

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112420\
 Data File : BP004076.D
 Acq On : 24 Nov 2020 15:11
 Operator : CG/JU
 Sample : L4874-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 72-11933

Quant Time: Nov 24 15:50:02 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 16:42:41 2020
 Response via : Initial Calibration

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

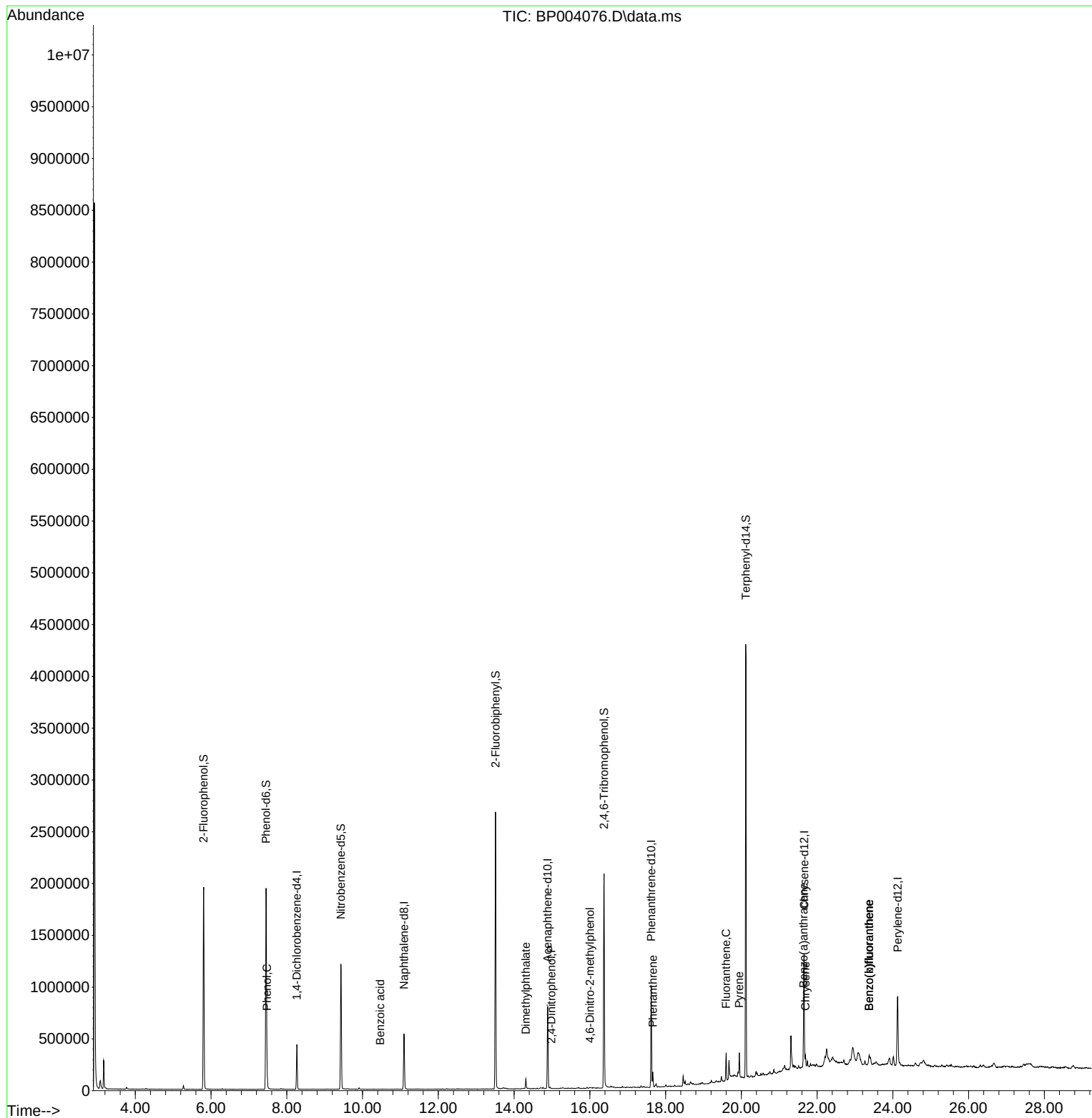
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.263	152	113747	20.00	ng	0.00
21) Naphthalene-d8	11.093	136	435198	20.00	ng	# 0.00
39) Acenaphthene-d10	14.887	164	270923	20.00	ng	0.00
64) Phenanthrene-d10	17.622	188	572854	20.00	ng	0.00
76) Chrysene-d12	21.657	240	527505	20.00	ng	0.00
86) Perylene-d12	24.127	264	539771	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.805	112	828088	121.50	ng	0.00
7) Phenol-d6	7.452	99	1067431	109.11	ng	0.00
23) Nitrobenzene-d5	9.428	82	677635	76.26	ng	0.00
42) 2,4,6-Tribromophenol	16.375	330	406572	119.98	ng	0.00
45) 2-Fluorobiphenyl	13.510	172	1382127	71.32	ng	0.00
79) Terphenyl-d14	20.116	244	1786855	65.44	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.369	77	133	Below Cal	#	34
10) Phenol	7.475	94	73679	7.80 ng		76
32) Benzoic acid	10.463	122	19	8.31 ng	#	1
50) Dimethylphthalate	14.310	163	58822	2.78 ng		99
54) 2,4-Dinitrophenol	14.981	184	26	2.75 ng	#	1
65) 4,6-Dinitro-2-methylph...	16.004	198	20	6.35 ng	#	1
71) Phenanthrene	17.663	178	84778	2.64 ng		98
75) Fluoranthene	19.598	202	154446	4.16 ng		98
78) Pyrene	19.945	202	136516	3.81 ng		98
81) Benzo(a)anthracene	21.639	228	72983	2.10 ng		97
83) Chrysene	21.692	228	67038	2.01 ng		95
88) Benzo(b)fluoranthene	23.374	252	115302	3.26 ng	#	96
89) Benzo(k)fluoranthene	23.374	252	115302	3.31 ng		97

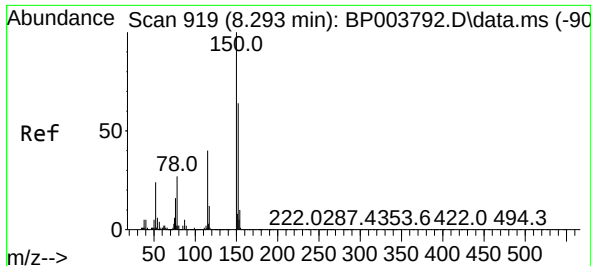
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112420\
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Response via : Initial Calibration

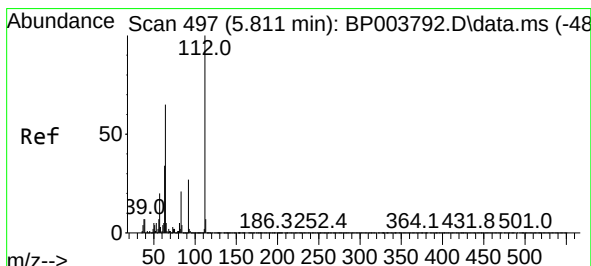
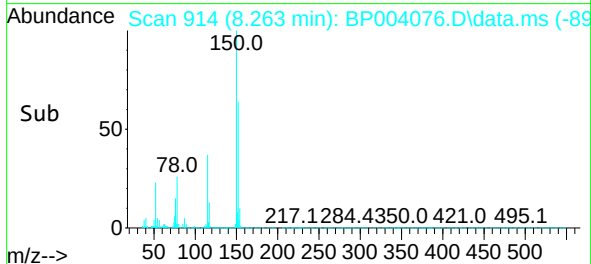
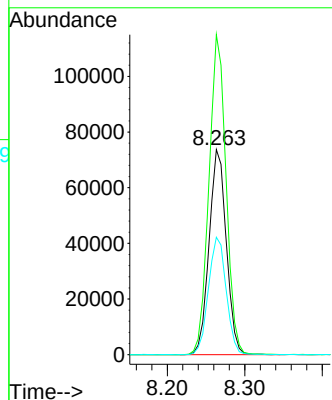
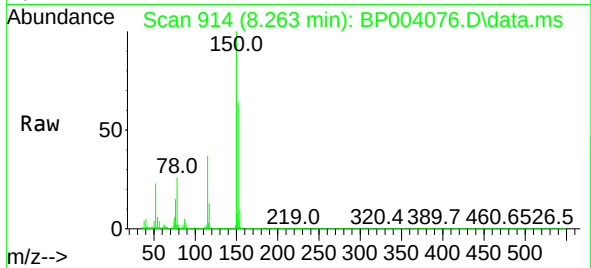




