

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111920\
 Data File : BP004016.D
 Acq On : 19 Nov 2020 21:39
 Operator : CG/JU
 Sample : L4779-04 10X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 1608

Quant Time: Nov 19 23:58:35 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)

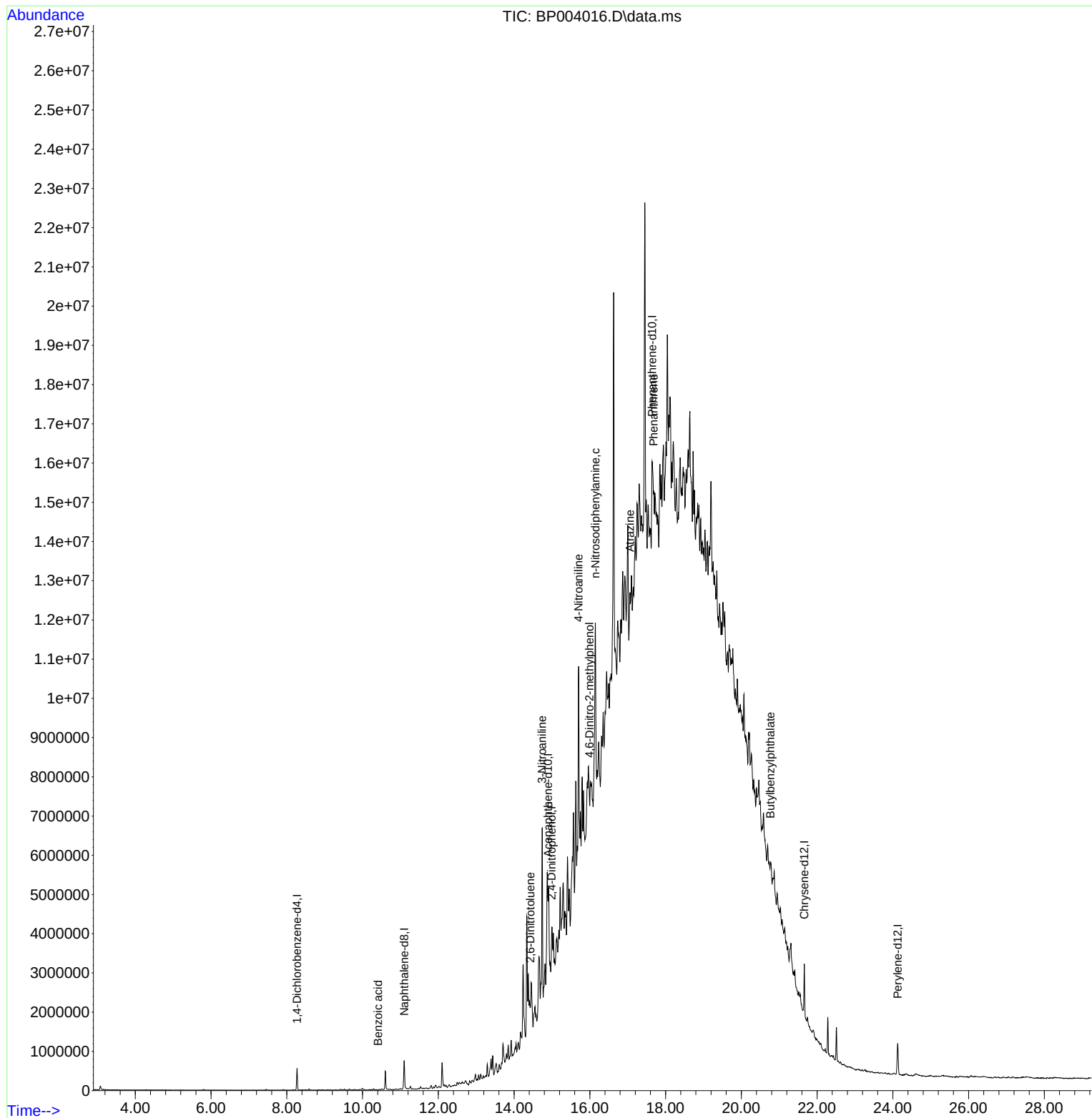
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.269	152	144287	20.00	ng	-0.01
21) Naphthalene-d8	11.098	136	563864	20.00	ng	#-0.02
39) Acenaphthene-d10	14.898	164	323689	20.00	ng	-0.01
64) Phenanthrene-d10	17.645	188	564476	20.00	ng	# 0.00
76) Chrysene-d12	21.663	240	607112	20.00	ng	-0.01
86) Perylene-d12	24.127	264	641699	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.805	112	8274	0.96	ng	0.00
7) Phenol-d6	7.452	99	11269	0.91	ng	0.00
23) Nitrobenzene-d5	9.434	82	9245	0.80	ng	-0.01
42) 2,4,6-Tribromophenol	16.392	330	4481	1.11	ng	0.00
45) 2-Fluorobiphenyl	13.510	172	22620	0.98	ng	-0.02
79) Terphenyl-d14	20.133	244	31220	0.99	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.357	77	419	Below Cal	#	35
32) Benzoic acid	10.410	122	46	8.31	ng	# 1
51) 2,6-Dinitrotoluene	14.428	165	32048	6.17	ng	# 50
53) 3-Nitroaniline	14.739	138	29000	5.05	ng	# 32
54) 2,4-Dinitrophenol	14.986	184	790	3.16	ng	# 1
62) 4-Nitroaniline	15.704	138	83082	13.87	ng	# 80
65) 4,6-Dinitro-2-methylph...	15.992	198	7485	8.48	ng	# 1
66) n-Nitrosodiphenylamine	16.145	169	141239	8.17	ng	# 56
69) Atrazine	17.063	200	25724	4.53	ng	# 1
71) Phenanthrene	17.686	178	74422	2.35	ng	# 1
80) Butylbenzylphthalate	20.768	149	56664	3.69	ng	# 47

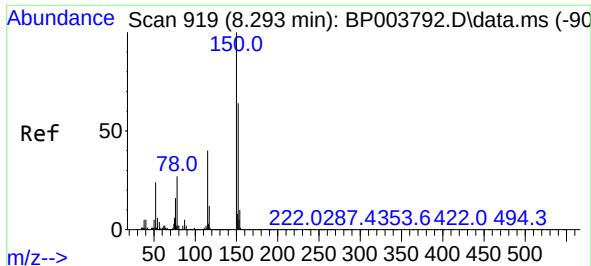
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111920\
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 12 15:22:47 2020
Response via : Initial Calibration

