

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112020\
 Data File : BP004029.D
 Acq On : 20 Nov 2020 18:00
 Operator : CG/JU
 Sample : L4829-12
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MW-2

Quant Time: Nov 23 04:03:00 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)

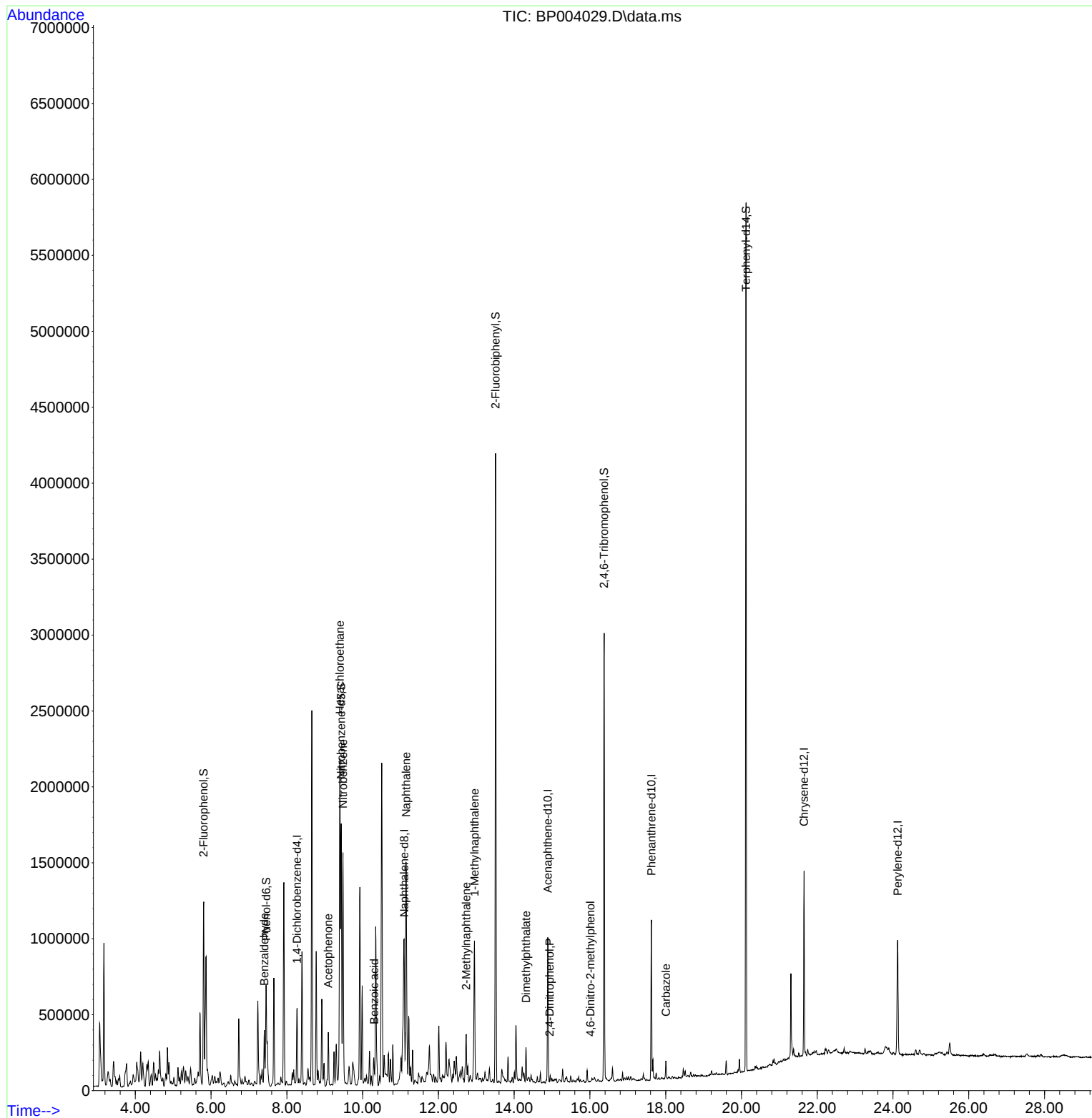
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.269	152	127794	20.00	ng	-0.02
21) Naphthalene-d8	11.099	136	491818	20.00	ng	#-0.03
39) Acenaphthene-d10	14.887	164	310342	20.00	ng	-0.02
64) Phenanthrene-d10	17.622	188	636399	20.00	ng	-0.01
76) Chrysene-d12	21.651	240	589921	20.00	ng	0.00
86) Perylene-d12	24.121	264	593564	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.805	112	467373	61.04	ng	0.00
7) Phenol-d6	7.452	99	362383	32.97	ng	0.00
23) Nitrobenzene-d5	9.434	82	939383	93.54	ng	-0.02
42) 2,4,6-Tribromophenol	16.375	330	567111	146.10	ng	-0.01
45) 2-Fluorobiphenyl	13.510	172	2053383	92.50	ng	-0.02
79) Terphenyl-d14	20.122	244	2478495	81.17	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.405	77	26052	2.66	ng	# 1
18) Hexachloroethane	9.399	117	234586	65.72	ng	# 1
22) Acetophenone	9.093	105	234046	17.73	ng	# 63
24) Nitrobenzene	9.481	77	47785	4.79	ng	# 1
31) Naphthalene	11.146	128	791607	29.99	ng	98
32) Benzoic acid	10.305	122	2290	8.72	ng	# 1
37) 2-Methylnaphthalene	12.734	142	126814	6.71	ng	96
38) 1-Methylnaphthalene	12.951	142	407700	22.63	ng	99
50) Dimethylphthalate	14.310	163	146181	6.03	ng	98
54) 2,4-Dinitrophenol	14.934	184	70	2.77	ng	# 1
65) 4,6-Dinitro-2-methylph...	16.016	198	61	6.36	ng	# 1
73) Carbazole	18.004	167	69583	2.17	ng	97

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

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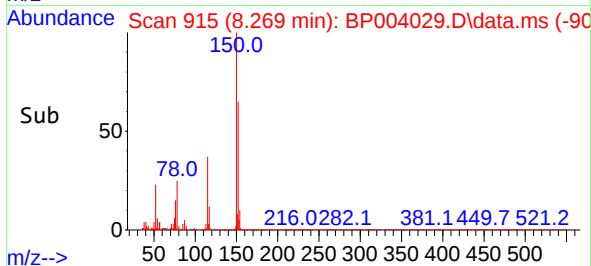
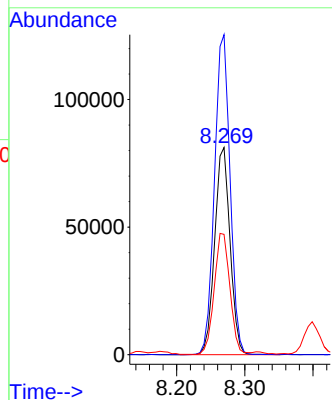
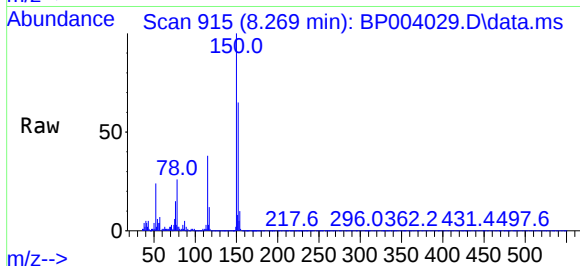




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.269 min Scan# 915
Delta R.T. -0.024 min
Lab File: BP004029.D
Acq: 20 Nov 2020 18:00

