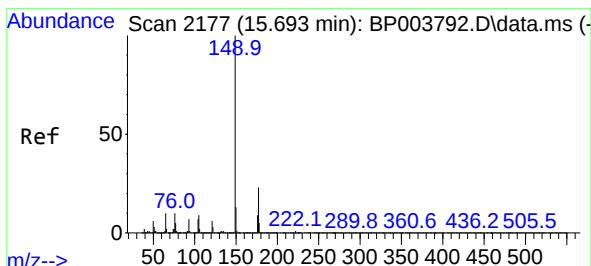
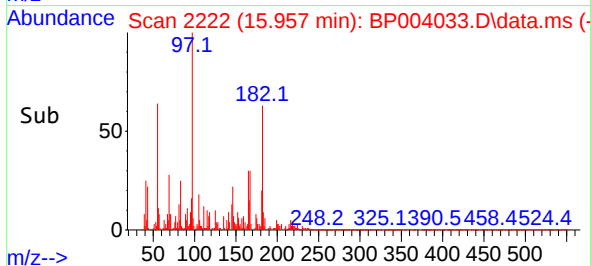
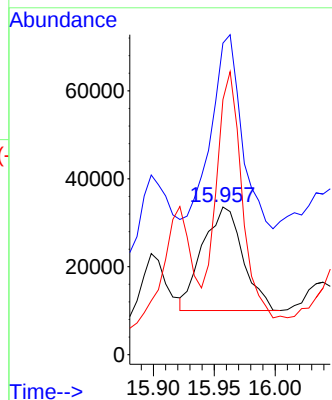
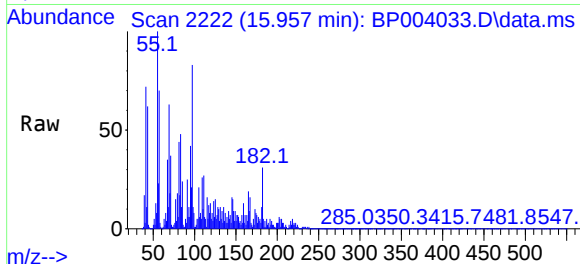




#58
Fluorene
Concen: 2.65 ng
RT: 15.957 min Scan# 2222
Delta R.T. 0.012 min
Lab File: BP004033.D
Acq: 20 Nov 2020 20:16

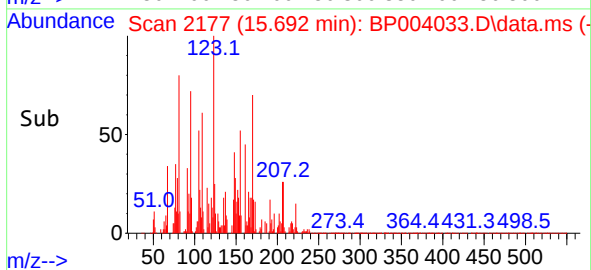
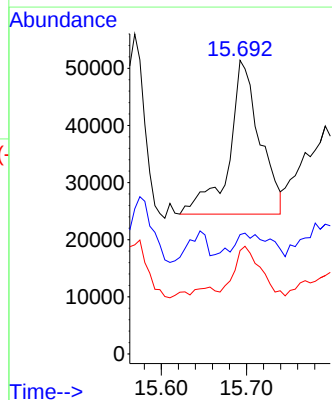
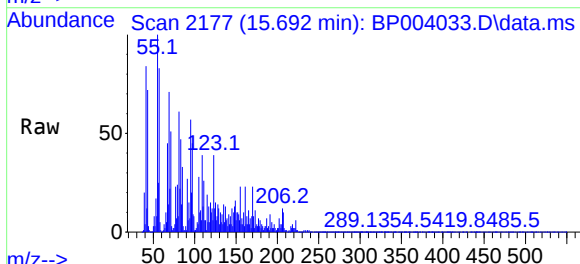
Instrument :
BNA_P
ClientSampled :
1814

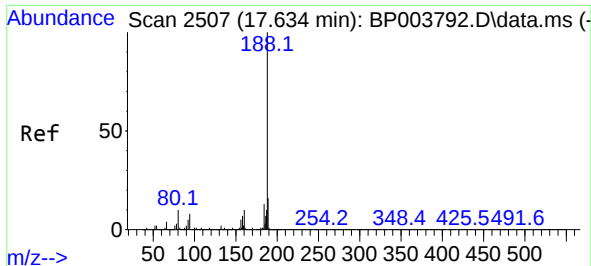
Tgt Ion:166 Resp: 54222
Ion Ratio Lower Upper
166 100
165 210.9 77.8 116.8#
167 172.7 11.0 16.4#



