

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111920\
 Data File : BP004015.D
 Acq On : 19 Nov 2020 21:06
 Operator : CG/JU
 Sample : L4779-05 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 1555

Quant Time: Nov 19 23:58:17 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

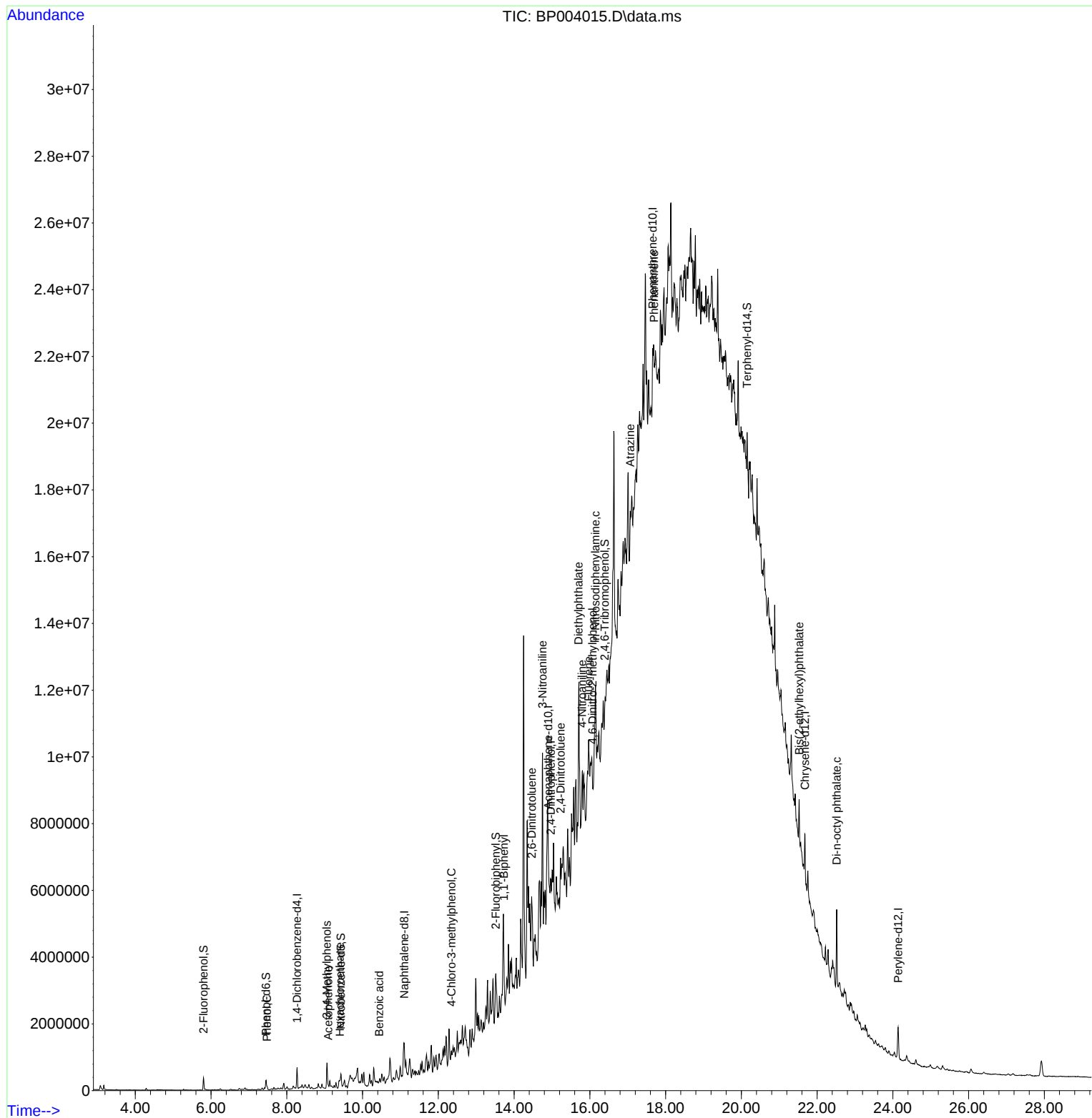
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.269	152	157717	20.00	ng	-0.01
21) Naphthalene-d8	11.098	136	597577	20.00	ng	#-0.02
39) Acenaphthene-d10	14.904	164	341506	20.00	ng	0.00
64) Phenanthrene-d10	17.657	188	567438	20.00	ng	# 0.02
76) Chrysene-d12	21.680	240	659556	20.00	ng	# 0.00
86) Perylene-d12	24.139	264	734021	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.799	112	155210	16.42	ng	0.00
7) Phenol-d6	7.452	99	156796	11.56	ng	0.00
23) Nitrobenzene-d5	9.428	82	209215	17.15	ng	-0.02
42) 2,4,6-Tribromophenol	16.392	330	106092	24.84	ng	0.00
45) 2-Fluorobiphenyl	13.516	172	425946	17.44	ng	-0.01
79) Terphenyl-d14	20.151	244	523959	15.35	ng	0.02
Target Compounds						
9) Benzaldehyde	7.346	77	4477	Below Cal	#	1
10) Phenol	7.475	94	28307	2.16	ng	75
18) Hexachloroethane	9.399	117	16688	3.79	ng	# 1
20) 3+4-Methylphenols	9.057	107	324852	28.32	ng	92
22) Acetophenone	9.093	105	43066	2.68	ng	# 78
32) Benzoic acid	10.440	122	421	8.37	ng	# 1
36) 4-Chloro-3-methylphenol	12.345	107	32521	3.17	ng	# 17
46) 1,1'-Biphenyl	13.728	154	173335	6.54	ng	97
51) 2,6-Dinitrotoluene	14.469	165	60292	11.01	ng	# 77
53) 3-Nitroaniline	14.751	138	37908	6.25	ng	# 38
54) 2,4-Dinitrophenol	14.969	184	1493	3.50	ng	# 1
57) 2,4-Dinitrotoluene	15.228	165	15484	2.11	ng	# 68
58) Fluorene	15.963	166	118244	4.67	ng	# 1
60) Diethylphthalate	15.704	149	75124	2.87	ng	# 28
62) 4-Nitroaniline	15.798	138	119147	18.85	ng	93
65) 4,6-Dinitro-2-methylph...	16.075	198	7319	8.42	ng	# 1
66) n-Nitrosodiphenylamine	16.151	169	69228	3.99	ng	# 66
69) Atrazine	17.069	200	59676	10.46	ng	# 1
71) Phenanthrene	17.698	178	114442	3.59	ng	# 1
84) Bis(2-ethylhexyl)phtha...	21.527	149	459600	18.70	ng	# 95
85) Di-n-octyl phthalate	22.515	149	397119	9.70	ng	# 34

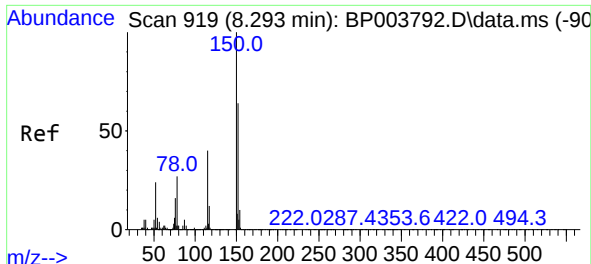
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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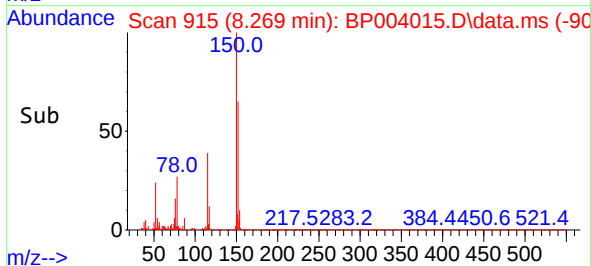
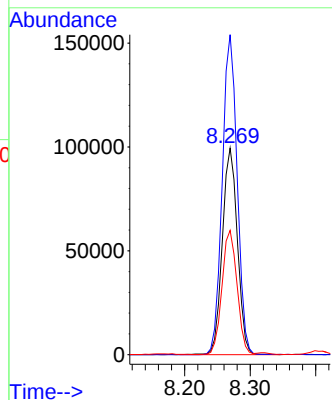
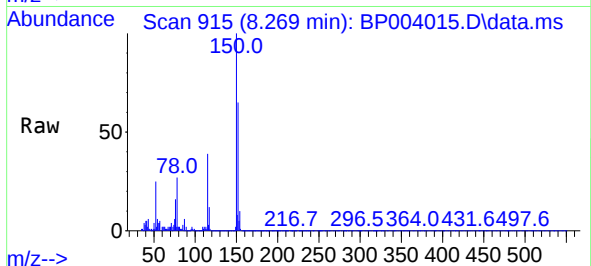




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.269 min Scan# 915
Delta R.T. -0.012 min
Lab File: BP004015.D
Acq: 19 Nov 2020 21:06

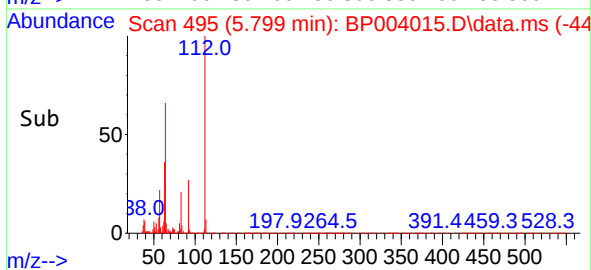
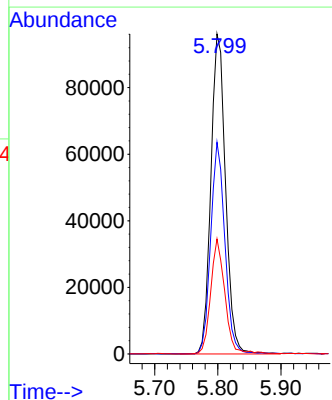
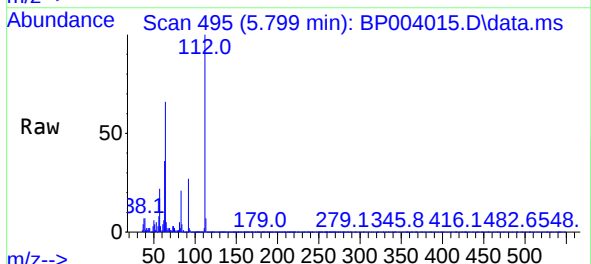
Instrument :
BNA_P
ClientSampleId :
1555

