

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112420\
 Data File : BP004082.D
 Acq On : 24 Nov 2020 18:43
 Operator : CG/JU
 Sample : L4829-19DL 2X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MW-6DL

Quant Time: Nov 24 23:58:40 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP110320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 23 16:42:41 2020
 Response via : Initial Calibration

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

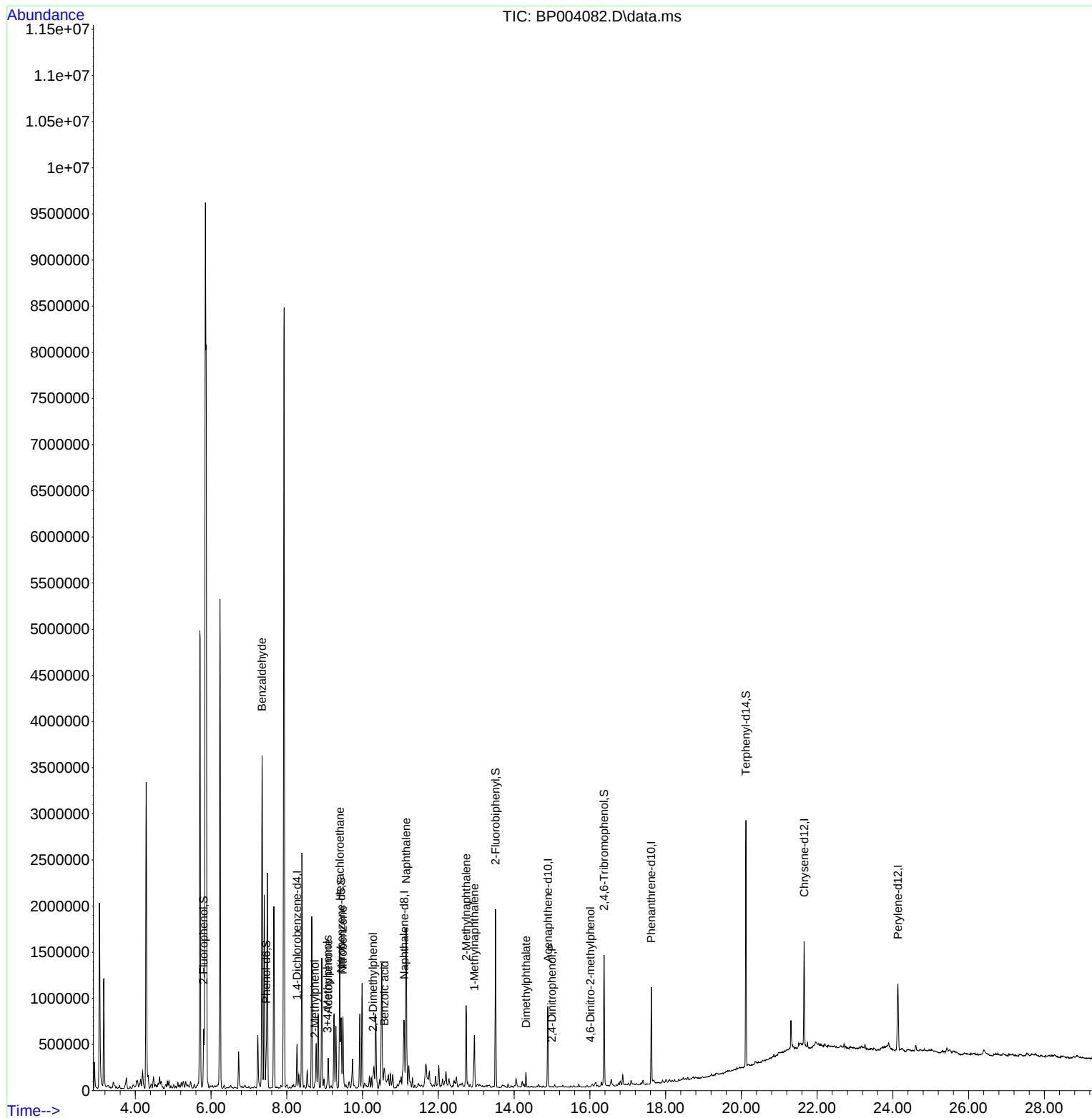
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.269	152	121595	20.00	ng	0.00
21) Naphthalene-d8	11.098	136	475245	20.00	ng	# 0.00
39) Acenaphthene-d10	14.892	164	299345	20.00	ng	0.00
64) Phenanthrene-d10	17.622	188	626598	20.00	ng	# 0.00
76) Chrysene-d12	21.657	240	547996	20.00	ng	0.00
86) Perylene-d12	24.133	264	576662	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.805	112	244957	33.62	ng	0.00
7) Phenol-d6	7.457	99	207735	19.86	ng	0.00
23) Nitrobenzene-d5	9.434	82	421302	43.42	ng	0.00
42) 2,4,6-Tribromophenol	16.375	330	267150	71.35	ng	0.00
45) 2-Fluorobiphenyl	13.510	172	985987	46.05	ng	0.00
79) Terphenyl-d14	20.121	244	1110408	39.15	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.346	77	267010	68.72	ng	# 1
17) 2-Methylphenol	8.740	107	17338	2.62	ng	# 85
18) Hexachloroethane	9.399	117	170650	50.24	ng	# 1
20) 3+4-Methylphenols	9.075	107	29363	3.32	ng	# 77
22) Acetophenone	9.093	105	207467	16.26	ng	# 64
24) Nitrobenzene	9.475	77	26321	2.73	ng	# 1
27) 2,4-Dimethylphenol	10.275	122	29790	4.74	ng	90
31) Naphthalene	11.151	128	1189781	46.65	ng	99
32) Benzoic acid	10.581	122	42826	16.34	ng	# 37
37) 2-Methylnaphthalene	12.734	142	392667	21.52	ng	98
38) 1-Methylnaphthalene	12.951	142	240014	13.79	ng	98
50) Dimethylphthalate	14.316	163	104521	4.47	ng	99
54) 2,4-Dinitrophenol	14.992	184	56	2.76	ng	# 1
65) 4,6-Dinitro-2-methylph...	16.016	198	28	6.35	ng	# 1

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

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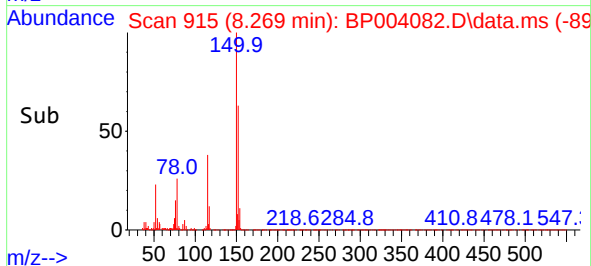
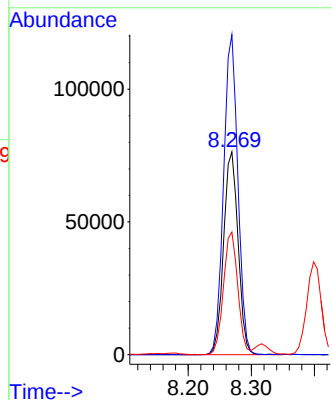
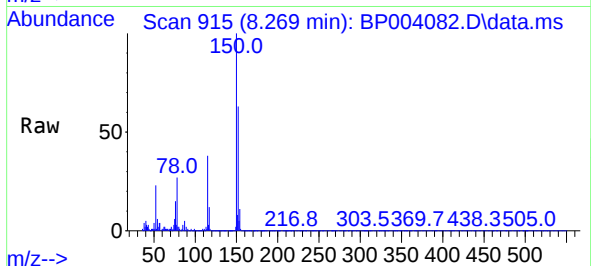




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.269 min Scan# 915
Delta R.T. 0.000 min
Lab File: BP004082.D
Acq: 24 Nov 2020 18:43