#60
Diethylphthalate
Concen: 3.20 ng
RT: 15.692 min Scan# 2177
Delta R.T. -0.000 min
Lab File: BP004033.D
Acq: 20 Nov 2020 20:16

Tgt Ion:149 Resp: 67563
Ion Ratio Lower Upper
149 100
177 40.7 18.0 27.0#
150 35.2 10.0 15.0#

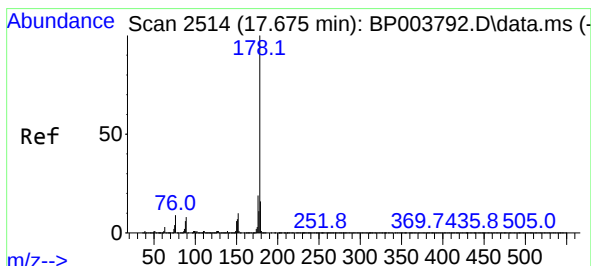
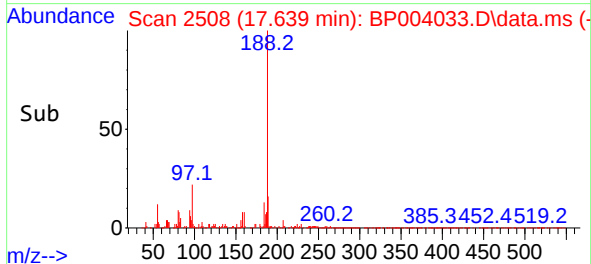
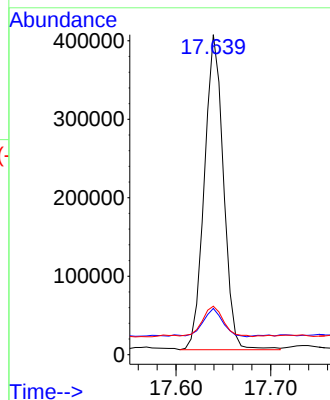
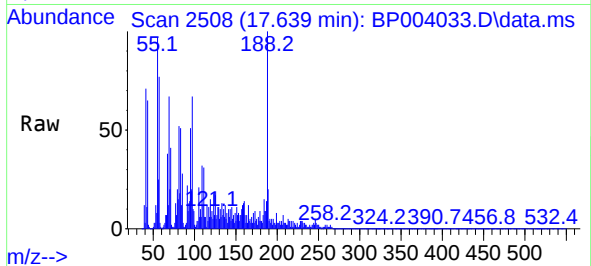




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.639 min Scan# 2508
Delta R.T. 0.006 min
Lab File: BP004033.D
Acq: 20 Nov 2020 20:16

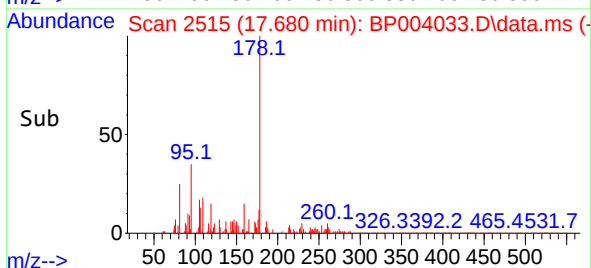
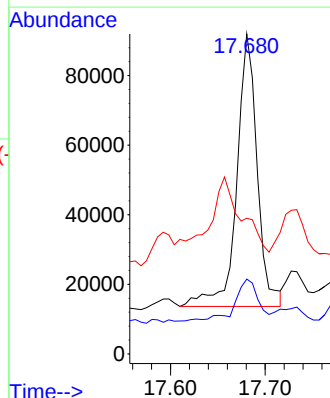
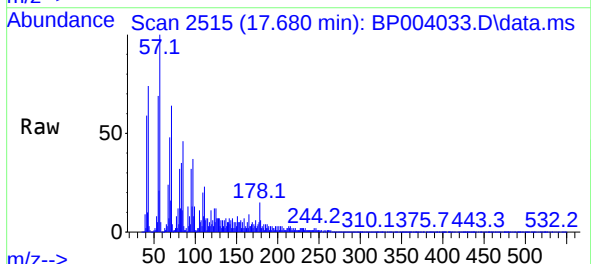
Instrument :
BNA_P
ClientSampled :
1814

