

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112020\
 Data File : BP004035.D
 Acq On : 20 Nov 2020 21:24
 Operator : CG/JU
 Sample : L4779-13 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 COMP-1654-1658

Quant Time: Nov 23 04:05:21 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP110320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 23 03:48:44 2020
 Response via : Initial Calibration

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

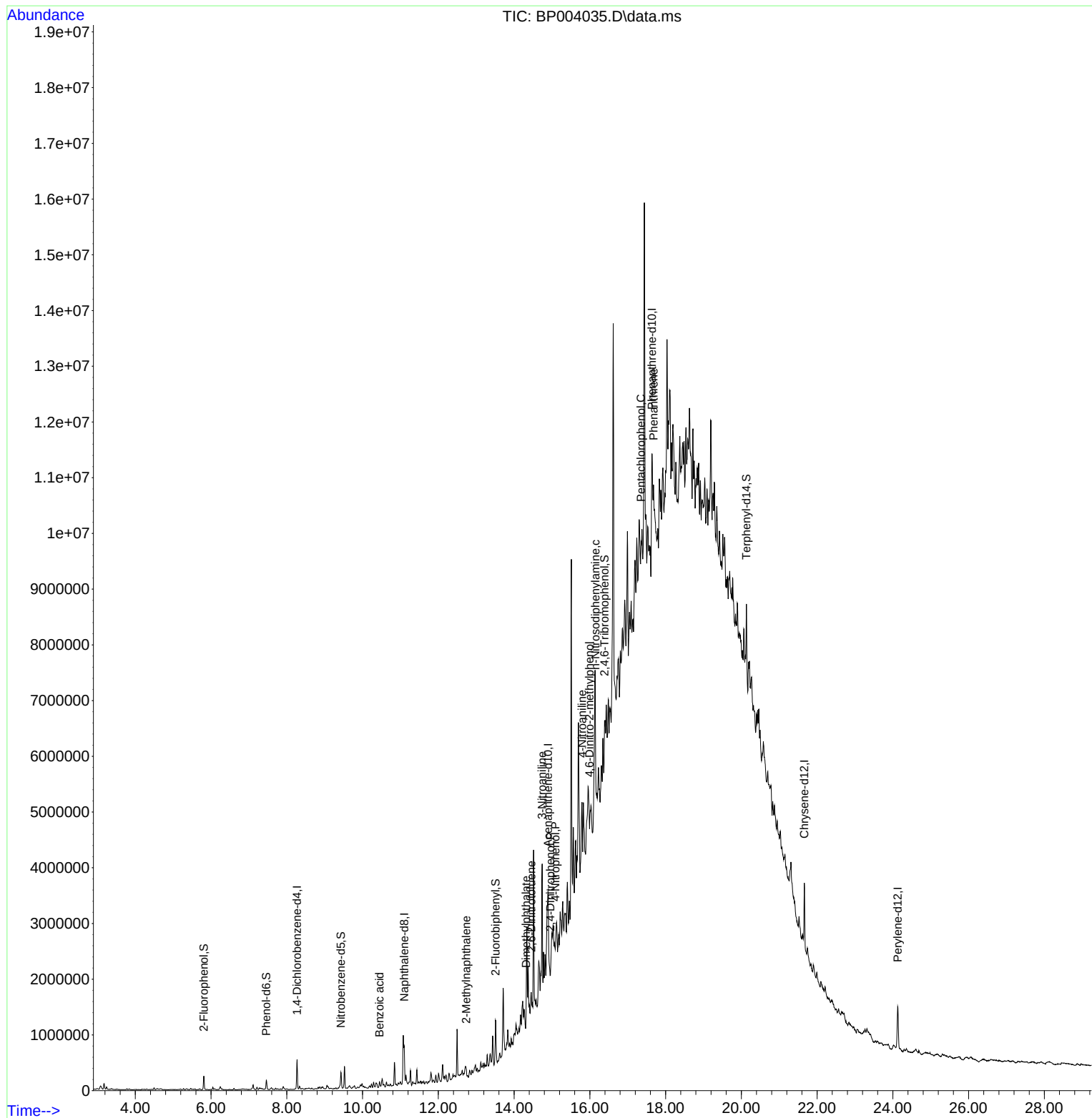
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.269	152	134204	20.00	ng	-0.02
21) Naphthalene-d8	11.099	136	522469	20.00	ng	#-0.03
39) Acenaphthene-d10	14.892	164	304460	20.00	ng	-0.02
64) Phenanthrene-d10	17.639	188	549215	20.00	ng	# 0.00
76) Chrysene-d12	21.663	240	575385	20.00	ng	0.01
86) Perylene-d12	24.127	264	594342	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.811	112	103607	12.88	ng	0.00
7) Phenol-d6	7.458	99	95847	8.30	ng	0.00
23) Nitrobenzene-d5	9.428	82	154358	14.47	ng	-0.03
42) 2,4,6-Tribromophenol	16.387	330	75319	19.78	ng	0.00
45) 2-Fluorobiphenyl	13.510	172	359172	16.49	ng	-0.02
79) Terphenyl-d14	20.133	244	436895	14.67	ng	0.01
Target Compounds						Qvalue
9) Benzaldehyde	7.375	77	2099	Below Cal	#	71
32) Benzoic acid	10.446	122	1840	8.62	ng	# 1
37) 2-Methylnaphthalene	12.734	142	51972	2.59	ng	# 96
50) Dimethylphthalate	14.316	163	55849	2.35	ng	# 55
51) 2,6-Dinitrotoluene	14.457	165	26252	5.38	ng	# 58
53) 3-Nitroaniline	14.740	138	16562	3.06	ng	# 31
54) 2,4-Dinitrophenol	14.957	184	376	2.95	ng	# 1
56) 4-Nitrophenol	15.092	139	8548	2.19	ng	# 1
62) 4-Nitroaniline	15.792	138	73947	13.12	ng	# 87
65) 4,6-Dinitro-2-methylph...	15.987	198	6274	8.18	ng	# 1
66) n-Nitrosodiphenylamine	16.145	169	111225	6.62	ng	# 51
70) Pentachlorophenol	17.351	266	12151	3.46	ng	# 31
71) Phenanthrene	17.681	178	229622	7.45	ng	# 62

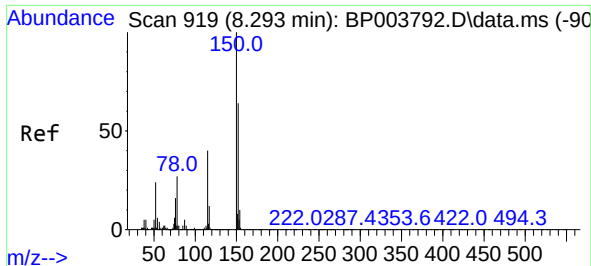
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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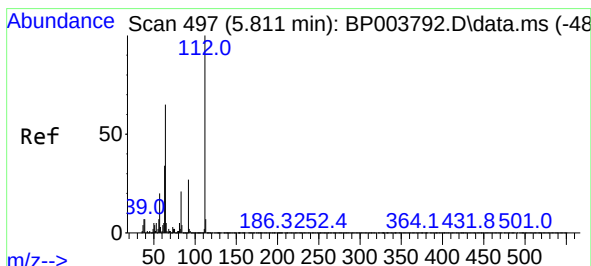
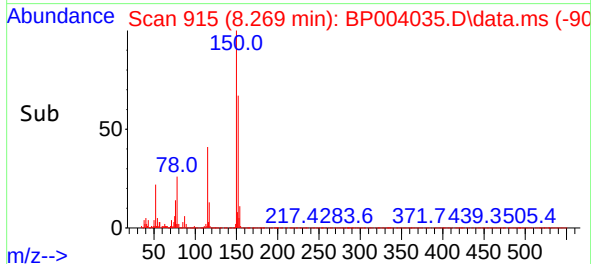
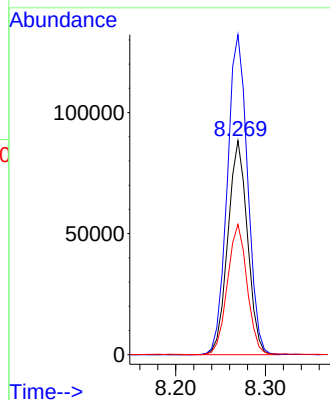
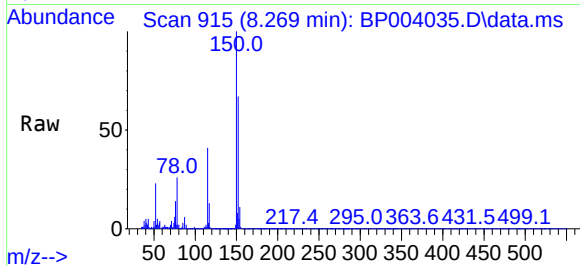