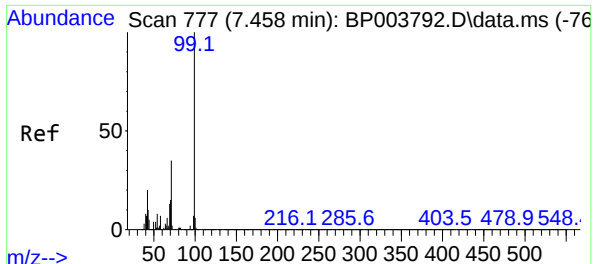
Tgt Ion:152 Resp: 157717
Ion Ratio Lower Upper
152 100
150 155.0 123.8 185.6
115 60.2 43.8 65.6



#5
2-Fluorophenol
Concen: 16.42 ng
RT: 5.799 min Scan# 495
Delta R.T. -0.006 min
Lab File: BP004015.D
Acq: 19 Nov 2020 21:06

Tgt Ion:112 Resp: 155210
Ion Ratio Lower Upper
112 100
64 66.1 32.8 49.2#
63 35.9 17.0 25.4#

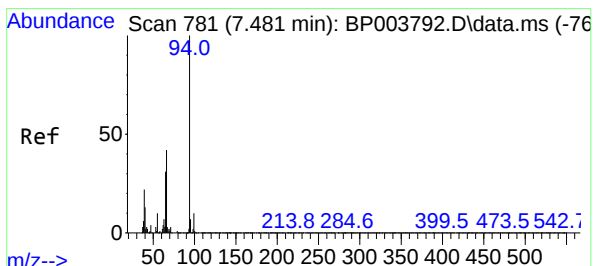
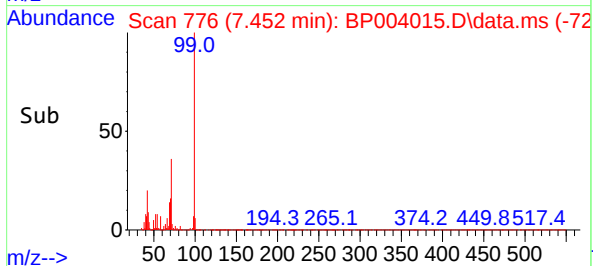
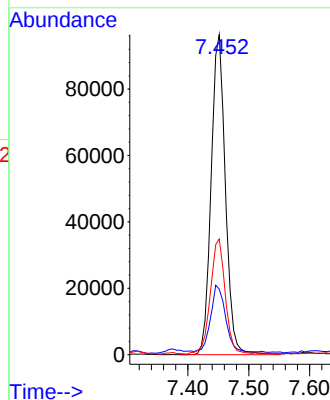
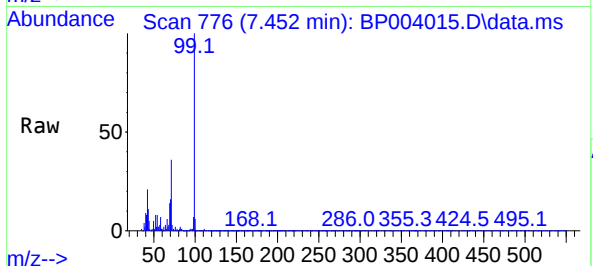




#7
Phenol-d6
Concen: 11.56 ng
RT: 7.452 min Scan# 776
Delta R.T. 0.000 min
Lab File: BP004015.D
Acq: 19 Nov 2020 21:06

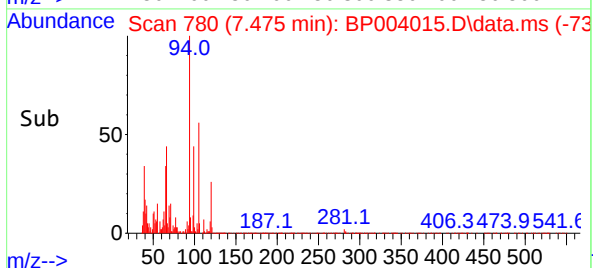
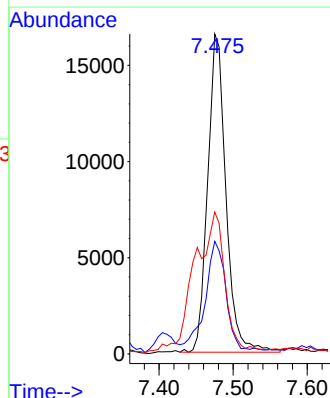
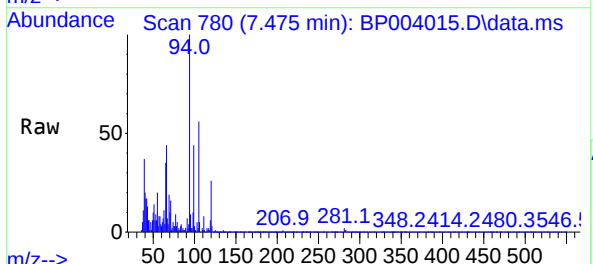
Instrument :
BNA_P
ClientSampleId :
1555

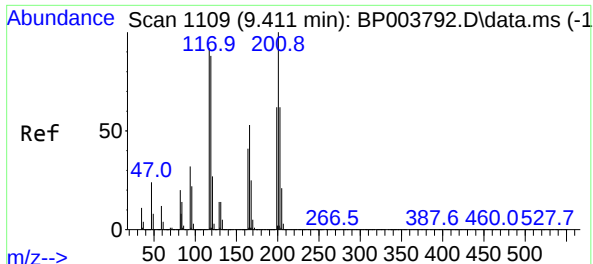
Tgt Ion: 99 Resp: 156796
Ion Ratio Lower Upper
99 100
42 20.5 8.6 13.0#
71 36.2 23.4 35.2#



#10
Phenol
Concen: 2.16 ng
RT: 7.475 min Scan# 780
Delta R.T. -0.006 min
Lab File: BP004015.D
Acq: 19 Nov 2020 21:06

Tgt Ion: 94 Resp: 28307
Ion Ratio Lower Upper
94 100
65 35.2 2.3 42.3
66 44.3 10.9 50.9

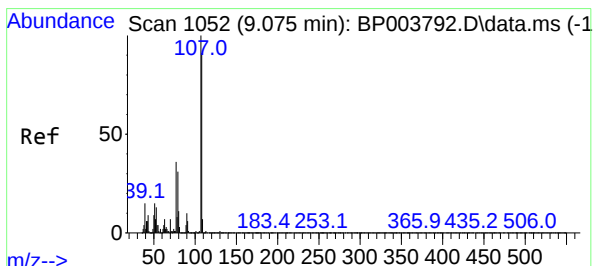
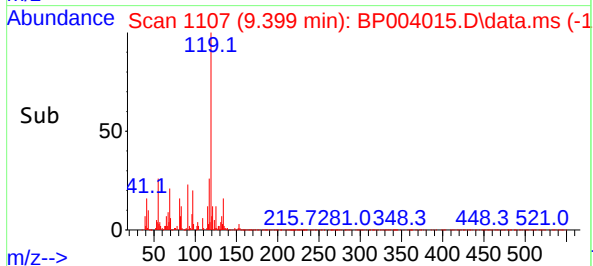
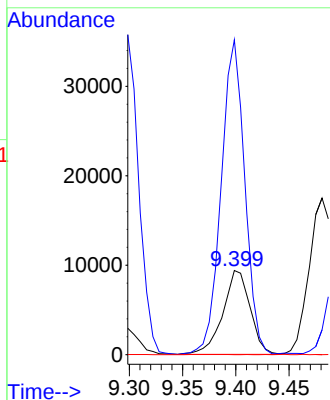
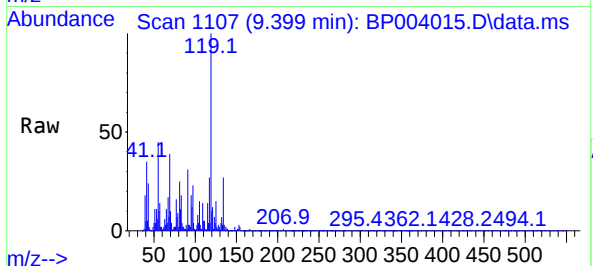




#18
Hexachloroethane
Concen: 3.79 ng
RT: 9.399 min Scan# 1107
Delta R.T. 0.006 min
Lab File: BP004015.D
Acq: 19 Nov 2020 21:06

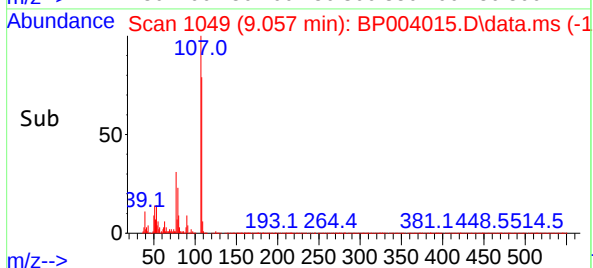
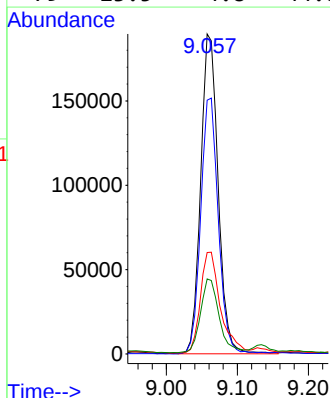
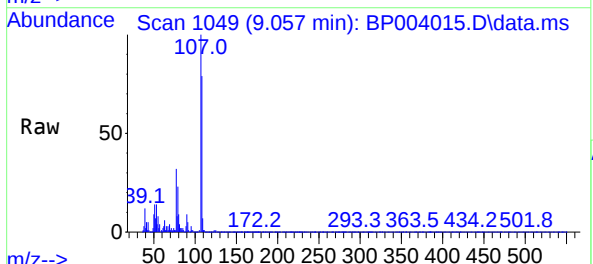
Instrument :
BNA_P
ClientSampleId :
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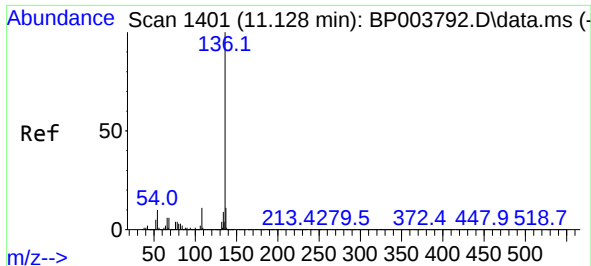
Tgt Ion:117 Resp: 16688
Ion Ratio Lower Upper
117 100
119 374.0 78.8 118.2#
201 0.0 92.3 138.5#