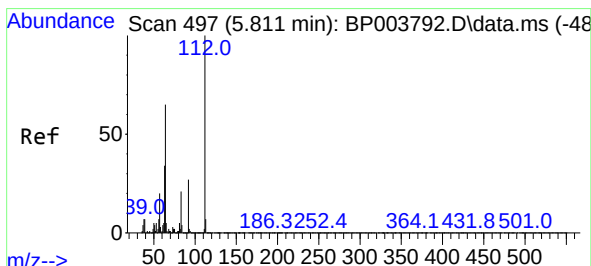
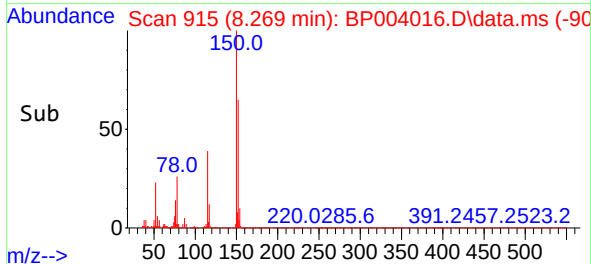
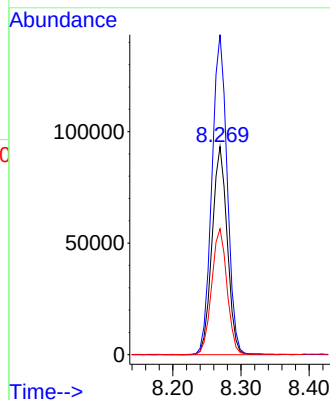
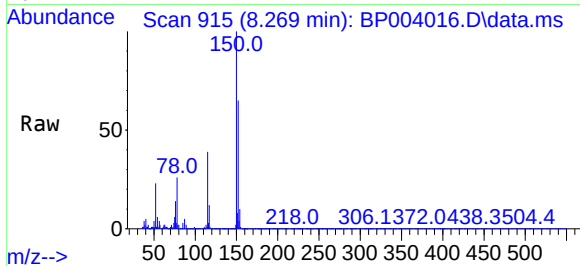




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.269 min Scan# 915
Delta R.T. -0.012 min
Lab File: BP004016.D
Acq: 19 Nov 2020 21:39

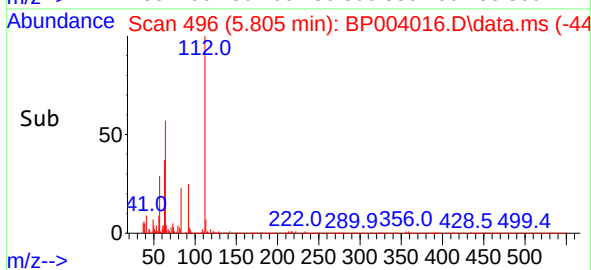
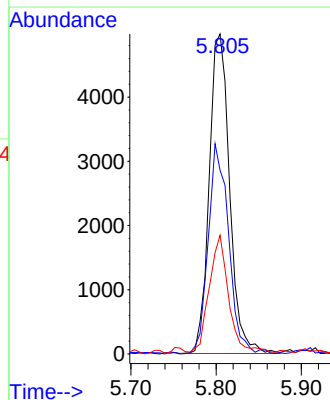
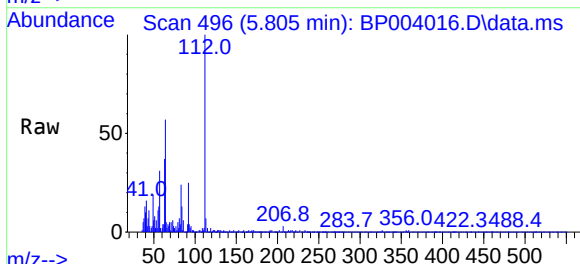
Instrument :
BNA_P
ClientSampleId :
1608

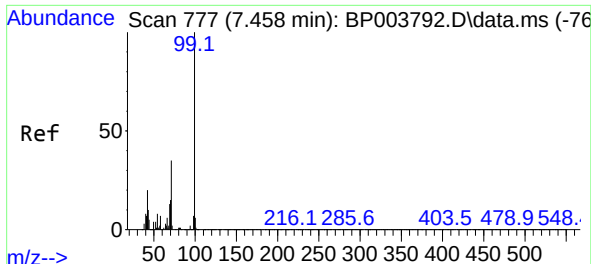
Tgt Ion:152 Resp: 144287
Ion Ratio Lower Upper
152 100
150 153.7 123.8 185.6
115 60.5 43.8 65.6



#5
2-Fluorophenol
Concen: 0.96 ng
RT: 5.805 min Scan# 496
Delta R.T. -0.000 min
Lab File: BP004016.D
Acq: 19 Nov 2020 21:39

Tgt Ion:112 Resp: 8274
Ion Ratio Lower Upper
112 100
64 57.4 32.8 49.2#
63 37.1 17.0 25.4#

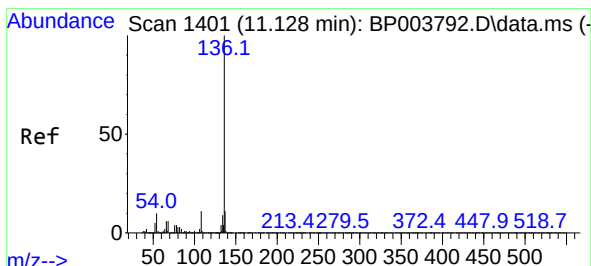
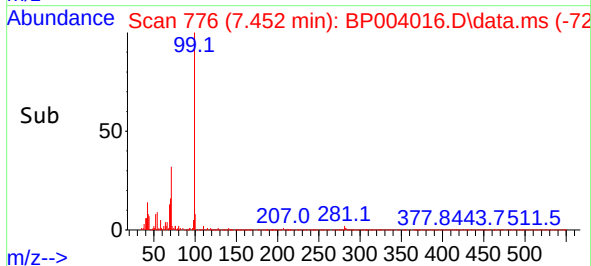
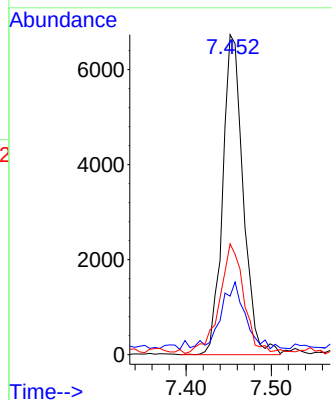
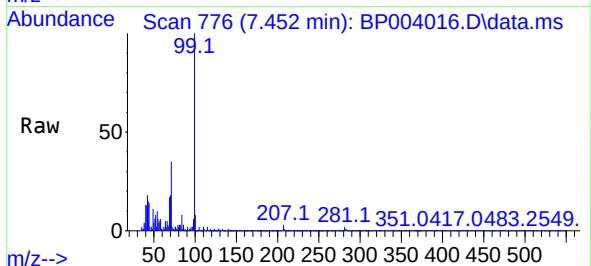




#7
Phenol-d6
Concen: 0.91 ng
RT: 7.452 min Scan# 776
Delta R.T. -0.000 min
Lab File: BP004016.D
Acq: 19 Nov 2020 21:39

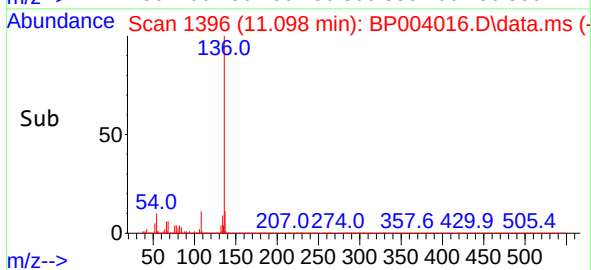
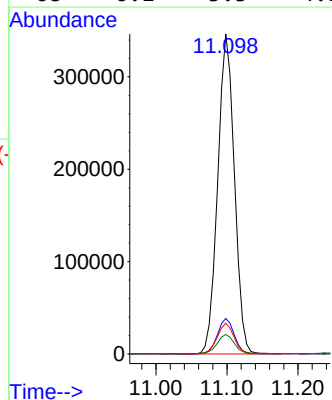
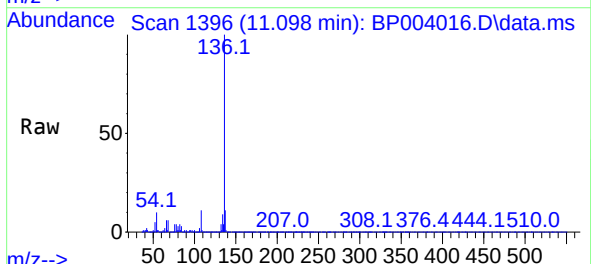
Instrument :
BNA_P
ClientSampleId :
1608