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.269 min Scan# 915
Delta R.T. -0.024 min
Lab File: BP004035.D
Acq: 20 Nov 2020 21:24

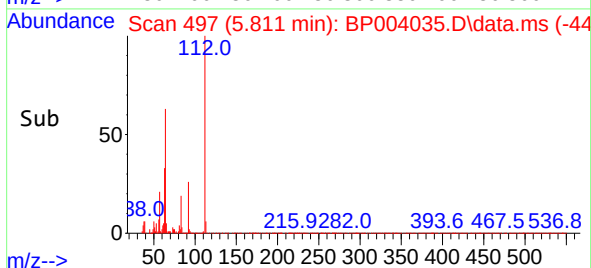
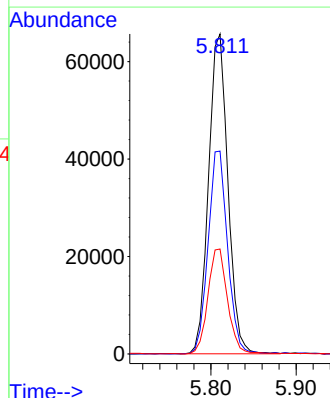
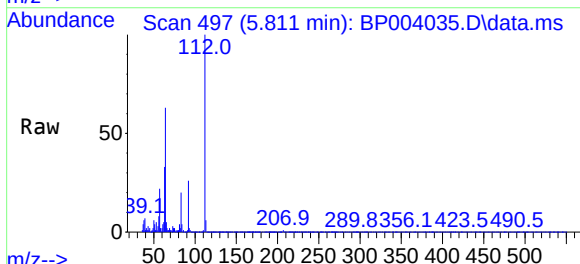
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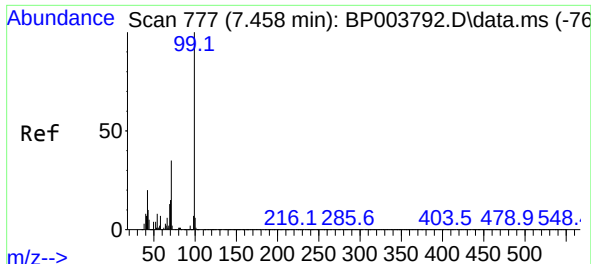
Tgt Ion:152 Resp: 134204
Ion Ratio Lower Upper
152 100
150 149.5 123.8 185.6
115 60.8 43.8 65.6



#5
2-Fluorophenol
Concen: 12.88 ng
RT: 5.811 min Scan# 497
Delta R.T. -0.000 min
Lab File: BP004035.D
Acq: 20 Nov 2020 21:24

Tgt Ion:112 Resp: 103607
Ion Ratio Lower Upper
112 100
64 63.4 32.8 49.2#
63 32.8 17.0 25.4#

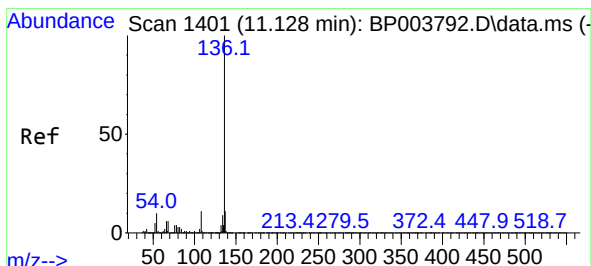
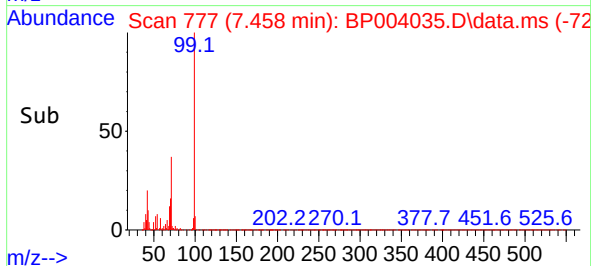
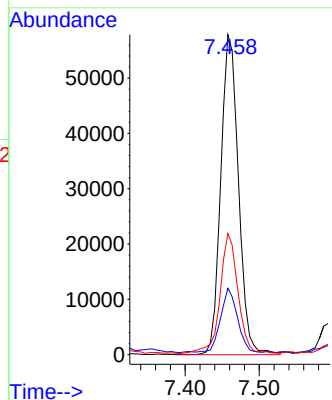
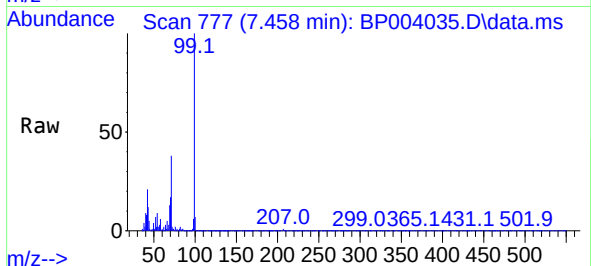




#7
Phenol-d6
Concen: 8.30 ng
RT: 7.458 min Scan# 777
Delta R.T. -0.000 min
Lab File: BP004035.D
Acq: 20 Nov 2020 21:24

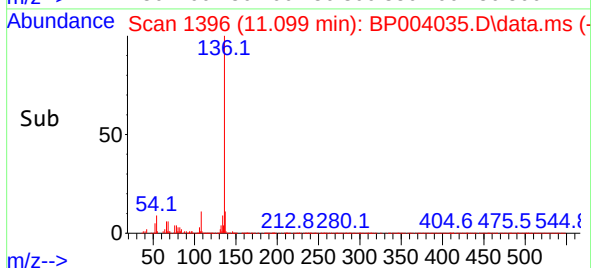
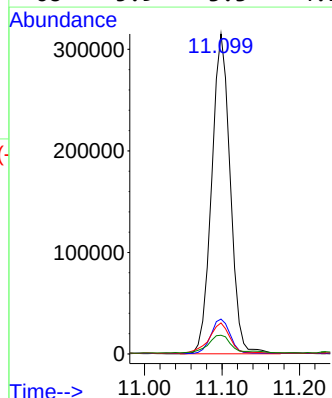
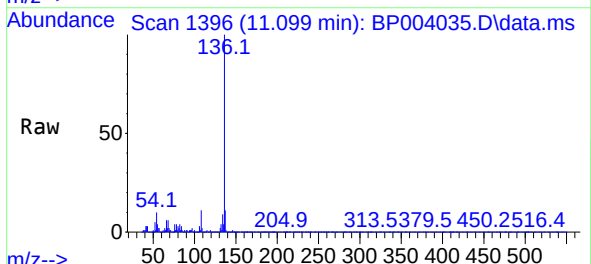
Instrument :
BNA_P
ClientSampleId :
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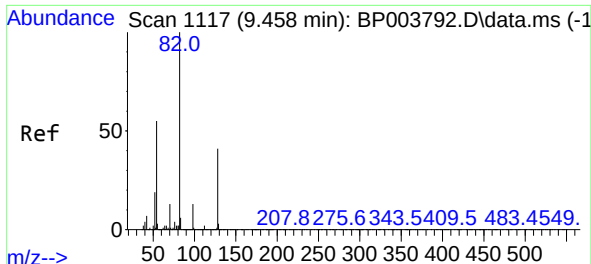
Tgt Ion: 99 Resp: 95847
Ion Ratio Lower Upper
99 100
42 20.7 8.6 13.0#
71 37.9 23.4 35.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.099 min Scan# 1396
Delta R.T. -0.030 min
Lab File: BP004035.D
Acq: 20 Nov 2020 21:24