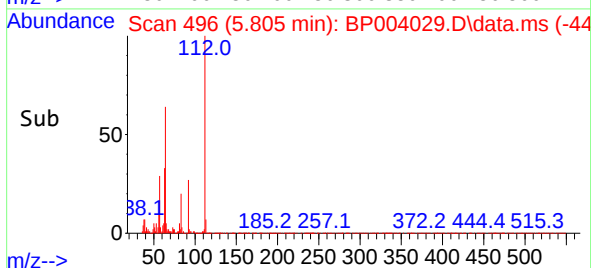
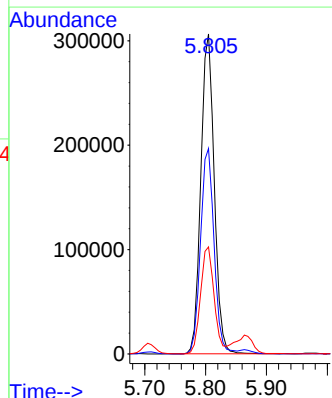
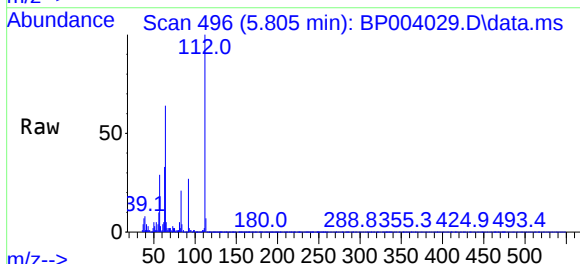
Instrument :
BNA_P
ClientSampled :
MW-2

Tgt Ion:152 Resp: 127794
Ion Ratio Lower Upper
152 100
150 154.5 123.8 185.6
115 58.1 43.8 65.6



#5
2-Fluorophenol
Concen: 61.04 ng
RT: 5.805 min Scan# 496
Delta R.T. -0.006 min
Lab File: BP004029.D
Acq: 20 Nov 2020 18:00

Tgt Ion:112 Resp: 467373
Ion Ratio Lower Upper
112 100
64 64.2 32.8 49.2#
63 33.5 17.0 25.4#

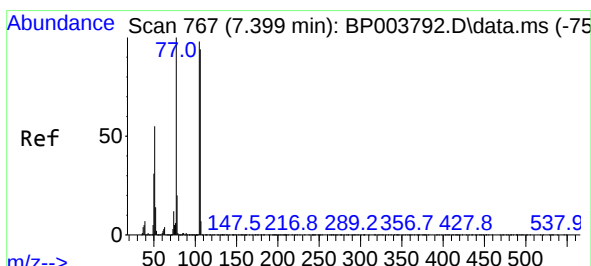
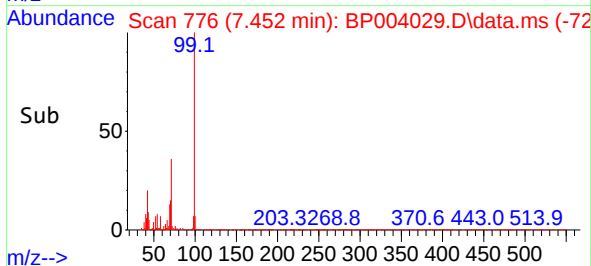
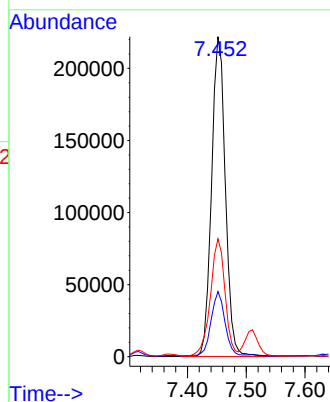
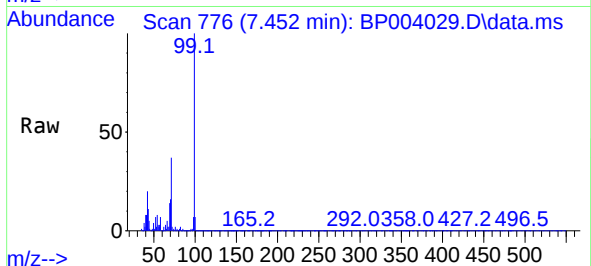




#7
Phenol-d6
Concen: 32.97 ng
RT: 7.452 min Scan# 776
Delta R.T. -0.006 min
Lab File: BP004029.D
Acq: 20 Nov 2020 18:00

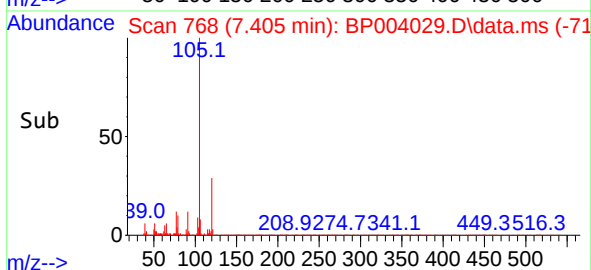
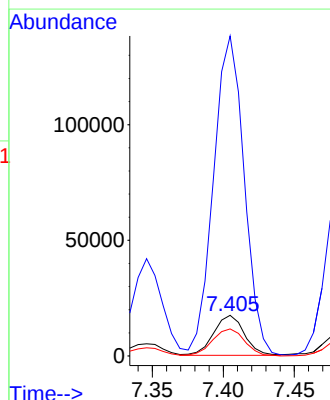
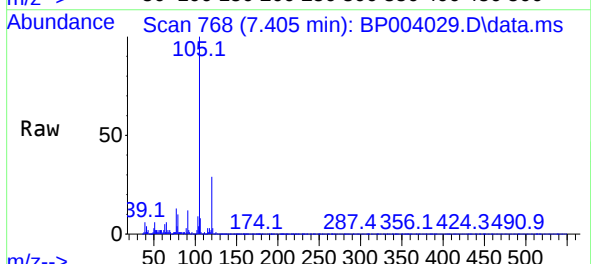
Instrument :
BNA_P
ClientSampled :
MW-2

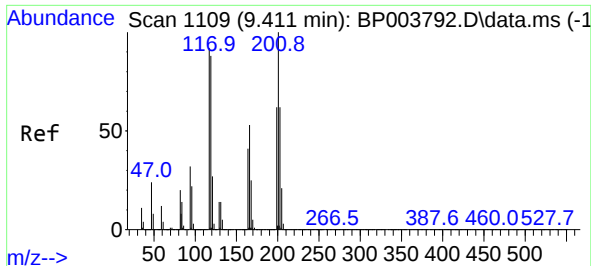
Tgt Ion: 99 Resp: 362383
Ion Ratio Lower Upper
99 100
42 20.3 8.6 13.0#
71 36.9 23.4 35.2#



#9
Benzaldehyde
Concen: 2.66 ng
RT: 7.405 min Scan# 768
Delta R.T. 0.006 min
Lab File: BP004029.D
Acq: 20 Nov 2020 18:00

Tgt Ion: 77 Resp: 26052
Ion Ratio Lower Upper
77 100
105 787.6 97.1 137.1#
106 66.8 93.7 133.7#