#20
3+4-Methylphenols
Concen: 28.32 ng
RT: 9.057 min Scan# 1049
Delta R.T. -0.018 min
Lab File: BP004015.D
Acq: 19 Nov 2020 21:06

Tgt Ion:107 Resp: 324852
Ion Ratio Lower Upper
107 100
108 79.3 69.0 109.0
77 31.7 8.5 48.5
79 23.5 4.8 44.8

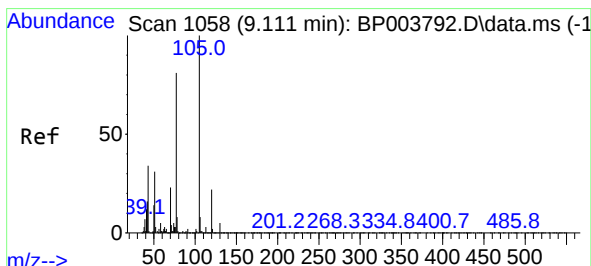
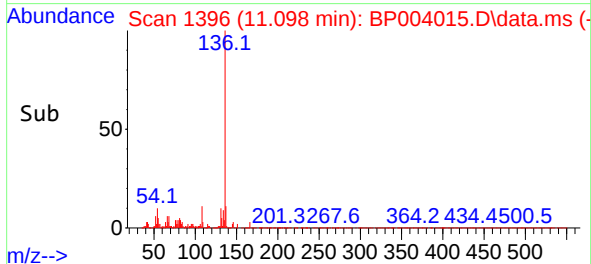
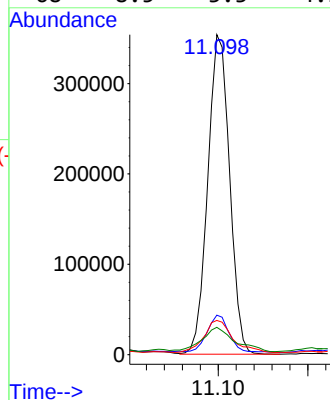
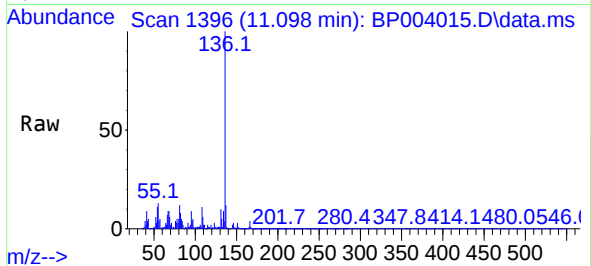




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.098 min Scan# 1396
Delta R.T. -0.018 min
Lab File: BP004015.D
Acq: 19 Nov 2020 21:06

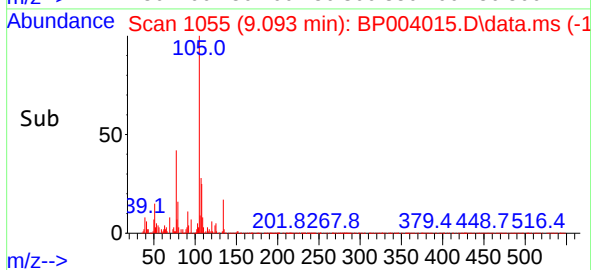
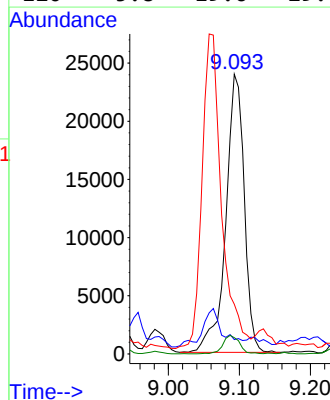
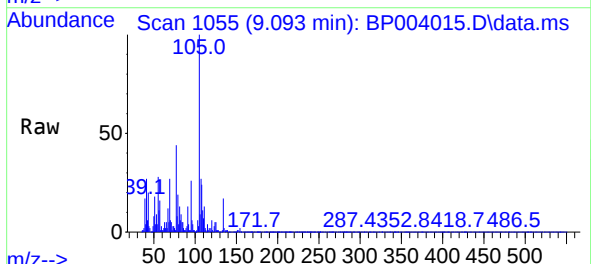
Instrument :
BNA_P
ClientSampled :
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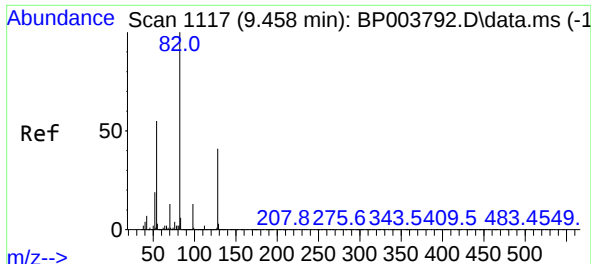
Tgt Ion:	136	Resp:	597577
Ion	Ratio	Lower	Upper
136	100		
137	12.3	8.6	13.0
54	10.7	3.6	5.4#
68	8.5	3.3	4.9#



#22
Acetophenone
Concen: 2.68 ng
RT: 9.093 min Scan# 1055
Delta R.T. -0.012 min
Lab File: BP004015.D
Acq: 19 Nov 2020 21:06

Tgt Ion:	105	Resp:	43066
Ion	Ratio	Lower	Upper
105	100		
71	5.2	2.6	3.8#
51	17.8	13.5	20.3
120	5.8	19.6	29.4#

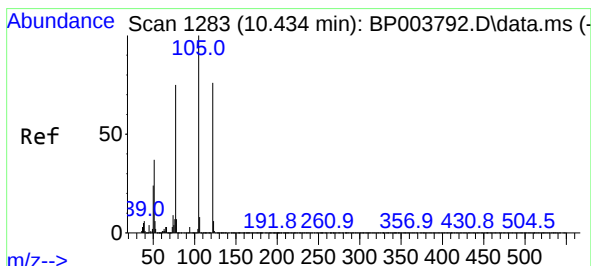
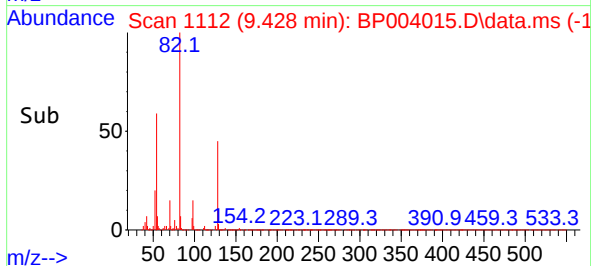
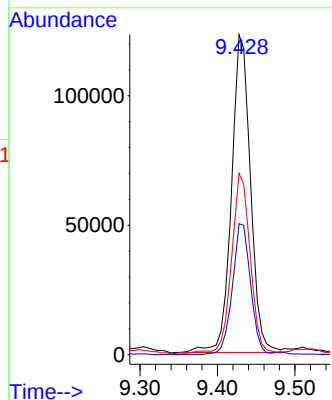
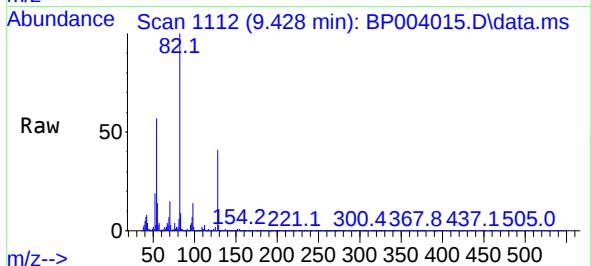




#23
Nitrobenzene-d5
Concen: 17.15 ng
RT: 9.428 min Scan# 1112
Delta R.T. -0.018 min
Lab File: BP004015.D
Acq: 19 Nov 2020 21:06

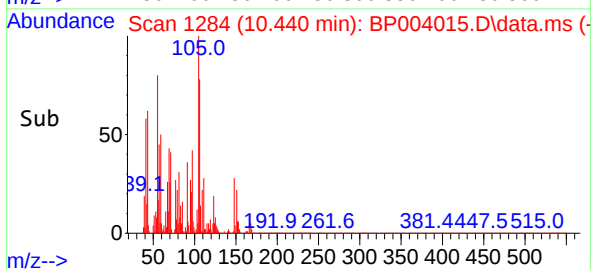
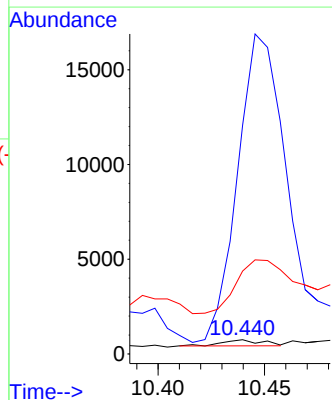
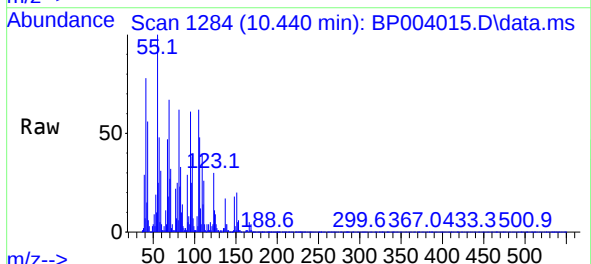
Instrument :
BNA_P
ClientSampleId :
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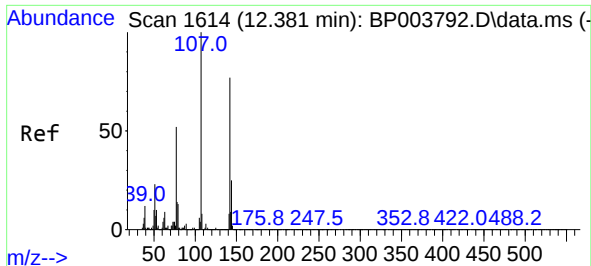
Tgt Ion: 82 Resp: 209215
Ion Ratio Lower Upper
82 100
128 41.0 45.6 68.4#
54 56.7 30.1 45.1#



#32
Benzoic acid
Concen: 8.37 ng
RT: 10.440 min Scan# 1284
Delta R.T. 0.000 min
Lab File: BP004015.D
Acq: 19 Nov 2020 21:06