Tgt Ion: 136 Resp: 522469
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 9.7 3.6 5.4#
68 5.9 3.3 4.9#

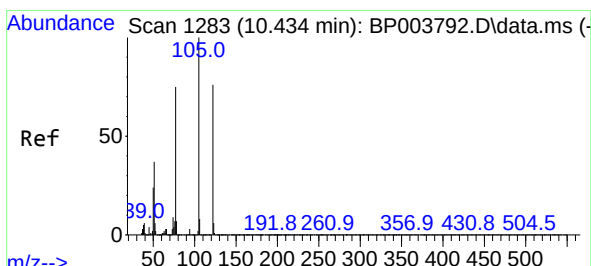
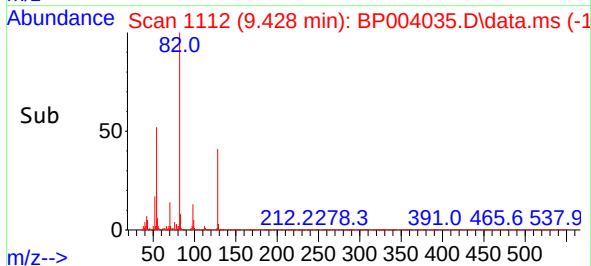
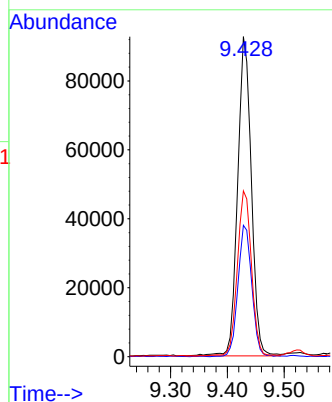
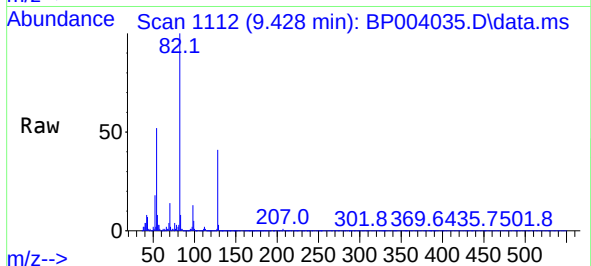




#23
Nitrobenzene-d5
Concen: 14.47 ng
RT: 9.428 min Scan# 1112
Delta R.T. -0.030 min
Lab File: BP004035.D
Acq: 20 Nov 2020 21:24

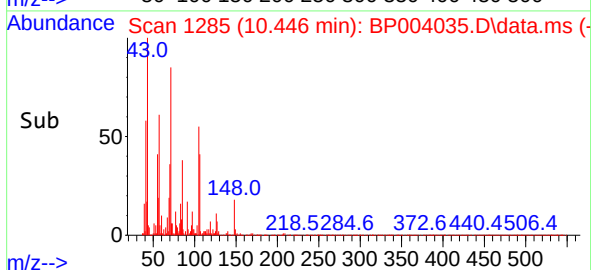
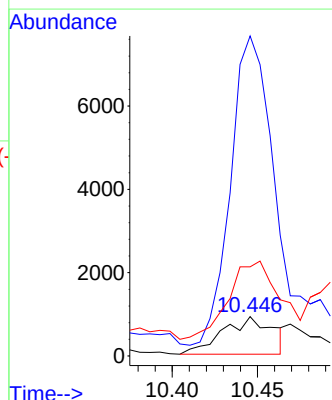
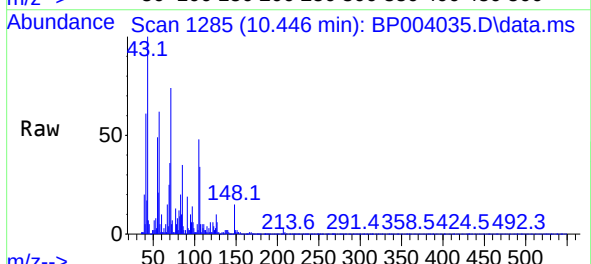
Instrument :
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ClientSampleId :
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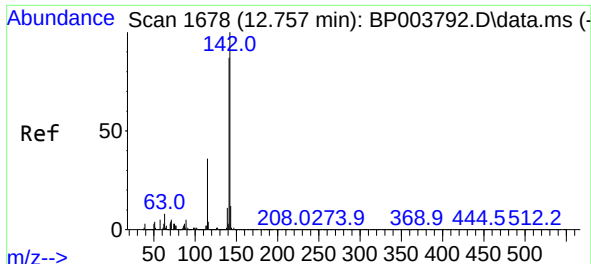
Tgt Ion: 82 Resp: 154358
Ion Ratio Lower Upper
82 100
128 41.1 45.6 68.4#
54 51.8 30.1 45.1#



#32
Benzoic acid
Concen: 8.62 ng
RT: 10.446 min Scan# 1285
Delta R.T. 0.012 min
Lab File: BP004035.D
Acq: 20 Nov 2020 21:24

Tgt Ion: 122 Resp: 1840
Ion Ratio Lower Upper
122 100
105 812.1 94.1 134.1#
77 226.3 50.1 90.1#

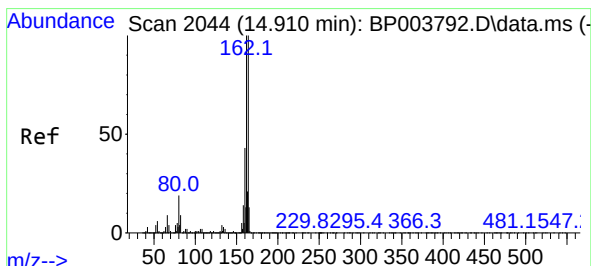
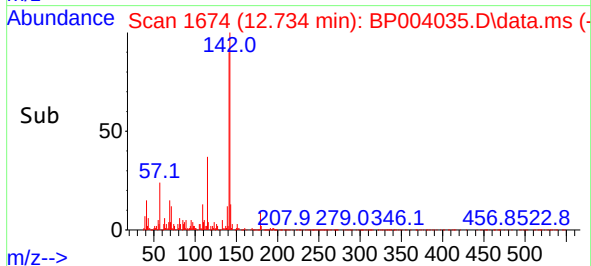
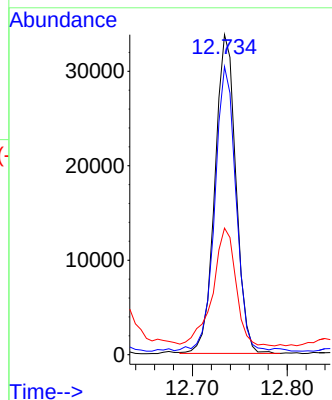
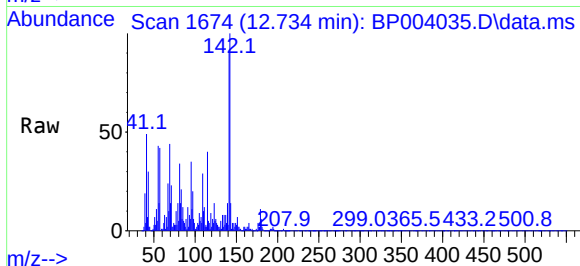




#37
2-Methylnaphthalene
Concen: 2.59 ng
RT: 12.734 min Scan# 1674
Delta R.T. -0.024 min
Lab File: BP004035.D
Acq: 20 Nov 2020 21:24