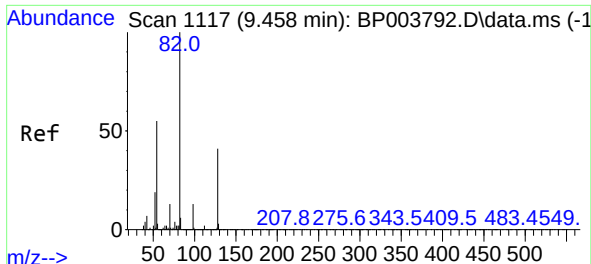
Tgt Ion:	99	Resp:	11269
Ion	Ratio	Lower	Upper
99	100		
42	18.3	8.6	13.0#
71	34.7	23.4	35.2



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.098 min Scan# 1396
Delta R.T. -0.018 min
Lab File: BP004016.D
Acq: 19 Nov 2020 21:39

Tgt Ion:	136	Resp:	563864
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	13.0
54	9.6	3.6	5.4#
68	6.1	3.3	4.9#

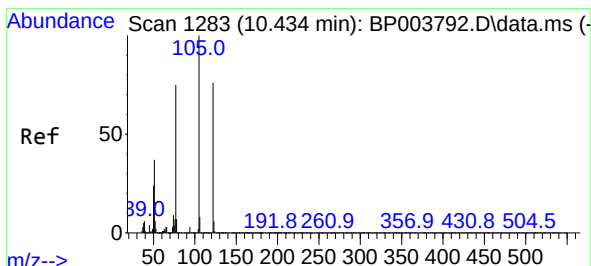
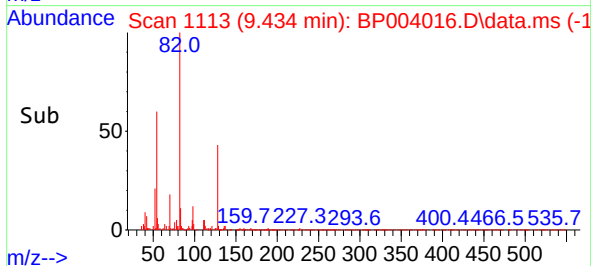
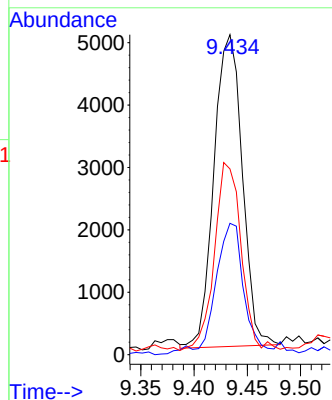
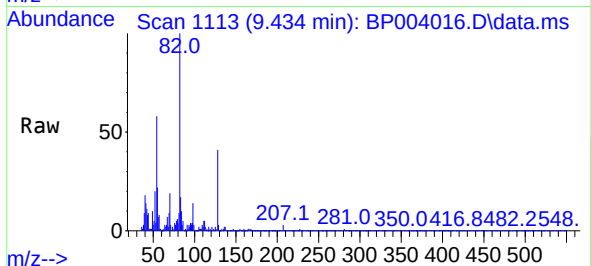




#23
Nitrobenzene-d5
Concen: 0.80 ng
RT: 9.434 min Scan# 1113
Delta R.T. -0.012 min
Lab File: BP004016.D
Acq: 19 Nov 2020 21:39

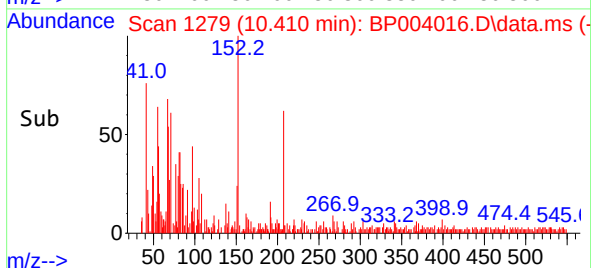
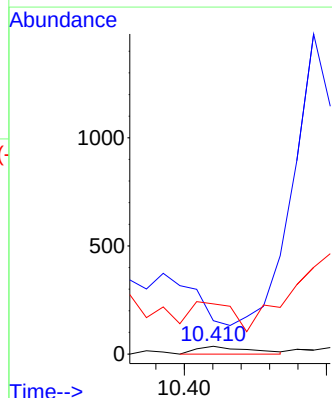
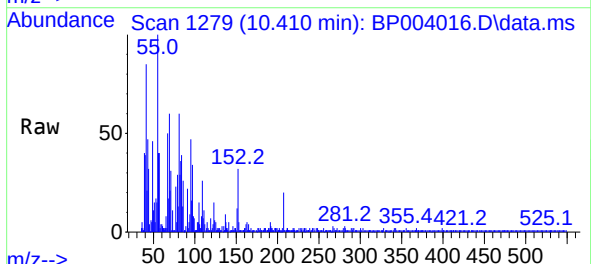
Instrument :
BNA_P
ClientSampled :
1608

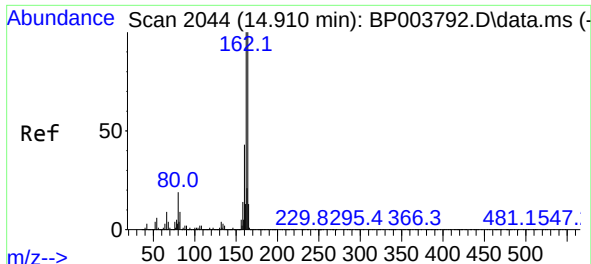
Tgt Ion:	82	Resp:	9245
Ion	Ratio	Lower	Upper
82	100		
128	41.0	45.6	68.4#
54	58.0	30.1	45.1#



#32
Benzoic acid
Concen: 8.31 ng
RT: 10.410 min Scan# 1279
Delta R.T. -0.029 min
Lab File: BP004016.D
Acq: 19 Nov 2020 21:39

Tgt Ion:	122	Resp:	46
Ion	Ratio	Lower	Upper
122	100		
105	533.3	94.1	134.1#
77	644.4	50.1	90.1#

