

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111920\
 Data File : BP004014.D
 Acq On : 19 Nov 2020 20:32
 Operator : CG/JU
 Sample : L4779-02 5X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 1641

Quant Time: Nov 19 23:58:02 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 12 15:22:47 2020
 Response via : Initial Calibration

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

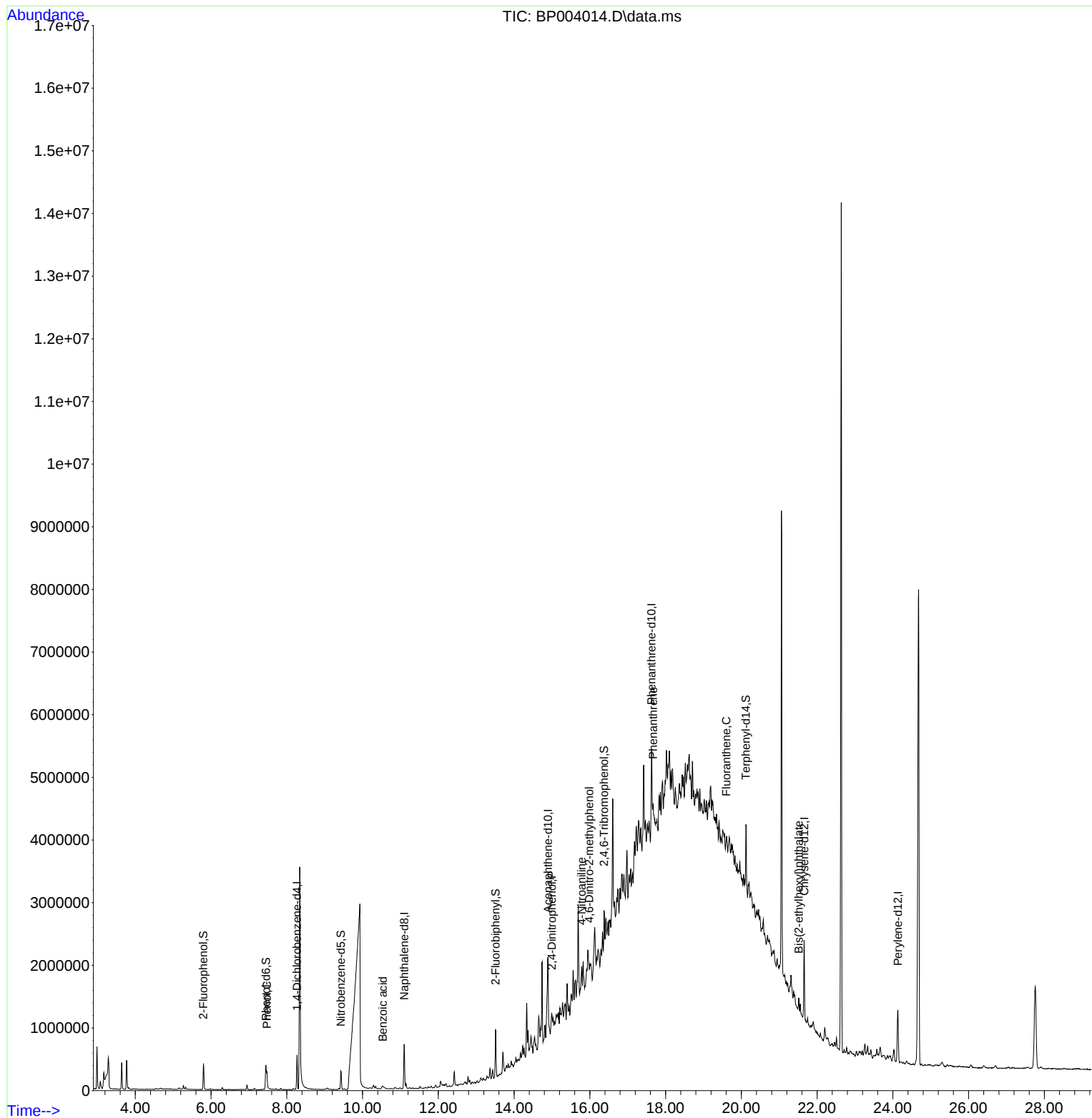
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.269	152	144031	20.00	ng	-0.01
21) Naphthalene-d8	11.099	136	551446	20.00	ng	#-0.02
39) Acenaphthene-d10	14.892	164	326805	20.00	ng	-0.02
64) Phenanthrene-d10	17.628	188	613378	20.00	ng	#-0.01
76) Chrysene-d12	21.657	240	607334	20.00	ng	-0.02
86) Perylene-d12	24.133	264	641248	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.799	112	169418	19.63	ng	0.00
7) Phenol-d6	7.446	99	206039	16.63	ng	0.00
23) Nitrobenzene-d5	9.428	82	160651	14.27	ng	-0.02
42) 2,4,6-Tribromophenol	16.375	330	82440	20.17	ng	-0.02
45) 2-Fluorobiphenyl	13.510	172	360660	15.43	ng	-0.02
79) Terphenyl-d14	20.122	244	434411	13.82	ng	-0.01
Target Compounds						
						Qvalue
9) Benzaldehyde	7.375	77	1400	Below Cal	#	76
10) Phenol	7.475	94	173425	14.51	ng	82
32) Benzoic acid	10.534	122	13800	10.54	ng	# 69
54) 2,4-Dinitrophenol	14.998	184	373	2.93	ng	# 1
62) 4-Nitroaniline	15.781	138	26633	4.40	ng	95
65) 4,6-Dinitro-2-methylph...	15.981	198	4164	7.44	ng	# 1
71) Phenanthrene	17.669	178	195758	5.69	ng	# 83
75) Fluoranthene	19.604	202	86845	2.19	ng	80
84) Bis(2-ethylhexyl)phtha...	21.516	149	68599	3.03	ng	93