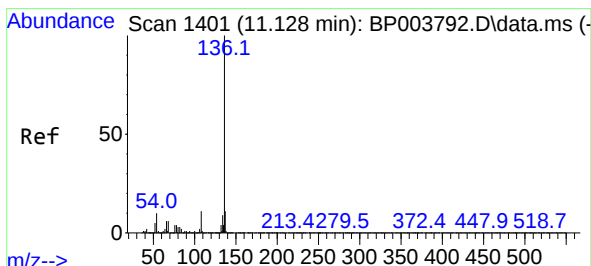
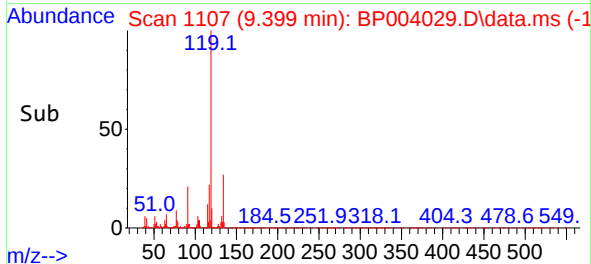
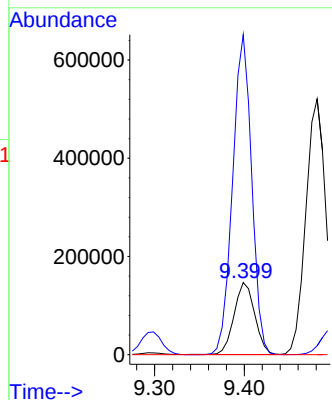
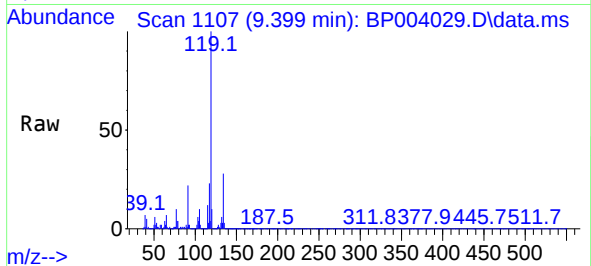




#18
Hexachloroethane
Concen: 65.72 ng
RT: 9.399 min Scan# 1107
Delta R.T. -0.012 min
Lab File: BP004029.D
Acq: 20 Nov 2020 18:00

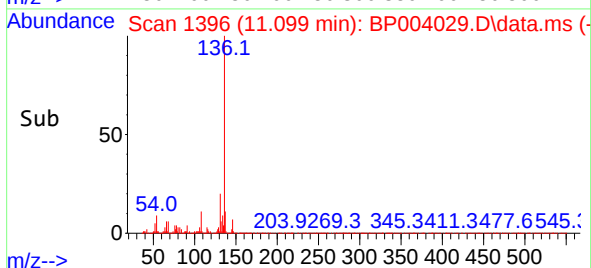
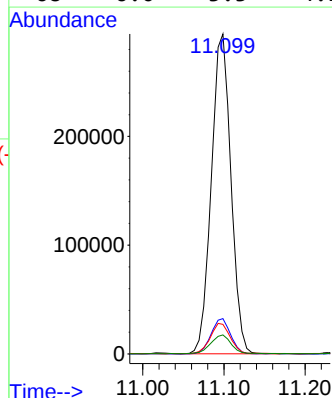
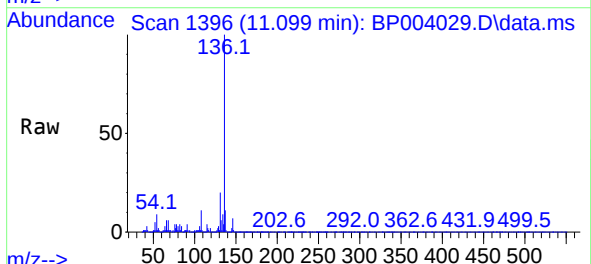
Instrument :
BNA_P
ClientSampleId :
MW-2

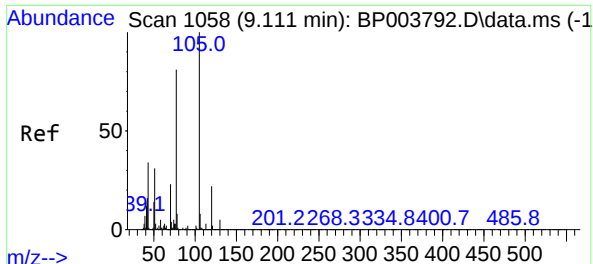
Tgt Ion:117 Resp: 234586
Ion Ratio Lower Upper
117 100
119 443.6 78.8 118.2#
201 0.0 92.3 138.5#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.099 min Scan# 1396
Delta R.T. -0.029 min
Lab File: BP004029.D
Acq: 20 Nov 2020 18:00

Tgt Ion:136 Resp: 491818
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 9.2 3.6 5.4#
68 6.0 3.3 4.9#

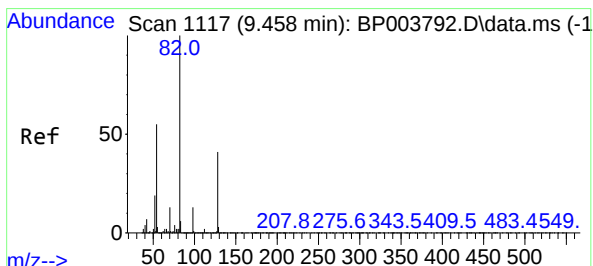
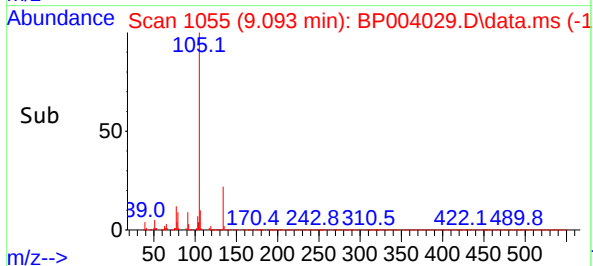
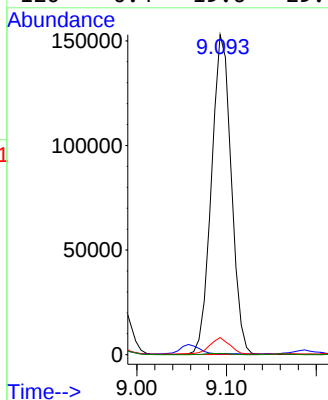
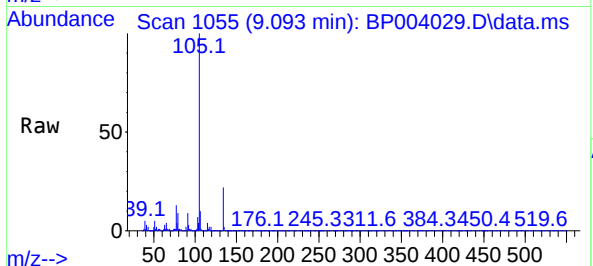




#22
Acetophenone
Concen: 17.73 ng
RT: 9.093 min Scan# 1055
Delta R.T. -0.018 min
Lab File: BP004029.D
Acq: 20 Nov 2020 18:00

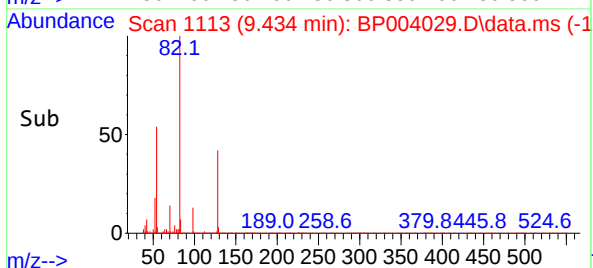
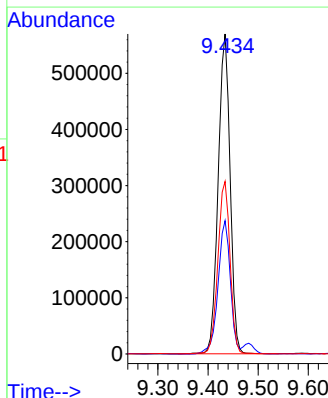
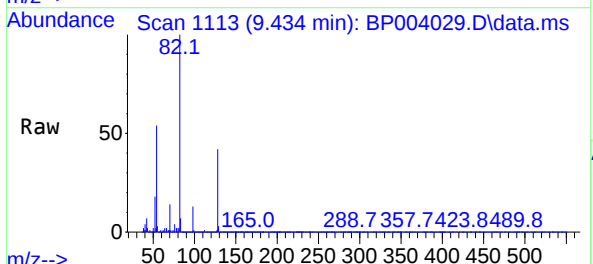
Instrument :
BNA_P
ClientSampled :
MW-2