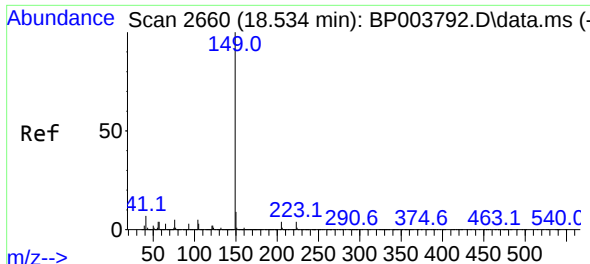
Tgt Ion:188 Resp: 560291
Ion Ratio Lower Upper
188 100
94 14.5 6.2 9.2#
80 15.1 6.2 9.2#



#71
Phenanthrene
Concen: 3.74 ng
RT: 17.680 min Scan# 2515
Delta R.T. 0.006 min
Lab File: BP004033.D
Acq: 20 Nov 2020 20:16

Tgt Ion:178 Resp: 117665
Ion Ratio Lower Upper
178 100
176 23.4 15.3 22.9#
179 42.4 12.5 18.7#

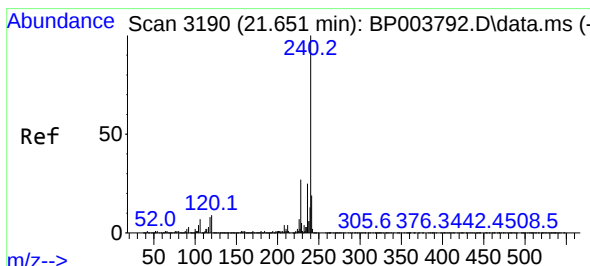
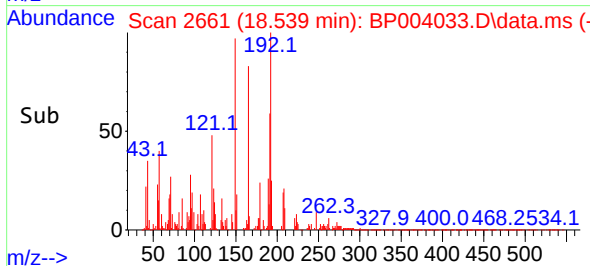
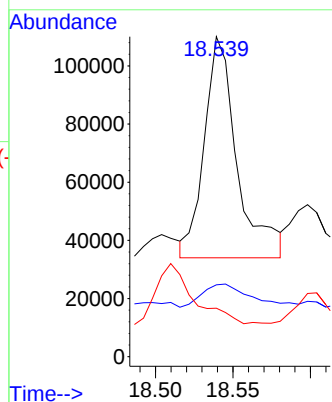
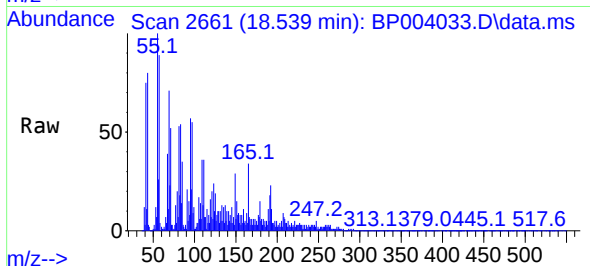




#74
Di-n-butylphthalate
Concen: 3.43 ng
RT: 18.539 min Scan# 2661
Delta R.T. 0.006 min
Lab File: BP004033.D
Acq: 20 Nov 2020 20:16

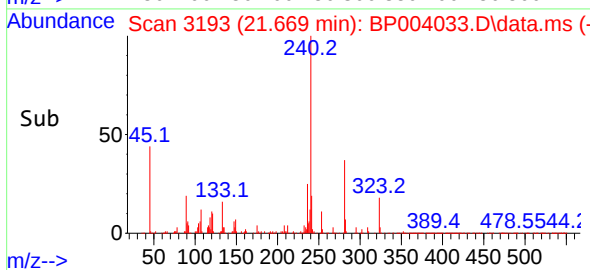
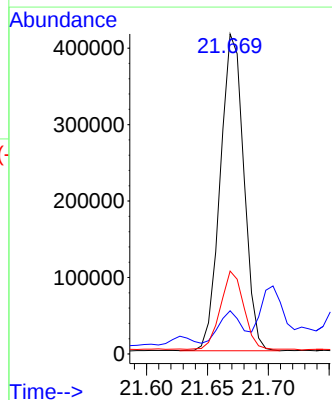
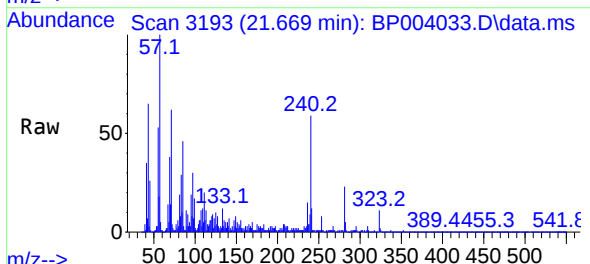
Instrument :
BNA_P
ClientSampled :
1814