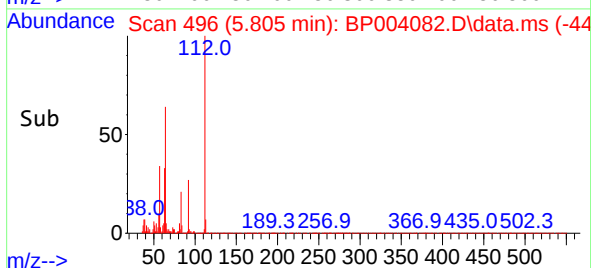
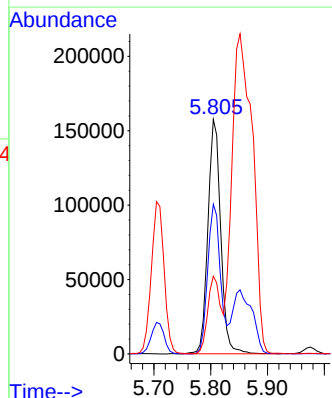
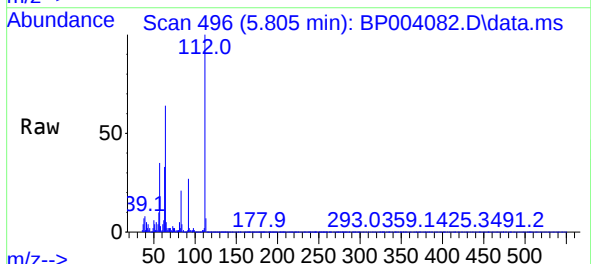
Instrument :
BNA_P
ClientSampled :
MW-6DL

Tgt Ion:152 Resp: 121595
Ion Ratio Lower Upper
152 100
150 157.7 123.8 185.6
115 60.4 43.8 65.6



#5
2-Fluorophenol
Concen: 33.62 ng
RT: 5.805 min Scan# 496
Delta R.T. 0.000 min
Lab File: BP004082.D
Acq: 24 Nov 2020 18:43

Tgt Ion:112 Resp: 244957
Ion Ratio Lower Upper
112 100
64 63.8 32.8 49.2#
63 33.2 17.0 25.4#

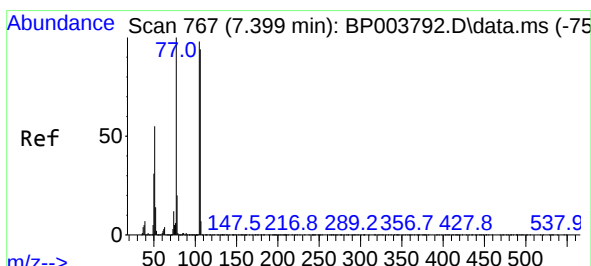
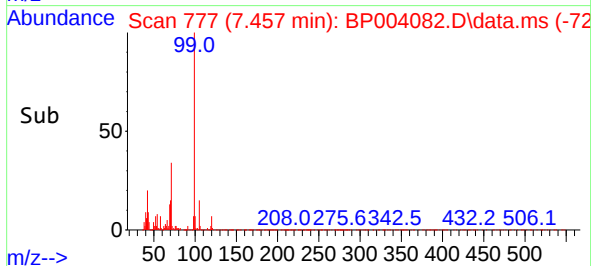
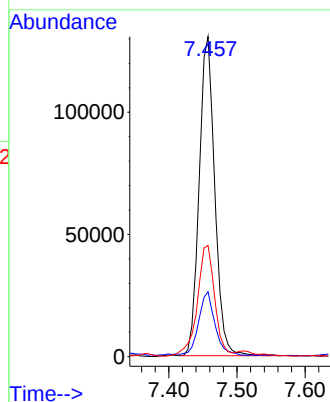
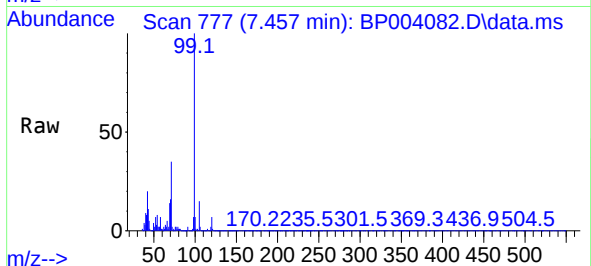




#7
Phenol-d6
Concen: 19.86 ng
RT: 7.457 min Scan# 777
Delta R.T. 0.006 min
Lab File: BP004082.D
Acq: 24 Nov 2020 18:43

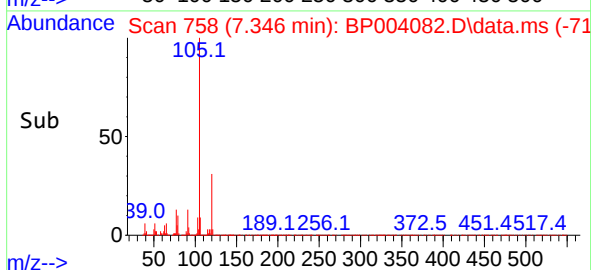
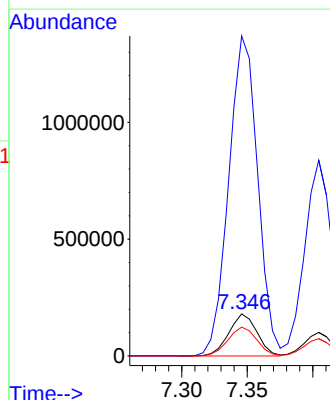
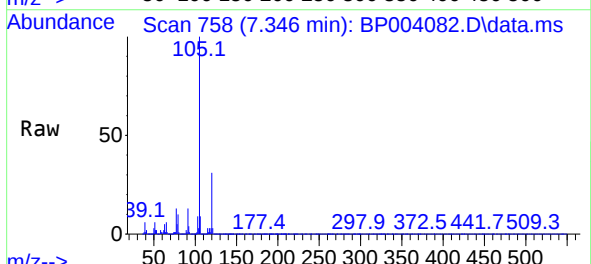
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BNA_P
ClientSampleId :
MW-6DL

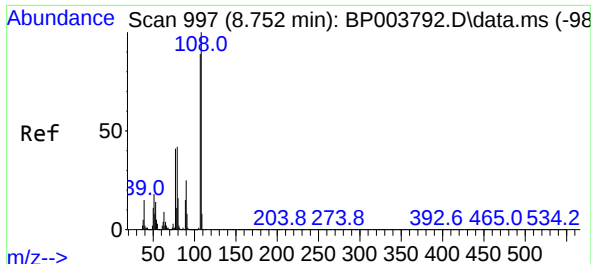
Tgt Ion: 99 Resp: 207735
Ion Ratio Lower Upper
99 100
42 20.3 8.6 13.0#
71 34.7 23.4 35.2



#9
Benzaldehyde
Concen: 68.72 ng
RT: 7.346 min Scan# 758
Delta R.T. -0.023 min
Lab File: BP004082.D
Acq: 24 Nov 2020 18:43

Tgt Ion: 77 Resp: 267010
Ion Ratio Lower Upper
77 100
105 761.6 97.1 137.1#
106 68.6 93.7 133.7#

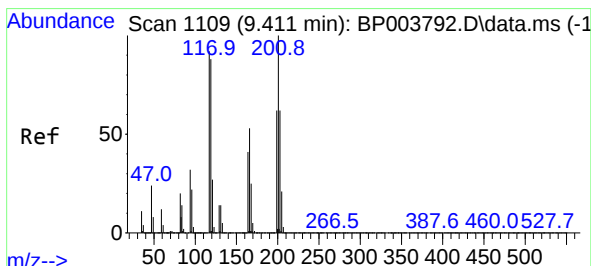
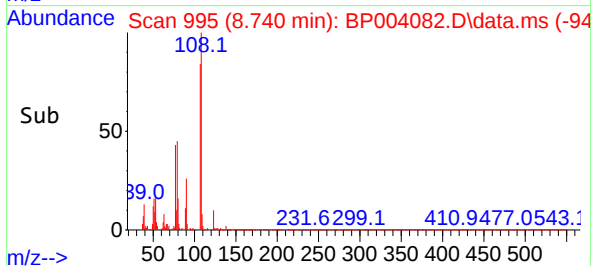
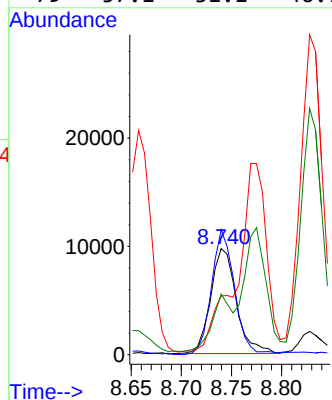
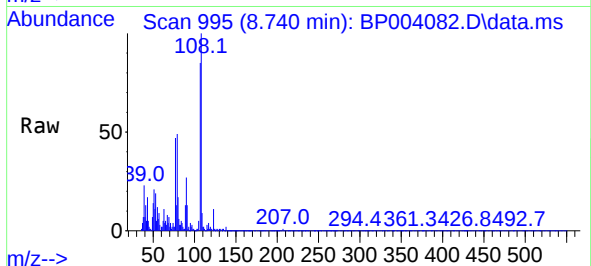