Tgt Ion: 122 Resp: 421
Ion Ratio Lower Upper
122 100
105 1613.5 94.1 134.1#
77 584.5 50.1 90.1#

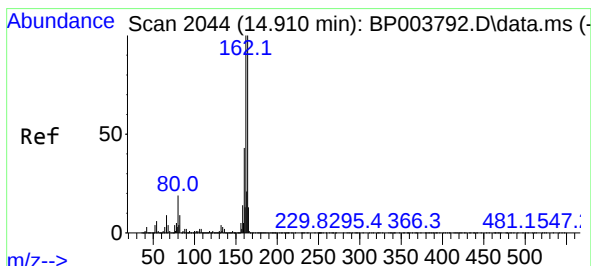
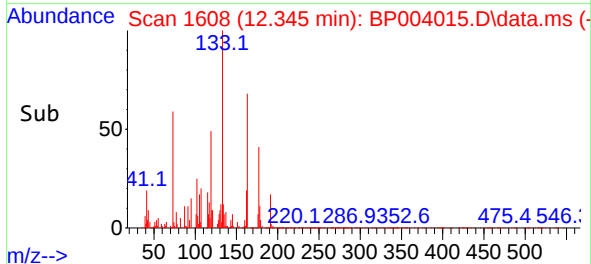
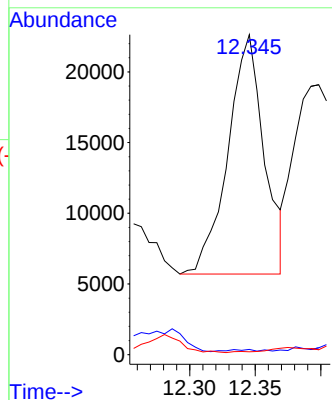
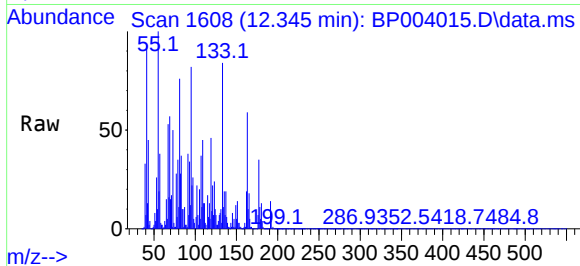




#36
4-Chloro-3-methylphenol
Concen: 3.17 ng
RT: 12.345 min Scan# 1608
Delta R.T. -0.041 min
Lab File: BP004015.D
Acq: 19 Nov 2020 21:06

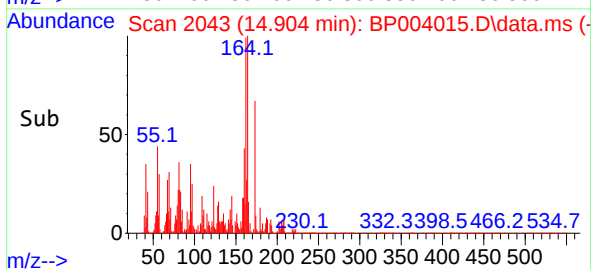
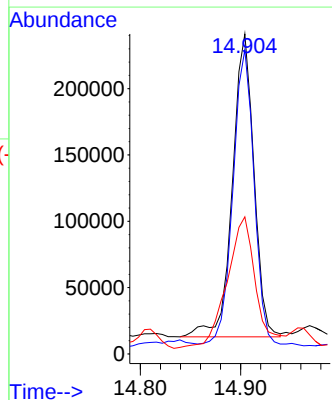
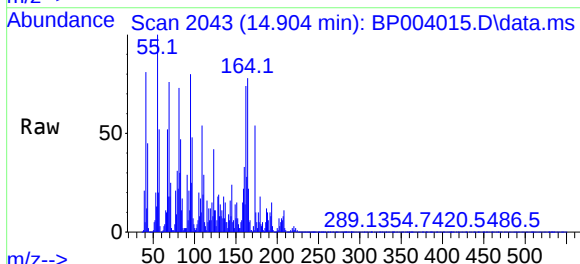
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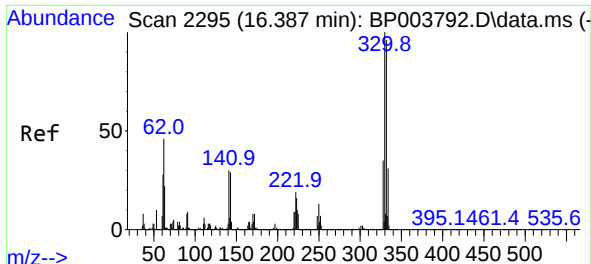
Tgt Ion:107 Resp: 32521
Ion Ratio Lower Upper
107 100
144 1.6 22.7 34.1#
142 0.9 70.7 106.1#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.904 min Scan# 2043
Delta R.T. -0.006 min
Lab File: BP004015.D
Acq: 19 Nov 2020 21:06

Tgt Ion:164 Resp: 341506
Ion Ratio Lower Upper
164 100
162 95.0 79.4 119.2
160 42.8 36.1 54.1

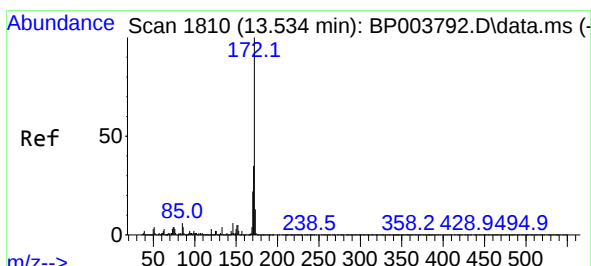
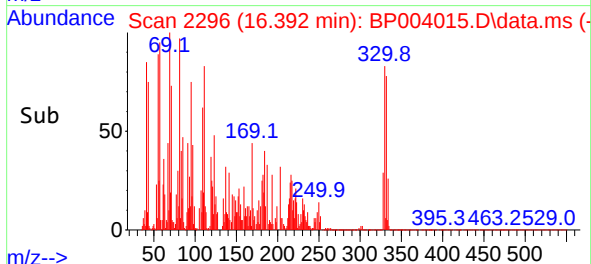
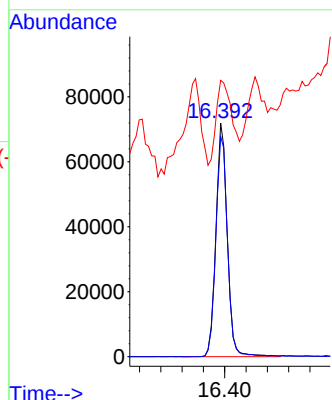
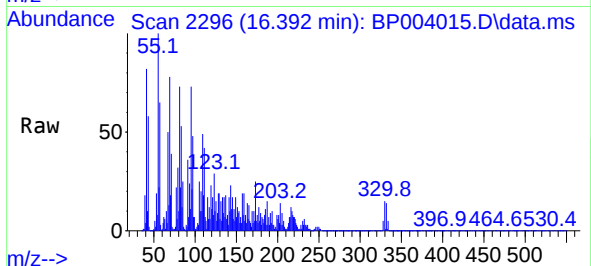




#42
2,4,6-Tribromophenol
Concen: 24.84 ng
RT: 16.392 min Scan# 2296
Delta R.T. 0.000 min
Lab File: BP004015.D
Acq: 19 Nov 2020 21:06

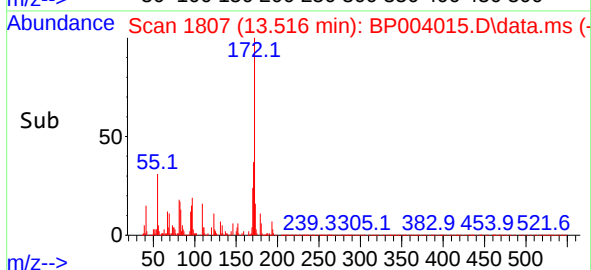
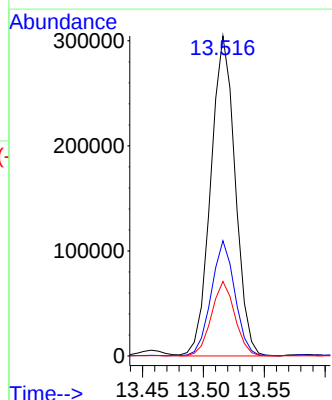
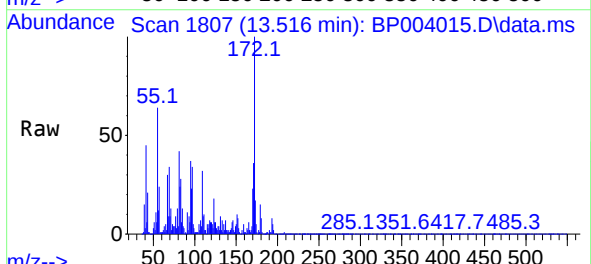
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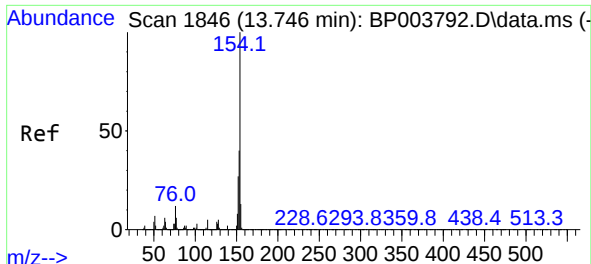
Tgt Ion:330 Resp: 106092
Ion Ratio Lower Upper
330 100
332 97.2 77.1 115.7
141 51.1 23.4 35.2#



#45
2-Fluorobiphenyl
Concen: 17.44 ng
RT: 13.516 min Scan# 1807
Delta R.T. -0.012 min
Lab File: BP004015.D
Acq: 19 Nov 2020 21:06

Tgt Ion:172 Resp: 425946
Ion Ratio Lower Upper
172 100
171 36.0 28.5 42.7
170 23.3 19.2 28.8