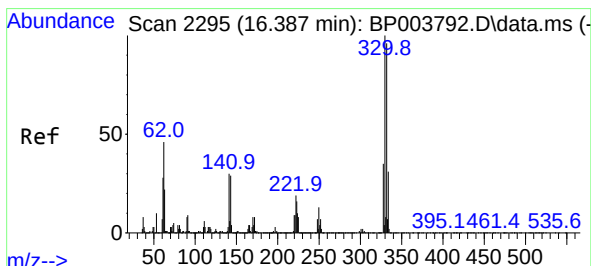
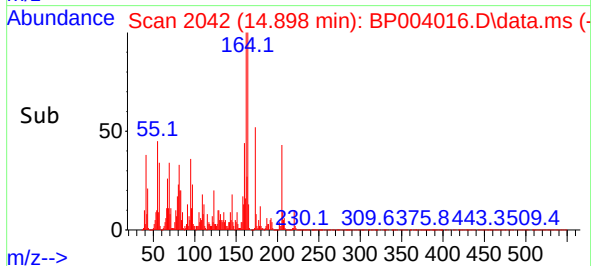
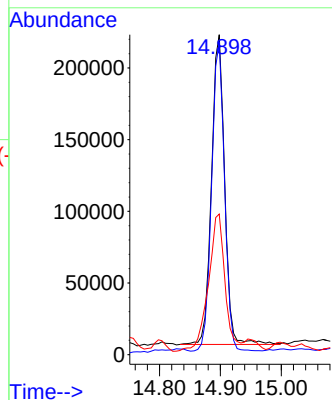
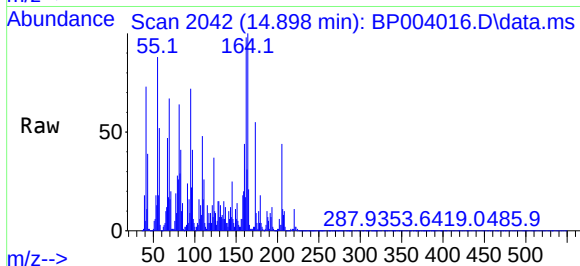




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.898 min Scan# 2042
Delta R.T. -0.012 min
Lab File: BP004016.D
Acq: 19 Nov 2020 21:39

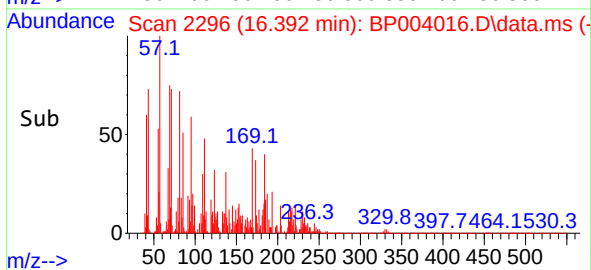
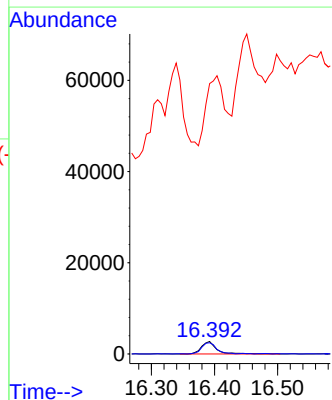
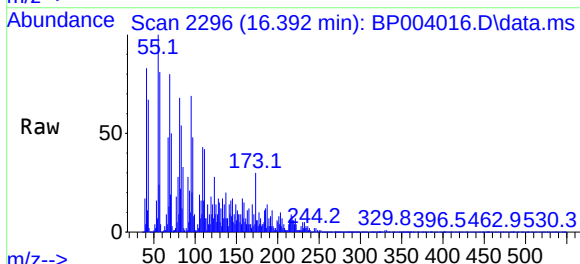
Instrument :
BNA_P
ClientSampled :
1608

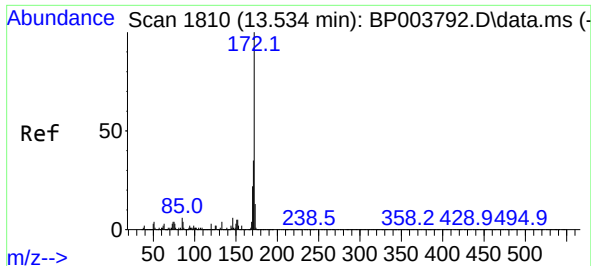
Tgt Ion:164 Resp: 323689
Ion Ratio Lower Upper
164 100
162 97.6 79.4 119.2
160 44.0 36.1 54.1



#42
2,4,6-Tribromophenol
Concen: 1.11 ng
RT: 16.392 min Scan# 2296
Delta R.T. -0.000 min
Lab File: BP004016.D
Acq: 19 Nov 2020 21:39

Tgt Ion:330 Resp: 4481
Ion Ratio Lower Upper
330 100
332 87.7 77.1 115.7
141 711.6 23.4 35.2#

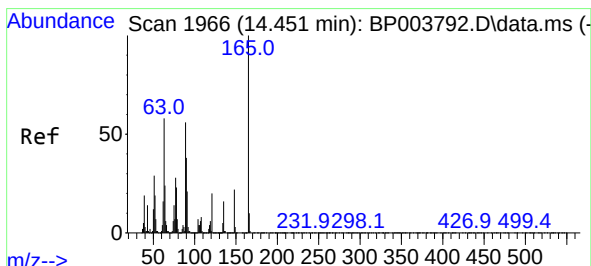
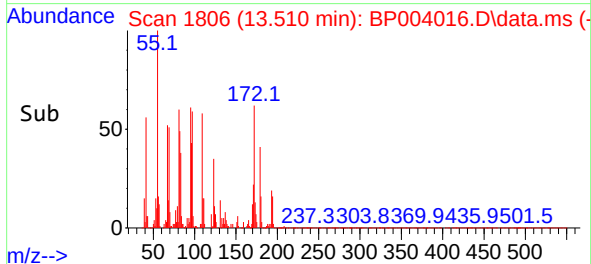
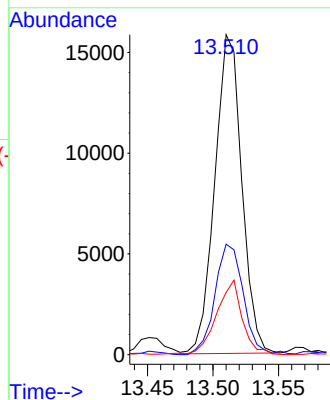
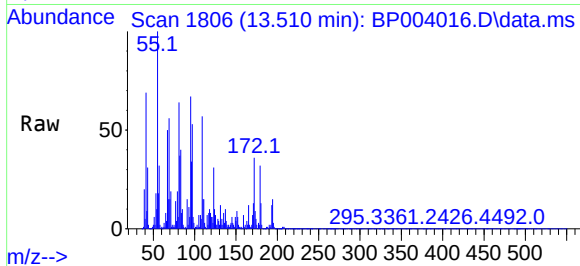




#45
2-Fluorobiphenyl
Concen: 0.98 ng
RT: 13.510 min Scan# 1806
Delta R.T. -0.018 min
Lab File: BP004016.D
Acq: 19 Nov 2020 21:39