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.263 min Scan# 914
Delta R.T. -0.006 min
Lab File: BP004076.D
Acq: 24 Nov 2020 15:11

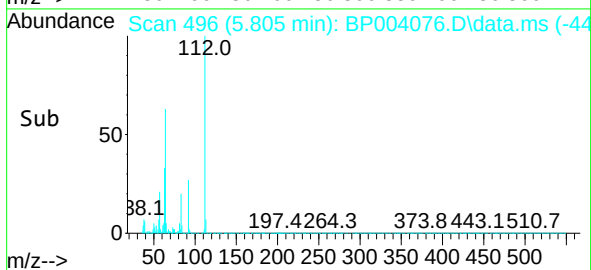
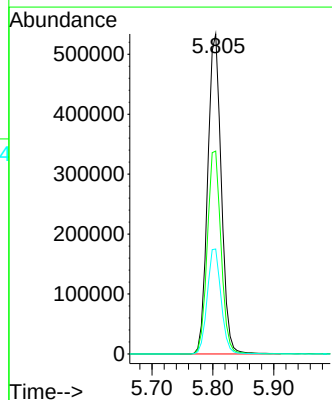
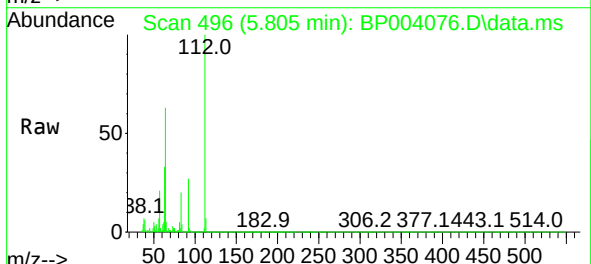
Instrument :
BNA_P
ClientSampleId :
72-11933

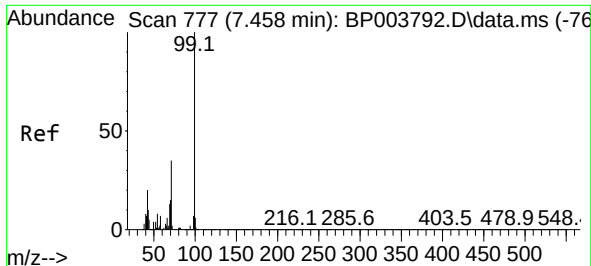
Tgt Ion:152 Resp: 113747
Ion Ratio Lower Upper
152 100
150 156.0 123.8 185.6
115 57.2 43.8 65.6



#5
2-Fluorophenol
Concen: 121.50 ng
RT: 5.805 min Scan# 496
Delta R.T. 0.000 min
Lab File: BP004076.D
Acq: 24 Nov 2020 15:11

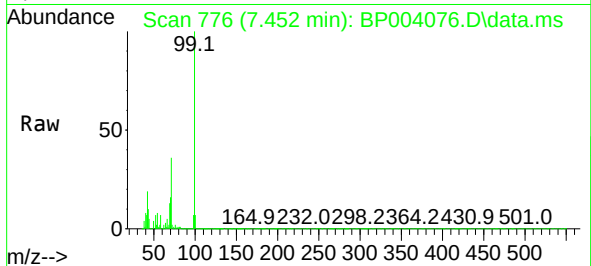
Tgt Ion:112 Resp: 828088
Ion Ratio Lower Upper
112 100
64 63.4 32.8 49.2#
63 32.8 17.0 25.4#



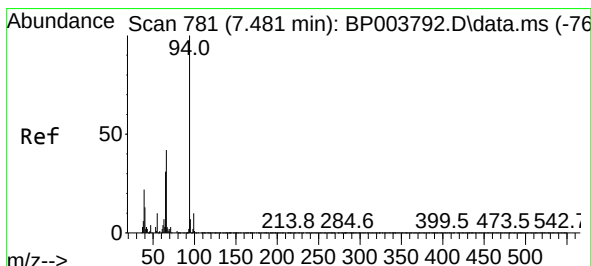
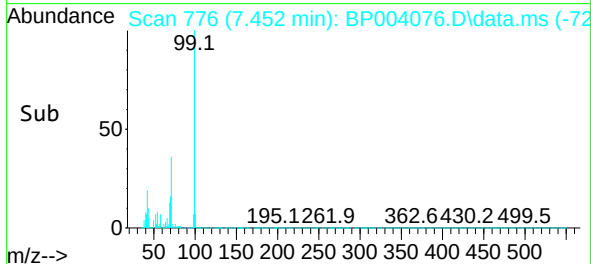
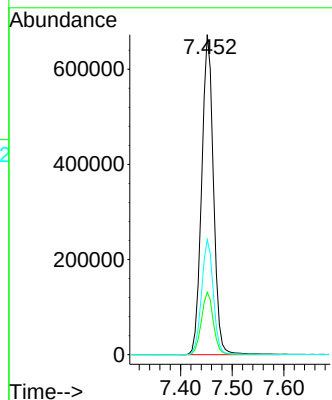


#7
Phenol-d6
Concen: 109.11 ng
RT: 7.452 min Scan# 776
Delta R.T. 0.000 min
Lab File: BP004076.D
Acq: 24 Nov 2020 15:11

Instrument :
BNA_P
ClientSampleId :
72-11933

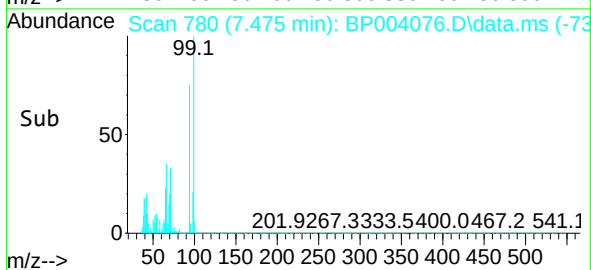
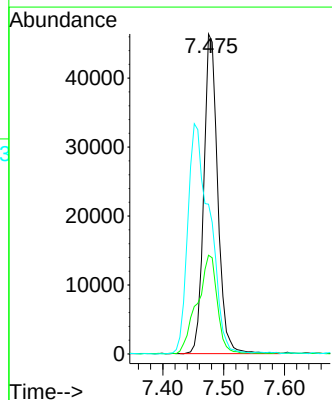
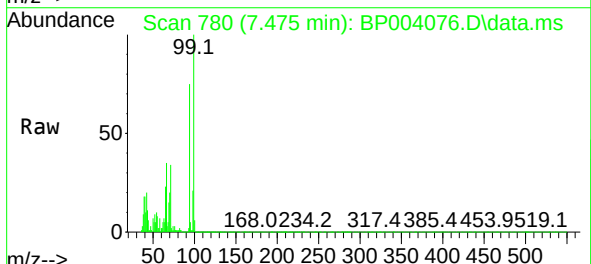


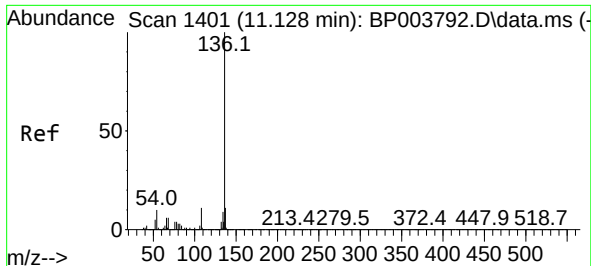
Tgt Ion: 99 Resp: 1067431
Ion Ratio Lower Upper
99 100
42 19.5 8.6 13.0#
71 35.9 23.4 35.2#