#17
2-Methylphenol
Concen: 2.62 ng
RT: 8.740 min Scan# 995
Delta R.T. 0.000 min
Lab File: BP004082.D
Acq: 24 Nov 2020 18:43

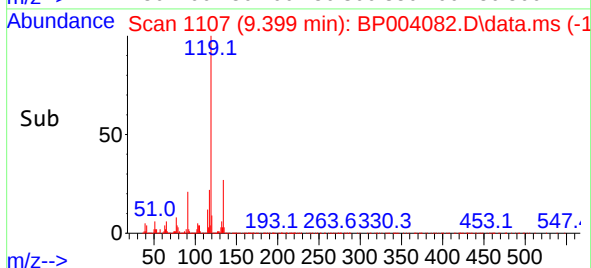
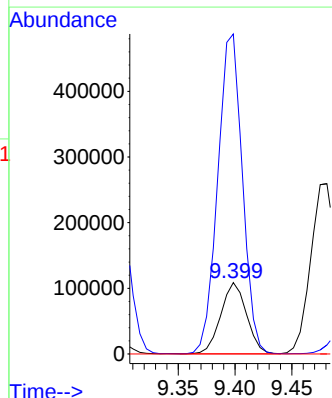
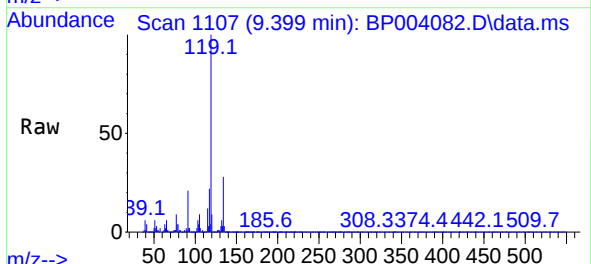
Instrument :
BNA_P
ClientSampled :
MW-6DL

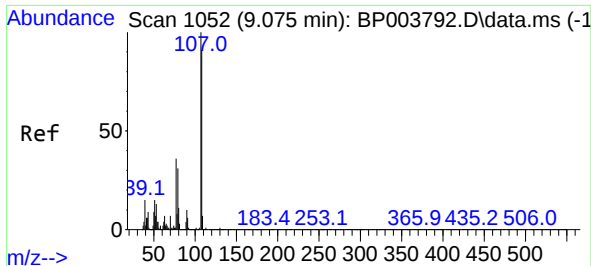
Tgt Ion:	107	Resp:	17338
Ion	Ratio	Lower	Upper
107	100		
108	117.7	89.6	134.4
77	55.4	31.8	47.6#
79	57.1	31.1	46.7#



#18
Hexachloroethane
Concen: 50.24 ng
RT: 9.399 min Scan# 1107
Delta R.T. 0.024 min
Lab File: BP004082.D
Acq: 24 Nov 2020 18:43

Tgt Ion:	117	Resp:	170650
Ion	Ratio	Lower	Upper
117	100		
119	448.5	78.8	118.2#
201	0.0	92.3	138.5#

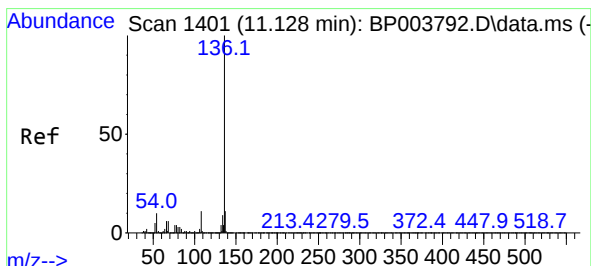
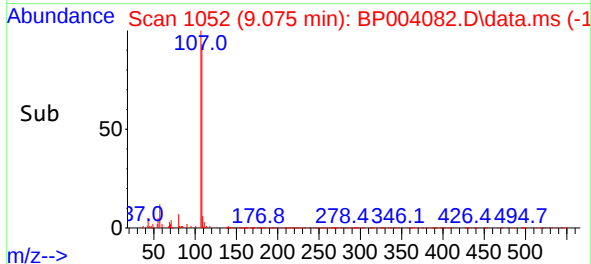
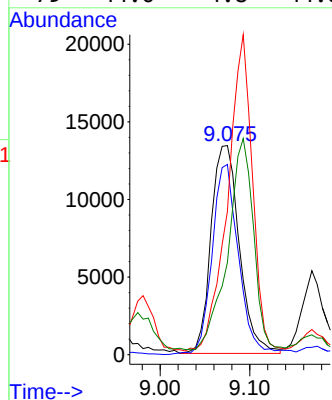
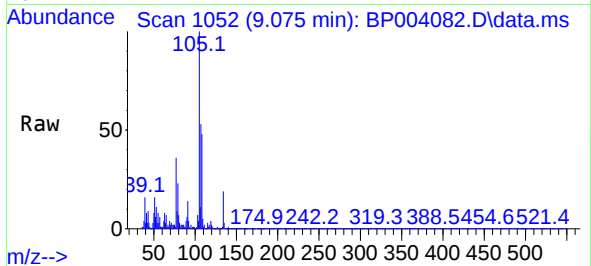




#20
3+4-Methylphenols
Concen: 3.32 ng
RT: 9.075 min Scan# 1052
Delta R.T. 0.006 min
Lab File: BP004082.D
Acq: 24 Nov 2020 18:43

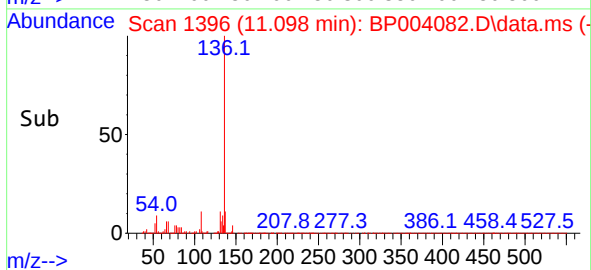
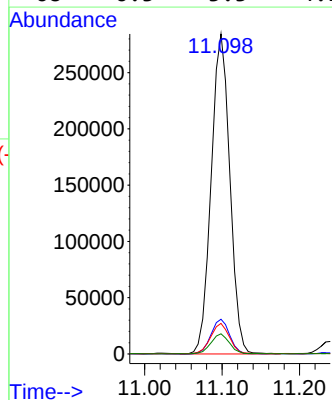
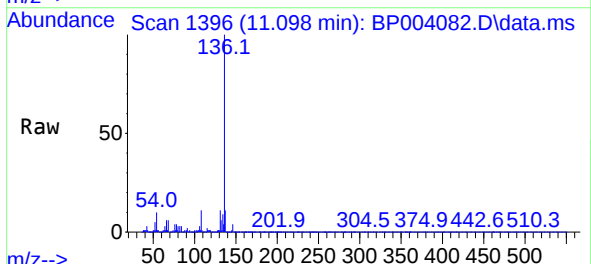
Instrument :
BNA_P
ClientSampled :
MW-6DL

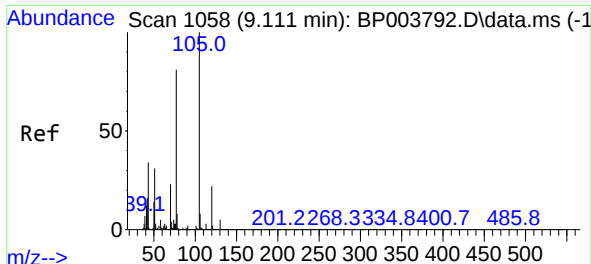
Tgt Ion:	107	Resp:	29363
Ion	Ratio	Lower	Upper
107	100		
108	90.9	69.0	109.0
77	68.5	8.5	48.5#
79	44.0	4.8	44.8



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.098 min Scan# 1396
Delta R.T. 0.000 min
Lab File: BP004082.D
Acq: 24 Nov 2020 18:43

Tgt Ion:	136	Resp:	475245
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	9.5	3.6	5.4#
68	6.3	3.3	4.9#