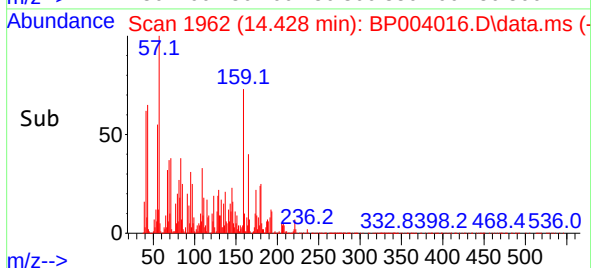
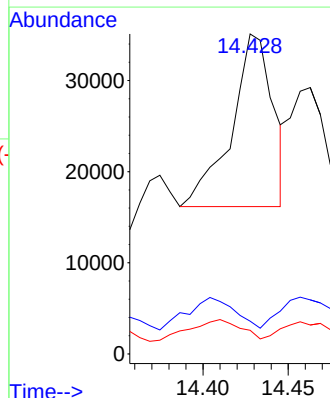
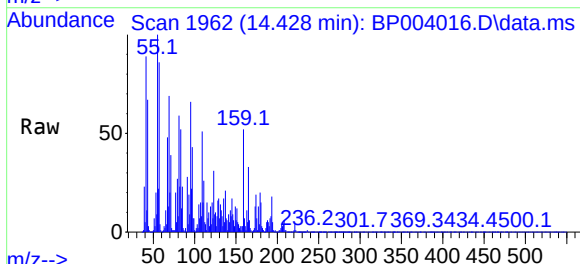
Instrument :
BNA_P
ClientSampled :
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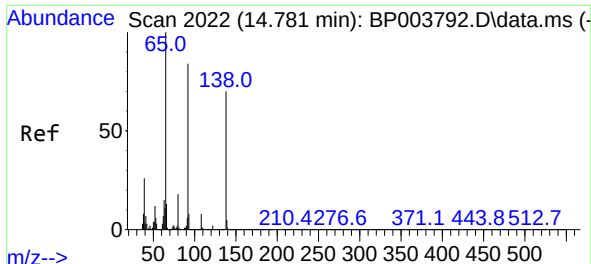
Tgt Ion:	172	Resp:	22620
Ion Ratio	Lower	Upper	
172	100		
171	34.6	28.5	42.7
170	19.5	19.2	28.8



#51
2,6-Dinitrotoluene
Concen: 6.17 ng
RT: 14.428 min Scan# 1962
Delta R.T. -0.024 min
Lab File: BP004016.D
Acq: 19 Nov 2020 21:39

Tgt Ion:	165	Resp:	32048
Ion Ratio	Lower	Upper	
165	100		
63	10.2	27.8	41.6#
89	7.4	34.6	52.0#

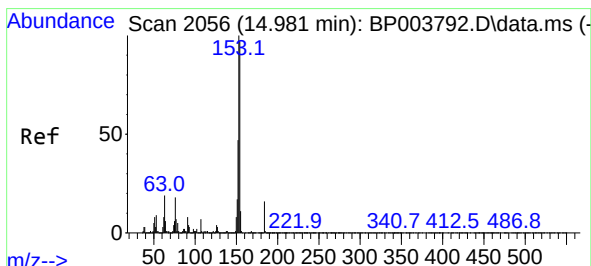
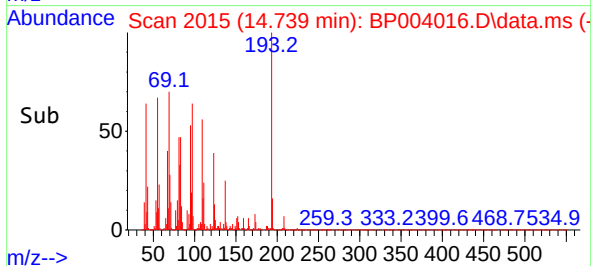
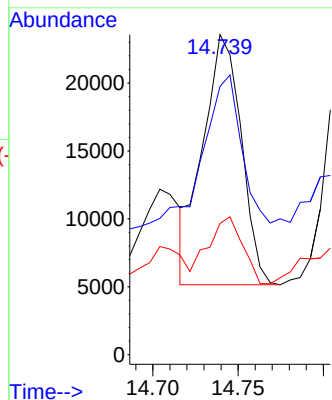
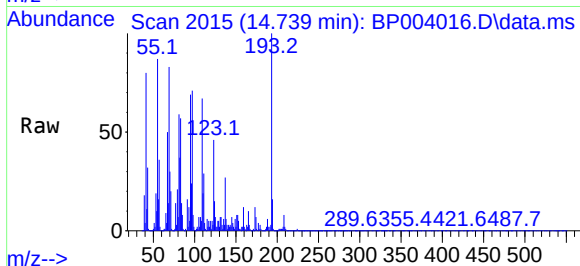




#53
3-Nitroaniline
Concen: 5.05 ng
RT: 14.739 min Scan# 2015
Delta R.T. -0.047 min
Lab File: BP004016.D
Acq: 19 Nov 2020 21:39

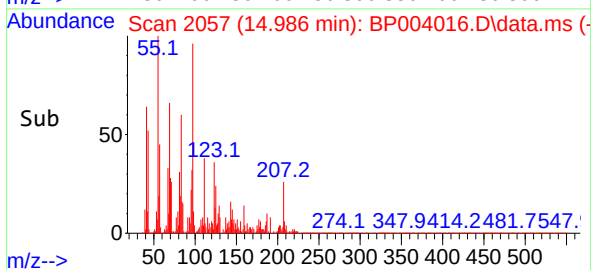
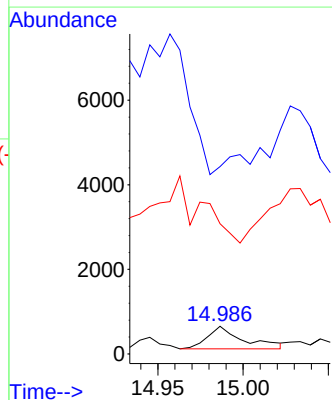
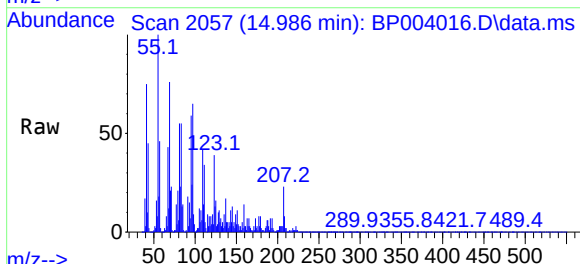
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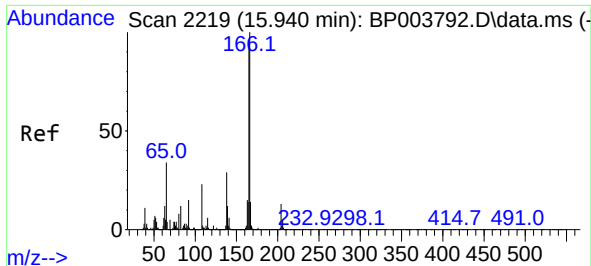
Tgt Ion:138 Resp: 29000
Ion Ratio Lower Upper
138 100
108 83.9 7.5 11.3#
92 41.0 75.0 112.6#



#54
2,4-Dinitrophenol
Concen: 3.16 ng
RT: 14.986 min Scan# 2057
Delta R.T. -0.012 min
Lab File: BP004016.D
Acq: 19 Nov 2020 21:39

Tgt Ion:184 Resp: 790
Ion Ratio Lower Upper
184 100
63 675.0 32.3 48.5#
154 469.4 49.1 73.7#