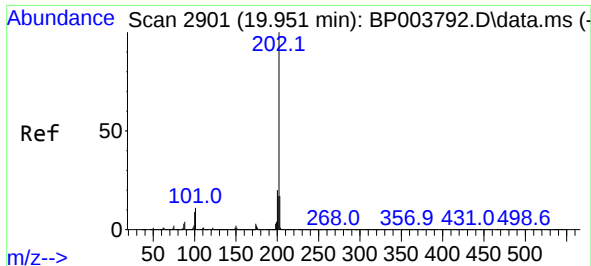
Tgt Ion:149 Resp: 111756
Ion Ratio Lower Upper
149 100
150 22.4 7.3 10.9#
104 15.2 3.4 5.0#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.669 min Scan# 3193
Delta R.T. 0.017 min
Lab File: BP004033.D
Acq: 20 Nov 2020 20:16

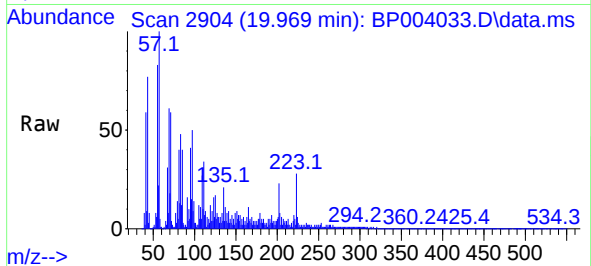
Tgt Ion:240 Resp: 559740
Ion Ratio Lower Upper
240 100
120 13.5 7.8 11.6#
236 25.9 20.8 31.2



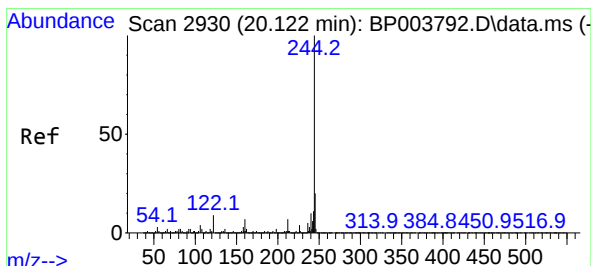
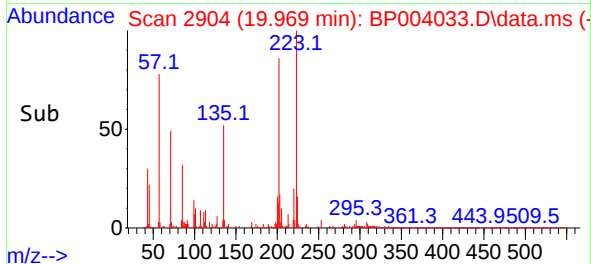
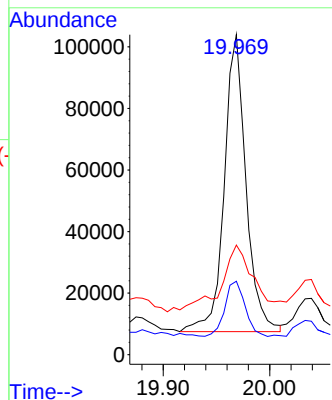


#78
Pyrene
Concen: 3.60 ng
RT: 19.969 min Scan# 2904
Delta R.T. 0.017 min
Lab File: BP004033.D
Acq: 20 Nov 2020 20:16

Instrument :
BNA_P
ClientSampled :
1814

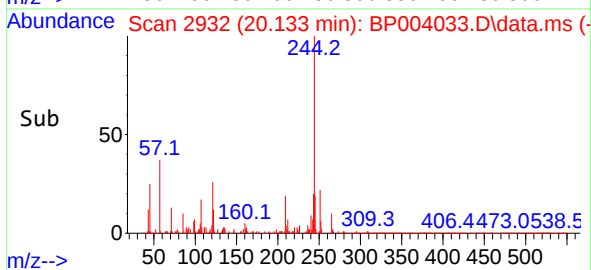
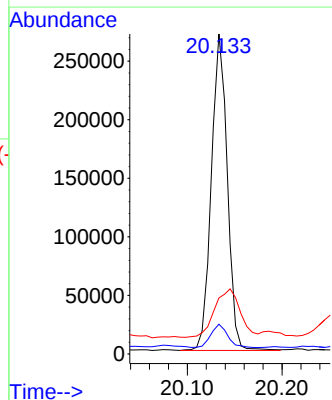
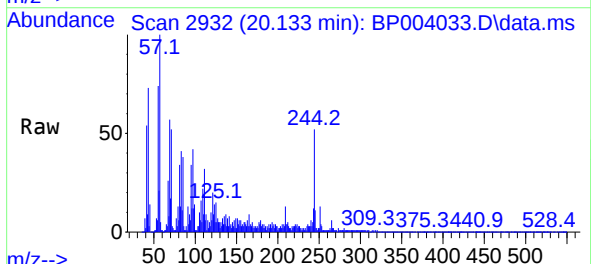