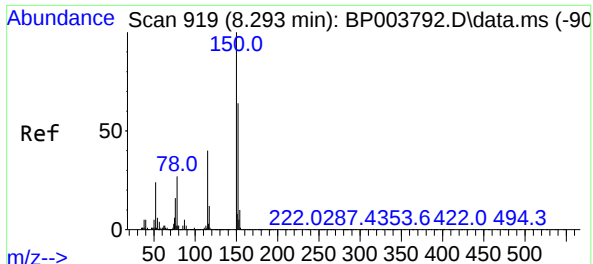
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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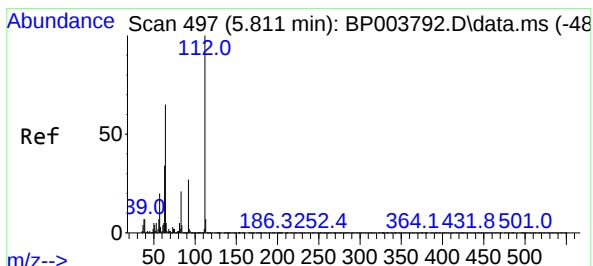
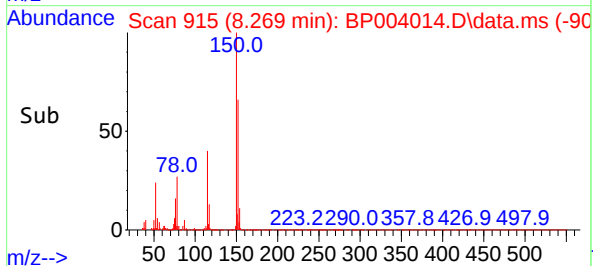
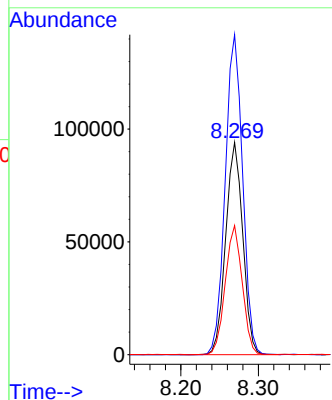
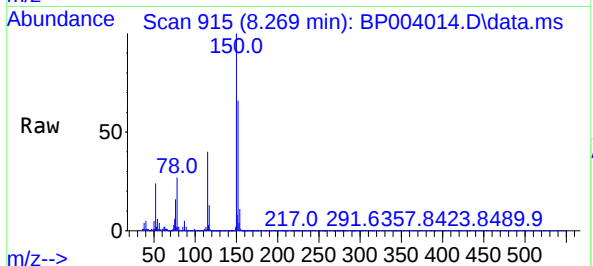




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.269 min Scan# 915
Delta R.T. -0.012 min
Lab File: BP004014.D
Acq: 19 Nov 2020 20:32

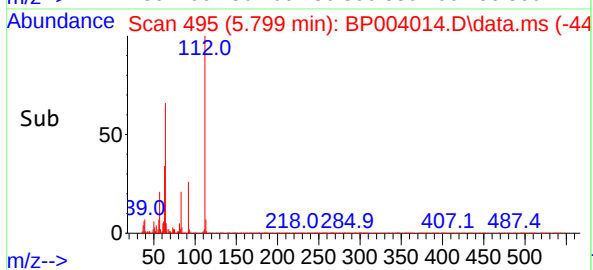
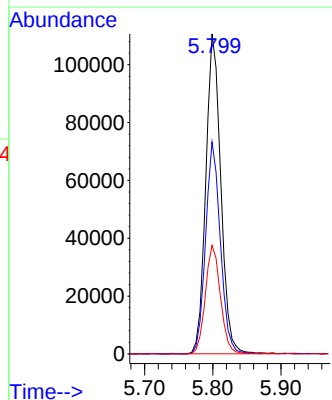
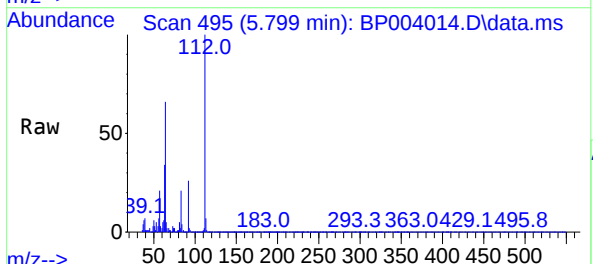
Instrument :
BNA_P
ClientSampleId :
1641

Tgt Ion:152 Resp: 144031
Ion Ratio Lower Upper
152 100
150 150.8 123.8 185.6
115 60.8 43.8 65.6



#5
2-Fluorophenol
Concen: 19.63 ng
RT: 5.799 min Scan# 495
Delta R.T. -0.006 min
Lab File: BP004014.D
Acq: 19 Nov 2020 20:32

Tgt Ion:112 Resp: 169418
Ion Ratio Lower Upper
112 100
64 66.3 32.8 49.2#
63 33.9 17.0 25.4#

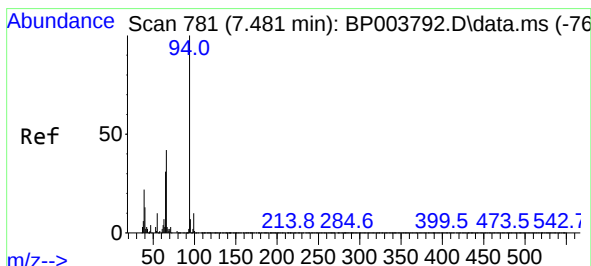
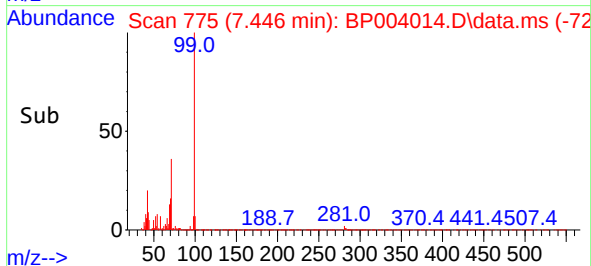
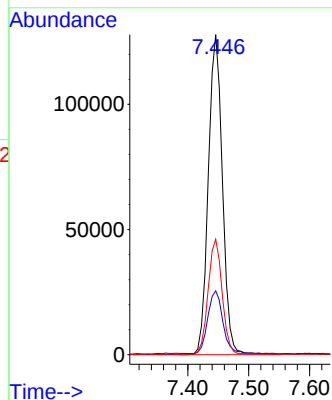
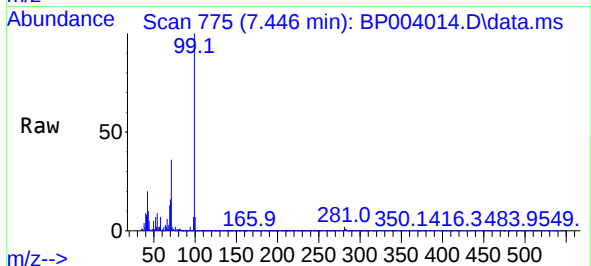




#7
Phenol-d6
Concen: 16.63 ng
RT: 7.446 min Scan# 775
Delta R.T. -0.006 min
Lab File: BP004014.D
Acq: 19 Nov 2020 20:32

