

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112420\
 Data File : BP004083.D
 Acq On : 24 Nov 2020 19:17
 Operator : CG/JU
 Sample : L4829-07DL 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MW-12DL

Quant Time: Nov 24 23:58:57 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)

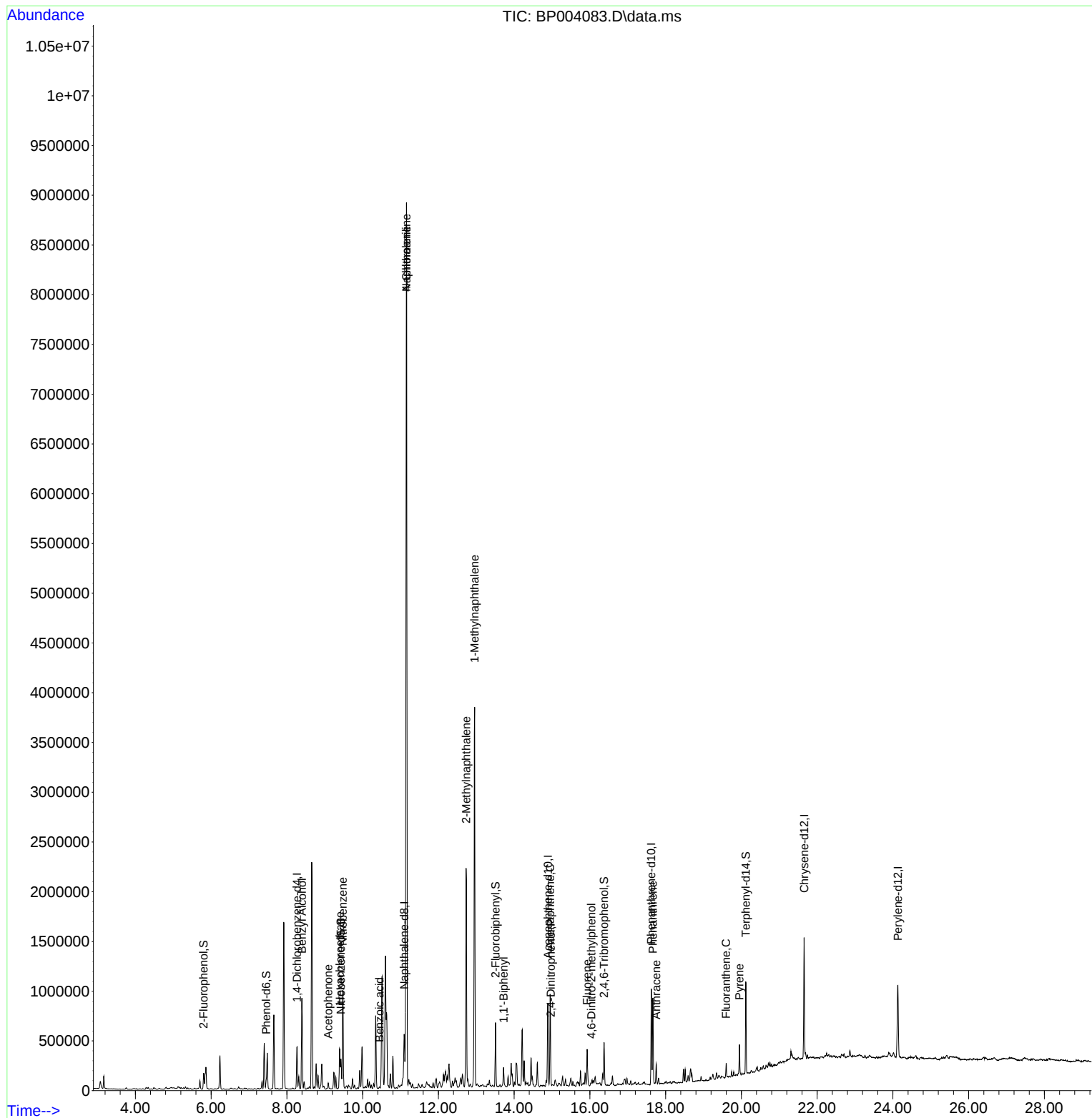
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.269	152	114684	20.00	ng	0.00
21) Naphthalene-d8	11.098	136	444190	20.00	ng	# 0.00
39) Acenaphthene-d10	14.892	164	279336	20.00	ng	0.00
64) Phenanthrene-d10	17.621	188	581697	20.00	ng	# 0.00
76) Chrysene-d12	21.656	240	571188	20.00	ng	0.00
86) Perylene-d12	24.133	264	595780	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.804	112	66204	9.63	ng	0.00
7) Phenol-d6	7.457	99	50958	5.17	ng	0.00
23) Nitrobenzene-d5	9.428	82	143332	15.80	ng	0.00
42) 2,4,6-Tribromophenol	16.374	330	83381	23.87	ng	0.00
45) 2-Fluorobiphenyl	13.510	172	325434	16.29	ng	0.00
79) Terphenyl-d14	20.115	244	393670	13.32	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.345	77	5756	Below Cal	#	1
15) Benzyl Alcohol	8.398	79	46600	6.82	ng	# 6
18) Hexachloroethane	9.398	117	42169	13.16	ng	# 1
22) Acetophenone	9.092	105	39364	3.30	ng	# 65
24) Nitrobenzene	9.475	77	30220	3.35	ng	# 1
31) Naphthalene	11.157	128	7523947	315.65	ng	98
32) Benzoic acid	10.445	122	104	8.33	ng	# 1
33) 4-Chloroaniline	11.157	127	1020281	100.72	ng	# 35
37) 2-Methylnaphthalene	12.733	142	1009426	59.18	ng	98
38) 1-Methylnaphthalene	12.957	142	1715231	105.42	ng	98
46) 1,1'-Biphenyl	13.722	154	97506	4.50	ng	95
52) Acenaphthene	14.951	154	330244	18.98	ng	98
54) 2,4-Dinitrophenol	14.969	184	133	2.81	ng	# 1
58) Fluorene	15.927	166	171687	8.29	ng	99
65) 4,6-Dinitro-2-methylph...	16.039	198	65	6.36	ng	# 1
71) Phenanthrene	17.662	178	512650	15.70	ng	99
72) Anthracene	17.751	178	130612	4.14	ng	99
75) Fluoranthene	19.598	202	82647	2.19	ng	98
78) Pyrene	19.951	202	182278	4.70	ng	97