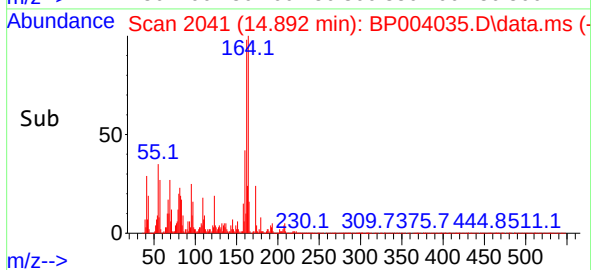
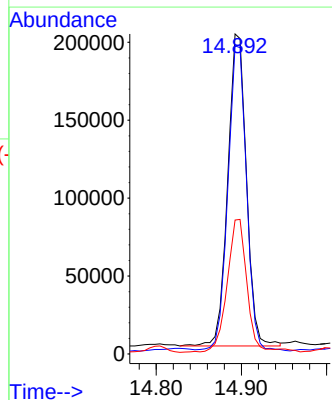
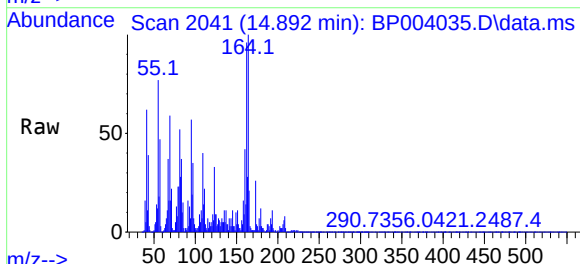
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BNA_P
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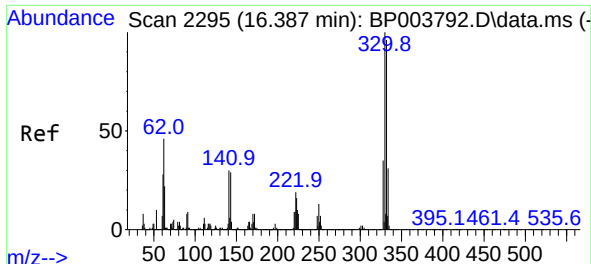
Tgt Ion:142 Resp: 51972
Ion Ratio Lower Upper
142 100
141 90.0 71.4 107.2
115 39.6 25.8 38.6#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.892 min Scan# 2041
Delta R.T. -0.018 min
Lab File: BP004035.D
Acq: 20 Nov 2020 21:24

Tgt Ion:164 Resp: 304460
Ion Ratio Lower Upper
164 100
162 96.3 79.4 119.2
160 41.8 36.1 54.1

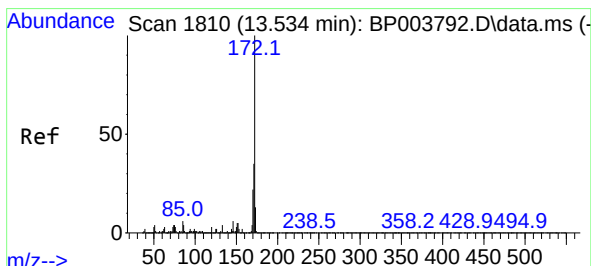
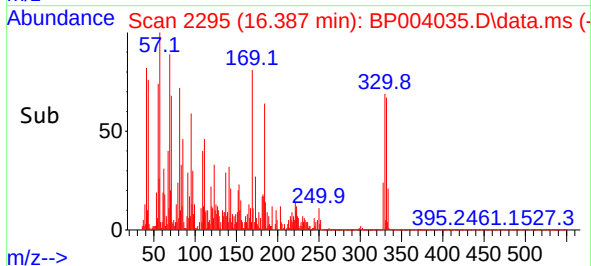
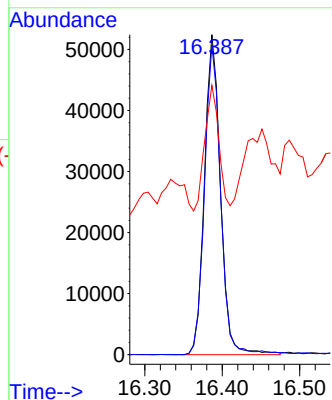
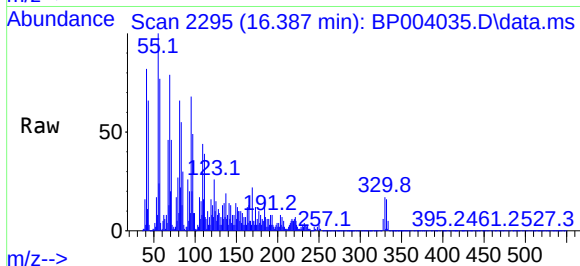




#42
2,4,6-Tribromophenol
Concen: 19.78 ng
RT: 16.387 min Scan# 2295
Delta R.T. -0.000 min
Lab File: BP004035.D
Acq: 20 Nov 2020 21:24

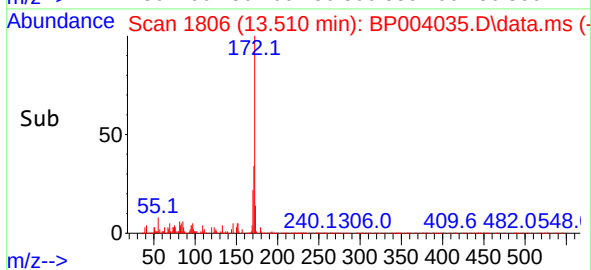
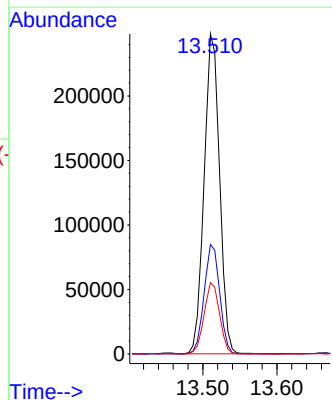
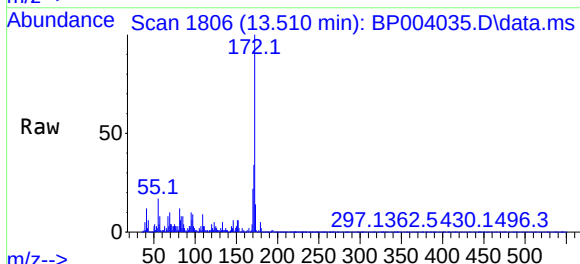
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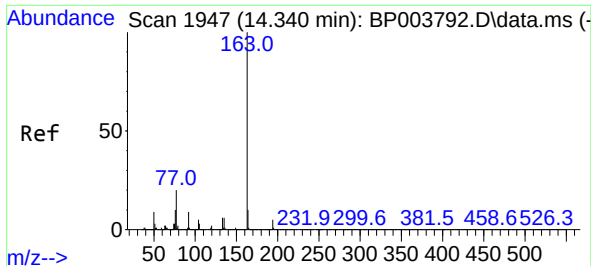
Tgt Ion:	330	Resp:	75319
Ion Ratio	Lower	Upper	
330	100		
332	97.6	77.1	115.7
141	34.2	23.4	35.2



#45
2-Fluorobiphenyl
Concen: 16.49 ng
RT: 13.510 min Scan# 1806
Delta R.T. -0.024 min
Lab File: BP004035.D
Acq: 20 Nov 2020 21:24

Tgt Ion:	172	Resp:	359172
Ion Ratio	Lower	Upper	
172	100		
171	34.2	28.5	42.7
170	22.3	19.2	28.8