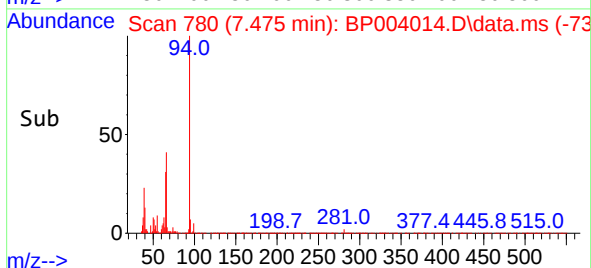
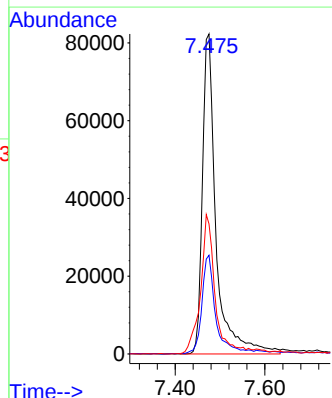
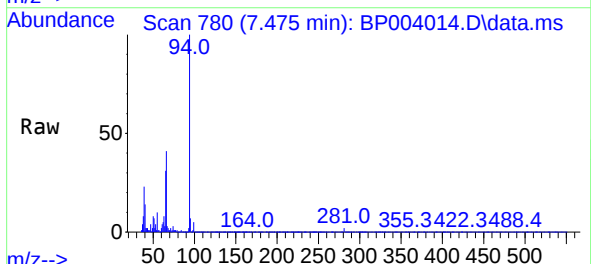
Instrument :
BNA_P
ClientSampleId :
1641

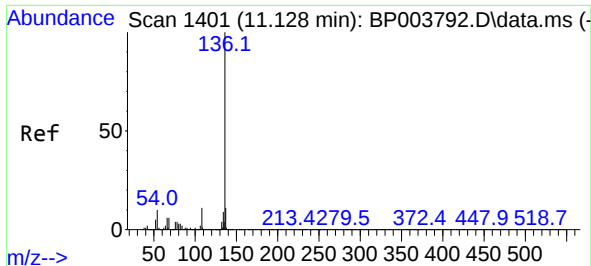
Tgt Ion: 99 Resp: 206039
Ion Ratio Lower Upper
99 100
42 20.0 8.6 13.0#
71 36.1 23.4 35.2#



#10
Phenol
Concen: 14.51 ng
RT: 7.475 min Scan# 780
Delta R.T. -0.006 min
Lab File: BP004014.D
Acq: 19 Nov 2020 20:32

Tgt Ion: 94 Resp: 173425
Ion Ratio Lower Upper
94 100
65 30.8 2.3 42.3
66 40.7 10.9 50.9



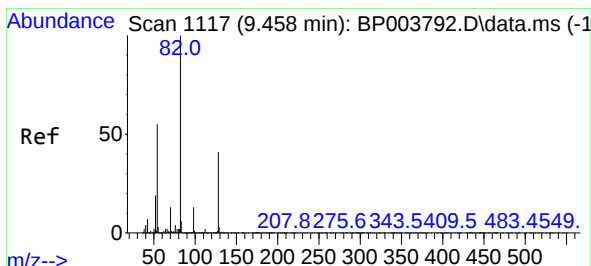
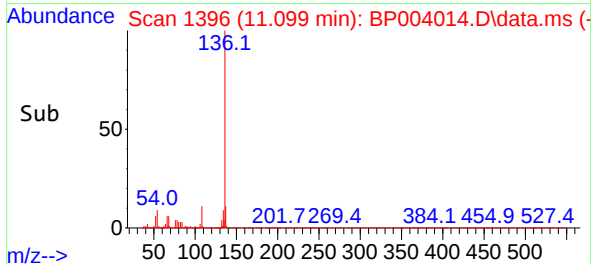
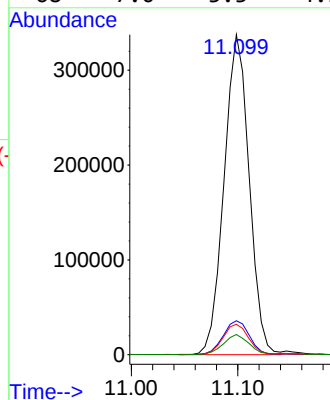
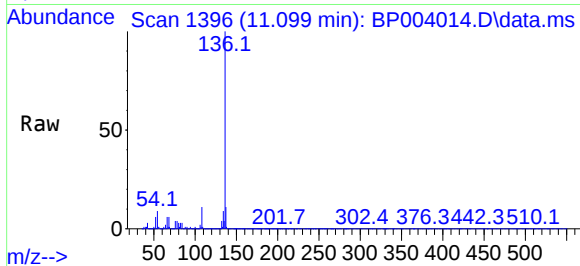


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.099 min Scan# 1396
Delta R.T. -0.018 min
Lab File: BP004014.D
Acq: 19 Nov 2020 20:32

Instrument :
BNA_P
ClientSampleId :
1641

Tgt Ion:136 Resp: 551446

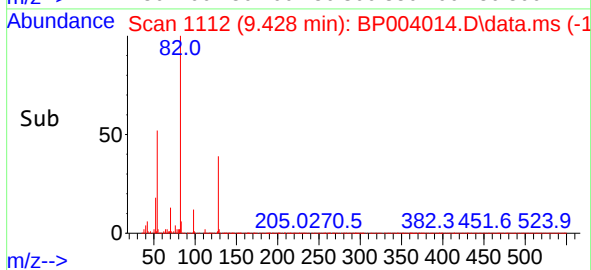
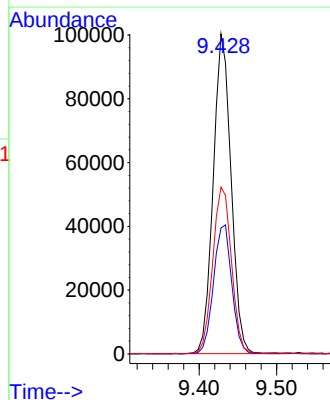
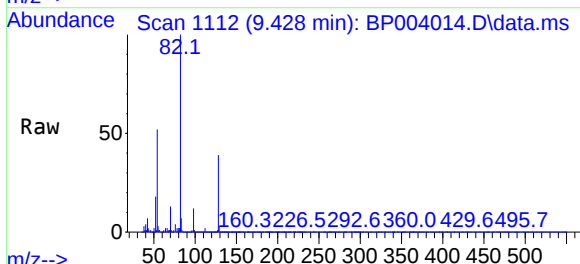
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	13.0
54	9.5	3.6	5.4#
68	7.0	3.3	4.9#