#10
Phenol
Concen: 7.80 ng
RT: 7.475 min Scan# 780
Delta R.T. -0.006 min
Lab File: BP004076.D
Acq: 24 Nov 2020 15:11

Tgt Ion: 94 Resp: 73679
Ion Ratio Lower Upper
94 100
65 30.9 2.3 42.3
66 46.8 10.9 50.9

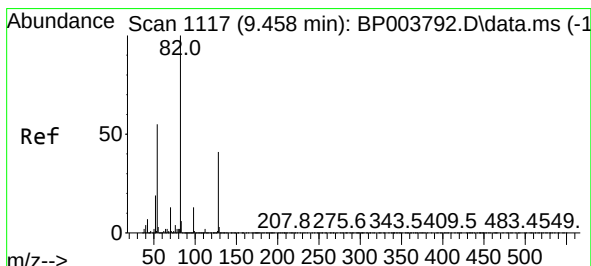
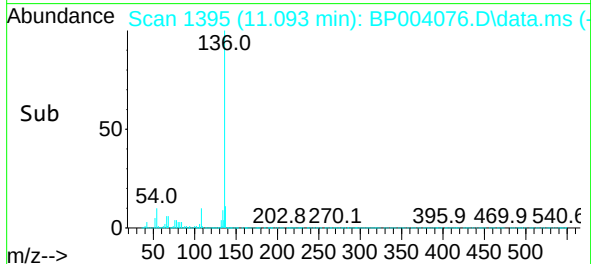
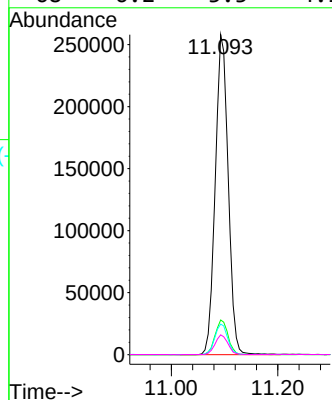
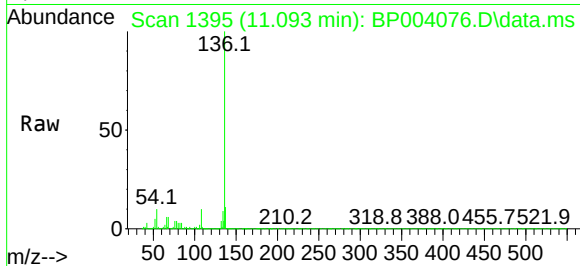




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.093 min Scan# 1395
Delta R.T. -0.006 min
Lab File: BP004076.D
Acq: 24 Nov 2020 15:11

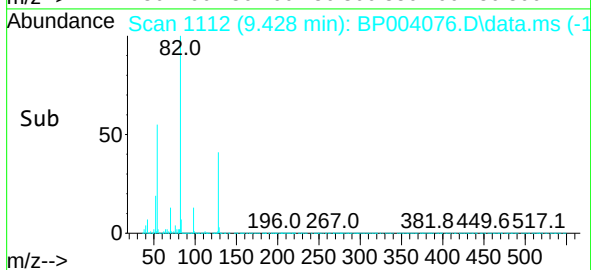
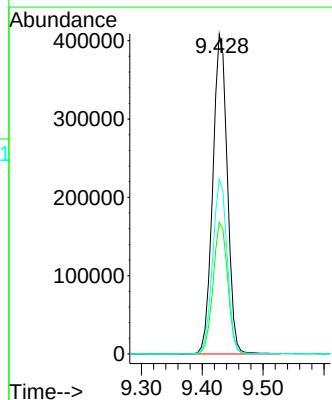
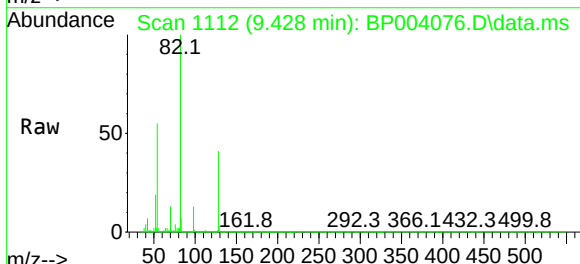
Instrument :
BNA_P
ClientSampleId :
72-11933

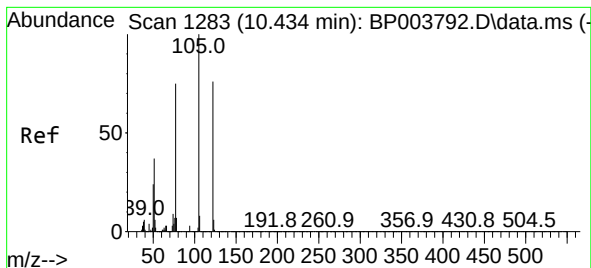
Tgt Ion:	136	Resp:	435198
Ion Ratio	Lower	Upper	
136	100		
137	10.8	8.6	13.0
54	9.6	3.6	5.4#
68	6.2	3.3	4.9#



#23
Nitrobenzene-d5
Concen: 76.26 ng
RT: 9.428 min Scan# 1112
Delta R.T. -0.006 min
Lab File: BP004076.D
Acq: 24 Nov 2020 15:11

Tgt Ion:	82	Resp:	677635
Ion Ratio	Lower	Upper	
82	100		
128	41.1	45.6	68.4#
54	54.5	30.1	45.1#

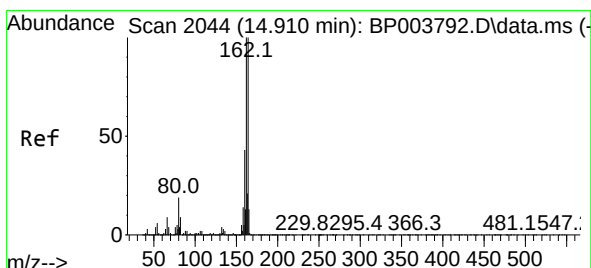
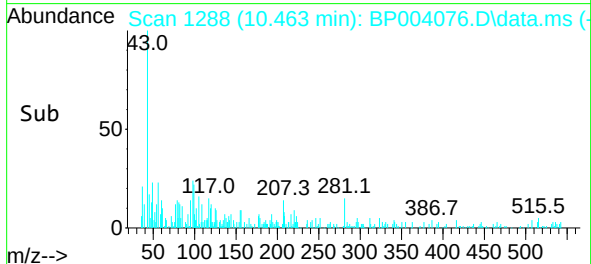
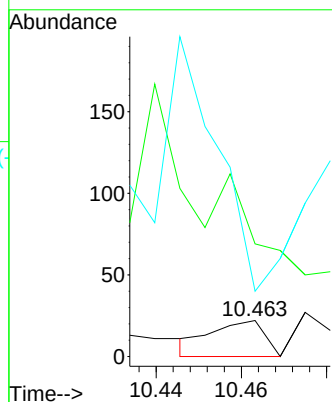
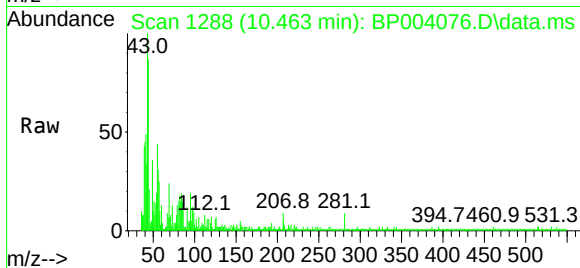




#32
Benzoic acid
Concen: 8.31 ng
RT: 10.463 min Scan# 1288
Delta R.T. 0.006 min
Lab File: BP004076.D
Acq: 24 Nov 2020 15:11