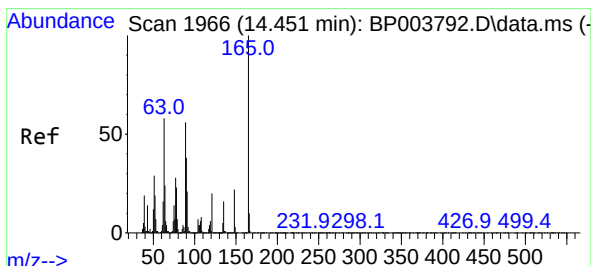
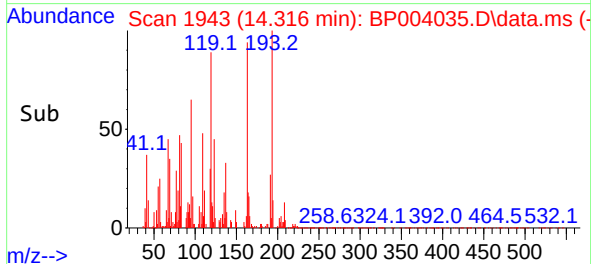
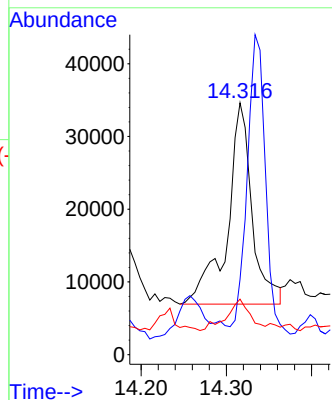
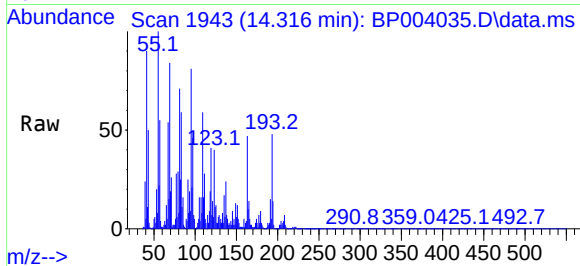




#50
Dimethylphthalate
Concen: 2.35 ng
RT: 14.316 min Scan# 1943
Delta R.T. -0.024 min
Lab File: BP004035.D
Acq: 20 Nov 2020 21:24

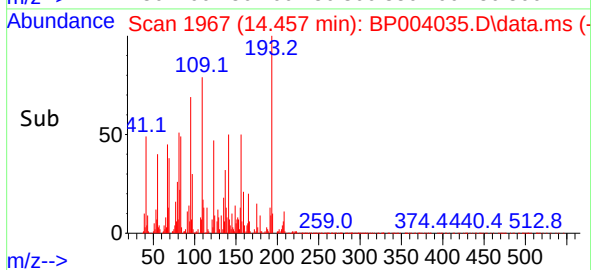
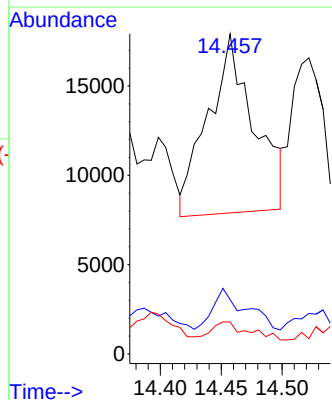
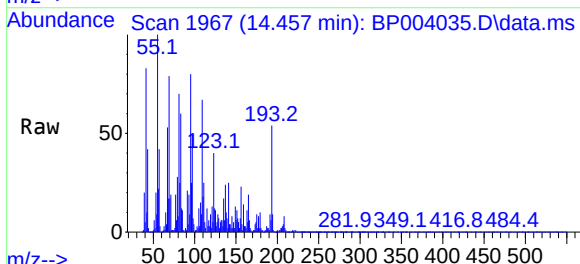
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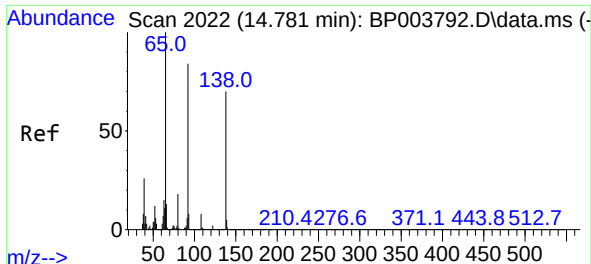
Tgt Ion:163 Resp: 55849
Ion Ratio Lower Upper
163 100
194 29.9 3.3 4.9#
164 22.1 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 5.38 ng
RT: 14.457 min Scan# 1967
Delta R.T. 0.006 min
Lab File: BP004035.D
Acq: 20 Nov 2020 21:24

Tgt Ion:165 Resp: 26252
Ion Ratio Lower Upper
165 100
63 17.0 27.8 41.6#
89 10.0 34.6 52.0#

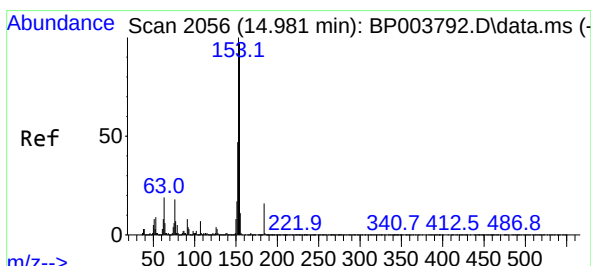
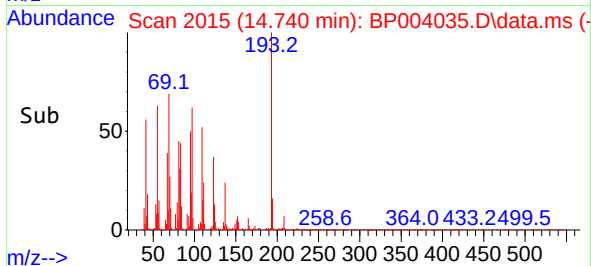
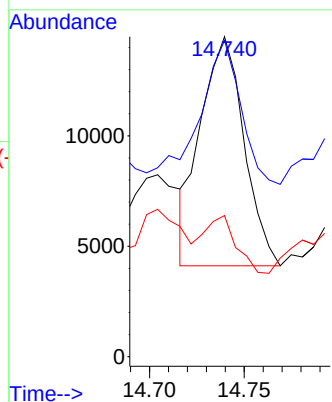
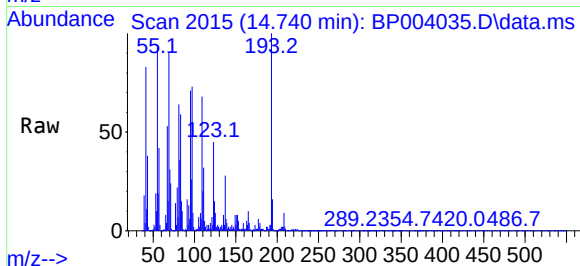




#53
3-Nitroaniline
Concen: 3.06 ng
RT: 14.740 min Scan# 2015
Delta R.T. -0.041 min
Lab File: BP004035.D
Acq: 20 Nov 2020 21:24

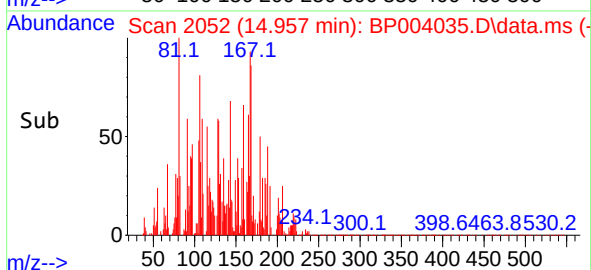
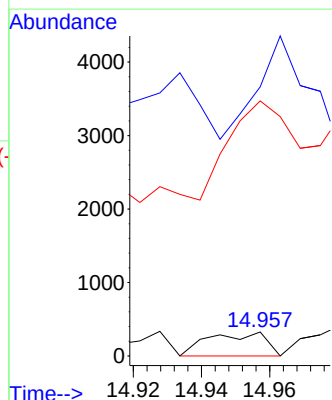
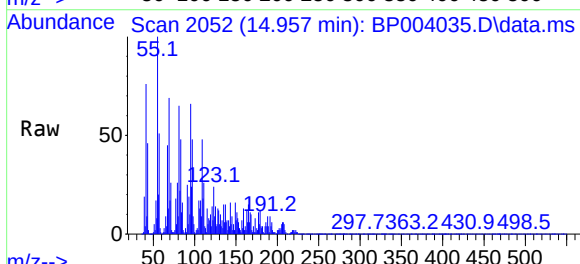
Instrument :
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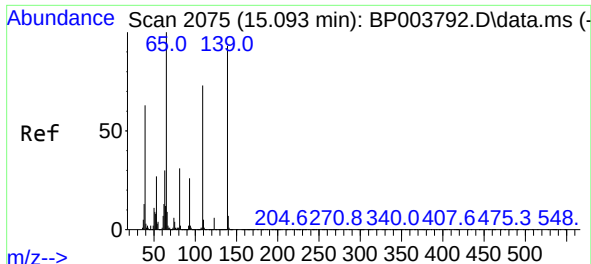
Tgt Ion:138 Resp: 16562
Ion Ratio Lower Upper
138 100
108 98.8 7.5 11.3#
92 44.1 75.0 112.6#