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

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QLast Update : Mon Nov 23 16:42:41 2020
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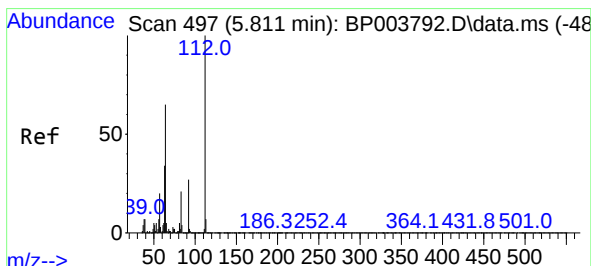
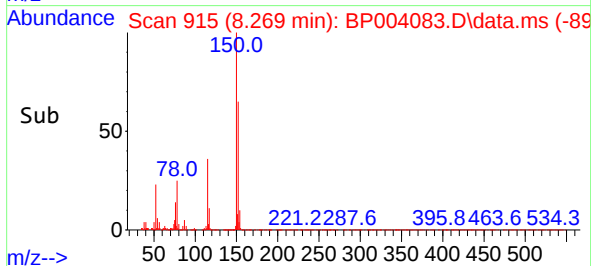
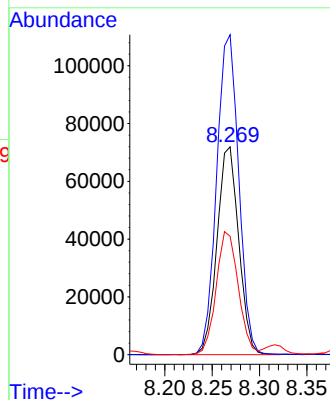
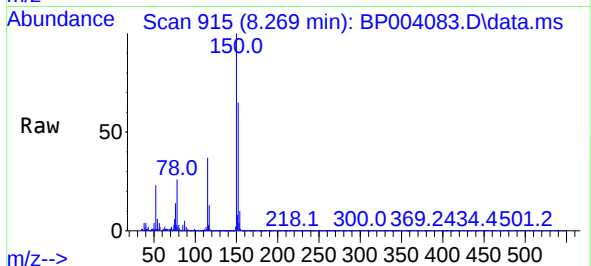