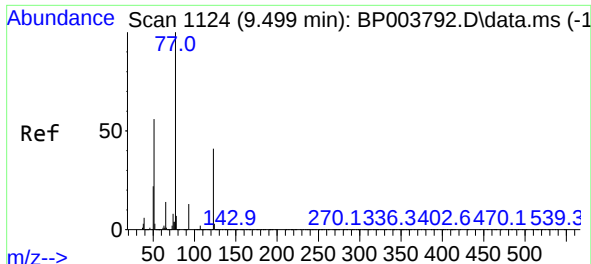
Tgt Ion:	105	Resp:	234046
Ion	Ratio	Lower	Upper
105	100		
71	0.3	2.6	3.8#
51	5.4	13.5	20.3#
120	0.4	19.6	29.4#



#23
Nitrobenzene-d5
Concen: 93.54 ng
RT: 9.434 min Scan# 1113
Delta R.T. -0.024 min
Lab File: BP004029.D
Acq: 20 Nov 2020 18:00

Tgt Ion:	82	Resp:	939383
Ion	Ratio	Lower	Upper
82	100		
128	41.7	45.6	68.4#
54	53.9	30.1	45.1#

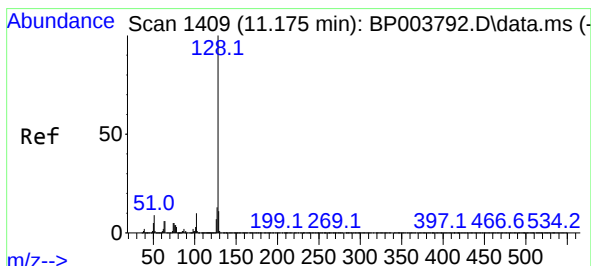
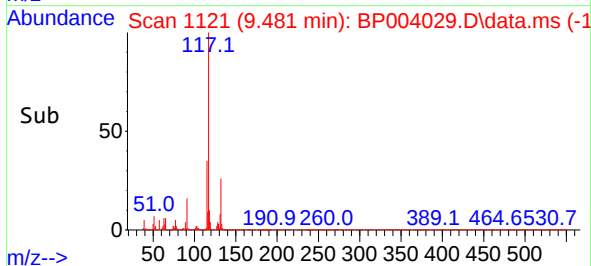
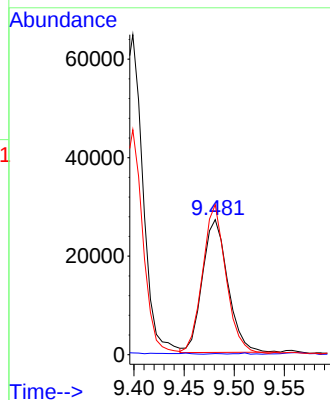
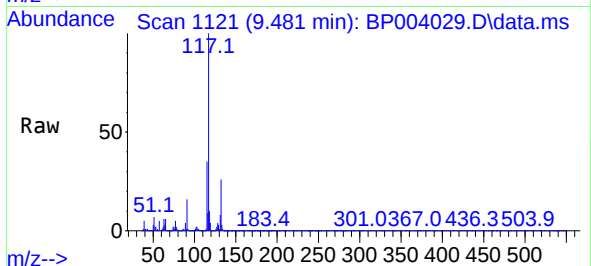




#24
Nitrobenzene
Concen: 4.79 ng
RT: 9.481 min Scan# 1121
Delta R.T. -0.018 min
Lab File: BP004029.D
Acq: 20 Nov 2020 18:00

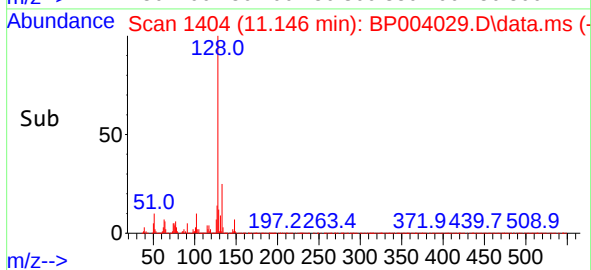
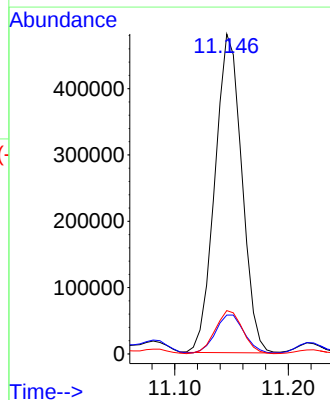
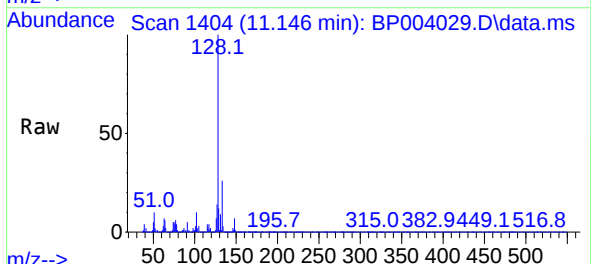
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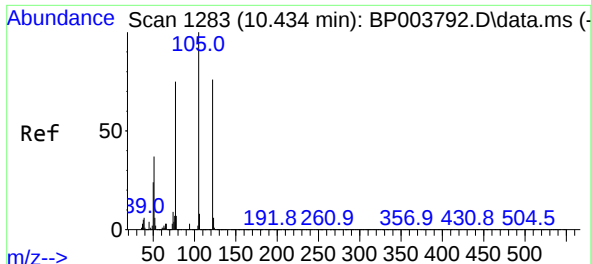
Tgt Ion: 77 Resp: 47785
Ion Ratio Lower Upper
77 100
123 0.9 48.6 72.8#
65 111.1 10.0 15.0#



#31
Naphthalene
Concen: 29.99 ng
RT: 11.146 min Scan# 1404
Delta R.T. -0.029 min
Lab File: BP004029.D
Acq: 20 Nov 2020 18:00

Tgt Ion: 128 Resp: 791607
Ion Ratio Lower Upper
128 100
129 12.2 8.8 13.2
127 13.6 10.6 15.8

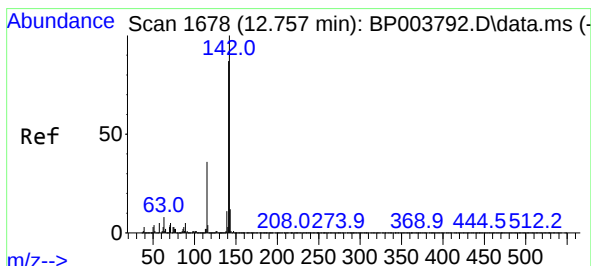
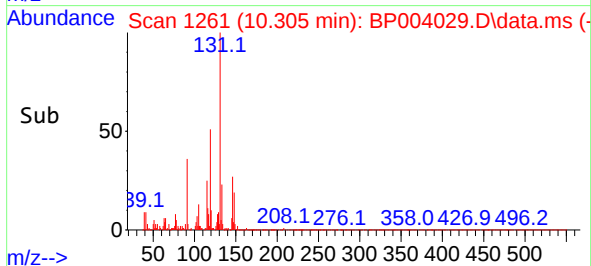
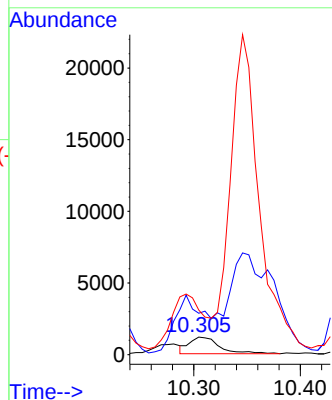
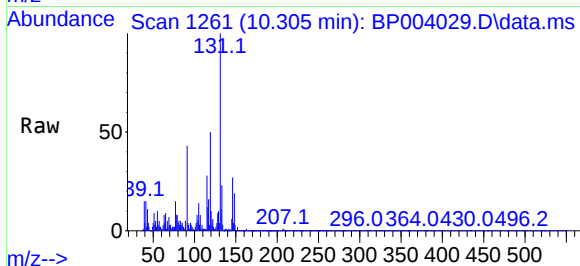