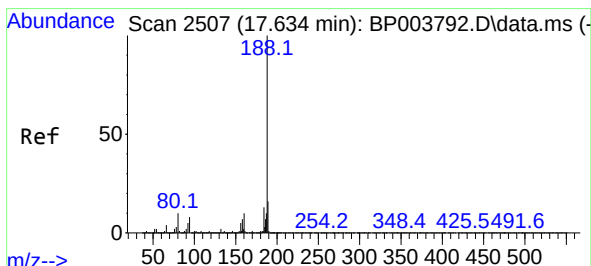
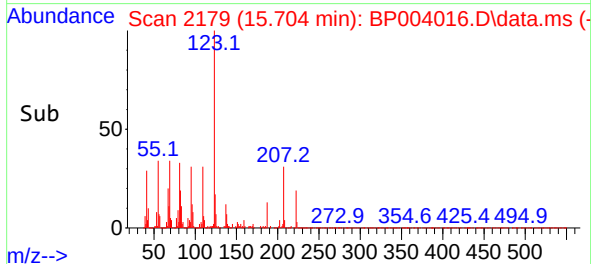
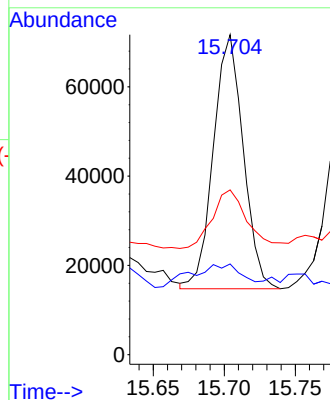
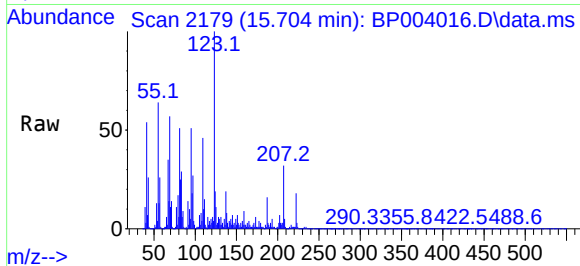




#62
4-Nitroaniline
Concen: 13.87 ng
RT: 15.704 min Scan# 2179
Delta R.T. -0.241 min
Lab File: BP004016.D
Acq: 19 Nov 2020 21:39

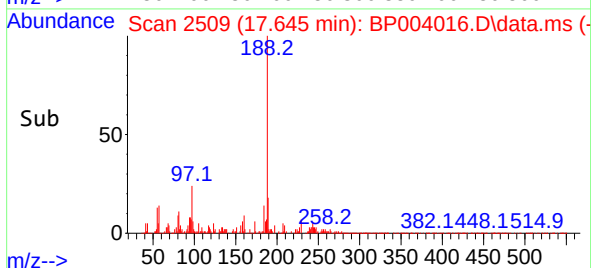
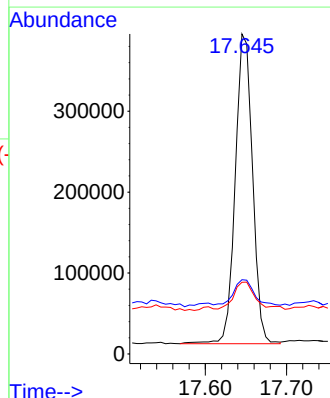
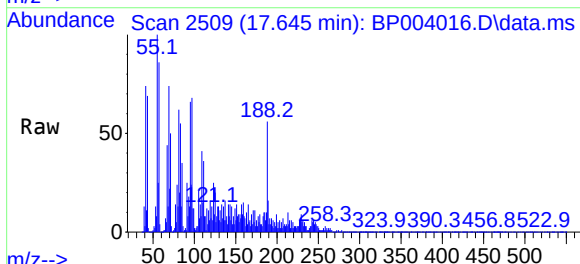
Instrument :
BNA_P
ClientSampleId :
1608

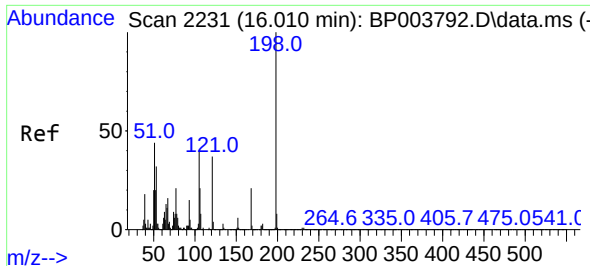
Tgt Ion:138 Resp: 83082
Ion Ratio Lower Upper
138 100
92 28.3 20.7 60.7
108 51.5 47.8 87.8



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.645 min Scan# 2509
Delta R.T. 0.006 min
Lab File: BP004016.D
Acq: 19 Nov 2020 21:39

Tgt Ion:188 Resp: 564476
Ion Ratio Lower Upper
188 100
94 23.2 6.2 9.2#
80 22.4 6.2 9.2#

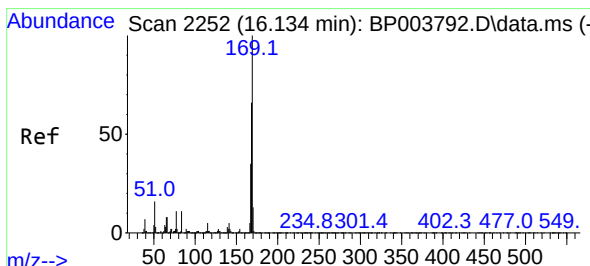
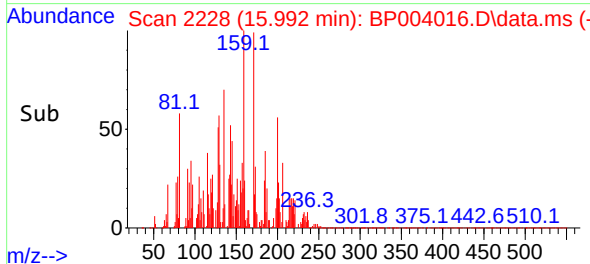
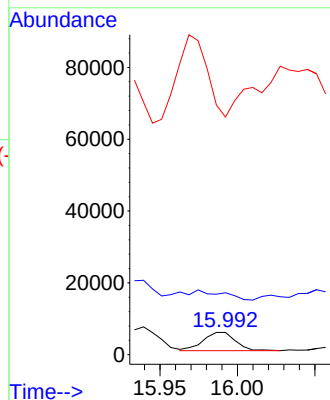
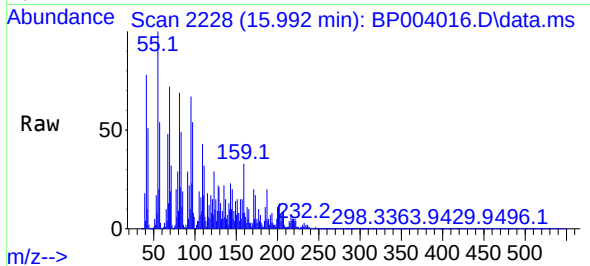




#65
4,6-Dinitro-2-methylphenol
Concen: 8.48 ng
RT: 15.992 min Scan# 2228
Delta R.T. -0.029 min
Lab File: BP004016.D
Acq: 19 Nov 2020 21:39