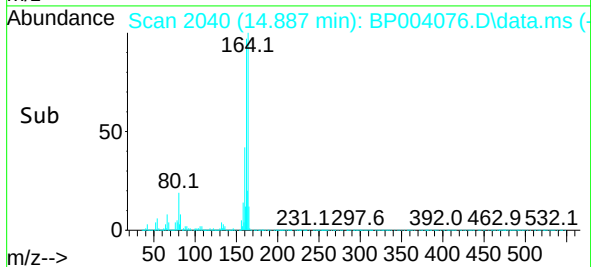
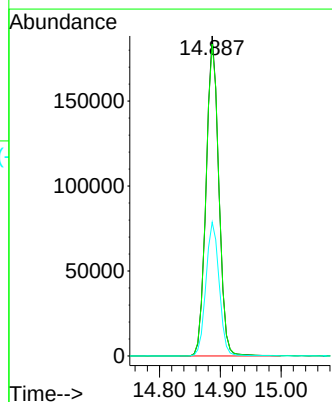
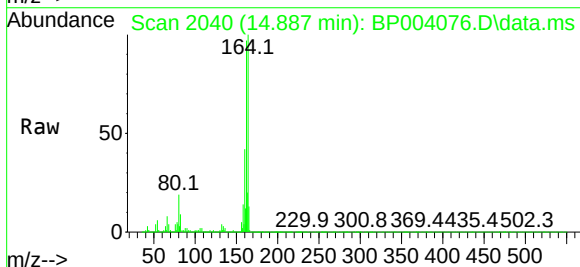
Instrument :
BNA_P
ClientSampleId :
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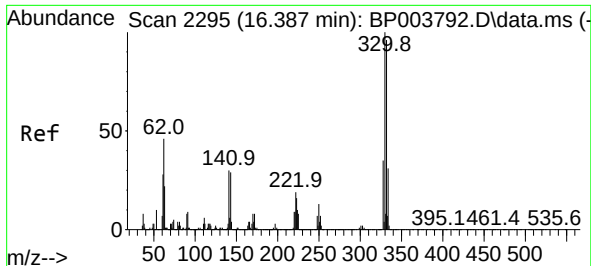
Tgt Ion:	122	Resp:	19
Ion	Ratio	Lower	Upper
122	100		
105	350.0	94.1	134.1#
77	181.8	50.1	90.1#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.887 min Scan# 2040
Delta R.T. -0.006 min
Lab File: BP004076.D
Acq: 24 Nov 2020 15:11

Tgt Ion:	164	Resp:	270923
Ion	Ratio	Lower	Upper
164	100		
162	97.5	79.4	119.2
160	41.8	36.1	54.1

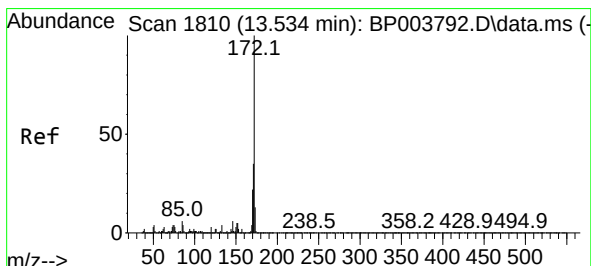
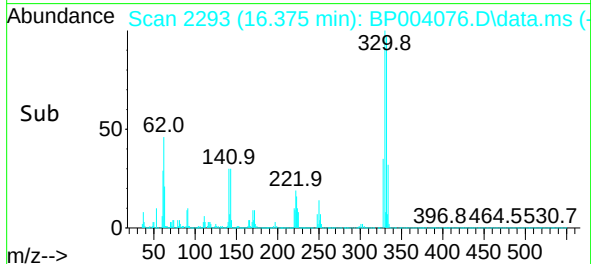
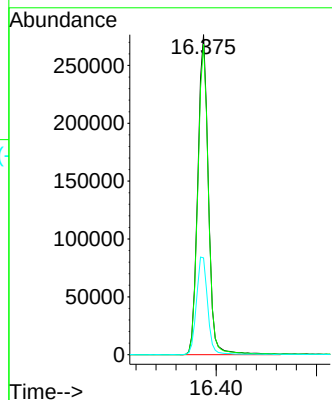
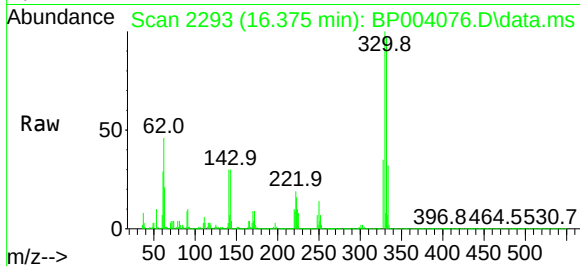




#42
2,4,6-Tribromophenol
Concen: 119.98 ng
RT: 16.375 min Scan# 2293
Delta R.T. 0.000 min
Lab File: BP004076.D
Acq: 24 Nov 2020 15:11

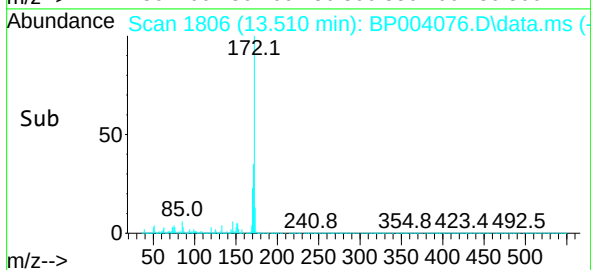
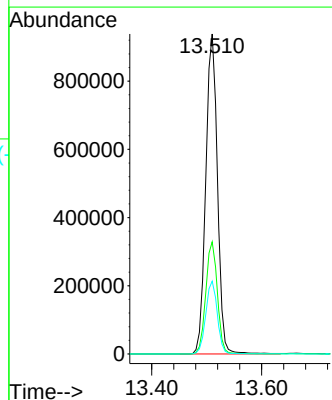
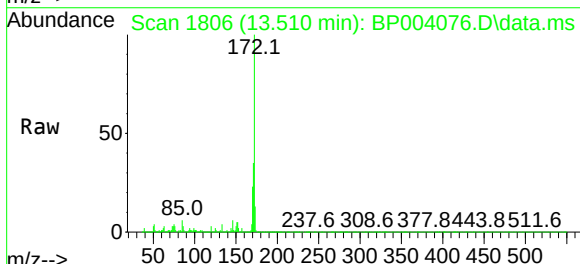
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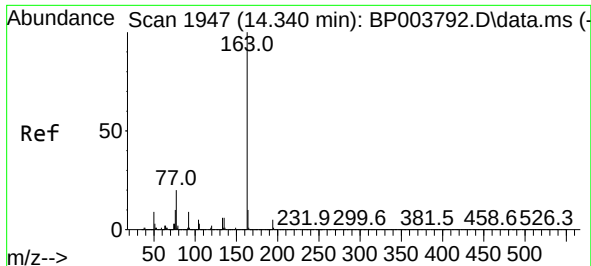
Tgt Ion:330 Resp: 406572
Ion Ratio Lower Upper
330 100
332 96.9 77.1 115.7
141 32.0 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 71.32 ng
RT: 13.510 min Scan# 1806
Delta R.T. 0.000 min
Lab File: BP004076.D
Acq: 24 Nov 2020 15:11

Tgt Ion:172 Resp: 1382127
Ion Ratio Lower Upper
172 100
171 35.1 28.5 42.7
170 22.8 19.2 28.8