#32
Benzoic acid
Concen: 8.72 ng
RT: 10.305 min Scan# 1261
Delta R.T. -0.129 min
Lab File: BP004029.D
Acq: 20 Nov 2020 18:00

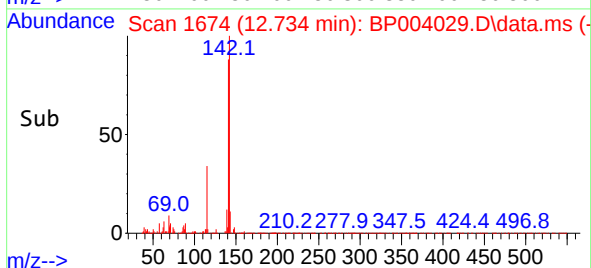
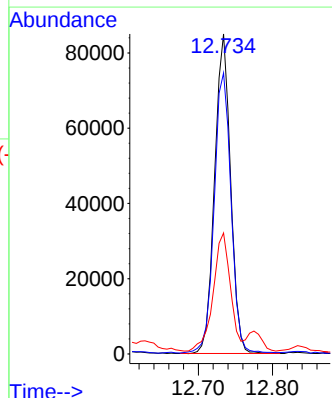
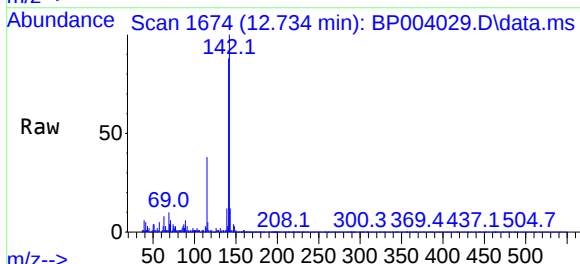
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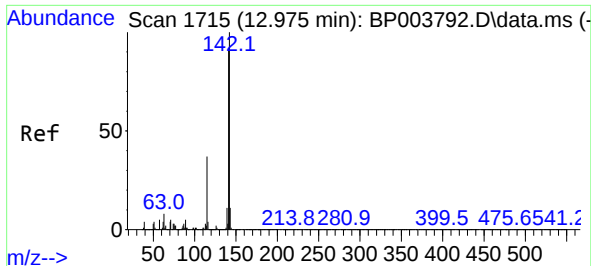
Tgt Ion:122 Resp: 2290
Ion Ratio Lower Upper
122 100
105 235.9 94.1 134.1#
77 253.4 50.1 90.1#



#37
2-Methylnaphthalene
Concen: 6.71 ng
RT: 12.734 min Scan# 1674
Delta R.T. -0.024 min
Lab File: BP004029.D
Acq: 20 Nov 2020 18:00

Tgt Ion:142 Resp: 126814
Ion Ratio Lower Upper
142 100
141 87.8 71.4 107.2
115 37.8 25.8 38.6

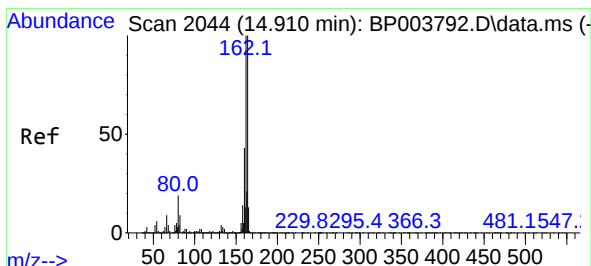
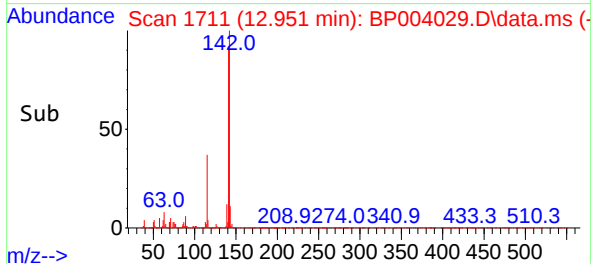
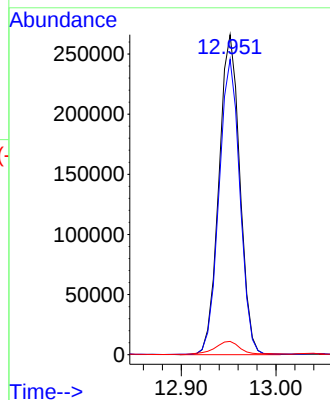
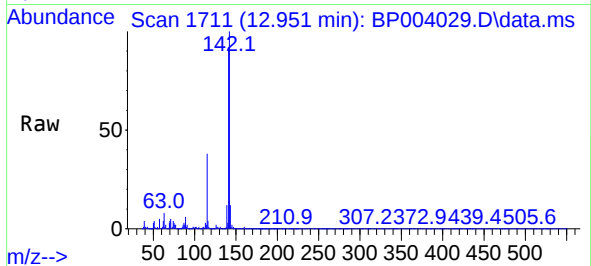




#38
1-Methylnaphthalene
Concen: 22.63 ng
RT: 12.951 min Scan# 1711
Delta R.T. -0.024 min
Lab File: BP004029.D
Acq: 20 Nov 2020 18:00

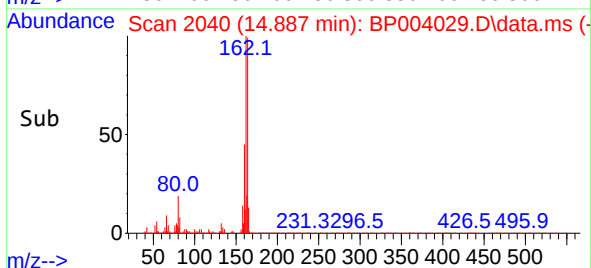
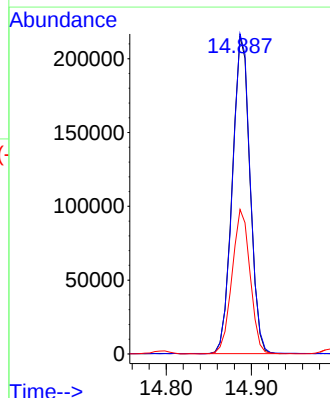
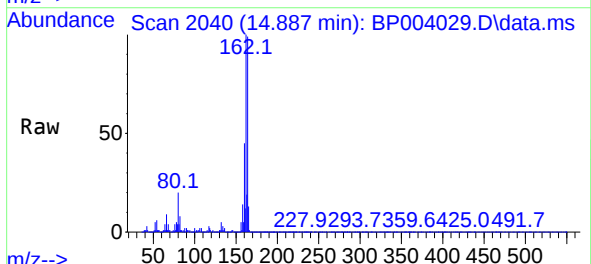
Instrument :
BNA_P
ClientSampleId :
MW-2

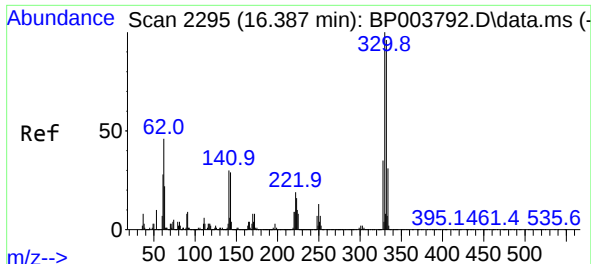
Tgt Ion:142 Resp: 407700
Ion Ratio Lower Upper
142 100
141 92.3 74.4 111.6
116 4.1 2.9 4.3