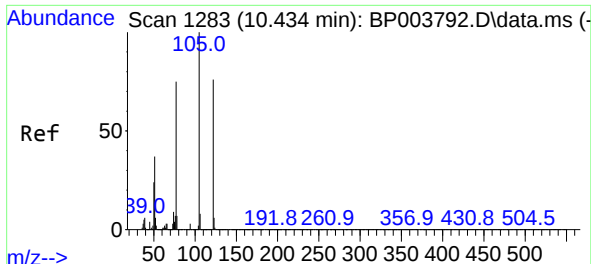


#23
Nitrobenzene-d5
Concen: 14.27 ng
RT: 9.428 min Scan# 1112
Delta R.T. -0.018 min
Lab File: BP004014.D
Acq: 19 Nov 2020 20:32

Tgt Ion: 82 Resp: 160651

Ion	Ratio	Lower	Upper
82	100		
128	39.3	45.6	68.4#
54	52.1	30.1	45.1#

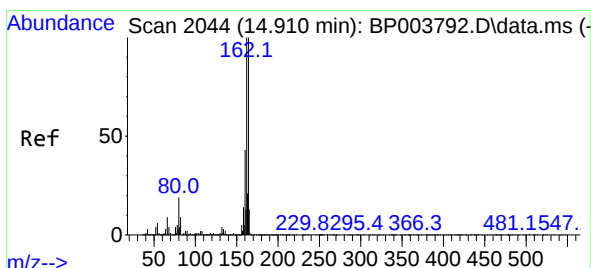
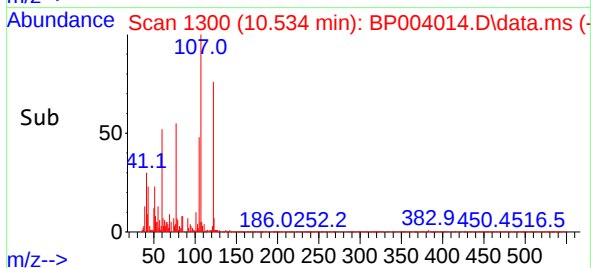
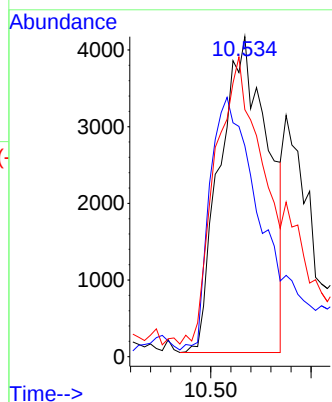
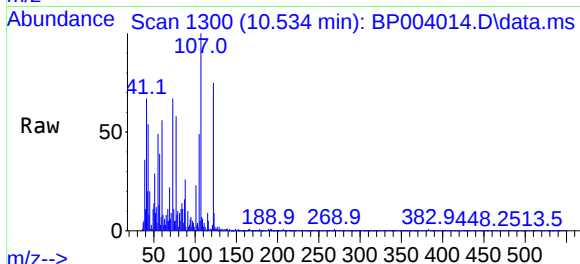




#32
Benzoic acid
Concen: 10.54 ng
RT: 10.534 min Scan# 1300
Delta R.T. 0.094 min
Lab File: BP004014.D
Acq: 19 Nov 2020 20:32

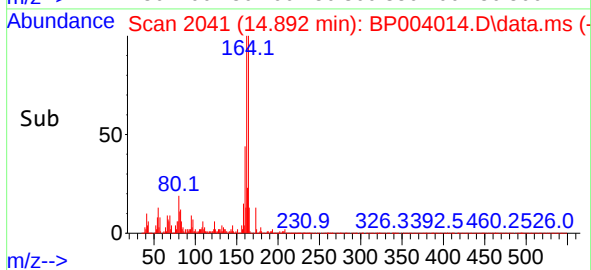
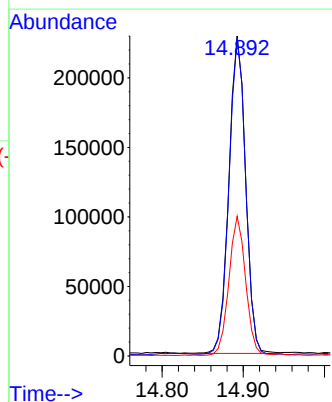
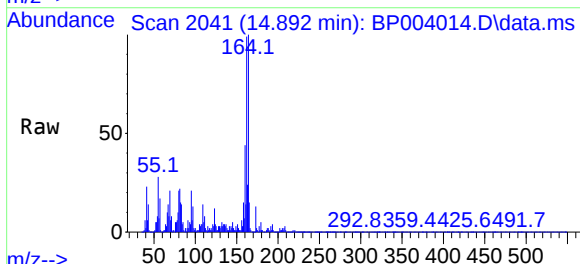
Instrument :
BNA_P
ClientSampleId :
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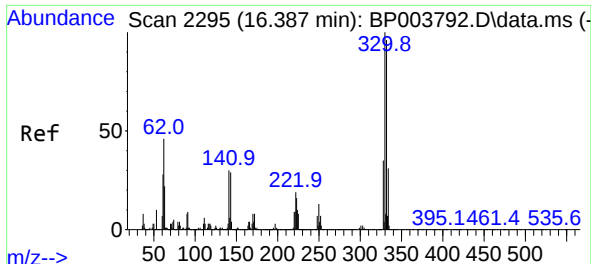
Tgt Ion:122 Resp: 13800
Ion Ratio Lower Upper
122 100
105 65.9 94.1 134.1#
77 77.2 50.1 90.1



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.892 min Scan# 2041
Delta R.T. -0.018 min
Lab File: BP004014.D
Acq: 19 Nov 2020 20:32

Tgt Ion:164 Resp: 326805
Ion Ratio Lower Upper
164 100
162 99.4 79.4 119.2
160 43.7 36.1 54.1

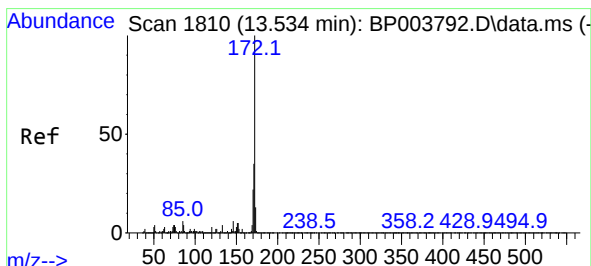
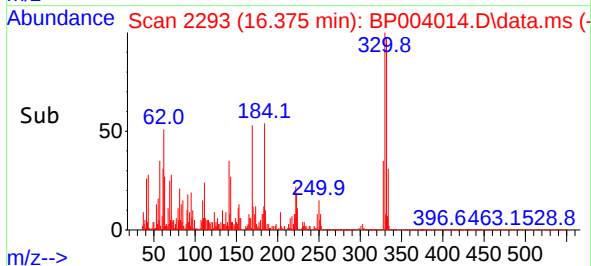
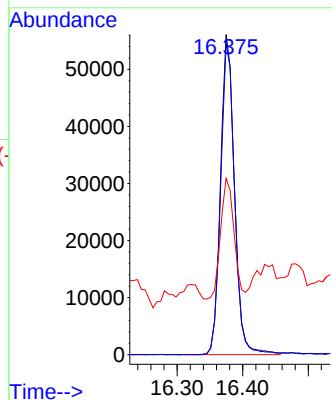
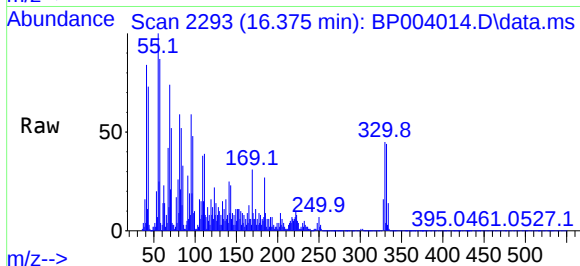