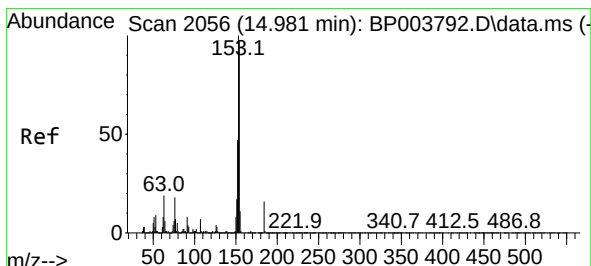
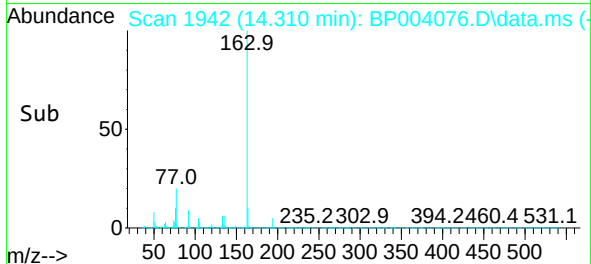
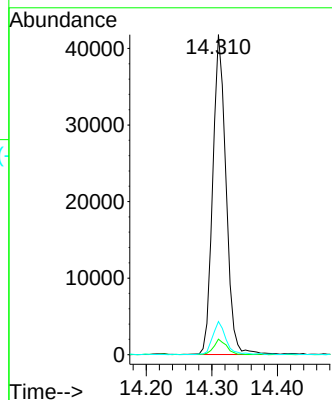
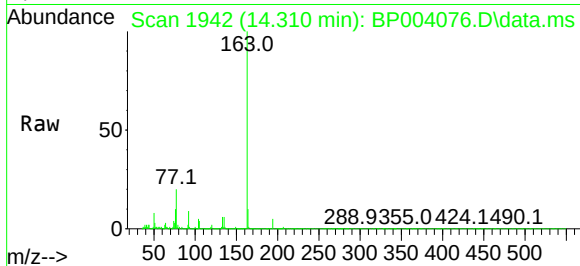




#50
Dimethylphthalate
Concen: 2.78 ng
RT: 14.310 min Scan# 1942
Delta R.T. -0.012 min
Lab File: BP004076.D
Acq: 24 Nov 2020 15:11

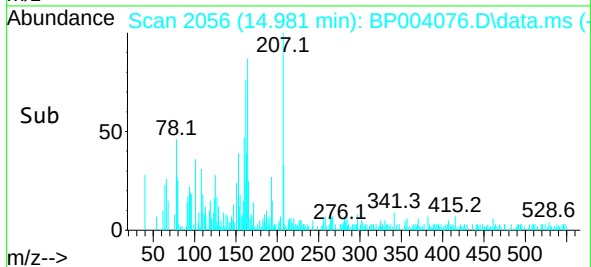
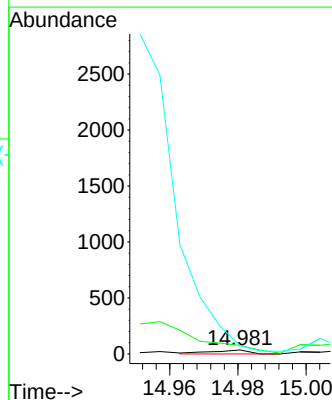
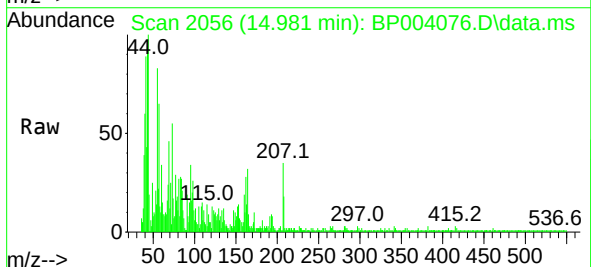
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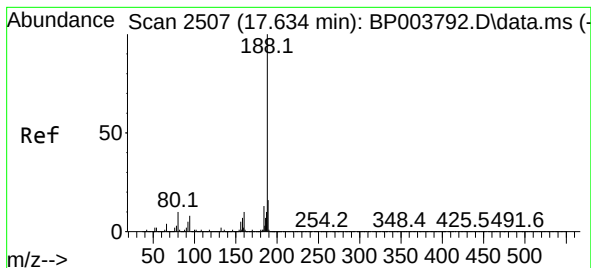
Tgt Ion:163 Resp: 58822
Ion Ratio Lower Upper
163 100
194 4.8 3.3 4.9
164 10.4 8.2 12.2



#54
2,4-Dinitrophenol
Concen: 2.75 ng
RT: 14.981 min Scan# 2056
Delta R.T. -0.012 min
Lab File: BP004076.D
Acq: 24 Nov 2020 15:11

Tgt Ion:184 Resp: 26
Ion Ratio Lower Upper
184 100
63 214.3 32.3 48.5#
154 214.3 49.1 73.7#

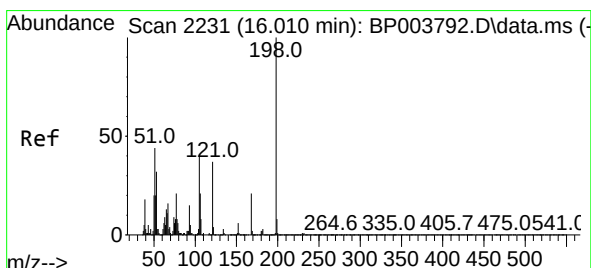
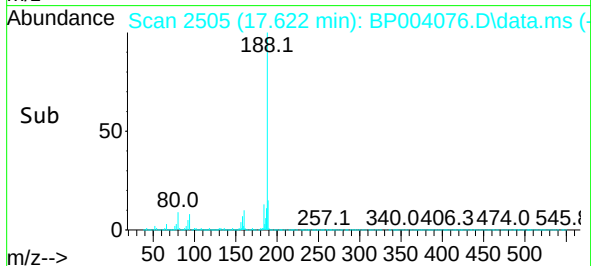
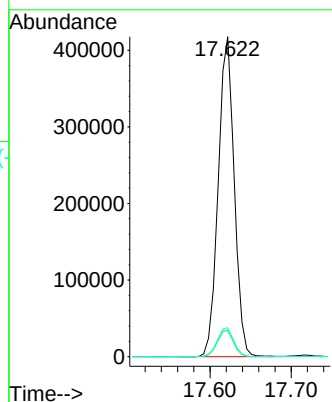
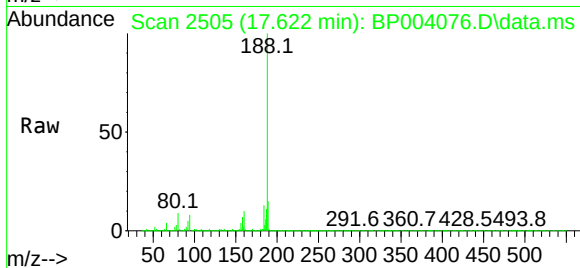




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.622 min Scan# 2505
Delta R.T. 0.000 min
Lab File: BP004076.D
Acq: 24 Nov 2020 15:11

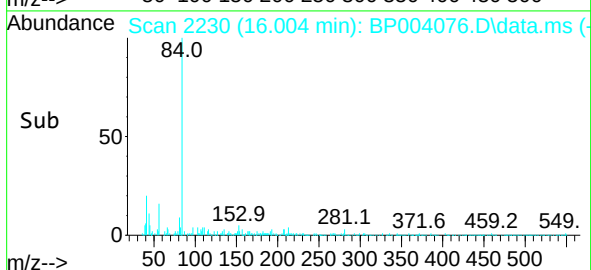
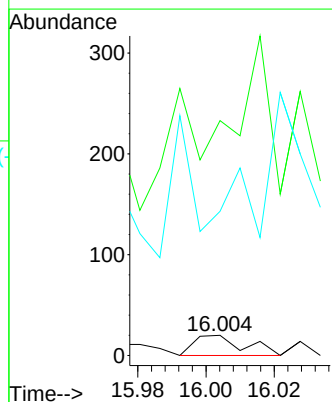
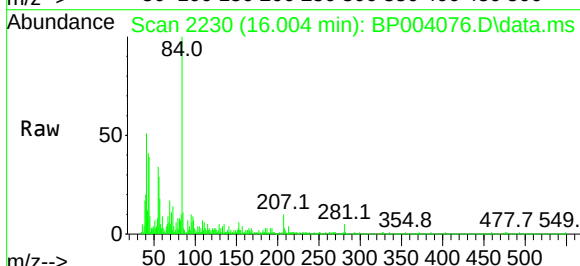
Instrument :
BNA_P
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72-11933