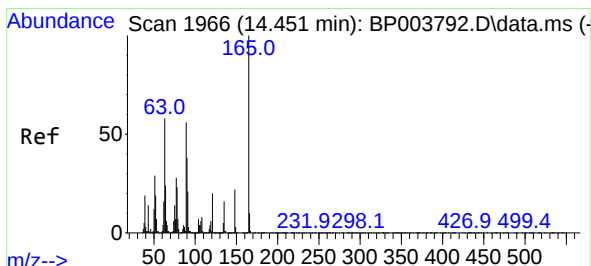
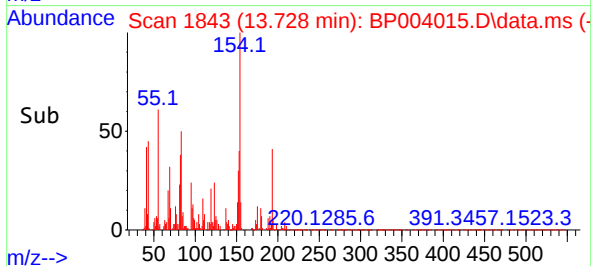
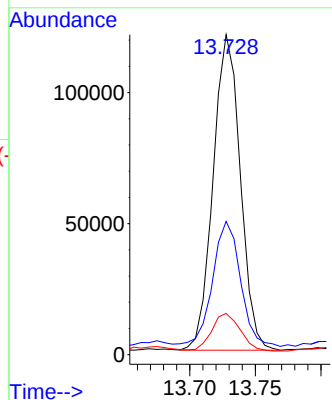
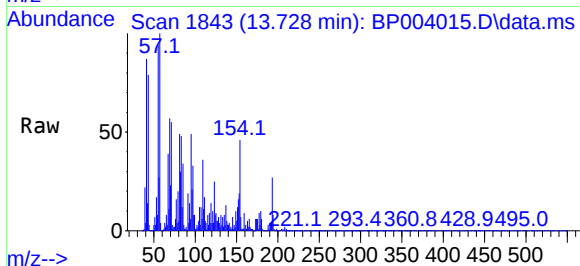




#46
1,1'-Biphenyl
Concen: 6.54 ng
RT: 13.728 min Scan# 1843
Delta R.T. -0.012 min
Lab File: BP004015.D
Acq: 19 Nov 2020 21:06

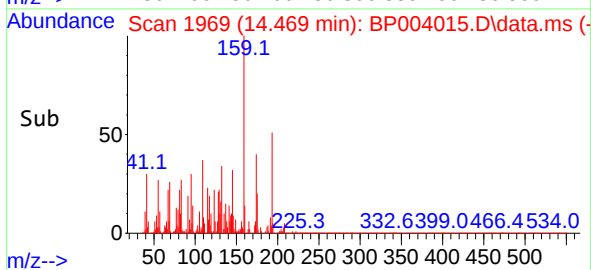
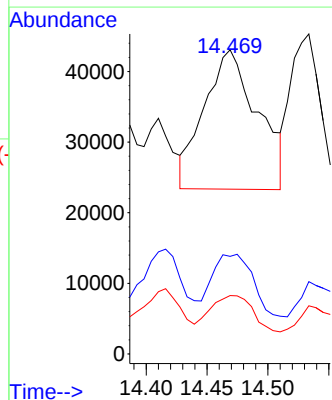
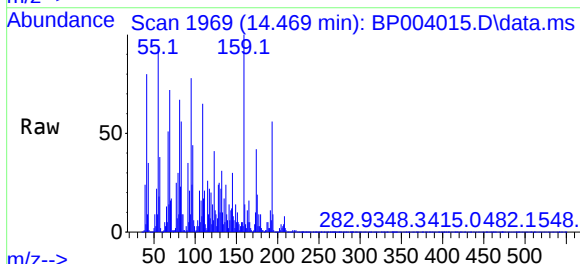
Instrument :
BNA_P
ClientSampleId :
1555

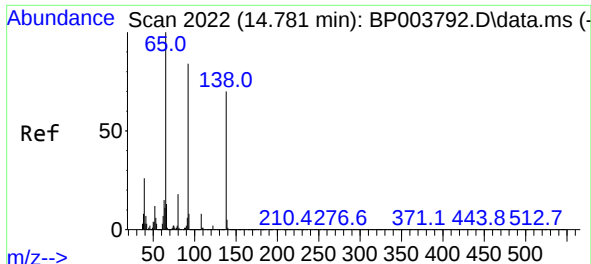
Tgt Ion:154 Resp: 173335
Ion Ratio Lower Upper
154 100
153 41.6 20.4 60.4
76 12.9 0.0 29.3



#51
2,6-Dinitrotoluene
Concen: 11.01 ng
RT: 14.469 min Scan# 1969
Delta R.T. 0.018 min
Lab File: BP004015.D
Acq: 19 Nov 2020 21:06

Tgt Ion:165 Resp: 60292
Ion Ratio Lower Upper
165 100
63 32.1 27.8 41.6
89 19.2 34.6 52.0#

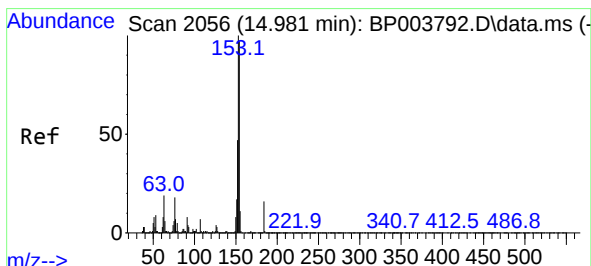
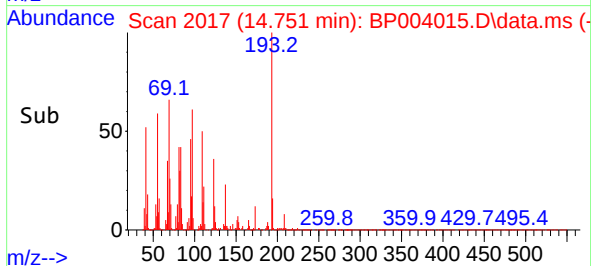
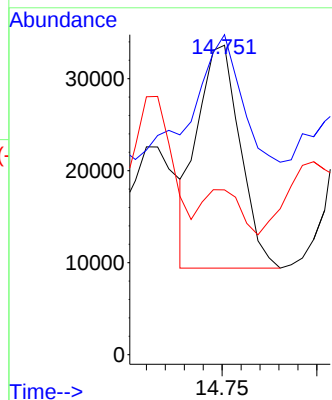
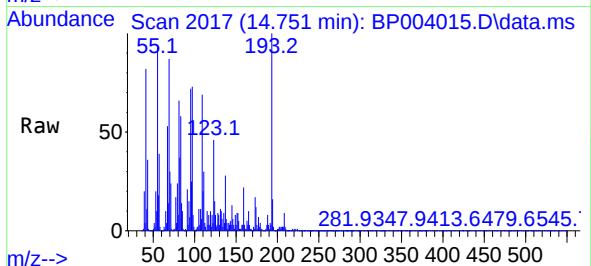




#53
3-Nitroaniline
Concen: 6.25 ng
RT: 14.751 min Scan# 2017
Delta R.T. -0.035 min
Lab File: BP004015.D
Acq: 19 Nov 2020 21:06

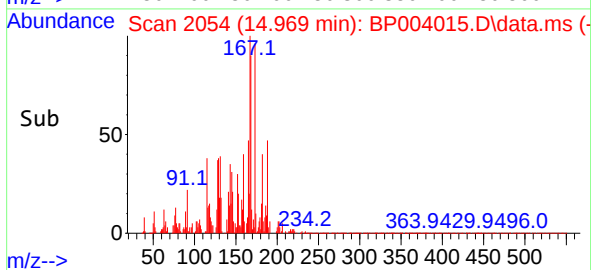
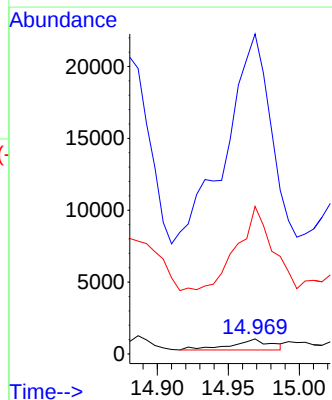
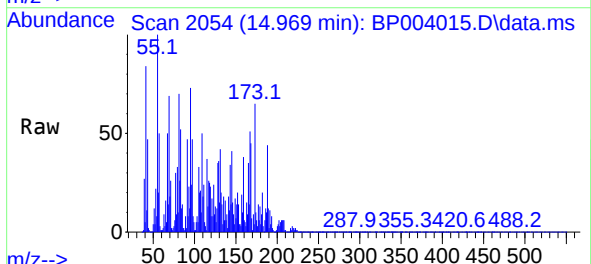
Instrument :
BNA_P
ClientSampleId :
1555

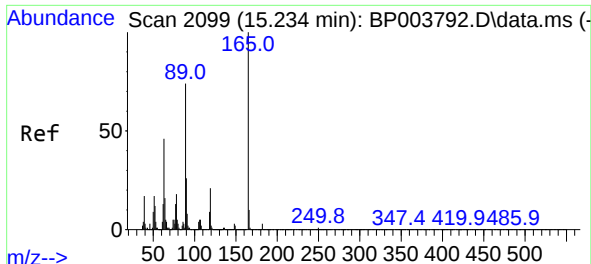
Tgt Ion:138 Resp: 37908
Ion Ratio Lower Upper
138 100
108 103.4 7.5 11.3#
92 53.3 75.0 112.6#



#54
2,4-Dinitrophenol
Concen: 3.50 ng
RT: 14.969 min Scan# 2054
Delta R.T. -0.029 min
Lab File: BP004015.D
Acq: 19 Nov 2020 21:06

Tgt Ion:184 Resp: 1493
Ion Ratio Lower Upper
184 100
63 2132.6 32.3 48.5#
154 983.5 49.1 73.7#

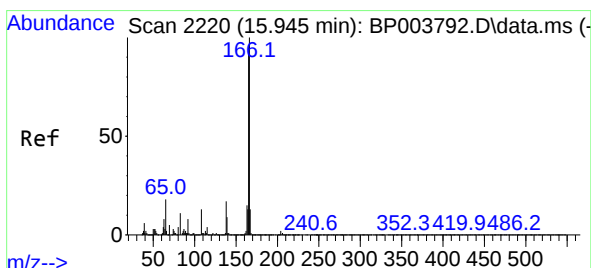
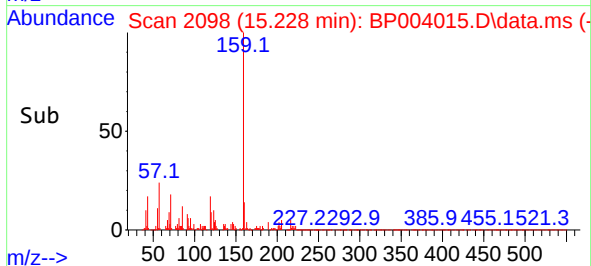
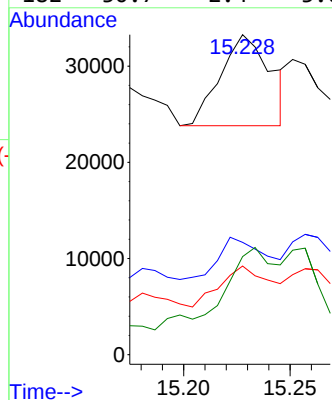
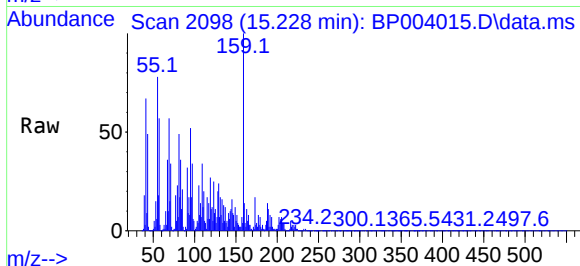