#42
2,4,6-Tribromophenol
Concen: 20.17 ng
RT: 16.375 min Scan# 2293
Delta R.T. -0.018 min
Lab File: BP004014.D
Acq: 19 Nov 2020 20:32

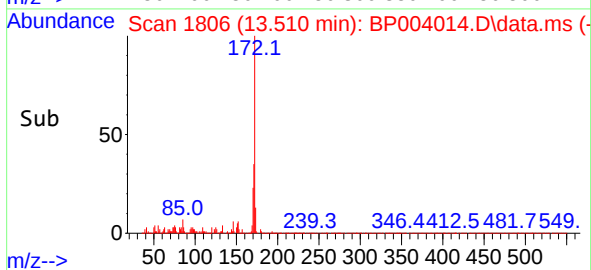
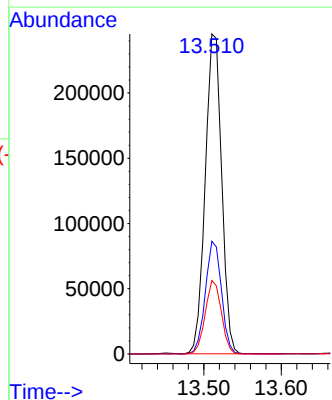
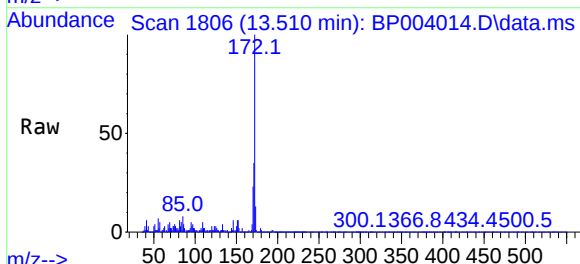
Instrument :
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ClientSampleId :
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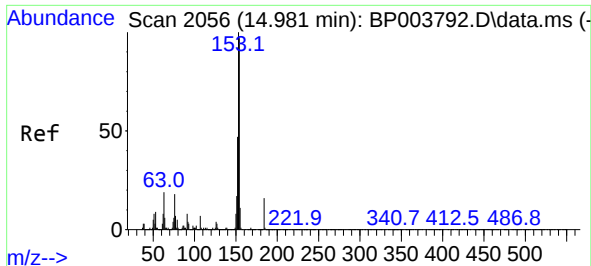
Tgt Ion:330 Resp: 82440
Ion Ratio Lower Upper
330 100
332 97.5 77.1 115.7
141 36.2 23.4 35.2#



#45
2-Fluorobiphenyl
Concen: 15.43 ng
RT: 13.510 min Scan# 1806
Delta R.T. -0.018 min
Lab File: BP004014.D
Acq: 19 Nov 2020 20:32

Tgt Ion:172 Resp: 360660
Ion Ratio Lower Upper
172 100
171 35.2 28.5 42.7
170 23.0 19.2 28.8

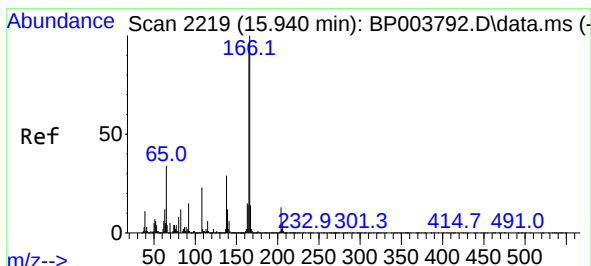
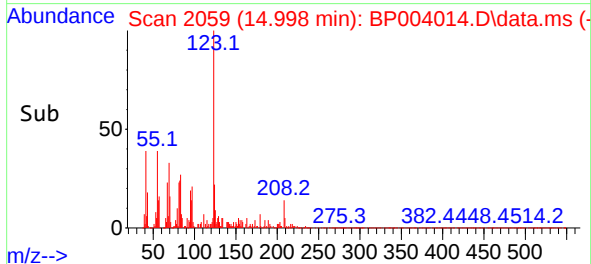
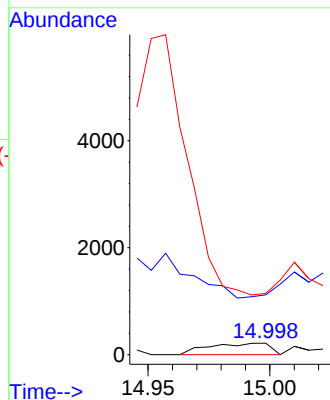
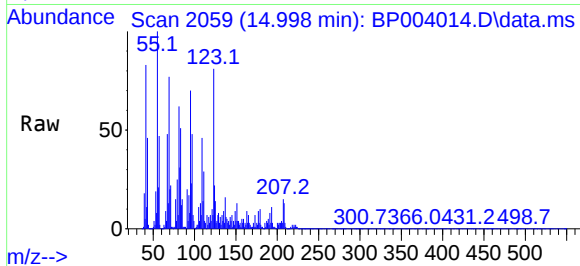




#54
2,4-Dinitrophenol
Concen: 2.93 ng
RT: 14.998 min Scan# 2059
Delta R.T. 0.000 min
Lab File: BP004014.D
Acq: 19 Nov 2020 20:32