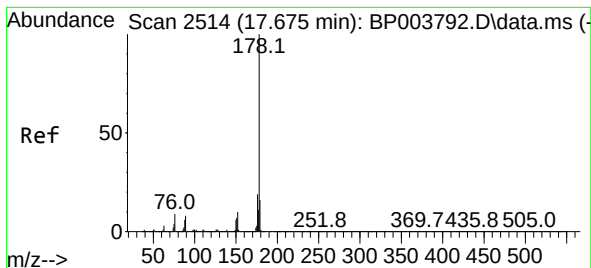
Tgt Ion:188 Resp: 572854
Ion Ratio Lower Upper
188 100
94 8.3 6.2 9.2
80 9.1 6.2 9.2



#65
4,6-Dinitro-2-methylphenol
Concen: 6.35 ng
RT: 16.004 min Scan# 2230
Delta R.T. -0.012 min
Lab File: BP004076.D
Acq: 24 Nov 2020 15:11

Tgt Ion:198 Resp: 20
Ion Ratio Lower Upper
198 100
51 1165.0 6.4 46.4#
105 715.0 18.9 58.9#

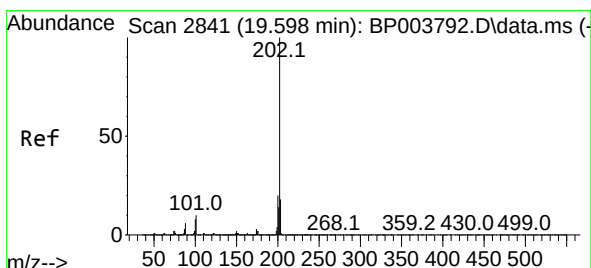
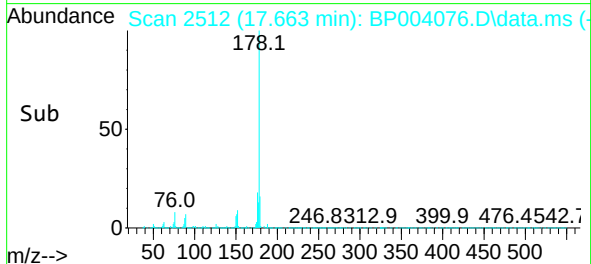
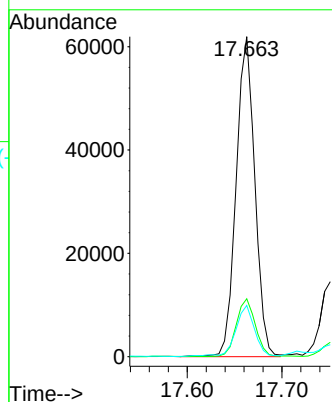
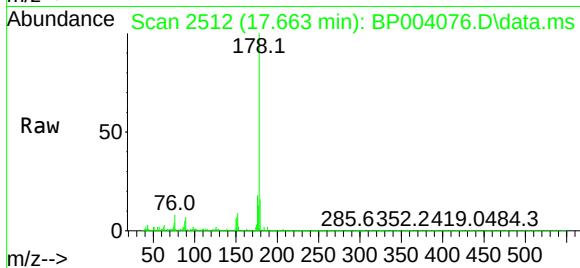




#71
Phenanthrene
Concen: 2.64 ng
RT: 17.663 min Scan# 2512
Delta R.T. -0.006 min
Lab File: BP004076.D
Acq: 24 Nov 2020 15:11

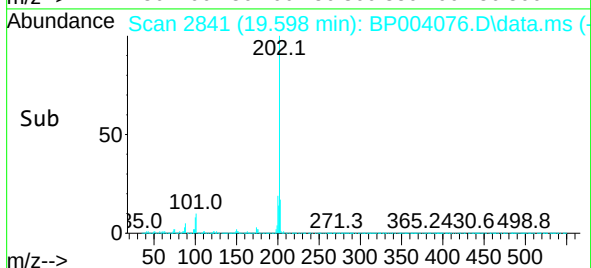
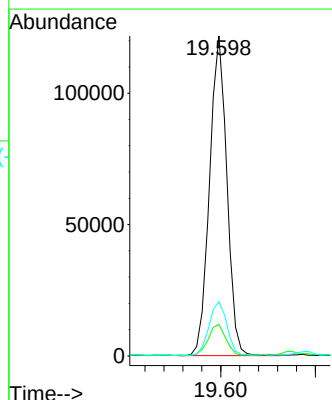
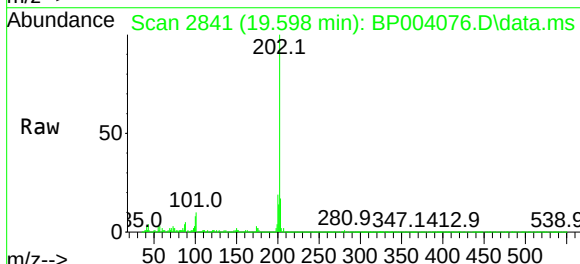
Instrument :
BNA_P
ClientSampleId :
72-11933

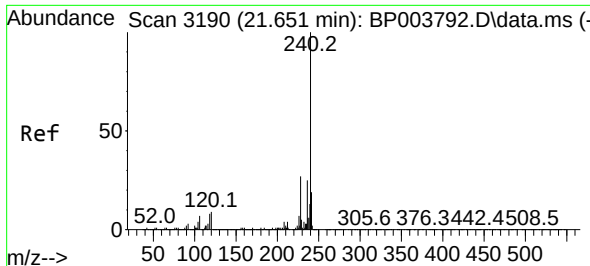
Tgt Ion:178 Resp: 84778
Ion Ratio Lower Upper
178 100
176 18.1 15.3 22.9
179 16.0 12.5 18.7



#75
Fluoranthene
Concen: 4.16 ng
RT: 19.598 min Scan# 2841
Delta R.T. -0.006 min
Lab File: BP004076.D
Acq: 24 Nov 2020 15:11

Tgt Ion:202 Resp: 154446
Ion Ratio Lower Upper
202 100
101 9.9 0.0 29.4
203 17.0 0.0 37.8

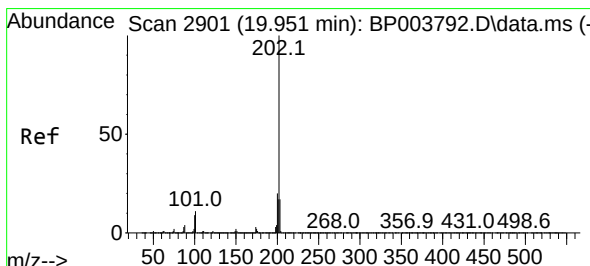
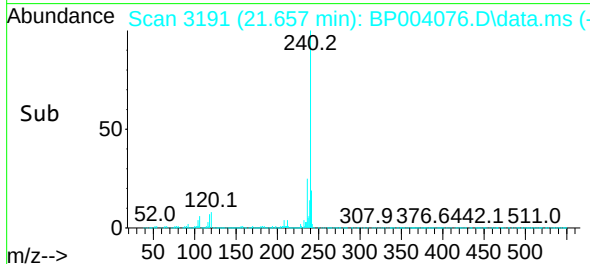
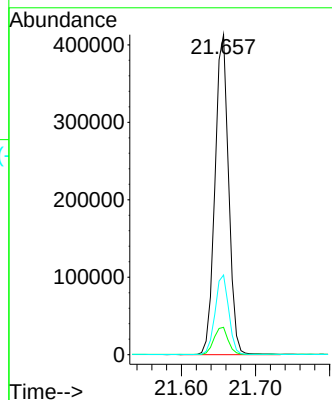
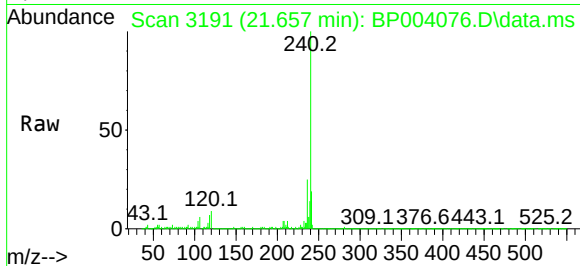