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.887 min Scan# 2040
Delta R.T. -0.024 min
Lab File: BP004029.D
Acq: 20 Nov 2020 18:00

Tgt Ion:164 Resp: 310342
Ion Ratio Lower Upper
164 100
162 100.7 79.4 119.2
160 45.5 36.1 54.1

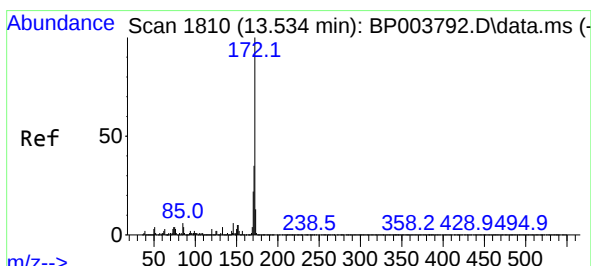
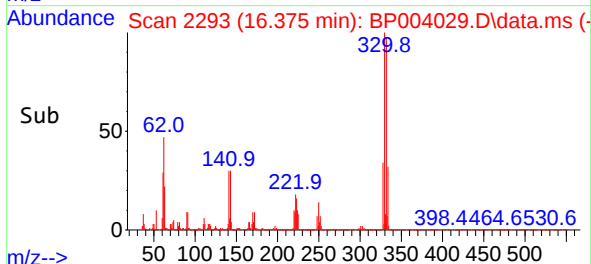
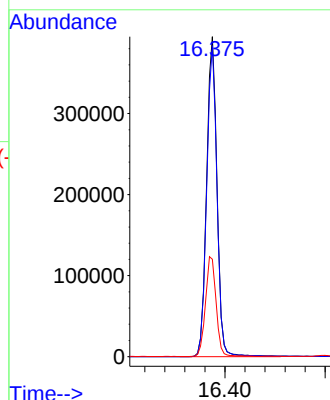
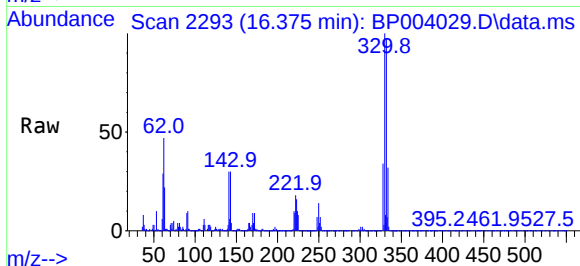




#42
2,4,6-Tribromophenol
Concen: 146.10 ng
RT: 16.375 min Scan# 2293
Delta R.T. -0.012 min
Lab File: BP004029.D
Acq: 20 Nov 2020 18:00

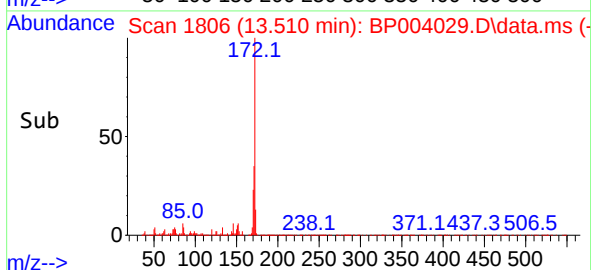
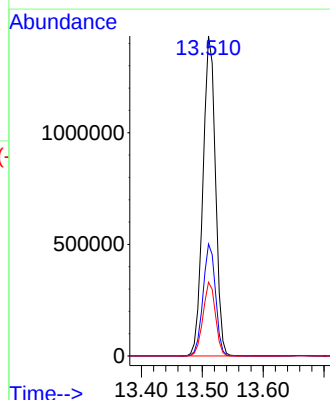
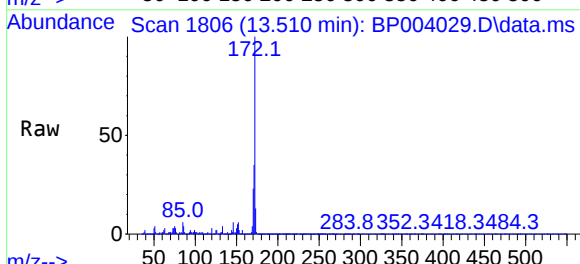
Instrument :
BNA_P
ClientSampleId :
MW-2

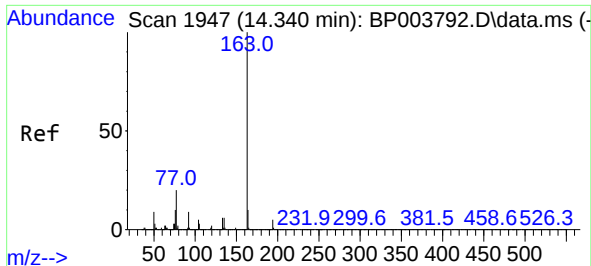
Tgt Ion: 330 Resp: 567111
Ion Ratio Lower Upper
330 100
332 96.7 77.1 115.7
141 32.1 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 92.50 ng
RT: 13.510 min Scan# 1806
Delta R.T. -0.024 min
Lab File: BP004029.D
Acq: 20 Nov 2020 18:00

Tgt Ion: 172 Resp: 2053383
Ion Ratio Lower Upper
172 100
171 35.0 28.5 42.7
170 23.1 19.2 28.8

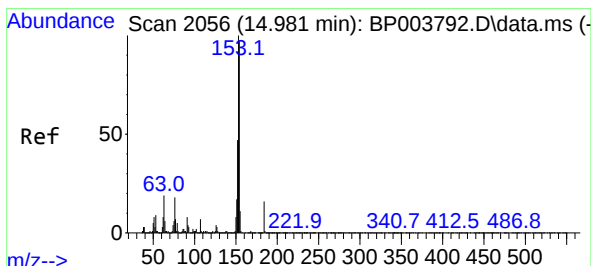
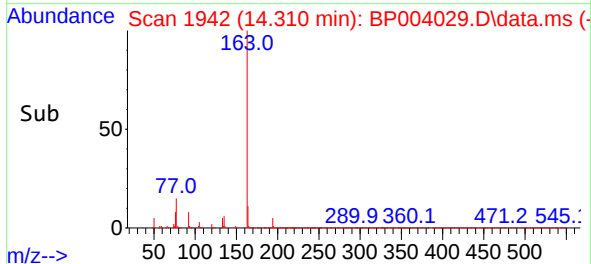
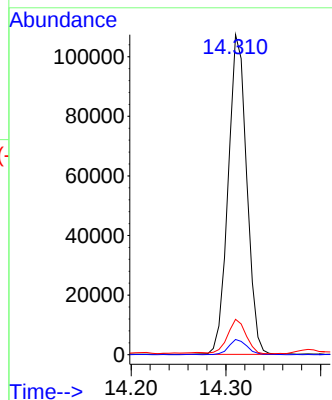
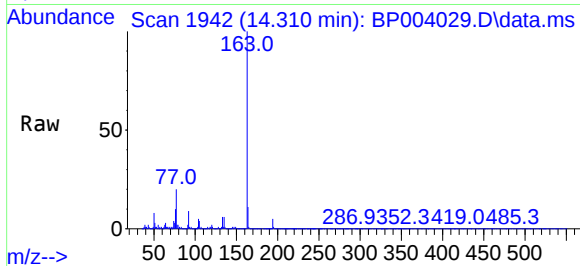




#50
Dimethylphthalate
Concen: 6.03 ng
RT: 14.310 min Scan# 1942
Delta R.T. -0.029 min
Lab File: BP004029.D
Acq: 20 Nov 2020 18:00