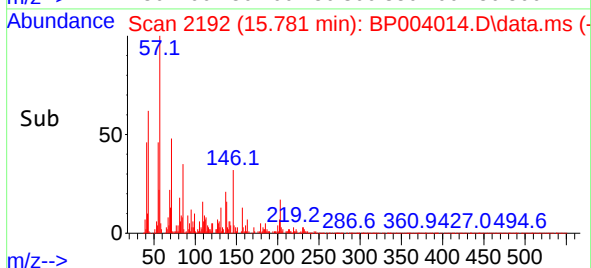
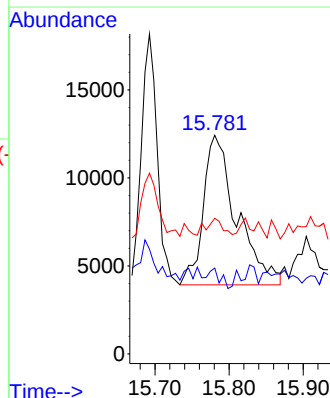
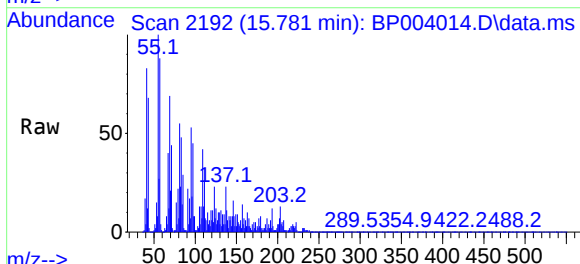
Instrument :
BNA_P
ClientSampled :
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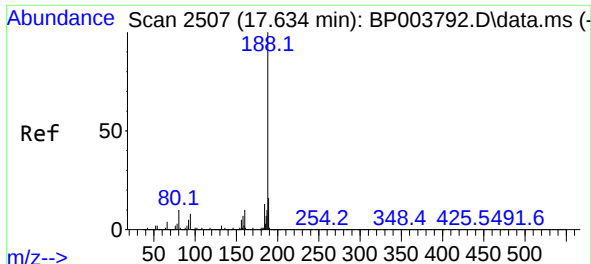
Tgt Ion:184 Resp: 373
Ion Ratio Lower Upper
184 100
63 518.1 32.3 48.5#
154 531.0 49.1 73.7#



#62
4-Nitroaniline
Concen: 4.40 ng
RT: 15.781 min Scan# 2192
Delta R.T. -0.165 min
Lab File: BP004014.D
Acq: 19 Nov 2020 20:32

Tgt Ion:138 Resp: 26633
Ion Ratio Lower Upper
138 100
92 39.3 20.7 60.7
108 62.0 47.8 87.8

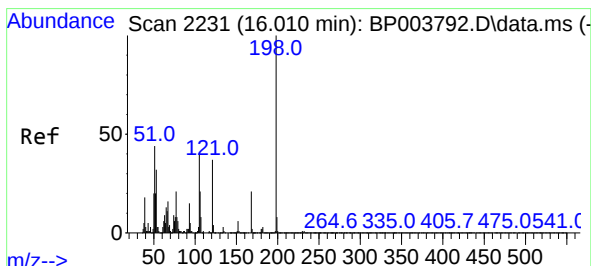
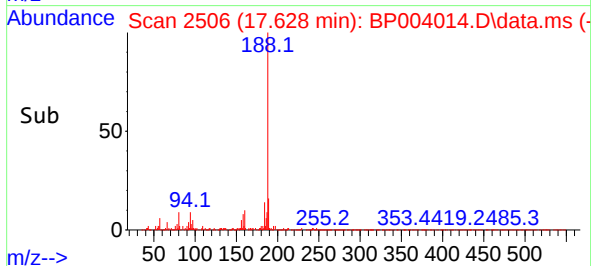
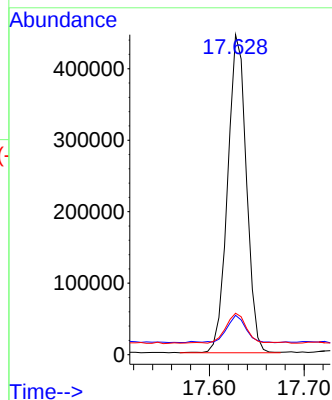
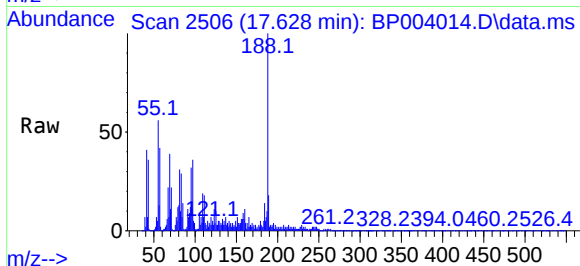




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.628 min Scan# 2506
Delta R.T. -0.012 min
Lab File: BP004014.D
Acq: 19 Nov 2020 20:32

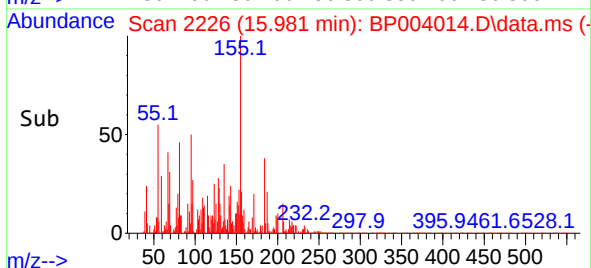
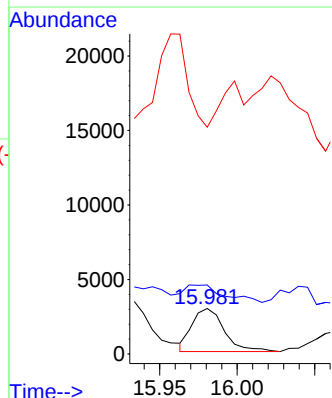
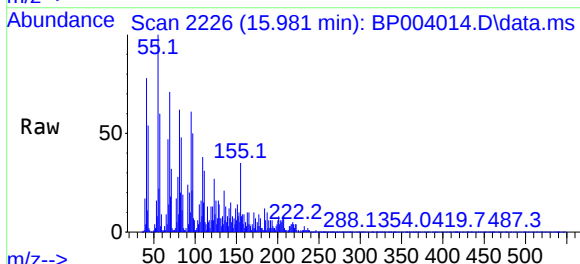
Instrument :
BNA_P
ClientSampled :
1641

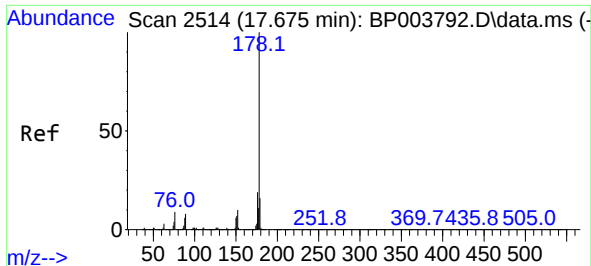
Tgt Ion:188 Resp: 613378
Ion Ratio Lower Upper
188 100
94 12.3 6.2 9.2#
80 13.0 6.2 9.2#