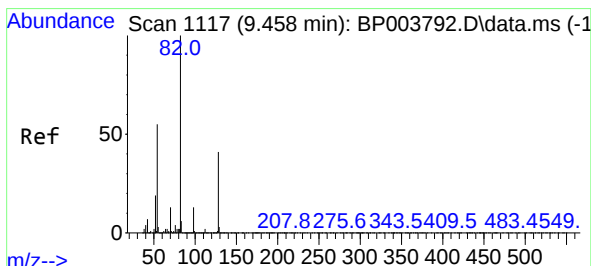
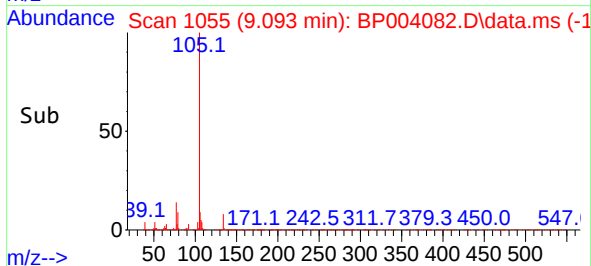
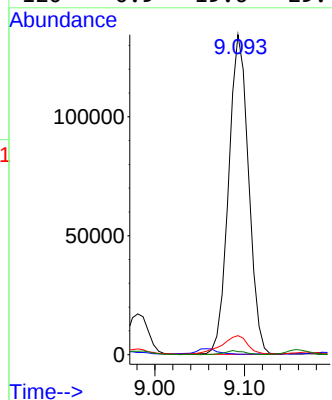
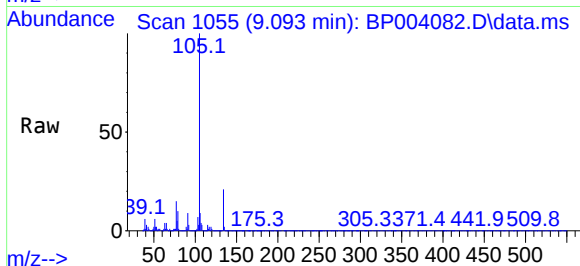


#22
Acetophenone
Concen: 16.26 ng
RT: 9.093 min Scan# 1055
Delta R.T. 0.006 min
Lab File: BP004082.D
Acq: 24 Nov 2020 18:43

Instrument :
BNA_P
ClientSampleId :
MW-6DL

Tgt Ion:105 Resp: 207467

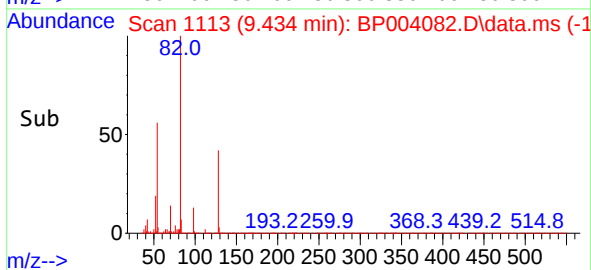
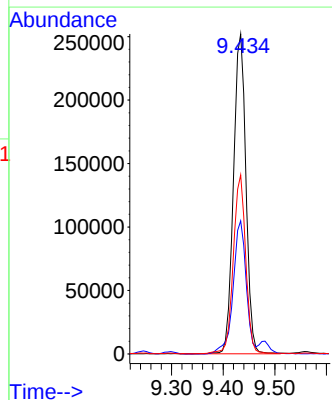
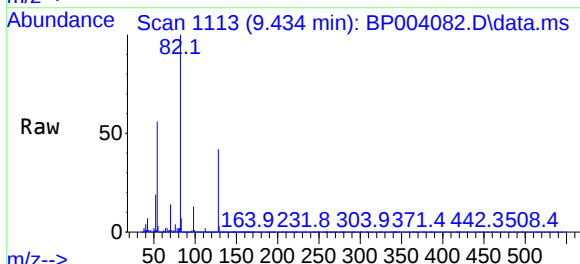
Ion	Ratio	Lower	Upper
105	100		
71	0.2	2.6	3.8#
51	5.9	13.5	20.3#
120	0.9	19.6	29.4#

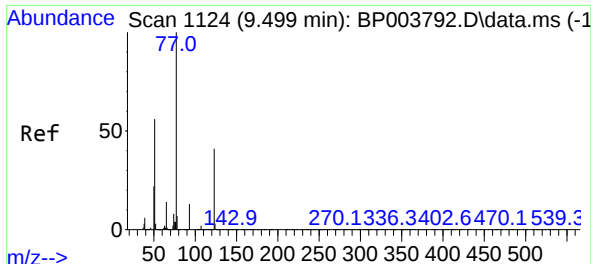


#23
Nitrobenzene-d5
Concen: 43.42 ng
RT: 9.434 min Scan# 1113
Delta R.T. 0.000 min
Lab File: BP004082.D
Acq: 24 Nov 2020 18:43

Tgt Ion: 82 Resp: 421302

Ion	Ratio	Lower	Upper
82	100		
128	41.6	45.6	68.4#
54	55.9	30.1	45.1#

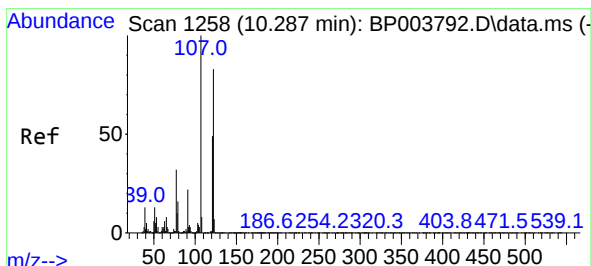
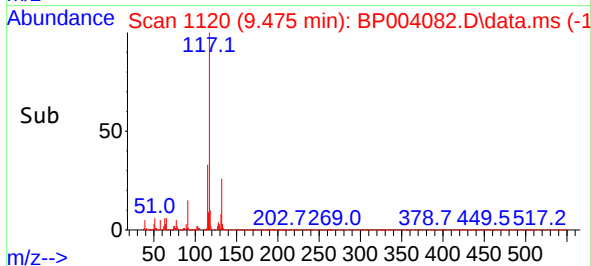
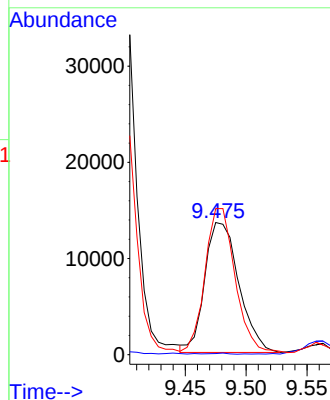
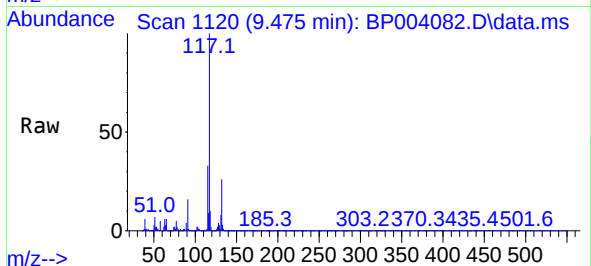




#24
Nitrobenzene
Concen: 2.73 ng
RT: 9.475 min Scan# 1120
Delta R.T. 0.000 min
Lab File: BP004082.D
Acq: 24 Nov 2020 18:43

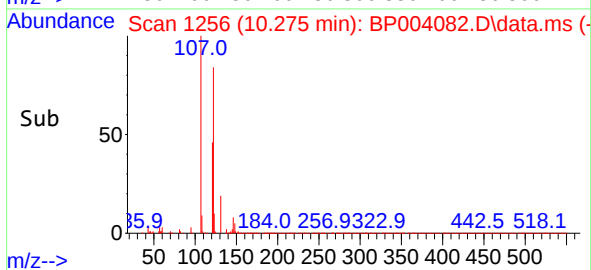
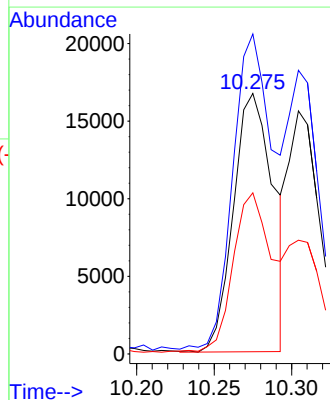
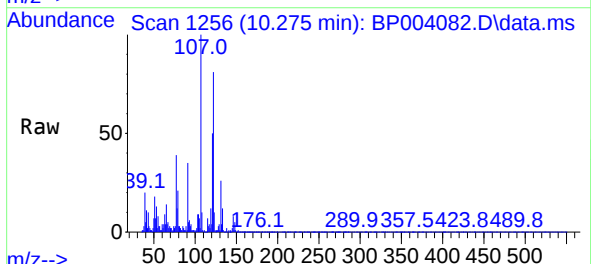
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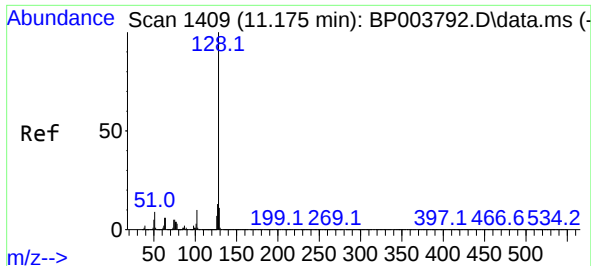
Tgt Ion: 77 Resp: 26321
Ion Ratio Lower Upper
77 100
123 0.9 48.6 72.8#
65 110.5 10.0 15.0#