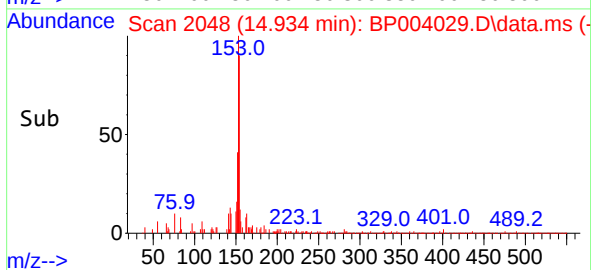
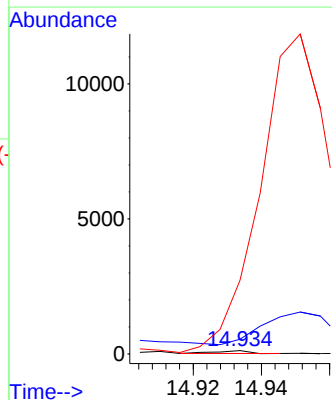
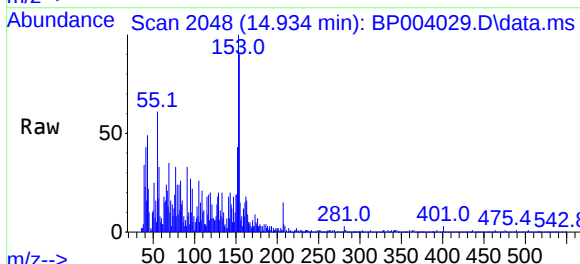
Instrument :
BNA_P
ClientSampled :
MW-2

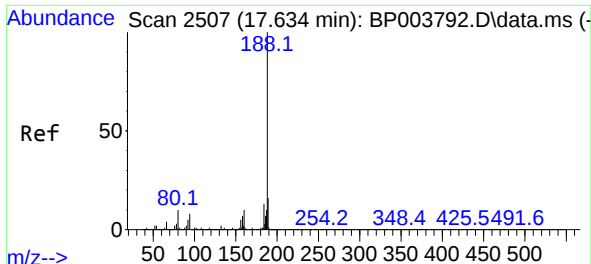
Tgt Ion:163 Resp: 146181
Ion Ratio Lower Upper
163 100
194 4.8 3.3 4.9
164 11.1 8.2 12.2



#54
2,4-Dinitrophenol
Concen: 2.77 ng
RT: 14.934 min Scan# 2048
Delta R.T. -0.047 min
Lab File: BP004029.D
Acq: 20 Nov 2020 18:00

Tgt Ion:184 Resp: 70
Ion Ratio Lower Upper
184 100
63 444.7 32.3 48.5#
154 2218.7 49.1 73.7#

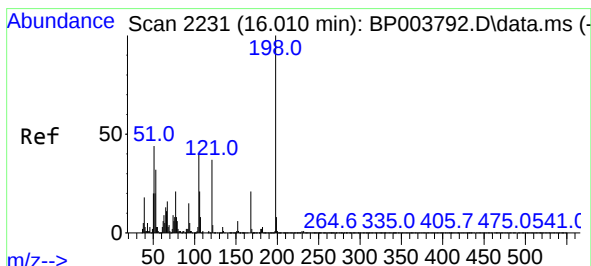
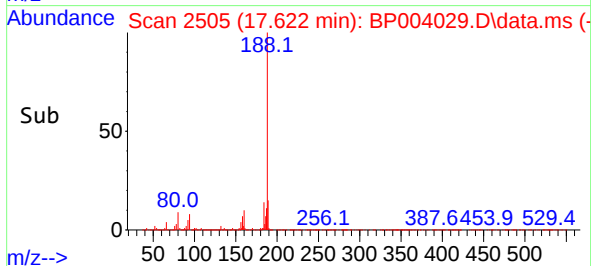
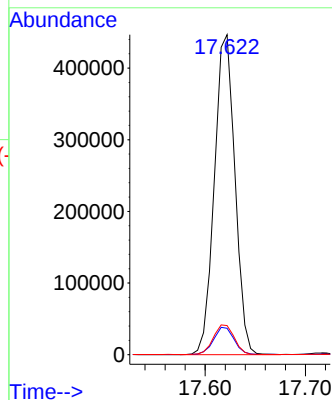
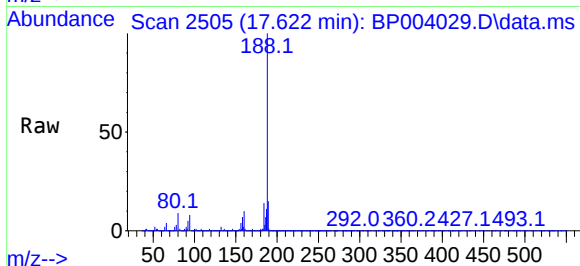




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.622 min Scan# 2505
Delta R.T. -0.012 min
Lab File: BP004029.D
Acq: 20 Nov 2020 18:00

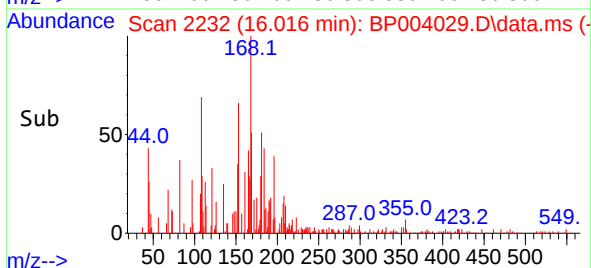
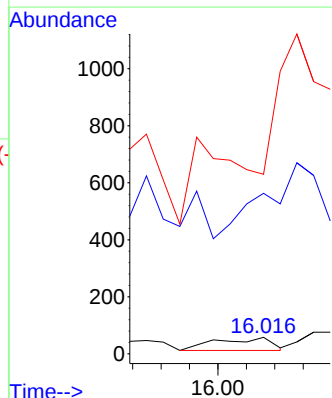
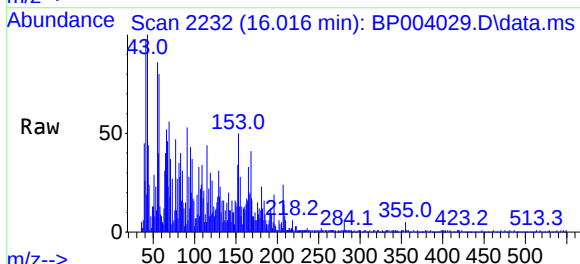
Instrument :
BNA_P
ClientSampleId :
MW-2

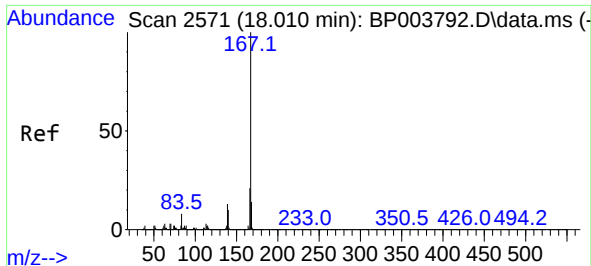
Tgt Ion:	188	Resp:	636399
Ion Ratio	Lower	Upper	
188	100		
94	8.2	6.2	9.2
80	9.1	6.2	9.2



#65
4,6-Dinitro-2-methylphenol
Concen: 6.36 ng
RT: 16.016 min Scan# 2232
Delta R.T. 0.006 min
Lab File: BP004029.D
Acq: 20 Nov 2020 18:00

Tgt Ion:	198	Resp:	61
Ion Ratio	Lower	Upper	
198	100		
51	970.7	6.4	46.4#
105	1086.2	18.9	58.9#