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.657 min Scan# 3191
Delta R.T. -0.006 min
Lab File: BP004076.D
Acq: 24 Nov 2020 15:11

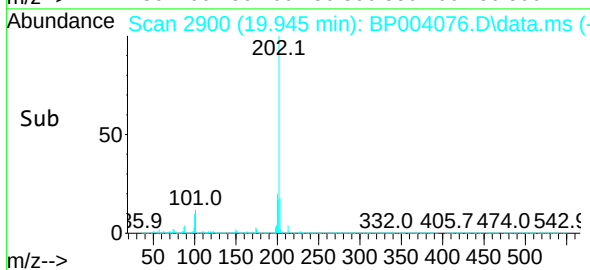
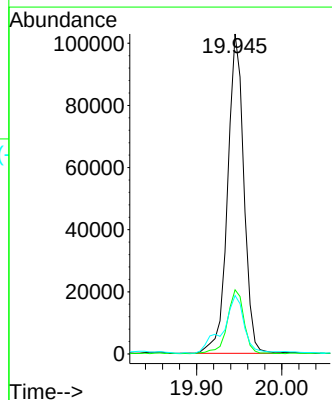
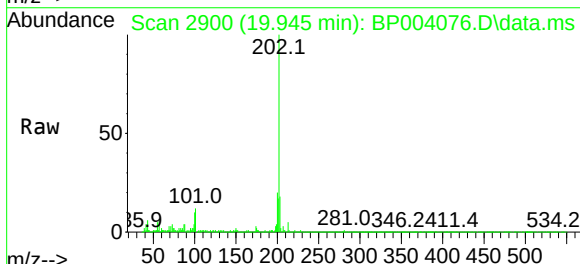
Instrument :
BNA_P
ClientSampleId :
72-11933

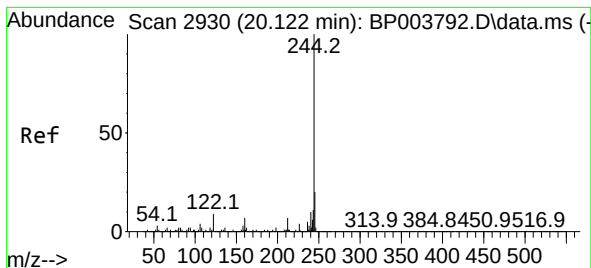
Tgt Ion:240 Resp: 527505
Ion Ratio Lower Upper
240 100
120 8.5 7.8 11.6
236 24.9 20.8 31.2



#78
Pyrene
Concen: 3.81 ng
RT: 19.945 min Scan# 2900
Delta R.T. -0.006 min
Lab File: BP004076.D
Acq: 24 Nov 2020 15:11

Tgt Ion:202 Resp: 136516
Ion Ratio Lower Upper
202 100
200 20.0 17.1 25.7
203 18.3 14.2 21.2

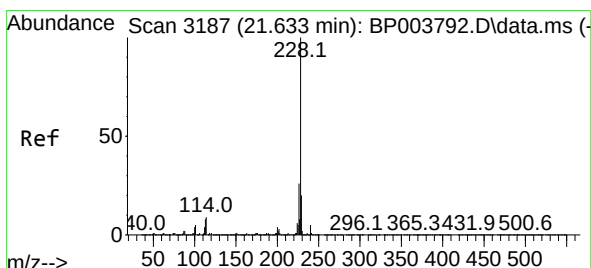
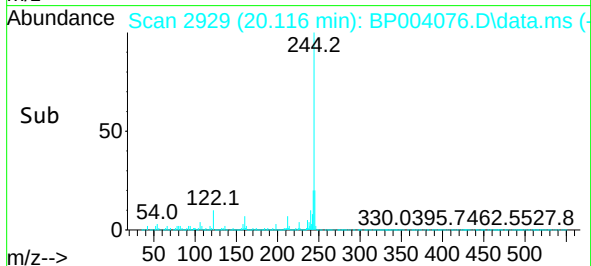
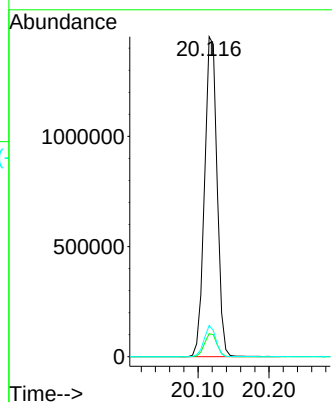
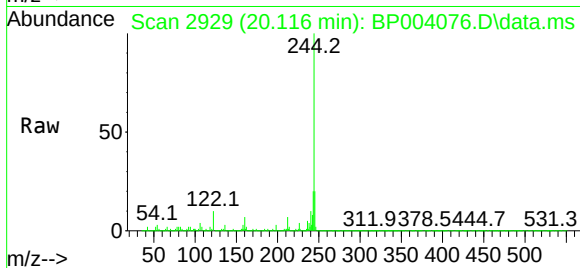




#79
 Terphenyl-d14
 Concen: 65.44 ng
 RT: 20.116 min Scan# 2929
 Delta R.T. -0.006 min
 Lab File: BP004076.D
 Acq: 24 Nov 2020 15:11

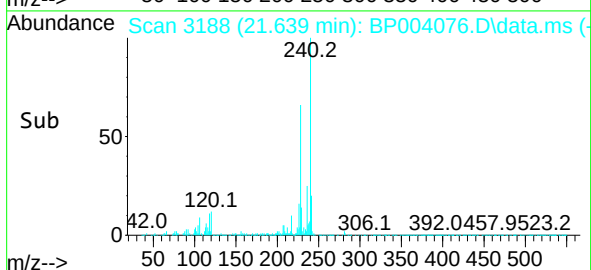
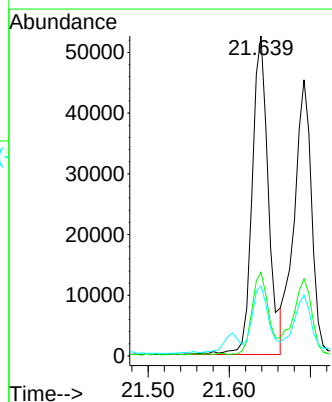
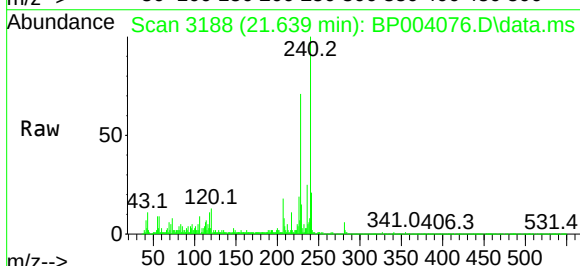
Instrument :
 BNA_P
 ClientSampleId :
 72-11933

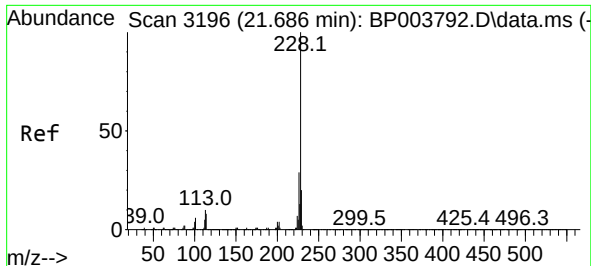
Tgt Ion:244 Resp: 1786855
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.6
 122 9.7 7.8 11.8



#81
 Benzo(a)anthracene
 Concen: 2.10 ng
 RT: 21.639 min Scan# 3188
 Delta R.T. -0.006 min
 Lab File: BP004076.D
 Acq: 24 Nov 2020 15:11

Tgt Ion:228 Resp: 72983
 Ion Ratio Lower Upper
 228 100
 226 26.2 22.1 33.1
 229 21.9 15.9 23.9