#57
2,4-Dinitrotoluene
Concen: 2.11 ng
RT: 15.228 min Scan# 2098
Delta R.T. -0.018 min
Lab File: BP004015.D
Acq: 19 Nov 2020 21:06

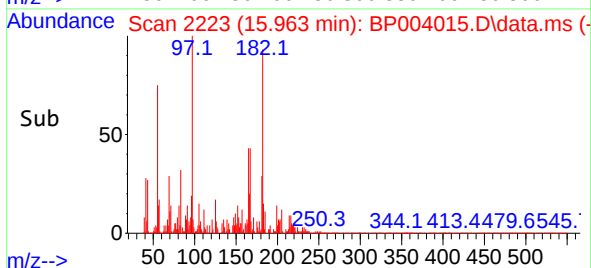
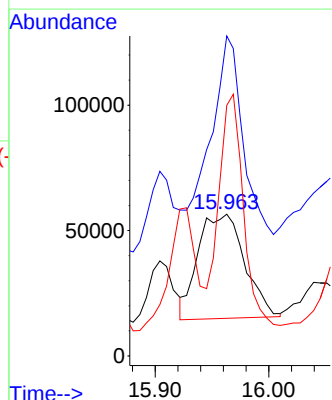
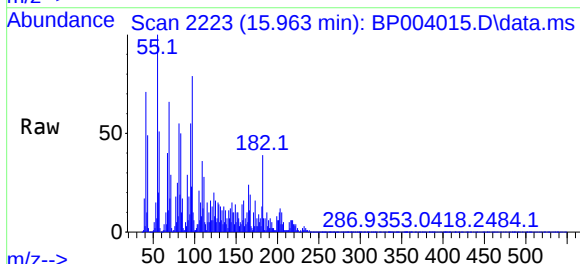
Instrument :
BNA_P
ClientSampled :
1555

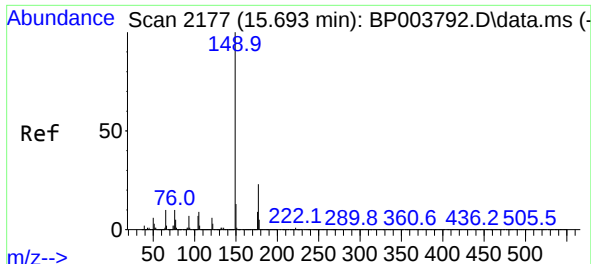
Tgt Ion:165 Resp: 15484
Ion Ratio Lower Upper
165 100
63 35.1 20.6 31.0#
89 27.7 42.6 63.8#
182 30.7 2.4 3.6#



#58
Fluorene
Concen: 4.67 ng
RT: 15.963 min Scan# 2223
Delta R.T. 0.018 min
Lab File: BP004015.D
Acq: 19 Nov 2020 21:06

Tgt Ion:166 Resp: 118244
Ion Ratio Lower Upper
166 100
165 225.8 77.8 116.8#
167 176.8 11.0 16.4#

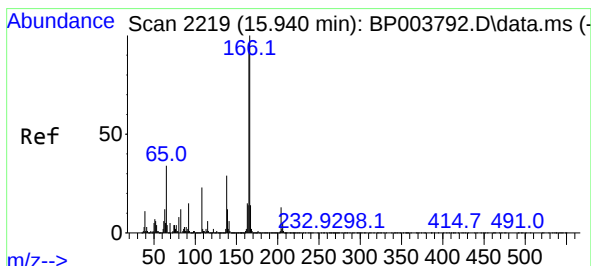
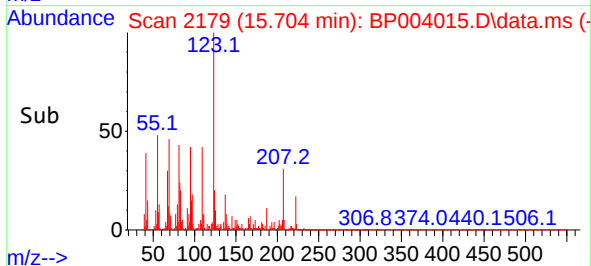
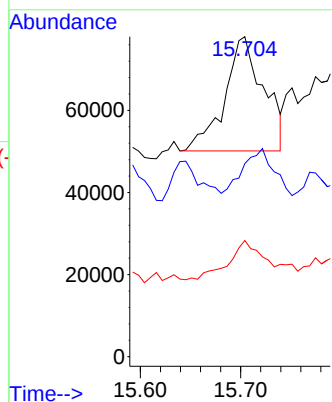
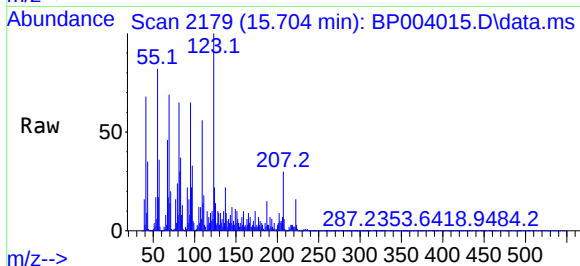




#60
Diethylphthalate
Concen: 2.87 ng
RT: 15.704 min Scan# 2179
Delta R.T. 0.018 min
Lab File: BP004015.D
Acq: 19 Nov 2020 21:06

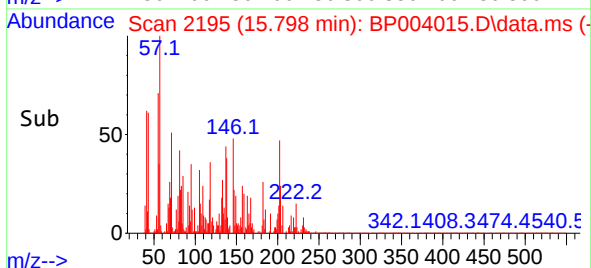
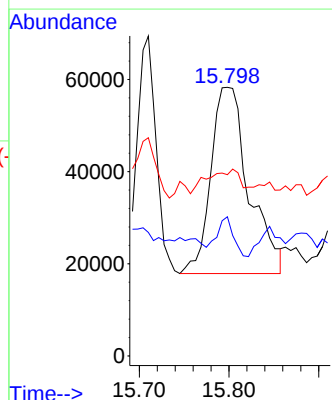
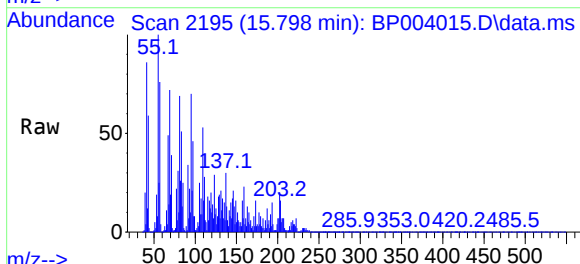
Instrument :
BNA_P
ClientSampleId :
1555

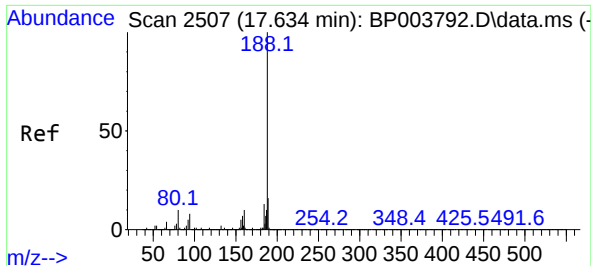
Tgt Ion:149 Resp: 75124
Ion Ratio Lower Upper
149 100
177 60.3 18.0 27.0#
150 36.3 10.0 15.0#



#62
4-Nitroaniline
Concen: 18.85 ng
RT: 15.798 min Scan# 2195
Delta R.T. -0.147 min
Lab File: BP004015.D
Acq: 19 Nov 2020 21:06

Tgt Ion:138 Resp: 119147
Ion Ratio Lower Upper
138 100
92 51.8 20.7 60.7
108 67.5 47.8 87.8

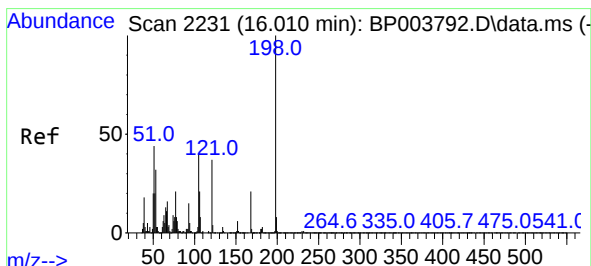
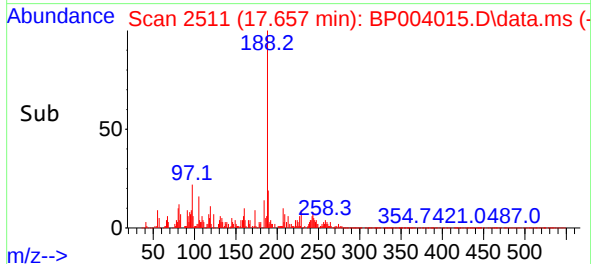
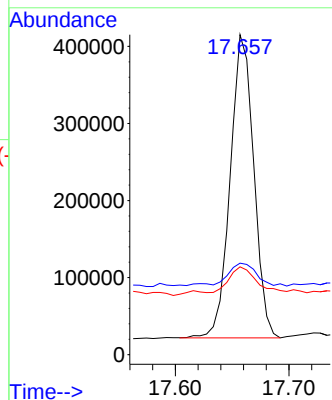
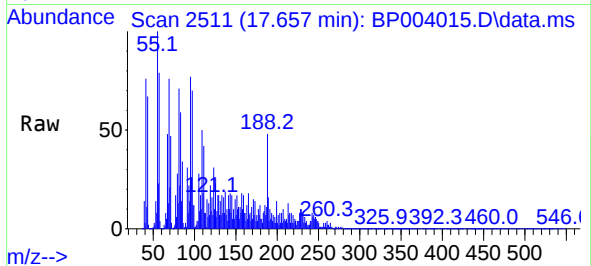