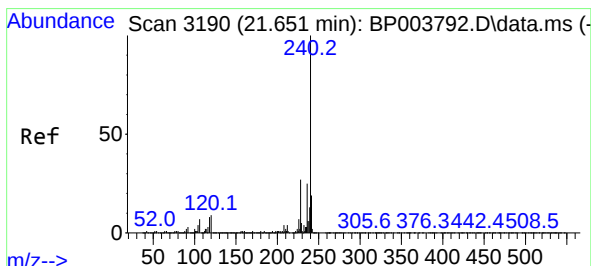
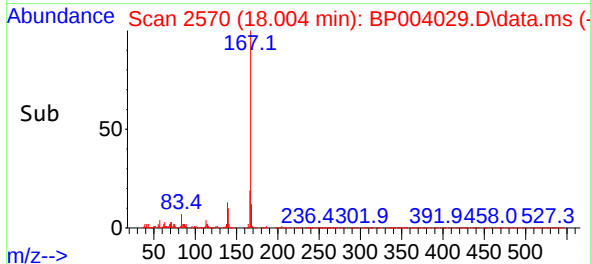
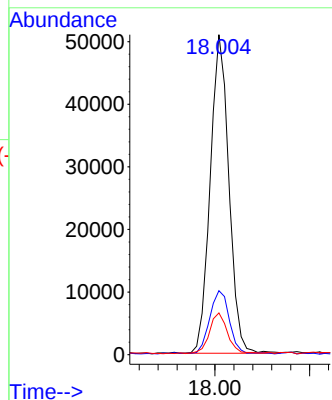
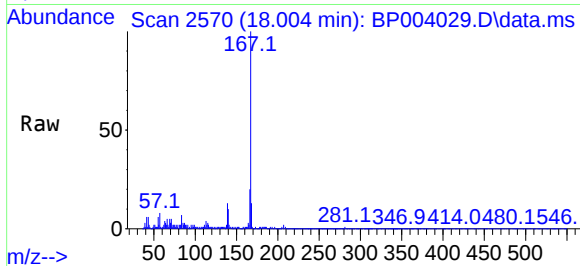




#73
Carbazole
Concen: 2.17 ng
RT: 18.004 min Scan# 2570
Delta R.T. -0.006 min
Lab File: BP004029.D
Acq: 20 Nov 2020 18:00

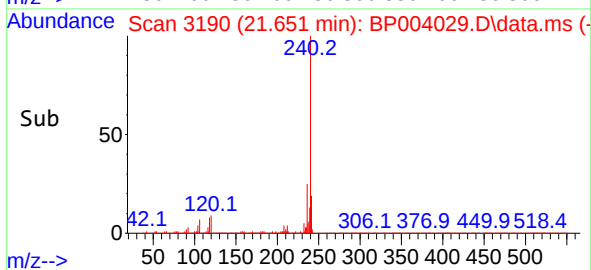
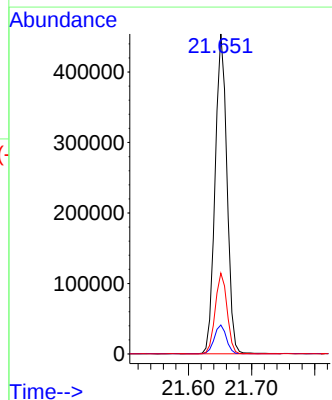
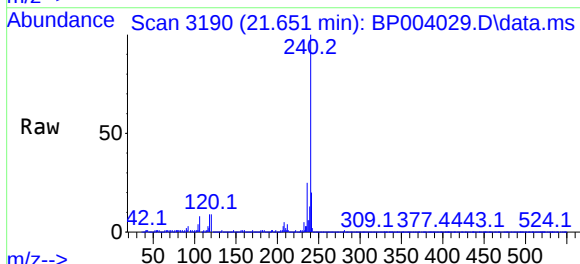
Instrument :
BNA_P
ClientSampleId :
MW-2

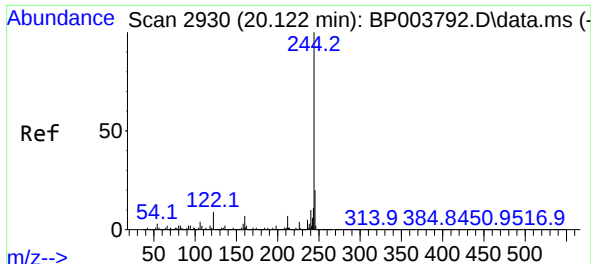
Tgt Ion:	167	Resp:	69583
Ion	Ratio	Lower	Upper
167	100		
166	20.0	17.6	26.4
139	13.1	10.2	15.4



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.651 min Scan# 3190
Delta R.T. -0.000 min
Lab File: BP004029.D
Acq: 20 Nov 2020 18:00

Tgt Ion:	240	Resp:	589921
Ion	Ratio	Lower	Upper
240	100		
120	9.1	7.8	11.6
236	25.3	20.8	31.2

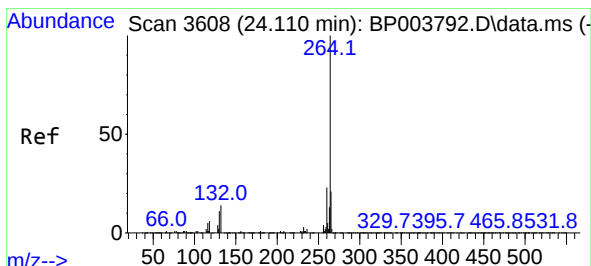
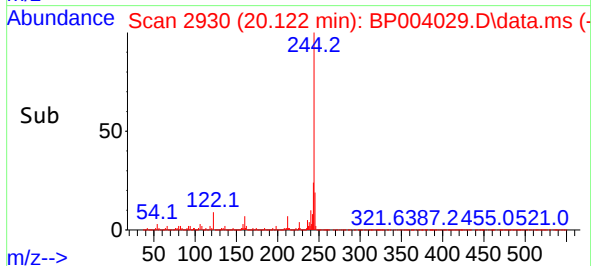
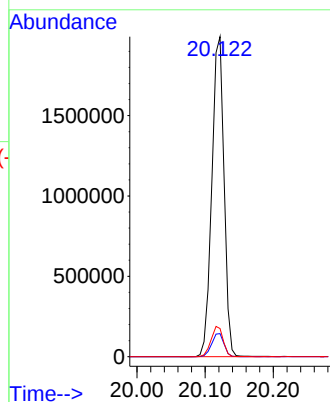
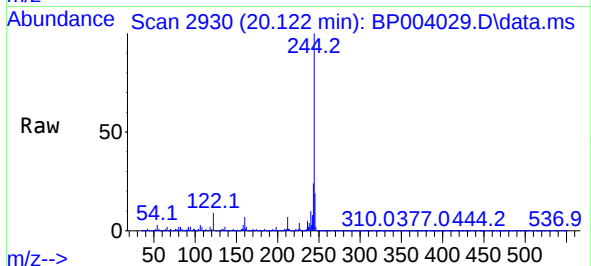




#79
Terphenyl-d14
Concen: 81.17 ng
RT: 20.122 min Scan# 2930
Delta R.T. -0.000 min
Lab File: BP004029.D
Acq: 20 Nov 2020 18:00

Instrument :
BNA_P
ClientSampled :
MW-2

Tgt Ion:244 Resp: 2478495
Ion Ratio Lower Upper
244 100
212 7.2 5.8 8.6
122 8.8 7.8 11.8



#86
Perylene-d12
Concen: 20.00 ng
RT: 24.121 min Scan# 3610
Delta R.T. 0.012 min
Lab File: BP004029.D
Acq: 20 Nov 2020 18:00

Tgt Ion:264 Resp: 593564
Ion Ratio Lower Upper
264 100
260 23.5 18.8 28.2
265 22.0 17.4 26.2