#54
2,4-Dinitrophenol
Concen: 2.95 ng
RT: 14.957 min Scan# 2052
Delta R.T. -0.024 min
Lab File: BP004035.D
Acq: 20 Nov 2020 21:24

Tgt Ion:184 Resp: 376
Ion Ratio Lower Upper
184 100
63 1120.5 32.3 48.5#
154 1061.5 49.1 73.7#

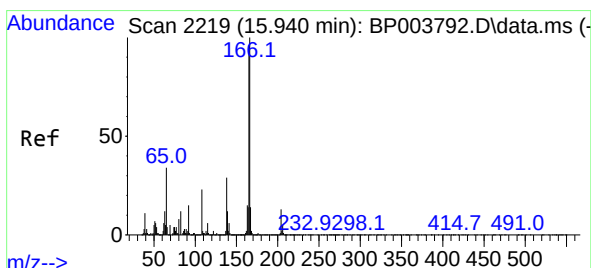
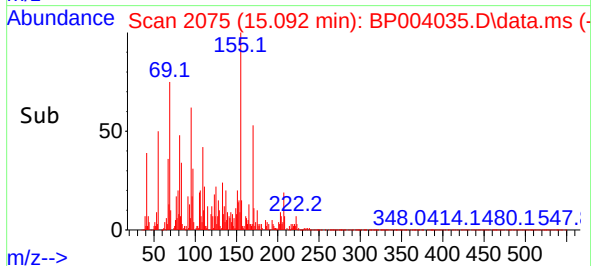
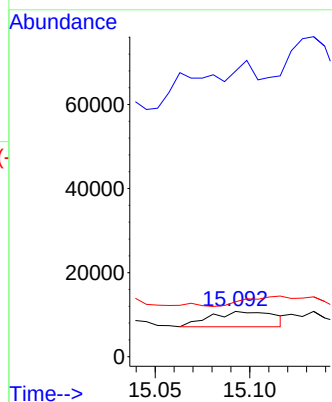
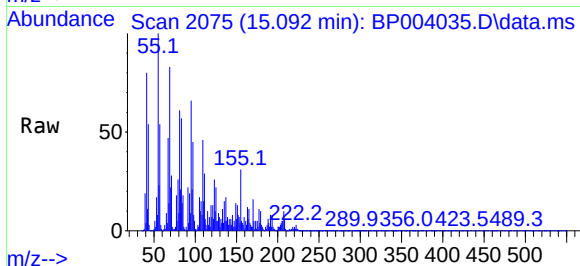




#56
4-Nitrophenol
Concen: 2.19 ng
RT: 15.092 min Scan# 2075
Delta R.T. -0.000 min
Lab File: BP004035.D
Acq: 20 Nov 2020 21:24

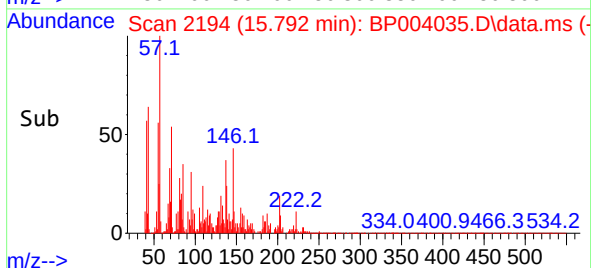
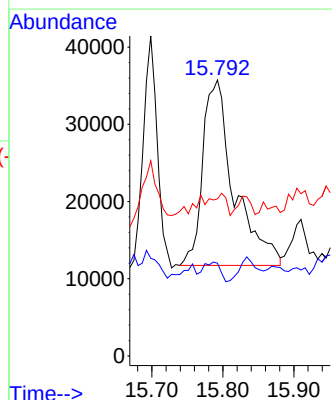
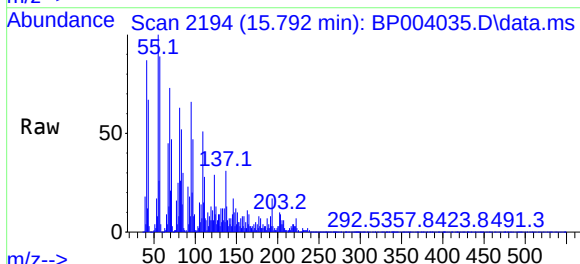
Instrument :
BNA_P
ClientSampleId :
COMP-1654-1658

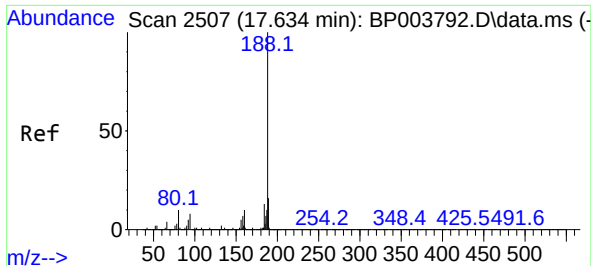
Tgt Ion:139 Resp: 8548
Ion Ratio Lower Upper
139 100
109 630.0 44.6 84.6#
65 120.9 41.6 81.6#



#62
4-Nitroaniline
Concen: 13.12 ng
RT: 15.792 min Scan# 2194
Delta R.T. -0.147 min
Lab File: BP004035.D
Acq: 20 Nov 2020 21:24

Tgt Ion:138 Resp: 73947
Ion Ratio Lower Upper
138 100
92 33.6 20.7 60.7
108 57.0 47.8 87.8

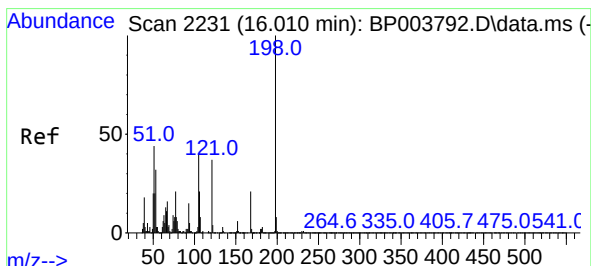
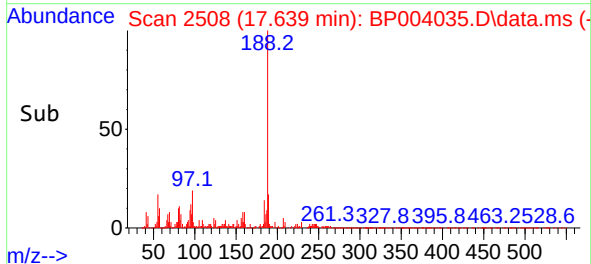
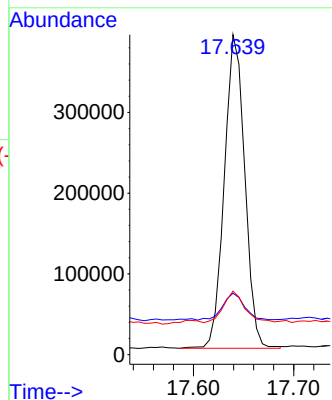
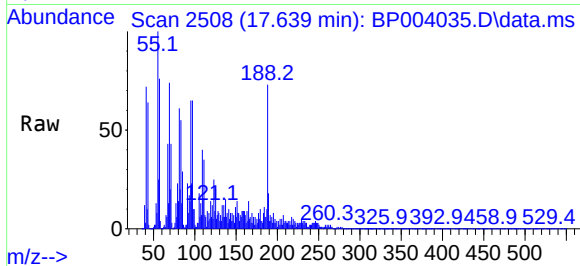