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.657 min Scan# 2511
Delta R.T. 0.018 min
Lab File: BP004015.D
Acq: 19 Nov 2020 21:06

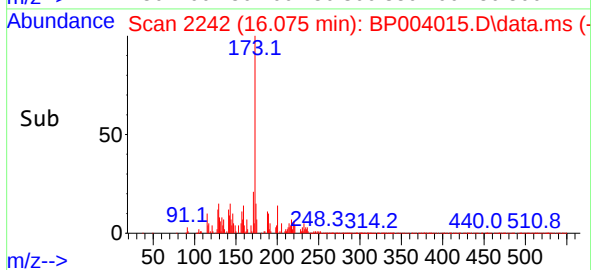
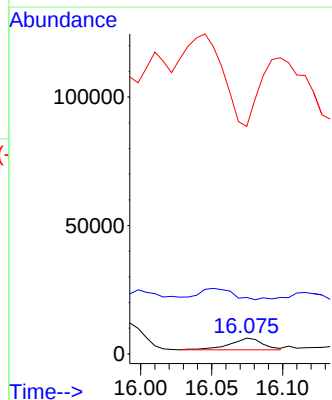
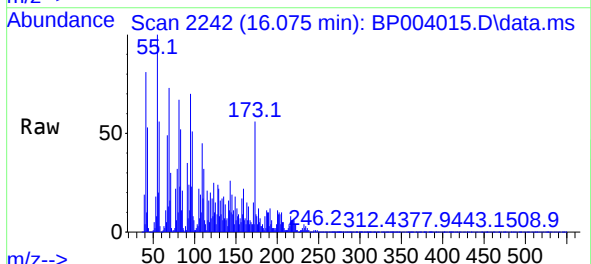
Instrument :
BNA_P
ClientSampleId :
1555

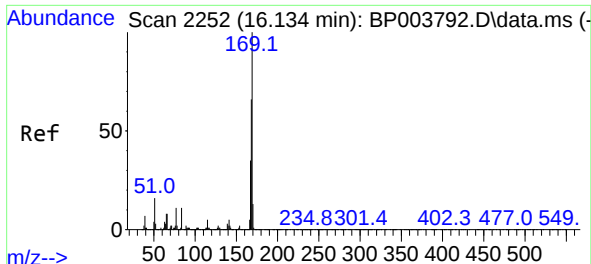
Tgt Ion:188 Resp: 567438
Ion Ratio Lower Upper
188 100
94 28.6 6.2 9.2#
80 27.4 6.2 9.2#



#65
4,6-Dinitro-2-methylphenol
Concen: 8.42 ng
RT: 16.075 min Scan# 2242
Delta R.T. 0.053 min
Lab File: BP004015.D
Acq: 19 Nov 2020 21:06

Tgt Ion:198 Resp: 7319
Ion Ratio Lower Upper
198 100
51 355.3 6.4 46.4#
105 1428.7 18.9 58.9#



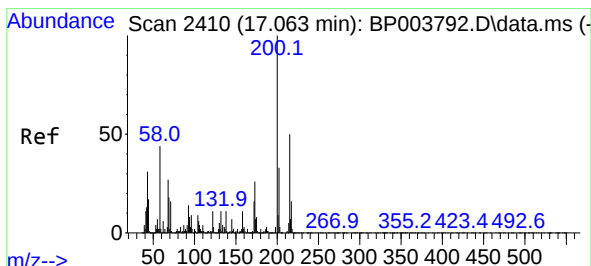
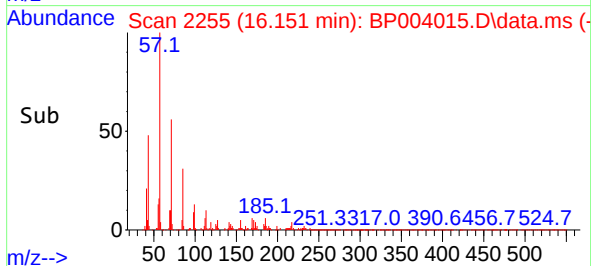
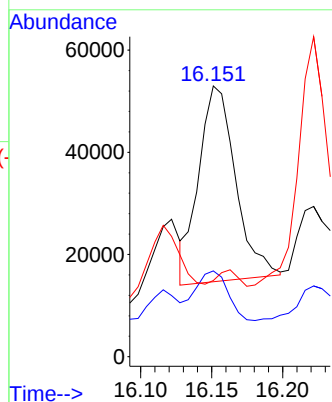
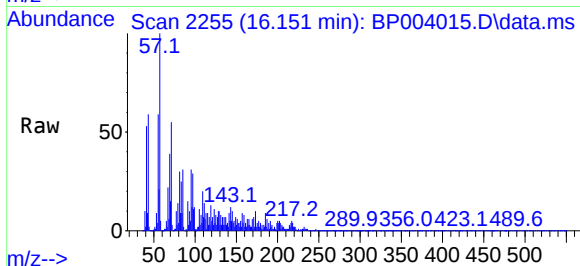


#66
n-Nitrosodiphenylamine
Concen: 3.99 ng
RT: 16.151 min Scan# 2255
Delta R.T. 0.018 min
Lab File: BP004015.D
Acq: 19 Nov 2020 21:06

Instrument :
BNA_P
ClientSampleId :
1555

Tgt Ion:169 Resp: 69228

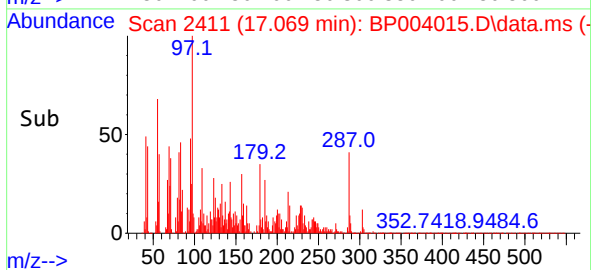
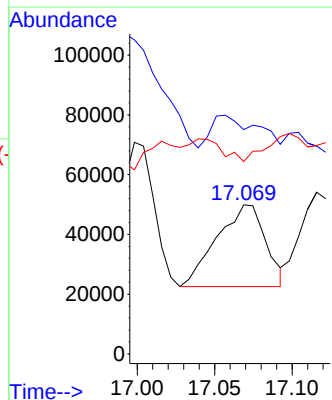
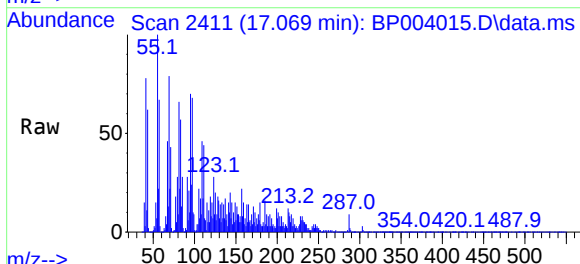
Ion	Ratio	Lower	Upper
169	100		
168	31.7	53.8	80.6#
167	28.1	28.9	43.3#

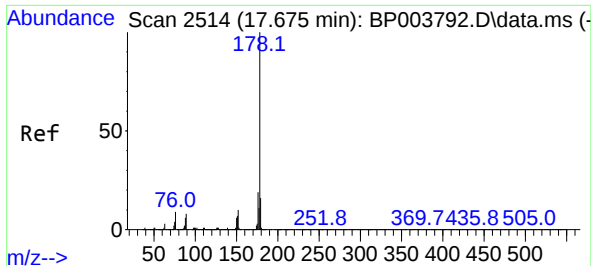


#69
Atrazine
Concen: 10.46 ng
RT: 17.069 min Scan# 2411
Delta R.T. 0.000 min
Lab File: BP004015.D
Acq: 19 Nov 2020 21:06

Tgt Ion:200 Resp: 59676

Ion	Ratio	Lower	Upper
200	100		
173	150.4	5.9	45.9#
215	128.9	28.4	68.4#

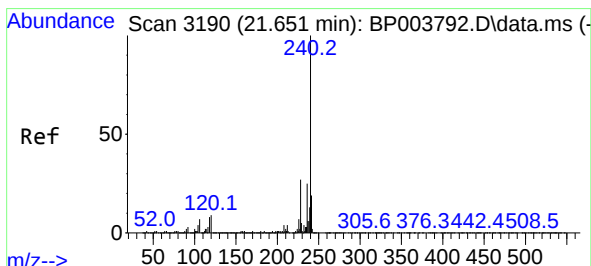
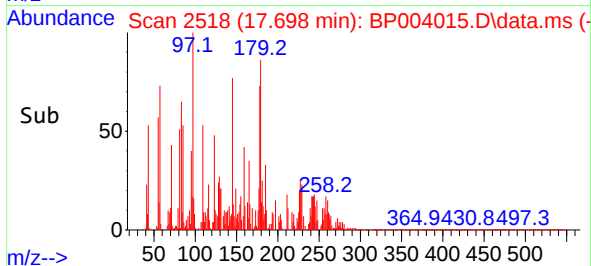
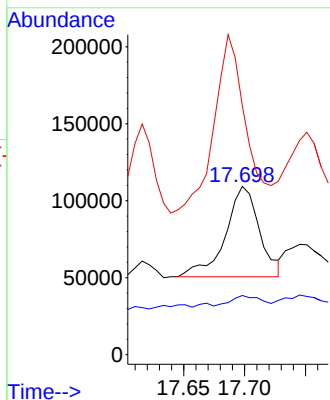
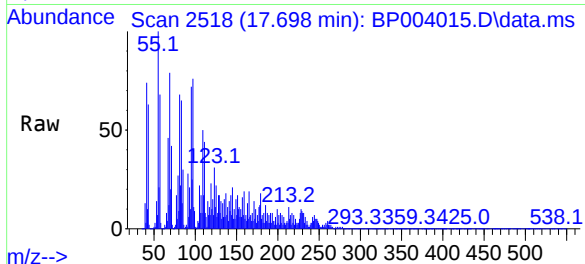




#71
Phenanthrene
Concen: 3.59 ng
RT: 17.698 min Scan# 2518
Delta R.T. 0.018 min
Lab File: BP004015.D
Acq: 19 Nov 2020 21:06