#27
2,4-Dimethylphenol
Concen: 4.74 ng
RT: 10.275 min Scan# 1256
Delta R.T. 0.000 min
Lab File: BP004082.D
Acq: 24 Nov 2020 18:43

Tgt Ion: 122 Resp: 29790
Ion Ratio Lower Upper
122 100
107 122.8 87.3 130.9
121 61.9 47.3 70.9

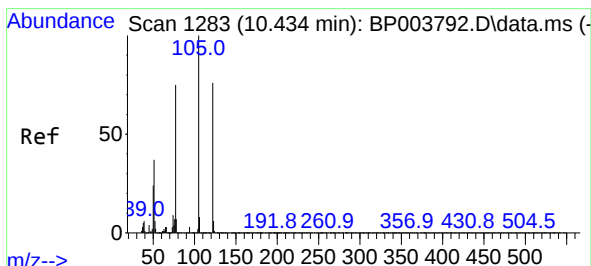
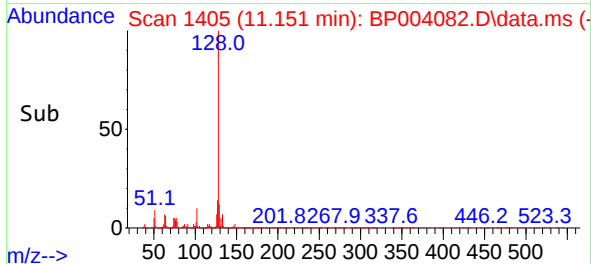
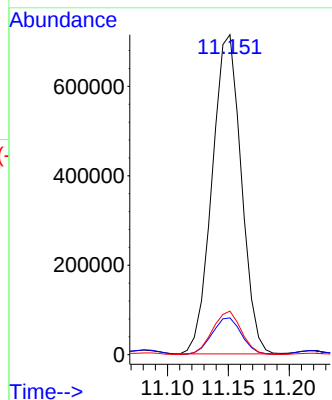
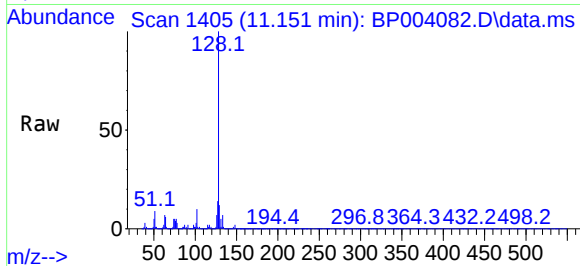




#31
Naphthalene
Concen: 46.65 ng
RT: 11.151 min Scan# 1405
Delta R.T. 0.006 min
Lab File: BP004082.D
Acq: 24 Nov 2020 18:43

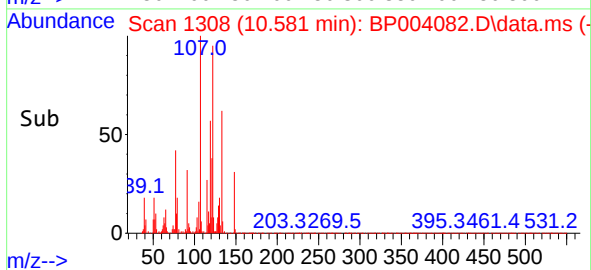
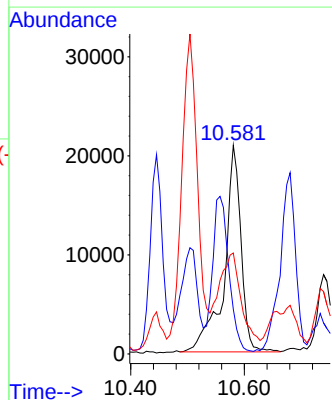
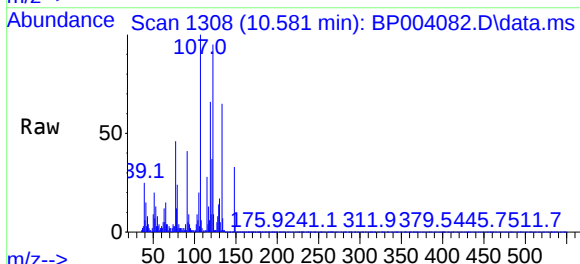
Instrument :
BNA_P
ClientSampleId :
MW-6DL

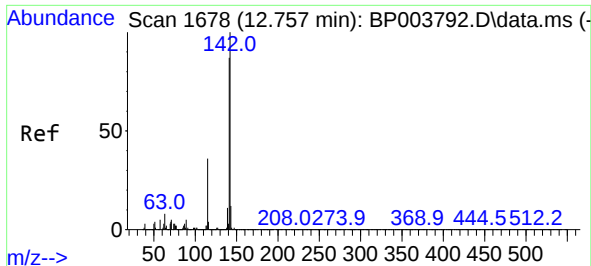
Tgt Ion:128 Resp: 1189781
Ion Ratio Lower Upper
128 100
129 11.5 8.8 13.2
127 13.6 10.6 15.8



#32
Benzoic acid
Concen: 16.34 ng
RT: 10.581 min Scan# 1308
Delta R.T. 0.124 min
Lab File: BP004082.D
Acq: 24 Nov 2020 18:43

Tgt Ion:122 Resp: 42826
Ion Ratio Lower Upper
122 100
105 21.4 94.1 134.1#
77 48.4 50.1 90.1#

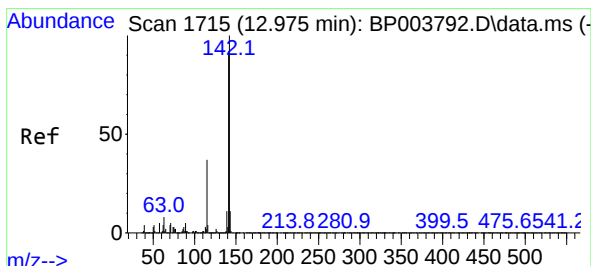
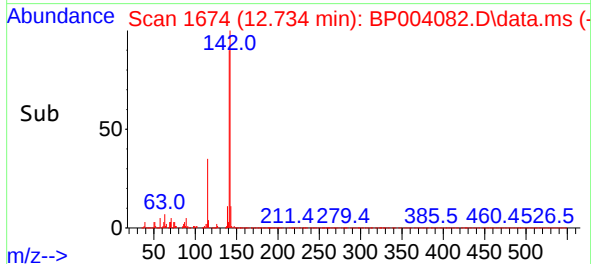
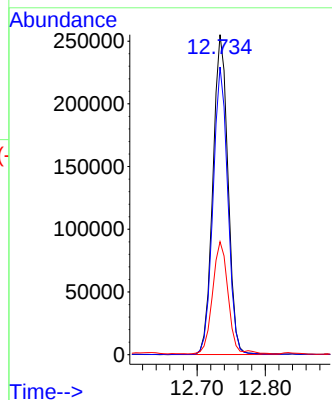
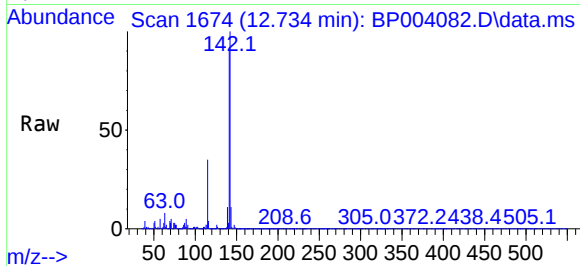




#37
2-Methylnaphthalene
Concen: 21.52 ng
RT: 12.734 min Scan# 1674
Delta R.T. 0.000 min
Lab File: BP004082.D
Acq: 24 Nov 2020 18:43