#65
4,6-Dinitro-2-methylphenol
Concen: 7.44 ng
RT: 15.981 min Scan# 2226
Delta R.T. -0.041 min
Lab File: BP004014.D
Acq: 19 Nov 2020 20:32

Tgt Ion:198 Resp: 4164
Ion Ratio Lower Upper
198 100
51 151.9 6.4 46.4#
105 498.8 18.9 58.9#

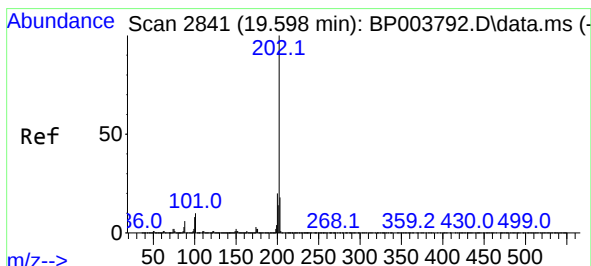
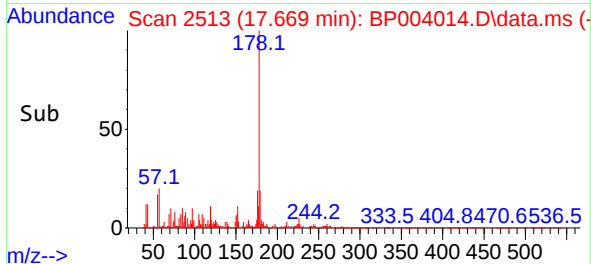
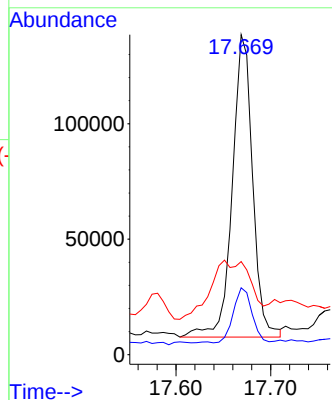
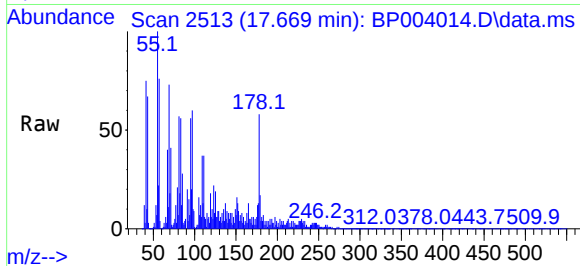




#71
Phenanthrene
Concen: 5.69 ng
RT: 17.669 min Scan# 2513
Delta R.T. -0.012 min
Lab File: BP004014.D
Acq: 19 Nov 2020 20:32

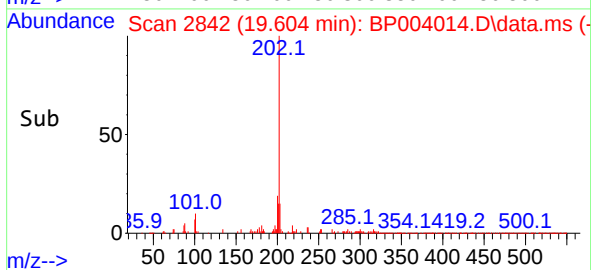
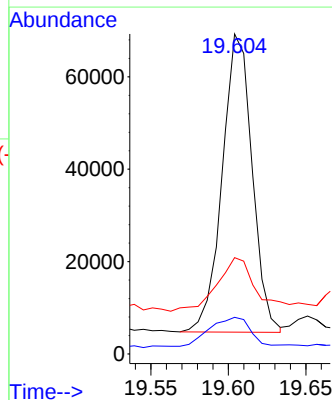
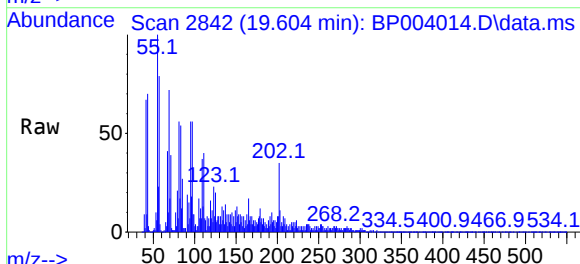
Instrument :
BNA_P
ClientSampleId :
1641

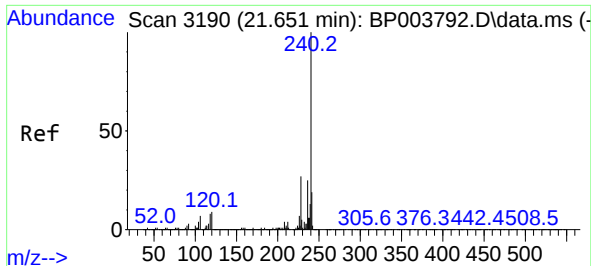
Tgt Ion:178 Resp: 195758
Ion Ratio Lower Upper
178 100
176 20.9 15.3 22.9
179 29.1 12.5 18.7#



#75
Fluoranthene
Concen: 2.19 ng
RT: 19.604 min Scan# 2842
Delta R.T. -0.012 min
Lab File: BP004014.D
Acq: 19 Nov 2020 20:32

Tgt Ion:202 Resp: 86845
Ion Ratio Lower Upper
202 100
101 11.4 0.0 29.4
203 30.1 0.0 37.8

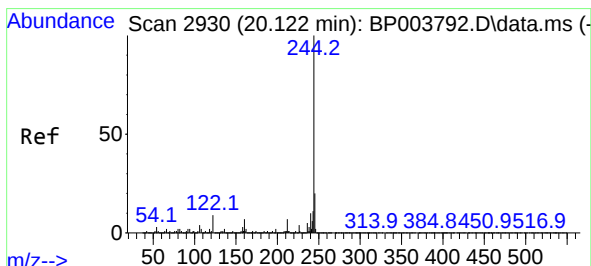
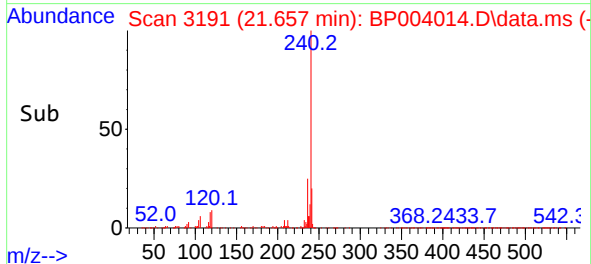
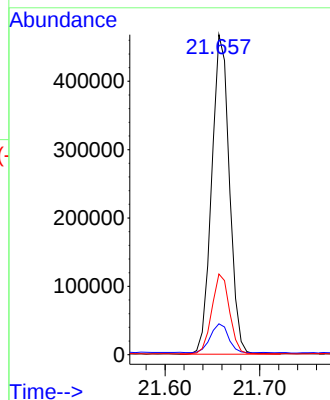
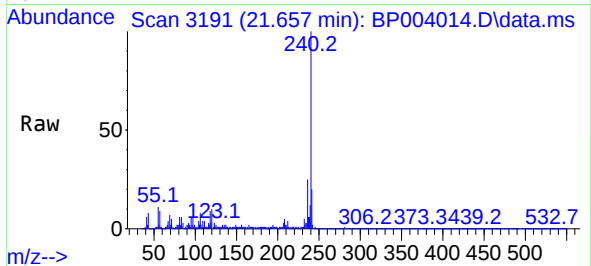