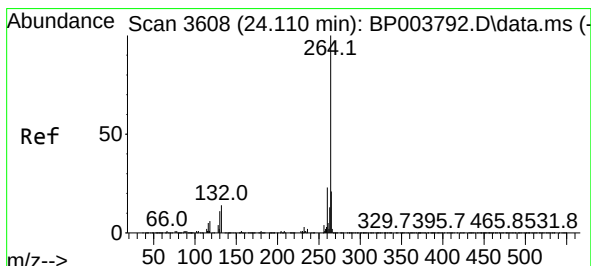
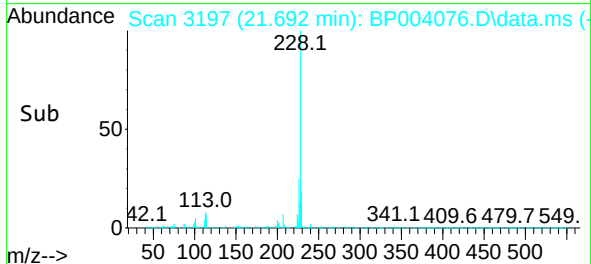
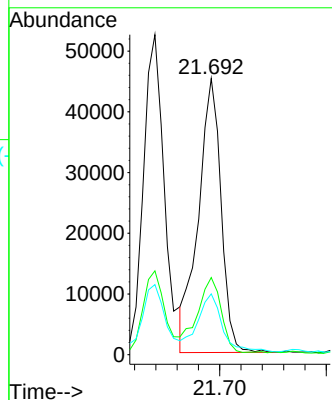
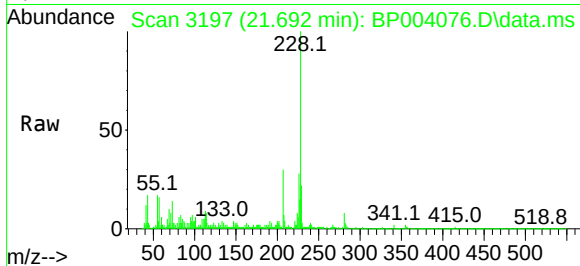




#83
Chrysene
Concen: 2.01 ng
RT: 21.692 min Scan# 3197
Delta R.T. -0.006 min
Lab File: BP004076.D
Acq: 24 Nov 2020 15:11

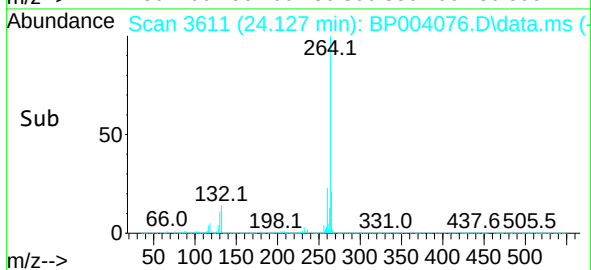
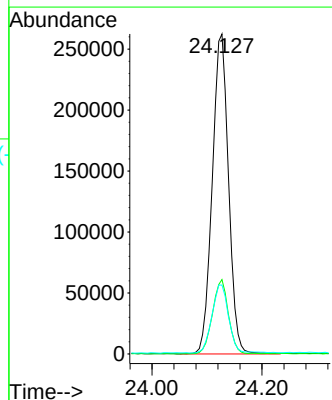
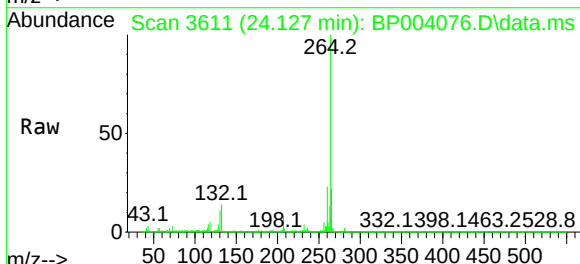
Instrument :
BNA_P
ClientSampleId :
72-11933

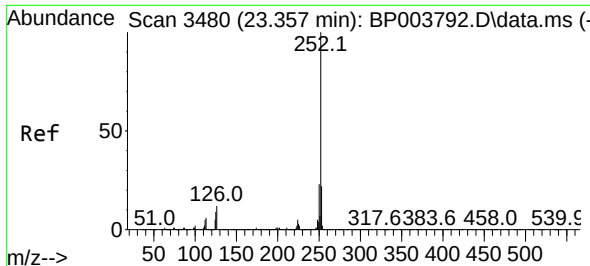
Tgt Ion:228	Resp: 67038
Ion Ratio	Lower Upper
228 100	
226 27.9	24.4 36.6
229 22.0	15.8 23.6



#86
Perylene-d12
Concen: 20.00 ng
RT: 24.127 min Scan# 3611
Delta R.T. 0.000 min
Lab File: BP004076.D
Acq: 24 Nov 2020 15:11

Tgt Ion:264	Resp: 539771
Ion Ratio	Lower Upper
264 100	
260 23.3	18.8 28.2
265 21.6	17.4 26.2

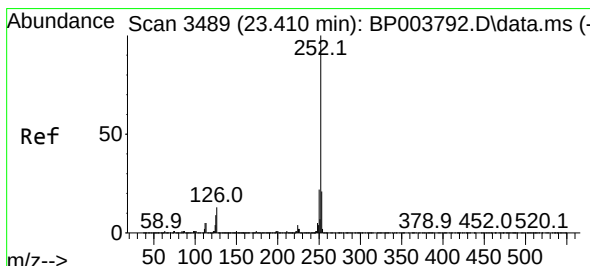
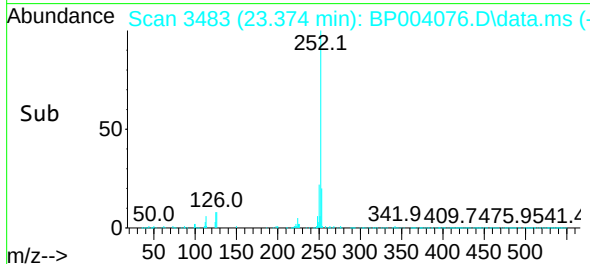
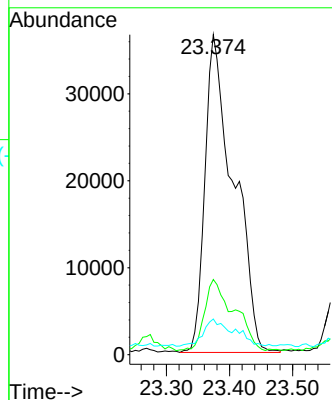
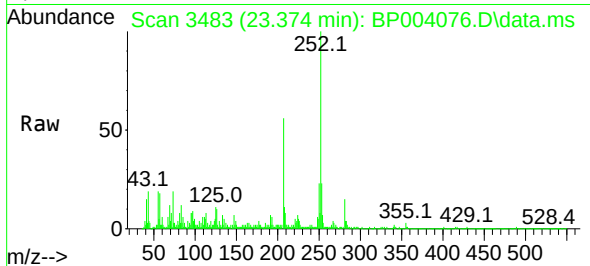




#88
Benzo(b)fluoranthene
Concen: 3.26 ng
RT: 23.374 min Scan# 3483
Delta R.T. -0.006 min
Lab File: BP004076.D
Acq: 24 Nov 2020 15:11

Instrument :
BNA_P
ClientSampleId :
72-11933

Tgt Ion:252 Resp: 115302
Ion Ratio Lower Upper
252 100
253 23.5 17.6 26.4
125 11.2 7.3 10.9#



#89
Benzo(k)fluoranthene
Concen: 3.31 ng
RT: 23.374 min Scan# 3483
Delta R.T. -0.053 min
Lab File: BP004076.D
Acq: 24 Nov 2020 15:11

Tgt Ion:252 Resp: 115302
Ion Ratio Lower Upper
252 100
253 23.5 17.8 26.8
125 11.2 7.4 11.2