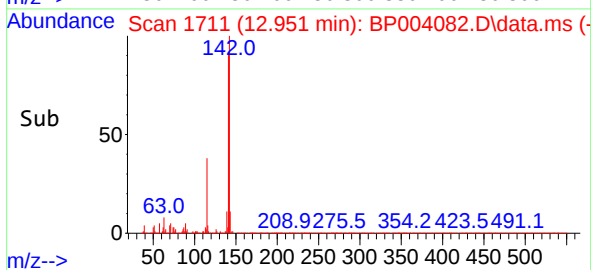
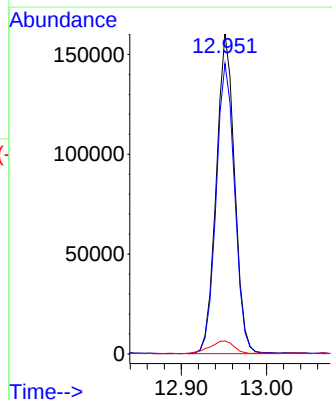
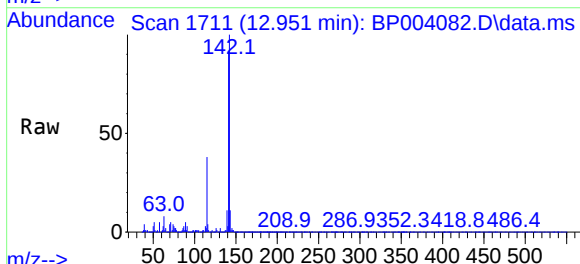
Instrument :
BNA_P
ClientSampleId :
MW-6DL

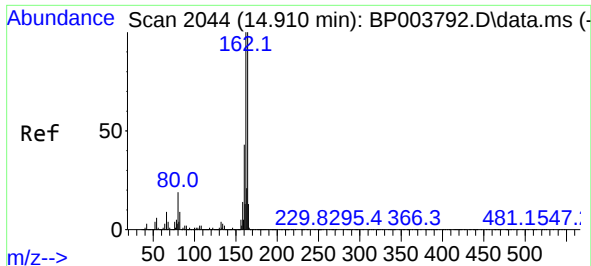
Tgt Ion:142 Resp: 392667
Ion Ratio Lower Upper
142 100
141 89.9 71.4 107.2
115 35.3 25.8 38.6



#38
1-Methylnaphthalene
Concen: 13.79 ng
RT: 12.951 min Scan# 1711
Delta R.T. 0.000 min
Lab File: BP004082.D
Acq: 24 Nov 2020 18:43

Tgt Ion:142 Resp: 240014
Ion Ratio Lower Upper
142 100
141 90.8 74.4 111.6
116 4.1 2.9 4.3

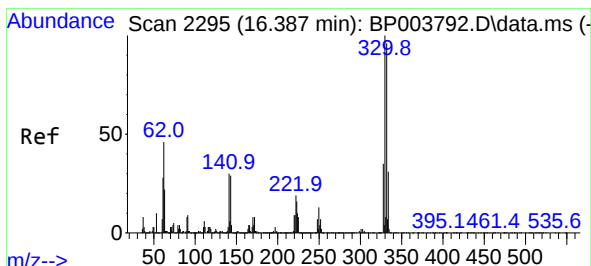
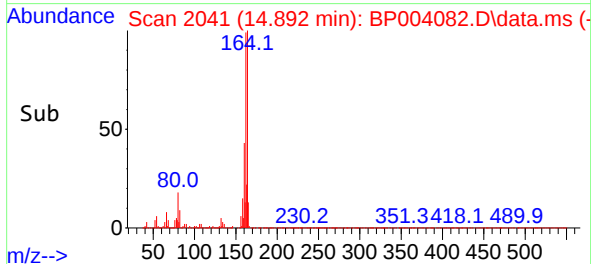
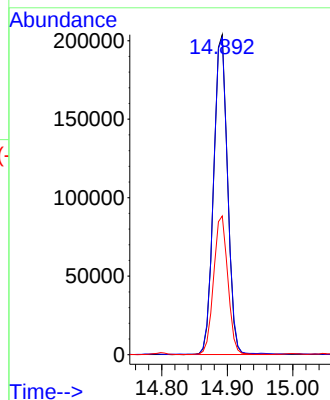
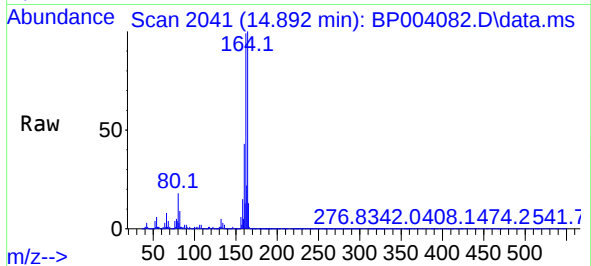




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.892 min Scan# 2041
Delta R.T. 0.000 min
Lab File: BP004082.D
Acq: 24 Nov 2020 18:43

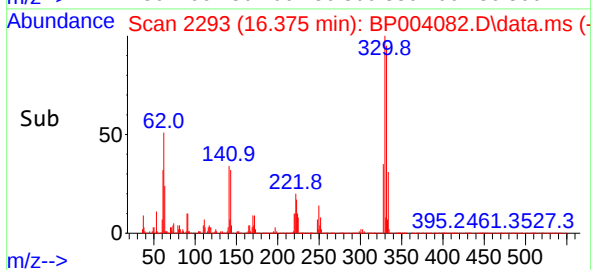
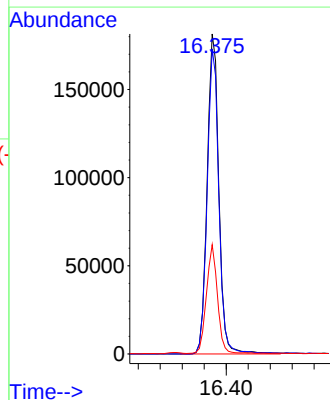
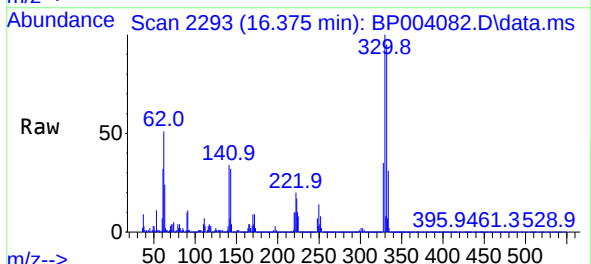
Instrument :
BNA_P
ClientSampleId :
MW-6DL

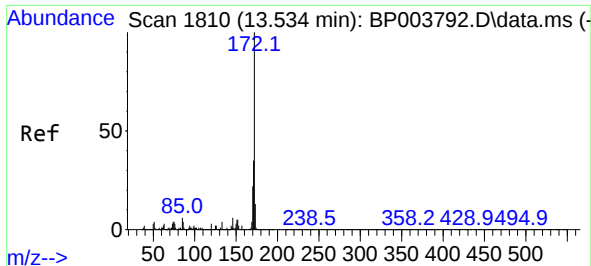
Tgt Ion:164 Resp: 299345
Ion Ratio Lower Upper
164 100
162 99.1 79.4 119.2
160 43.4 36.1 54.1



#42
2,4,6-Tribromophenol
Concen: 71.35 ng
RT: 16.375 min Scan# 2293
Delta R.T. 0.000 min
Lab File: BP004082.D
Acq: 24 Nov 2020 18:43

Tgt Ion:330 Resp: 267150
Ion Ratio Lower Upper
330 100
332 95.4 77.1 115.7
141 32.1 23.4 35.2