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.639 min Scan# 2508
Delta R.T. 0.006 min
Lab File: BP004035.D
Acq: 20 Nov 2020 21:24

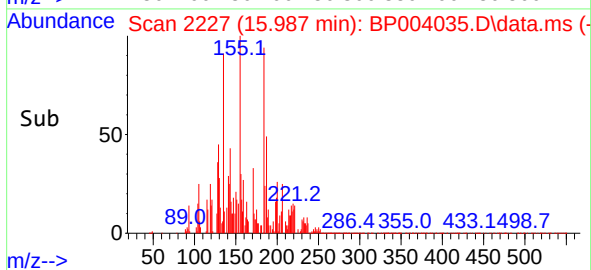
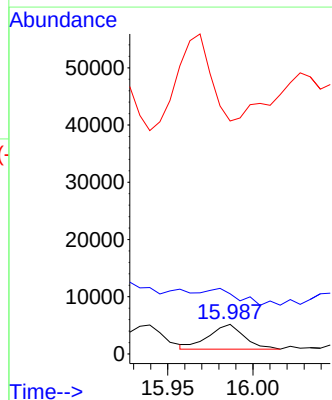
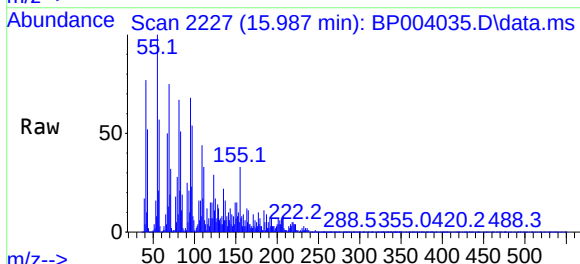
Instrument :
BNA_P
ClientSampleId :
COMP-1654-1658

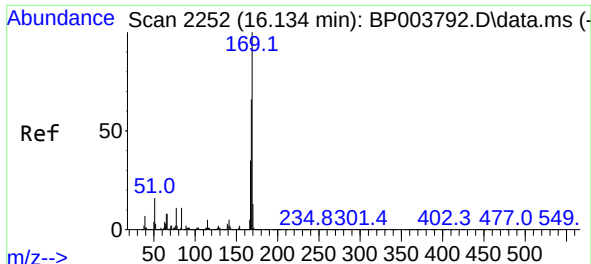
Tgt Ion:188 Resp: 549215
Ion Ratio Lower Upper
188 100
94 19.2 6.2 9.2#
80 19.9 6.2 9.2#



#65
4,6-Dinitro-2-methylphenol
Concen: 8.18 ng
RT: 15.987 min Scan# 2227
Delta R.T. -0.024 min
Lab File: BP004035.D
Acq: 20 Nov 2020 21:24

Tgt Ion:198 Resp: 6274
Ion Ratio Lower Upper
198 100
51 203.2 6.4 46.4#
105 785.9 18.9 58.9#

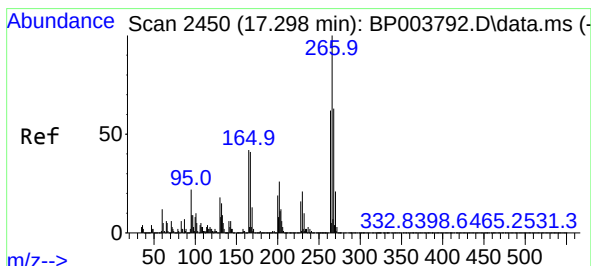
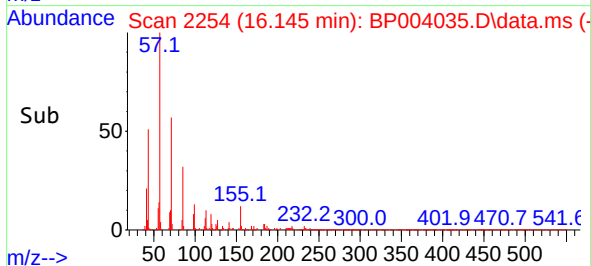
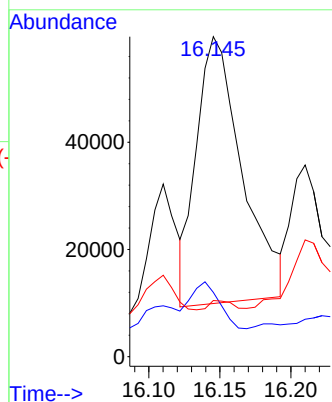
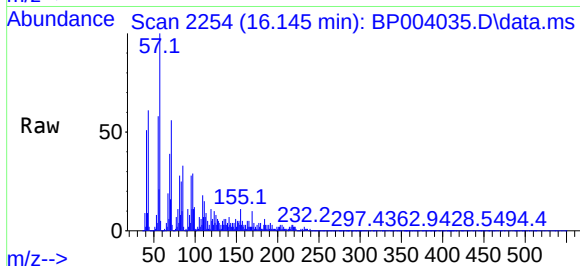




#66
n-Nitrosodiphenylamine
Concen: 6.62 ng
RT: 16.145 min Scan# 2254
Delta R.T. 0.012 min
Lab File: BP004035.D
Acq: 20 Nov 2020 21:24

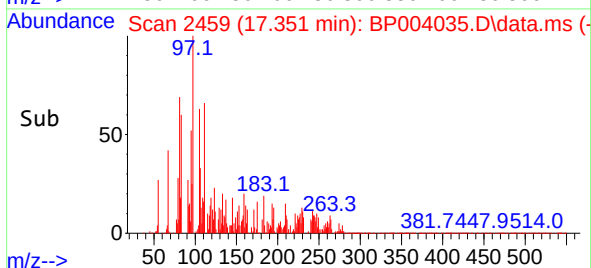
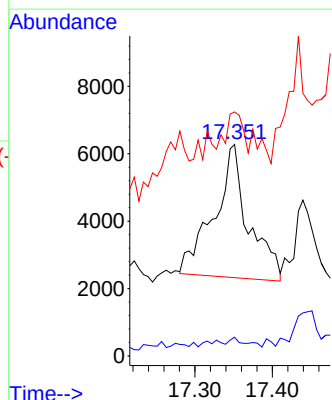
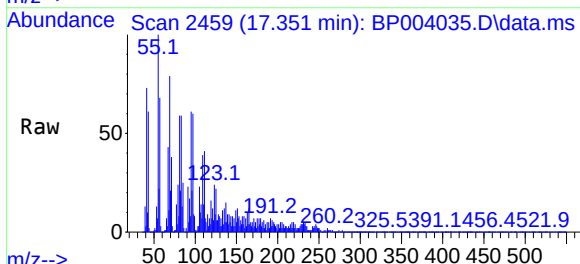
Instrument :
BNA_P
ClientSampleId :
COMP-1654-1658

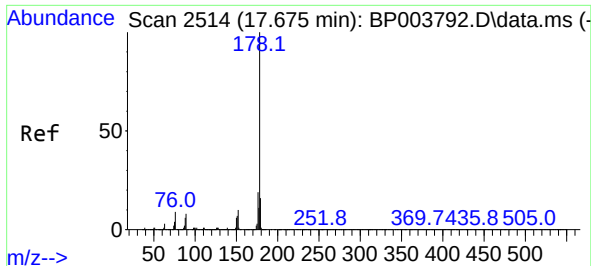
Tgt Ion:169 Resp: 111225
Ion Ratio Lower Upper
169 100
168 20.1 53.8 80.6#
167 17.5 28.9 43.3#



#70
Pentachlorophenol
Concen: 3.46 ng
RT: 17.351 min Scan# 2459
Delta R.T. 0.053 min
Lab File: BP004035.D
Acq: 20 Nov 2020 21:24