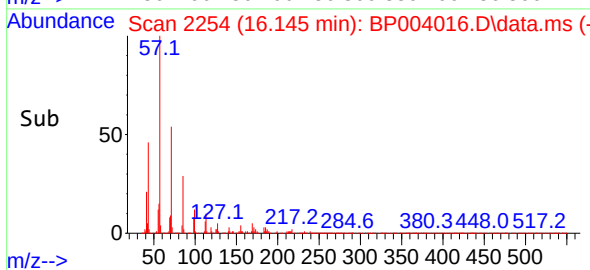
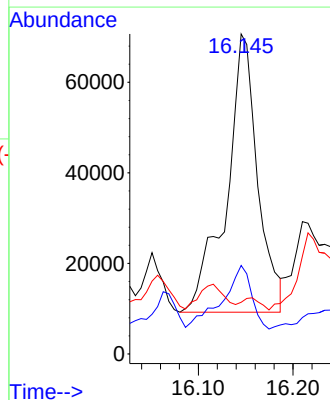
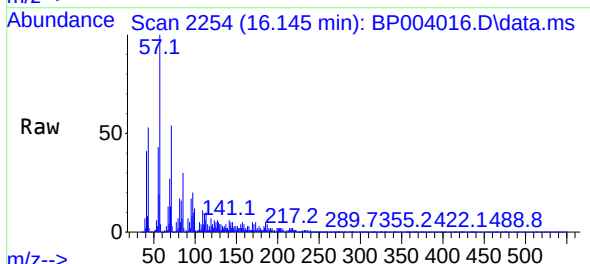
Instrument :
BNA_P
ClientSampleId :
1608

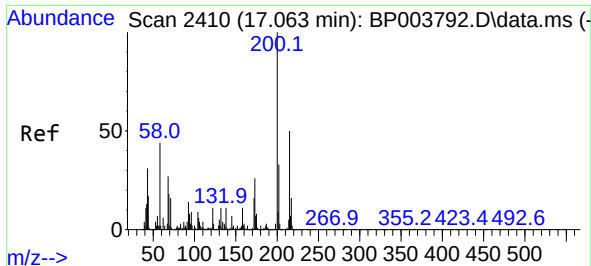
Tgt Ion:198 Resp: 7485
Ion Ratio Lower Upper
198 100
51 277.9 6.4 46.4#
105 1065.1 18.9 58.9#



#66
n-Nitrosodiphenylamine
Concen: 8.17 ng
RT: 16.145 min Scan# 2254
Delta R.T. 0.012 min
Lab File: BP004016.D
Acq: 19 Nov 2020 21:39

Tgt Ion:169 Resp: 141239
Ion Ratio Lower Upper
169 100
168 27.6 53.8 80.6#
167 16.1 28.9 43.3#

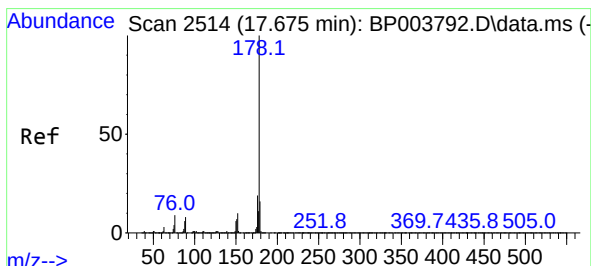
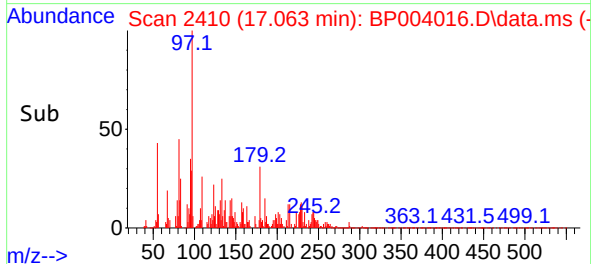
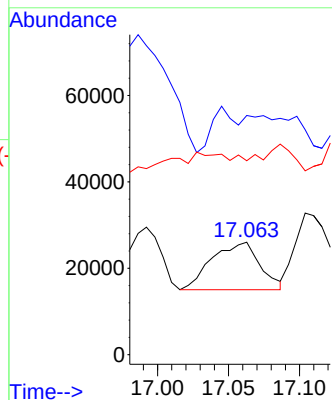
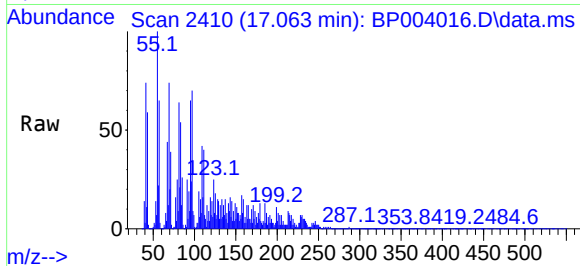




#69
Atrazine
Concen: 4.53 ng
RT: 17.063 min Scan# 2410
Delta R.T. -0.006 min
Lab File: BP004016.D
Acq: 19 Nov 2020 21:39

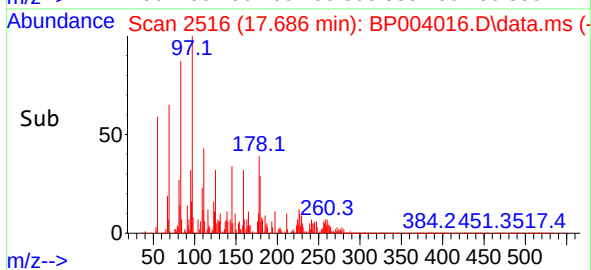
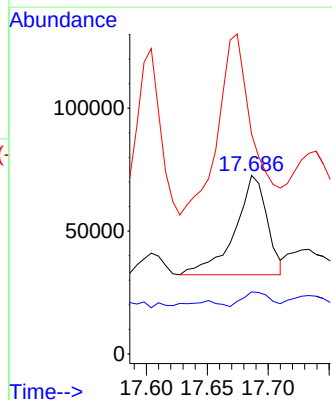
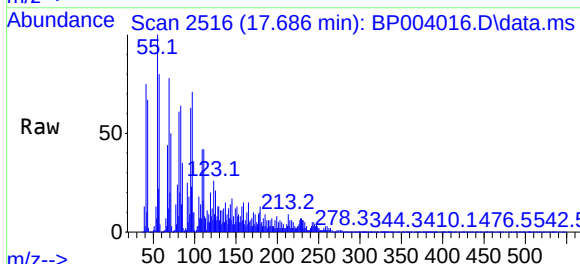
Instrument :
BNA_P
ClientSampleId :
1608

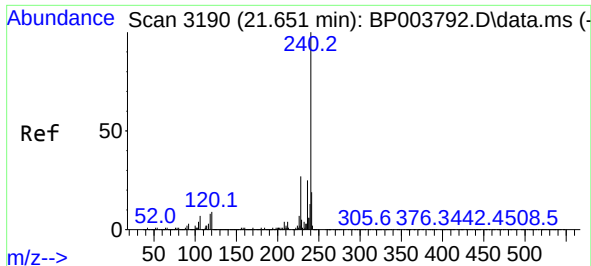
Tgt Ion:200 Resp: 25724
Ion Ratio Lower Upper
200 100
173 212.6 5.9 45.9#
215 172.3 28.4 68.4#



#71
Phenanthrene
Concen: 2.35 ng
RT: 17.686 min Scan# 2516
Delta R.T. 0.006 min
Lab File: BP004016.D
Acq: 19 Nov 2020 21:39

Tgt Ion:178 Resp: 74422
Ion Ratio Lower Upper
178 100
176 34.8 15.3 22.9#
179 123.2 12.5 18.7#