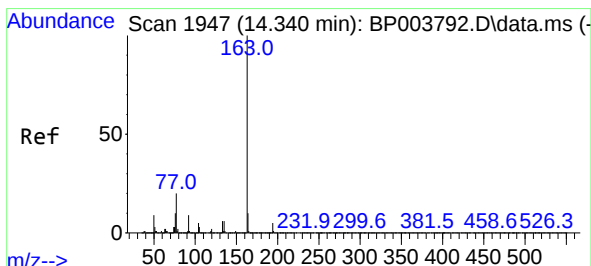
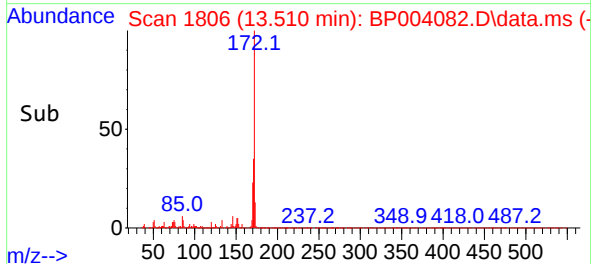
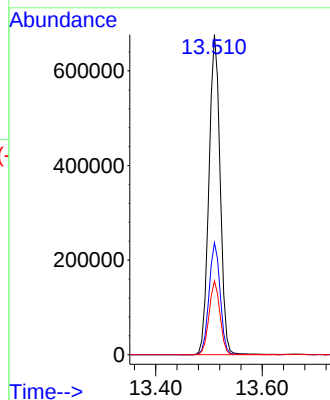
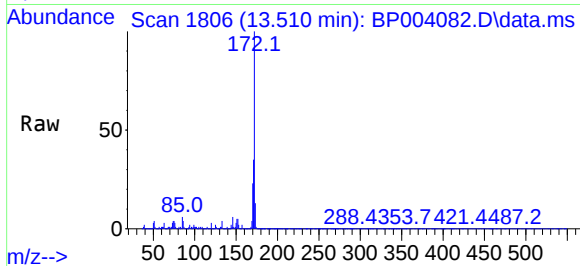




#45
2-Fluorobiphenyl
Concen: 46.05 ng
RT: 13.510 min Scan# 1806
Delta R.T. 0.000 min
Lab File: BP004082.D
Acq: 24 Nov 2020 18:43

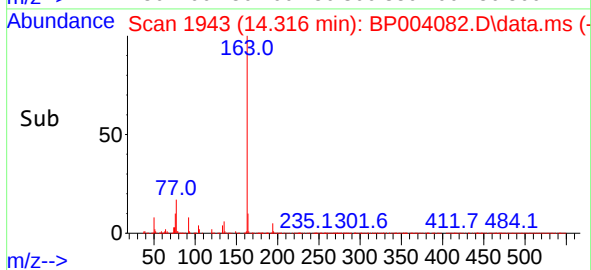
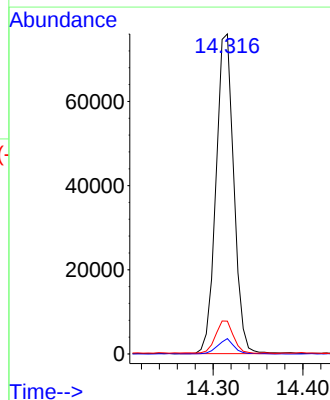
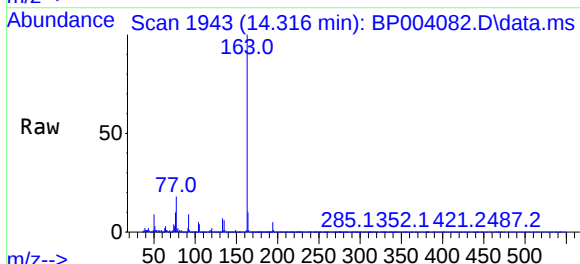
Instrument :
BNA_P
ClientSampleId :
MW-6DL

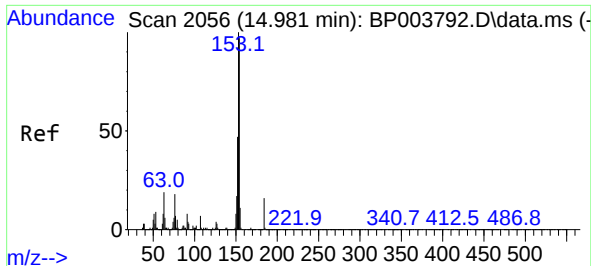
Tgt Ion:	172	Resp:	985987
Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.5	42.7
170	23.0	19.2	28.8



#50
Dimethylphthalate
Concen: 4.47 ng
RT: 14.316 min Scan# 1943
Delta R.T. -0.006 min
Lab File: BP004082.D
Acq: 24 Nov 2020 18:43

Tgt Ion:	163	Resp:	104521
Ion	Ratio	Lower	Upper
163	100		
194	4.8	3.3	4.9
164	10.2	8.2	12.2

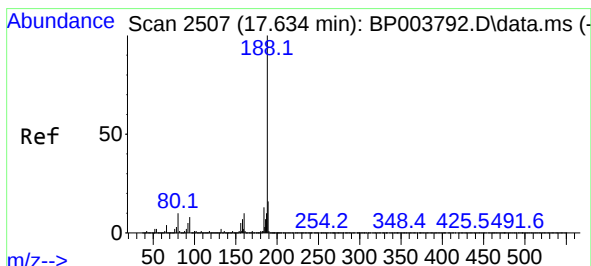
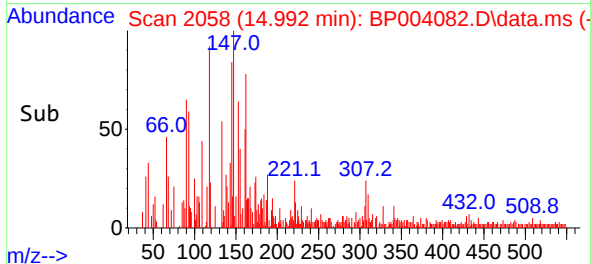
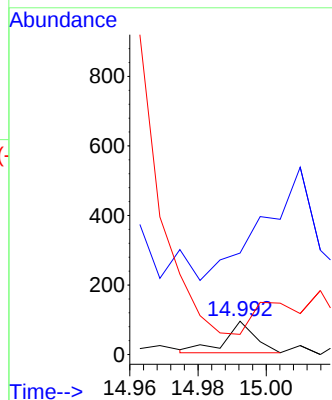
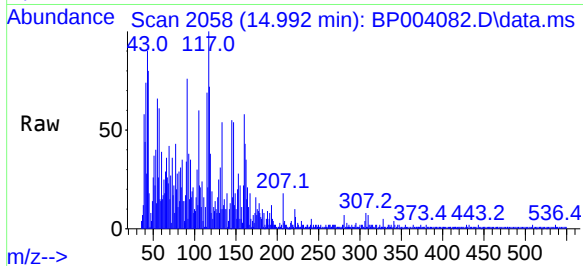




#54
2,4-Dinitrophenol
Concen: 2.76 ng
RT: 14.992 min Scan# 2058
Delta R.T. 0.000 min
Lab File: BP004082.D
Acq: 24 Nov 2020 18:43

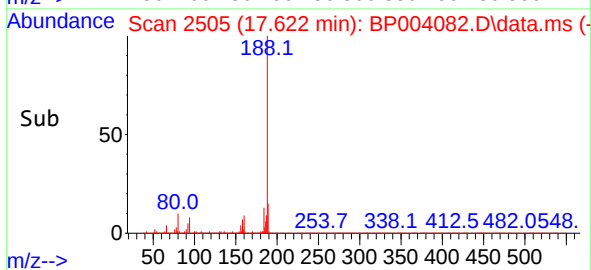
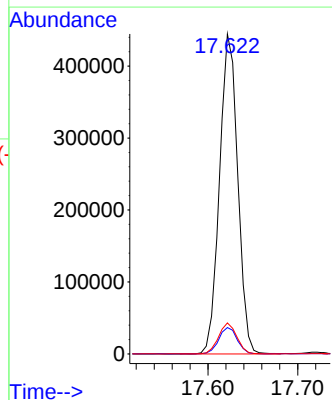
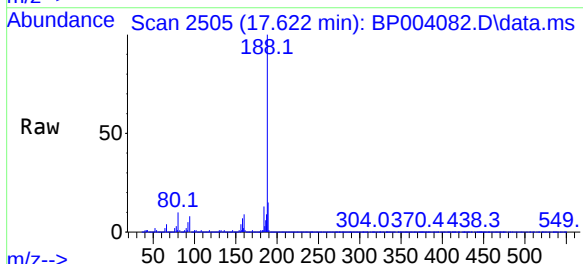
Instrument :
BNA_P
ClientSampleId :
MW-6DL

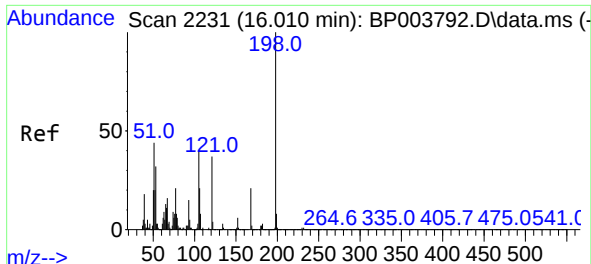
Tgt Ion:184	Resp:	56
Ion Ratio	Lower	Upper
184	100	
63	304.2	32.3 48.5#
154	60.4	49.1 73.7