Tgt Ion:266 Resp: 12151
Ion Ratio Lower Upper
266 100
268 8.8 51.1 76.7#
264 115.3 50.6 76.0#

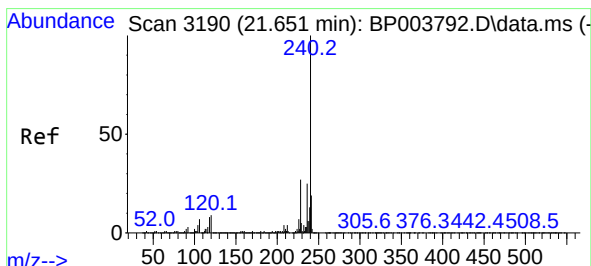
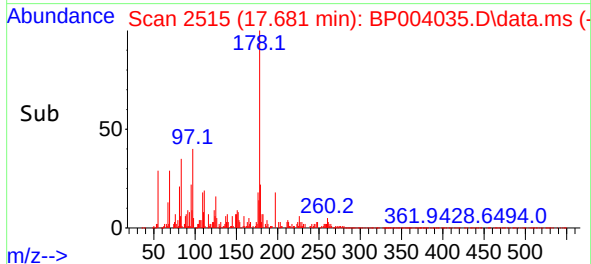
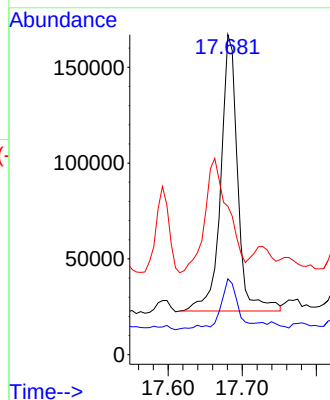
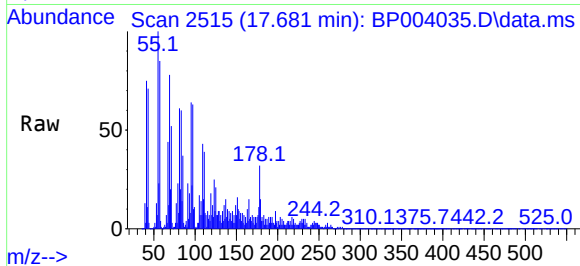




#71
Phenanthrene
Concen: 7.45 ng
RT: 17.681 min Scan# 2515
Delta R.T. 0.006 min
Lab File: BP004035.D
Acq: 20 Nov 2020 21:24

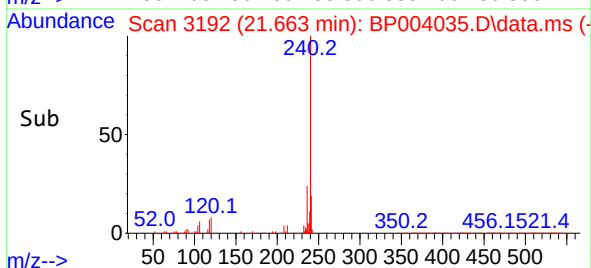
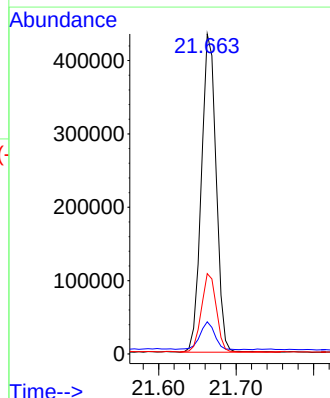
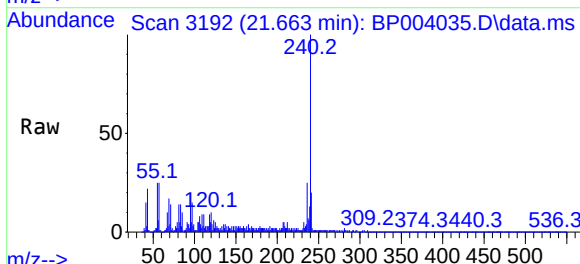
Instrument :
BNA_P
ClientSampleId :
COMP-1654-1658

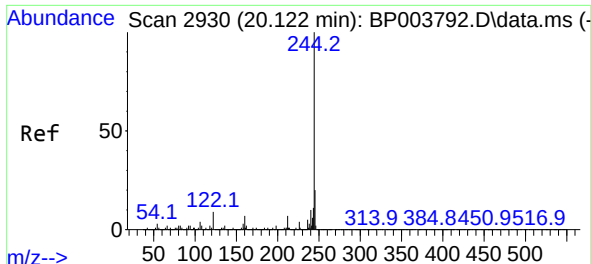
Tgt Ion:178 Resp: 229622
Ion Ratio Lower Upper
178 100
176 23.7 15.3 22.9#
179 46.4 12.5 18.7#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.663 min Scan# 3192
Delta R.T. 0.012 min
Lab File: BP004035.D
Acq: 20 Nov 2020 21:24

Tgt Ion:240 Resp: 575385
Ion Ratio Lower Upper
240 100
120 10.1 7.8 11.6
236 25.1 20.8 31.2

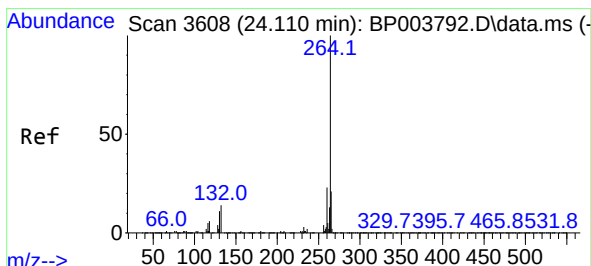
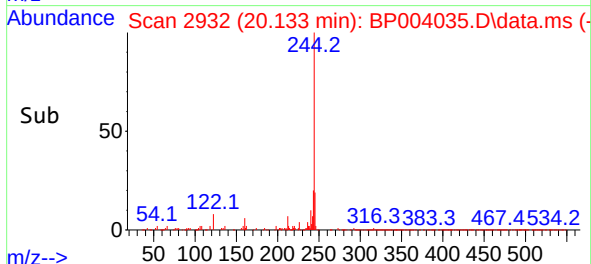
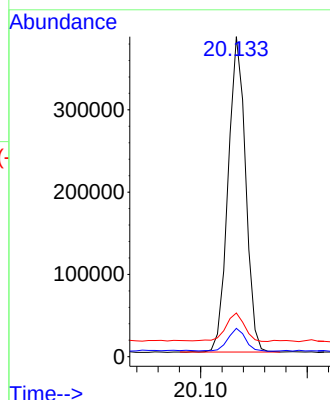
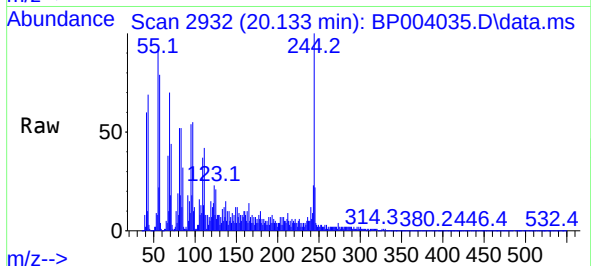




#79
Terphenyl-d14
Concen: 14.67 ng
RT: 20.133 min Scan# 2932
Delta R.T. 0.012 min
Lab File: BP004035.D
Acq: 20 Nov 2020 21:24

Instrument :
BNA_P
ClientSampleId :
COMP-1654-1658

Tgt Ion:244 Resp: 436895
Ion Ratio Lower Upper
244 100
212 8.9 5.8 8.6#
122 13.7 7.8 11.8#



#86
Perylene-d12
Concen: 20.00 ng
RT: 24.127 min Scan# 3611
Delta R.T. 0.018 min
Lab File: BP004035.D
Acq: 20 Nov 2020 21:24

Tgt Ion:264 Resp: 594342
Ion Ratio Lower Upper
264 100
260 23.5 18.8 28.2
265 22.6 17.4 26.2