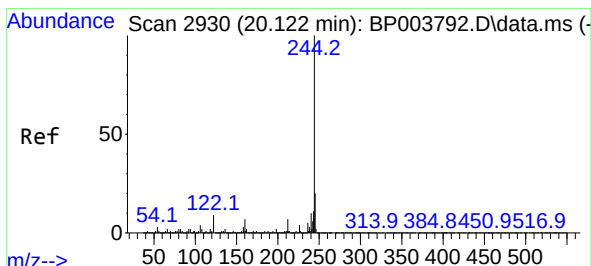
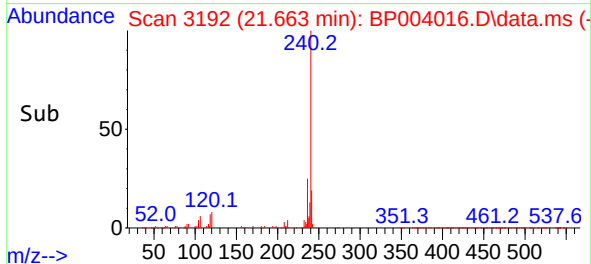
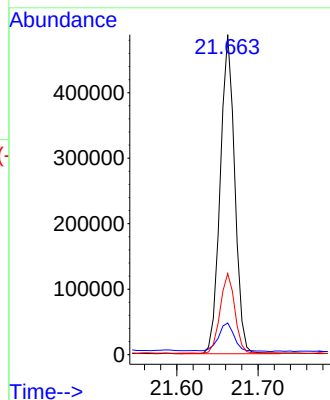
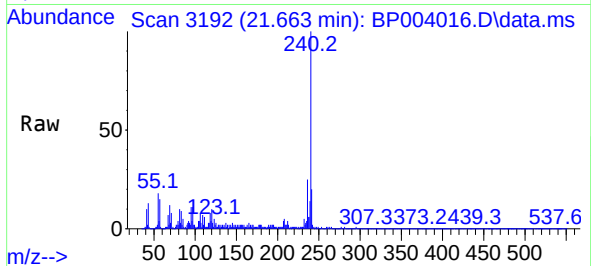




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.663 min Scan# 3192
Delta R.T. -0.012 min
Lab File: BP004016.D
Acq: 19 Nov 2020 21:39

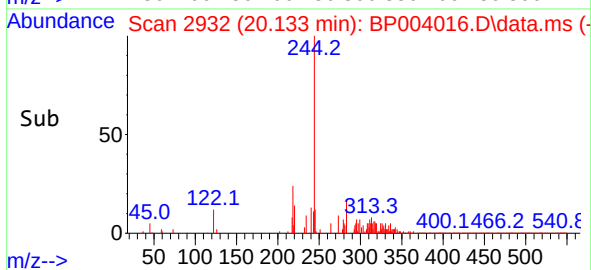
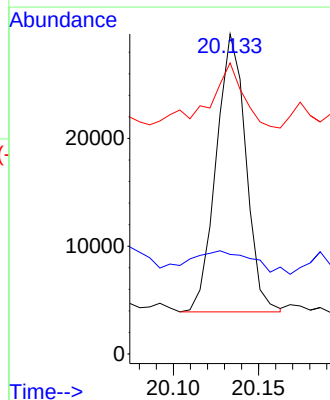
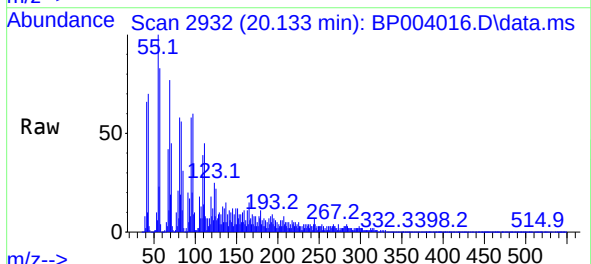
Instrument :
BNA_P
ClientSampled :
1608

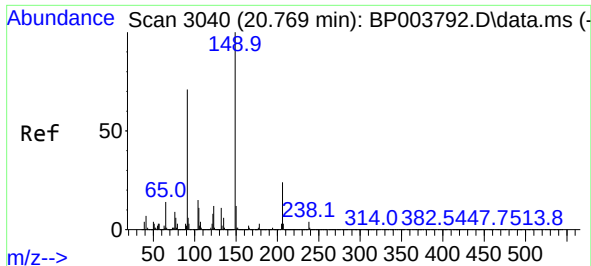
Tgt Ion:240 Resp: 607112
Ion Ratio Lower Upper
240 100
120 9.9 7.8 11.6
236 25.4 20.8 31.2



#79
Terphenyl-d14
Concen: 0.99 ng
RT: 20.133 min Scan# 2932
Delta R.T. -0.000 min
Lab File: BP004016.D
Acq: 19 Nov 2020 21:39

Tgt Ion:244 Resp: 31220
Ion Ratio Lower Upper
244 100
212 31.1 5.8 8.6#
122 91.0 7.8 11.8#

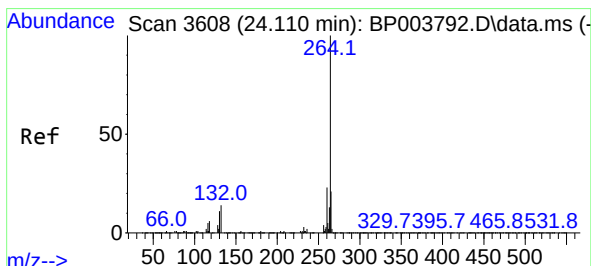
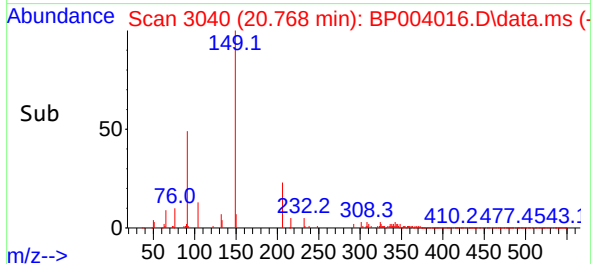
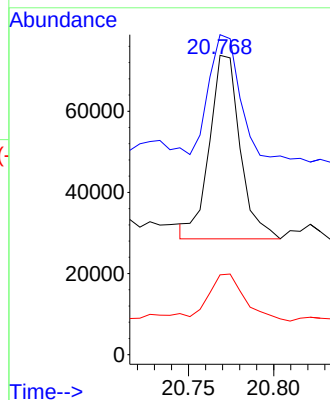
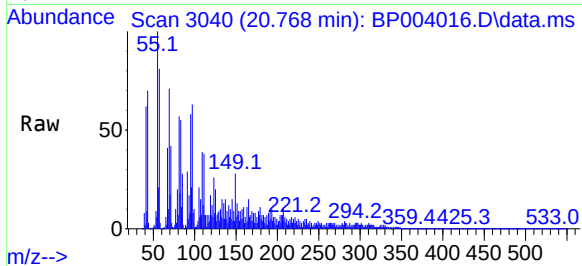




#80
Butylbenzylphthalate
Concen: 3.69 ng
RT: 20.768 min Scan# 3040
Delta R.T. -0.012 min
Lab File: BP004016.D
Acq: 19 Nov 2020 21:39

Instrument :
BNA_P
ClientSampleId :
1608

Tgt Ion:149 Resp: 56664
Ion Ratio Lower Upper
149 100
91 106.9 45.4 68.0#
206 26.7 17.1 25.7#



#86
Perylene-d12
Concen: 20.00 ng
RT: 24.127 min Scan# 3611
Delta R.T. -0.029 min
Lab File: BP004016.D
Acq: 19 Nov 2020 21:39

Tgt Ion:264 Resp: 641699
Ion Ratio Lower Upper
264 100
260 22.9 18.8 28.2
265 21.7 17.4 26.2