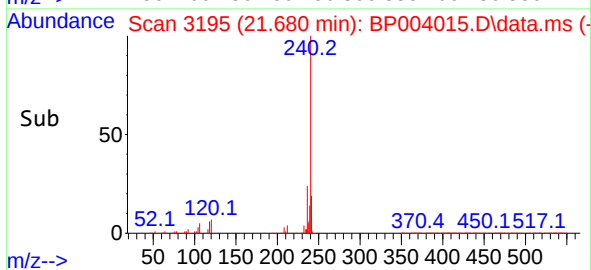
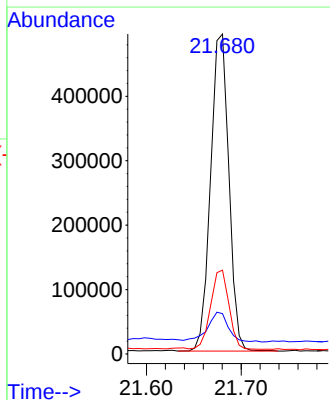
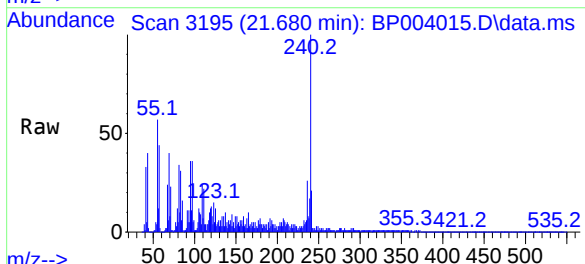
Instrument :
BNA_P
ClientSampleId :
1555

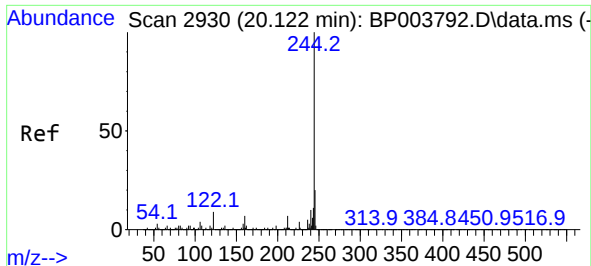
Tgt Ion:178 Resp: 114442
Ion Ratio Lower Upper
178 100
176 35.2 15.3 22.9#
179 147.8 12.5 18.7#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.680 min Scan# 3195
Delta R.T. 0.006 min
Lab File: BP004015.D
Acq: 19 Nov 2020 21:06

Tgt Ion:240 Resp: 659556
Ion Ratio Lower Upper
240 100
120 12.6 7.8 11.6#
236 26.2 20.8 31.2

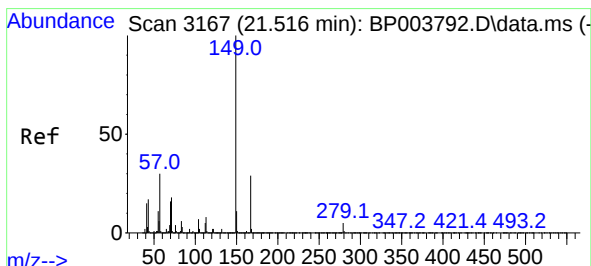
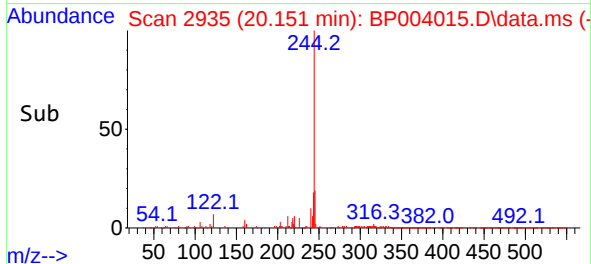
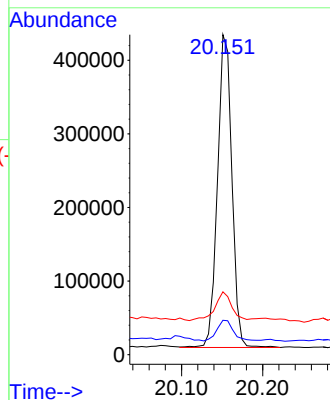
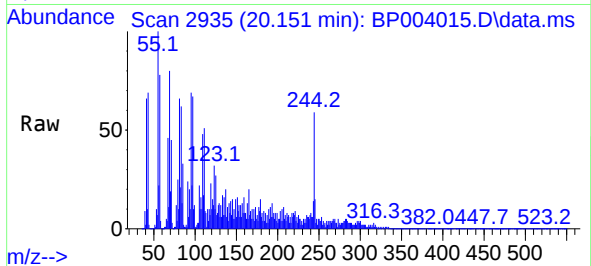




#79
Terphenyl-d14
Concen: 15.35 ng
RT: 20.151 min Scan# 2935
Delta R.T. 0.018 min
Lab File: BP004015.D
Acq: 19 Nov 2020 21:06

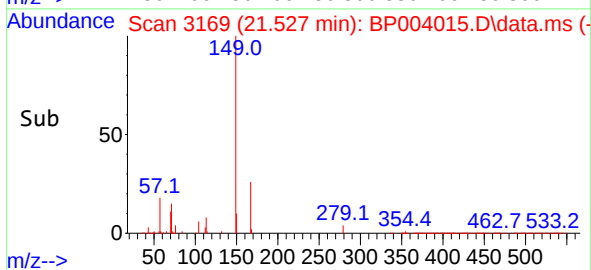
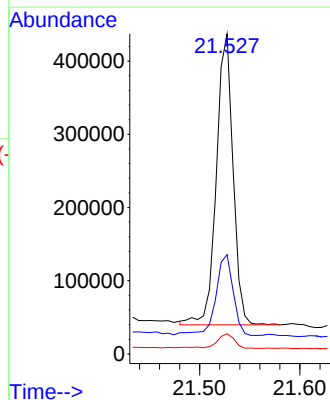
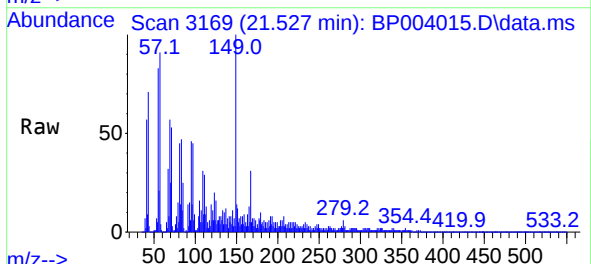
Instrument :
BNA_P
ClientSampleId :
1555

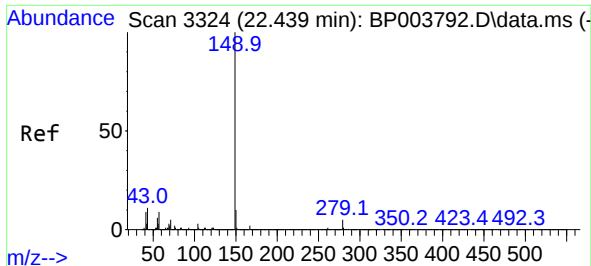
Tgt Ion:244 Resp: 523959
Ion Ratio Lower Upper
244 100
212 10.8 5.8 8.6#
122 19.7 7.8 11.8#



#84
Bis(2-ethylhexyl)phthalate
Concen: 18.70 ng
RT: 21.527 min Scan# 3169
Delta R.T. -0.006 min
Lab File: BP004015.D
Acq: 19 Nov 2020 21:06

Tgt Ion:149 Resp: 459600
Ion Ratio Lower Upper
149 100
167 31.1 22.6 34.0
279 6.3 4.2 6.2#

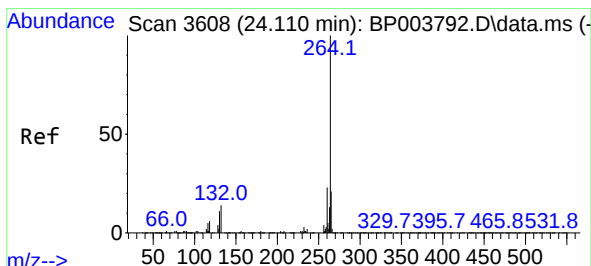
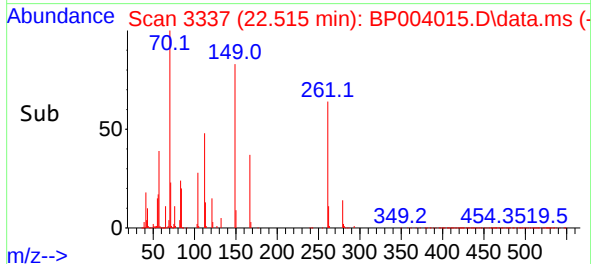
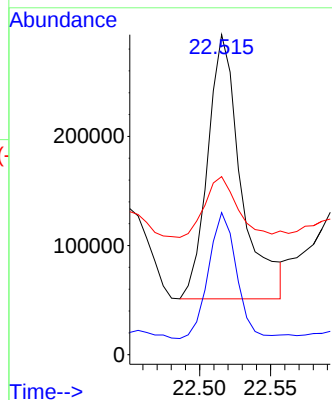
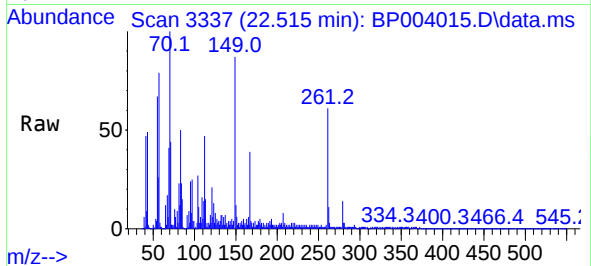




#85
Di-n-octyl phthalate
Concen: 9.70 ng
RT: 22.515 min Scan# 3337
Delta R.T. 0.047 min
Lab File: BP004015.D
Acq: 19 Nov 2020 21:06

Instrument :
BNA_P
ClientSampleId :
1555

Tgt Ion:149 Resp: 397119
Ion Ratio Lower Upper
149 100
167 39.7 1.3 1.9#
43 22.2 3.7 5.5#



#86
Perylene-d12
Concen: 20.00 ng
RT: 24.139 min Scan# 3613
Delta R.T. -0.018 min
Lab File: BP004015.D
Acq: 19 Nov 2020 21:06

Tgt Ion:264 Resp: 734021
Ion Ratio Lower Upper
264 100
260 23.2 18.8 28.2
265 21.1 17.4 26.2