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.657 min Scan# 3191
Delta R.T. -0.018 min
Lab File: BP004014.D
Acq: 19 Nov 2020 20:32

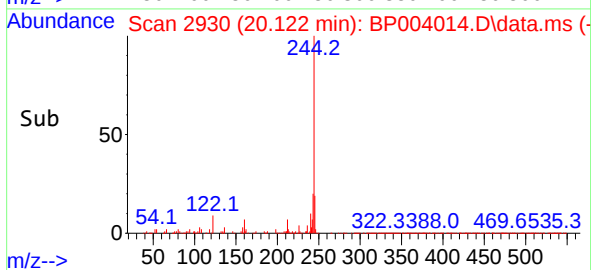
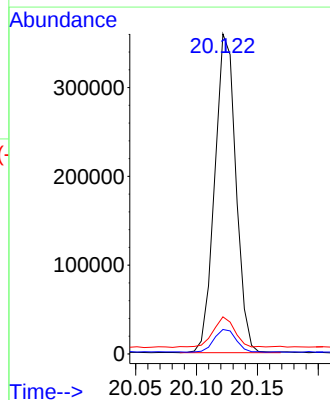
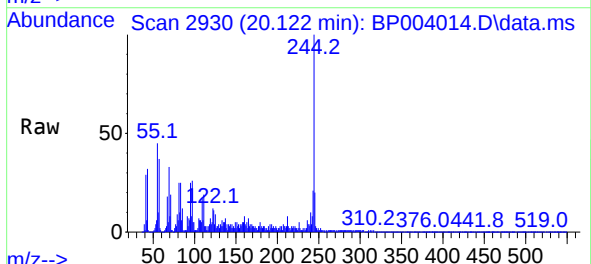
Instrument :
BNA_P
ClientSampleId :
1641

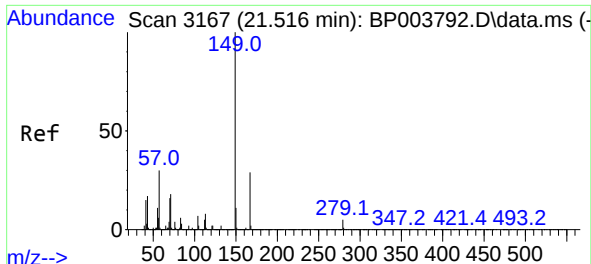
Tgt Ion:240 Resp: 607334
Ion Ratio Lower Upper
240 100
120 9.7 7.8 11.6
236 25.2 20.8 31.2



#79
Terphenyl-d14
Concen: 13.82 ng
RT: 20.122 min Scan# 2930
Delta R.T. -0.012 min
Lab File: BP004014.D
Acq: 19 Nov 2020 20:32

Tgt Ion:244 Resp: 434411
Ion Ratio Lower Upper
244 100
212 7.7 5.8 8.6
122 11.6 7.8 11.8

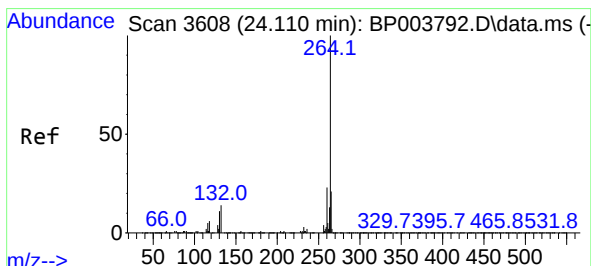
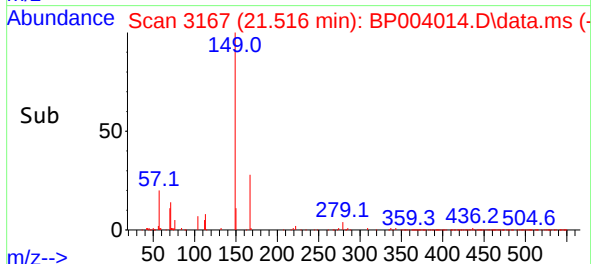
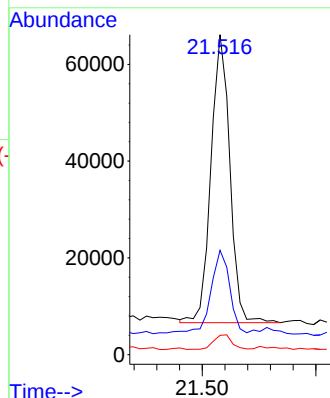
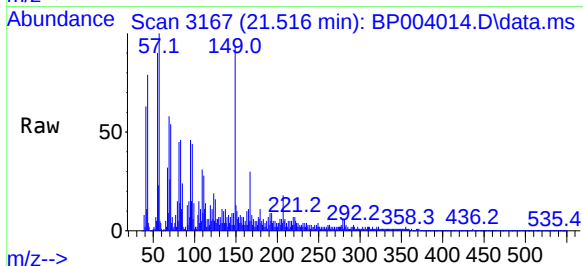




#84
Bis(2-ethylhexyl)phthalate
Concen: 3.03 ng
RT: 21.516 min Scan# 3167
Delta R.T. -0.018 min
Lab File: BP004014.D
Acq: 19 Nov 2020 20:32

Instrument :
BNA_P
ClientSampleId :
1641

Tgt Ion:	149	Resp:	68599
Ion Ratio	Lower	Upper	
149	100		
167	32.6	22.6	34.0
279	6.1	4.2	6.2



#86
Perylene-d12
Concen: 20.00 ng
RT: 24.133 min Scan# 3612
Delta R.T. -0.023 min
Lab File: BP004014.D
Acq: 19 Nov 2020 20:32

Tgt Ion:	264	Resp:	641248
Ion Ratio	Lower	Upper	
264	100		
260	23.5	18.8	28.2
265	22.0	17.4	26.2