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.622 min Scan# 2505
Delta R.T. 0.000 min
Lab File: BP004082.D
Acq: 24 Nov 2020 18:43

Tgt Ion:188	Resp:	626598
Ion Ratio	Lower	Upper
188	100	
94	8.2	6.2 9.2
80	9.7	6.2 9.2#

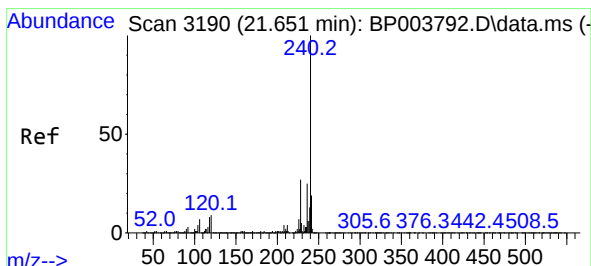
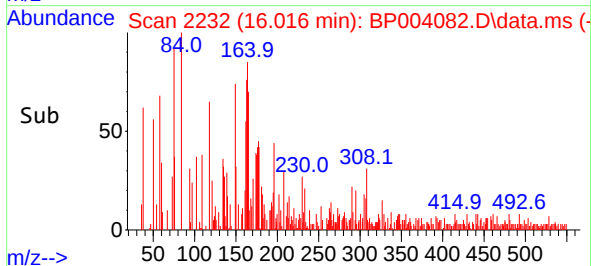
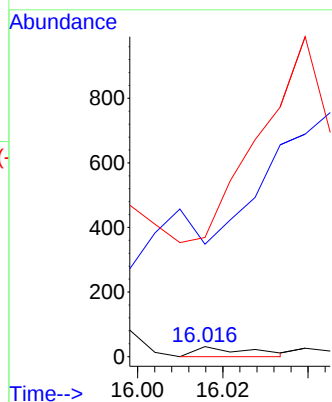
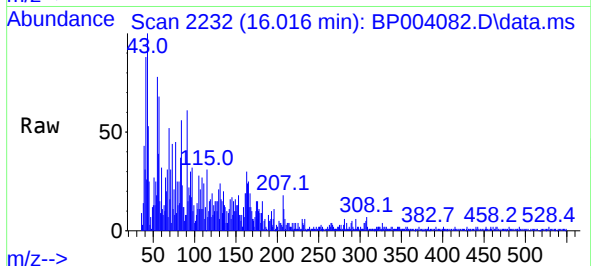




#65
4,6-Dinitro-2-methylphenol
Concen: 6.35 ng
RT: 16.016 min Scan# 2232
Delta R.T. 0.000 min
Lab File: BP004082.D
Acq: 24 Nov 2020 18:43

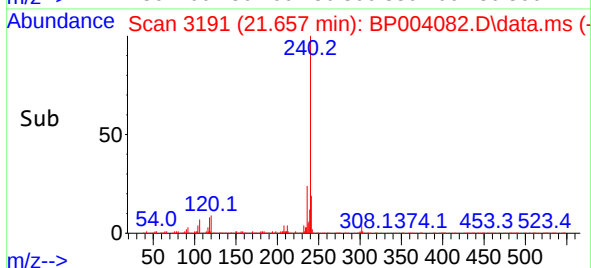
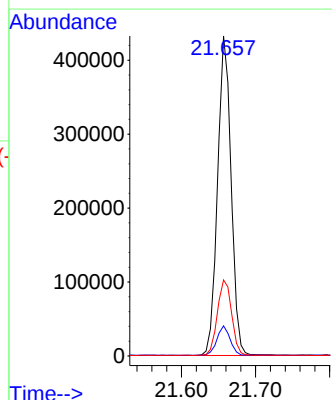
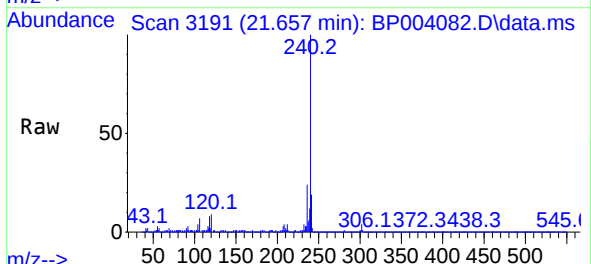
Instrument :
BNA_P
ClientSampled :
MW-6DL

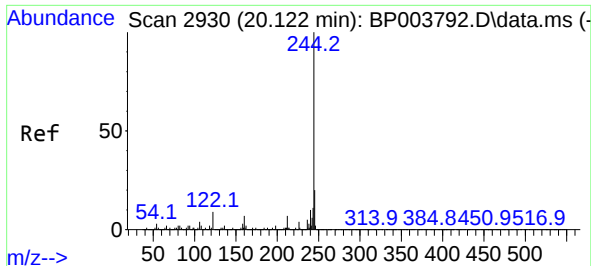
Tgt Ion:198 Resp: 28
Ion Ratio Lower Upper
198 100
51 1122.6 6.4 46.4#
105 1190.3 18.9 58.9#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.657 min Scan# 3191
Delta R.T. -0.006 min
Lab File: BP004082.D
Acq: 24 Nov 2020 18:43

Tgt Ion:240 Resp: 547996
Ion Ratio Lower Upper
240 100
120 9.4 7.8 11.6
236 23.7 20.8 31.2

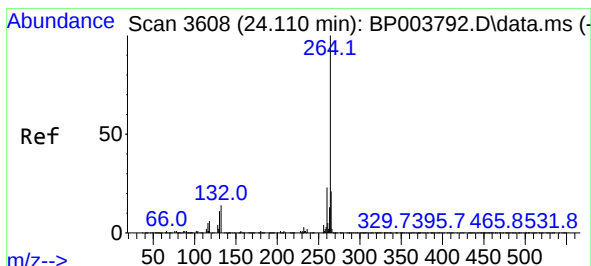
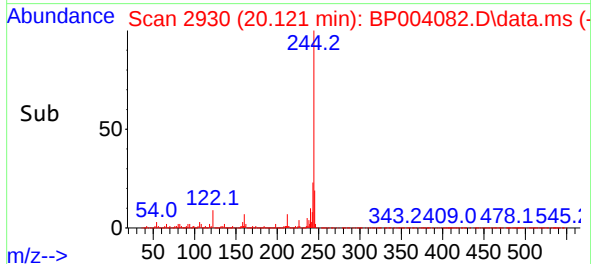
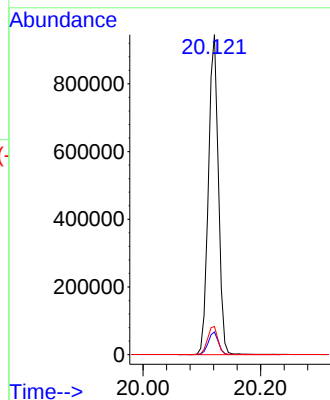
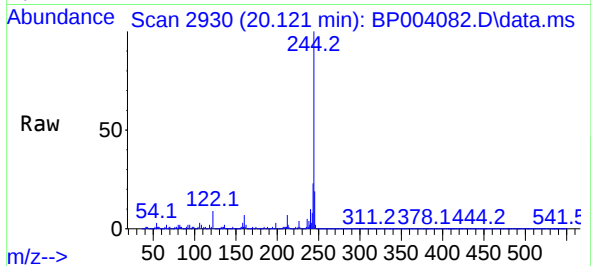




#79
Terphenyl-d14
Concen: 39.15 ng
RT: 20.121 min Scan# 2930
Delta R.T. 0.000 min
Lab File: BP004082.D
Acq: 24 Nov 2020 18:43

Instrument :
BNA_P
ClientSampled :
MW-6DL

Tgt Ion:244 Resp: 1110408
Ion Ratio Lower Upper
244 100
212 7.1 5.8 8.6
122 8.8 7.8 11.8



#86
Perylene-d12
Concen: 20.00 ng
RT: 24.133 min Scan# 3612
Delta R.T. 0.006 min
Lab File: BP004082.D
Acq: 24 Nov 2020 18:43

Tgt Ion:264 Resp: 576662
Ion Ratio Lower Upper
264 100
260 23.4 18.8 28.2
265 22.3 17.4 26.2