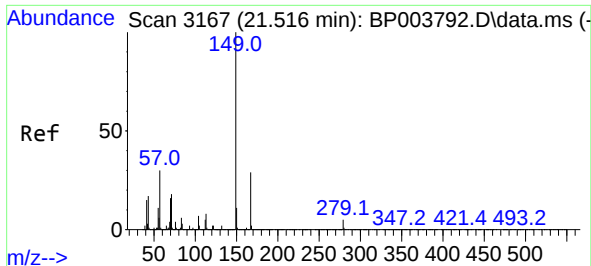
Tgt Ion:202 Resp: 136677
Ion Ratio Lower Upper
202 100
200 23.0 17.1 25.7
203 34.2 14.2 21.2#



#79
Terphenyl-d14
Concen: 10.87 ng
RT: 20.133 min Scan# 2932
Delta R.T. 0.012 min
Lab File: BP004033.D
Acq: 20 Nov 2020 20:16

Tgt Ion:244 Resp: 314967
Ion Ratio Lower Upper
244 100
212 9.3 5.8 8.6#
122 17.5 7.8 11.8#

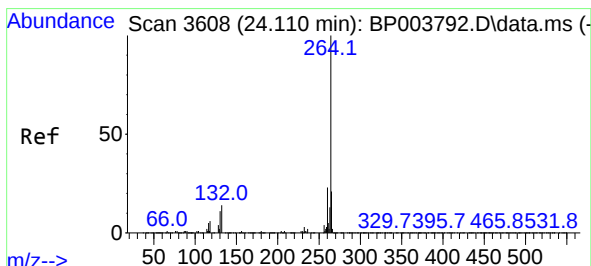
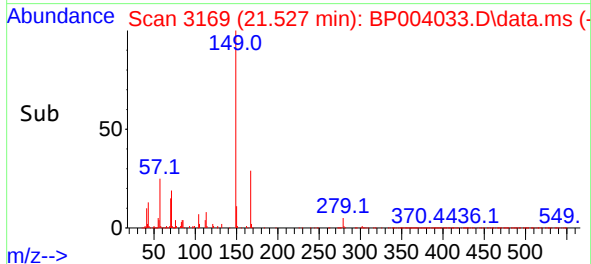
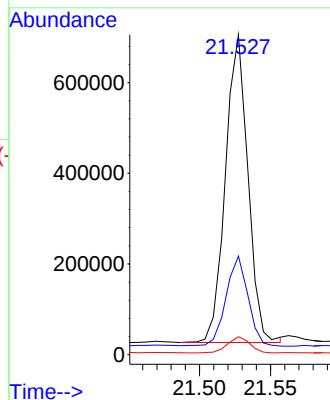
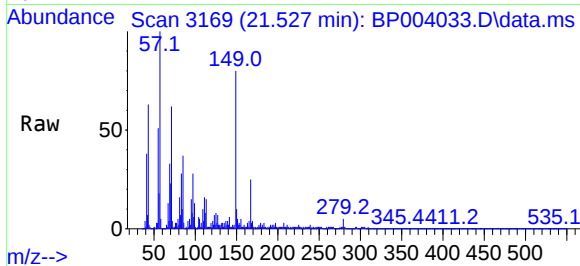




#84
Bis(2-ethylhexyl)phthalate
Concen: 35.81 ng
RT: 21.527 min Scan# 3169
Delta R.T. 0.012 min
Lab File: BP004033.D
Acq: 20 Nov 2020 20:16

Instrument :
BNA_P
ClientSampled :
1814

Tgt Ion:149 Resp: 747017
Ion Ratio Lower Upper
149 100
167 30.8 22.6 34.0
279 5.6 4.2 6.2



#86
Perylene-d12
Concen: 20.00 ng
RT: 24.151 min Scan# 3615
Delta R.T. 0.041 min
Lab File: BP004033.D
Acq: 20 Nov 2020 20:16

Tgt Ion:264 Resp: 604778
Ion Ratio Lower Upper
264 100
260 23.1 18.8 28.2
265 22.4 17.4 26.2