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.269 min Scan# 915
Delta R.T. -0.000 min
Lab File: BP004083.D
Acq: 24 Nov 2020 19:17

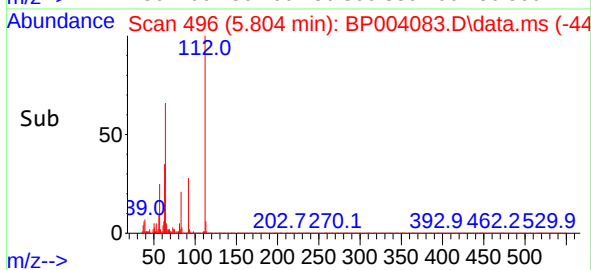
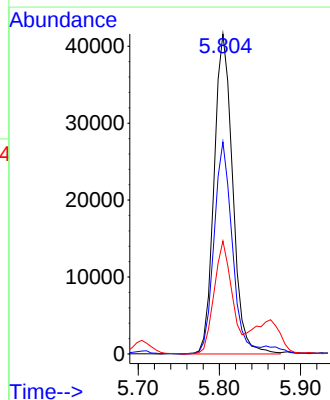
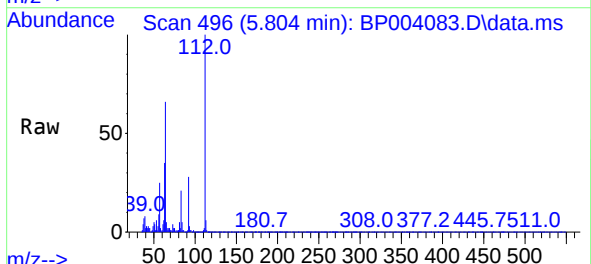
Instrument :
BNA_P
ClientSampleId :
MW-12DL

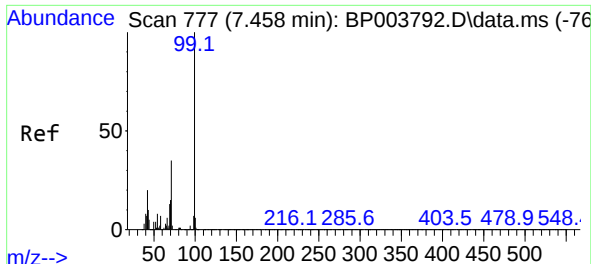
Tgt Ion:152 Resp: 114684
Ion Ratio Lower Upper
152 100
150 154.0 123.8 185.6
115 57.0 43.8 65.6



#5
2-Fluorophenol
Concen: 9.63 ng
RT: 5.804 min Scan# 496
Delta R.T. -0.000 min
Lab File: BP004083.D
Acq: 24 Nov 2020 19:17

Tgt Ion:112 Resp: 66204
Ion Ratio Lower Upper
112 100
64 66.3 32.8 49.2#
63 35.3 17.0 25.4#

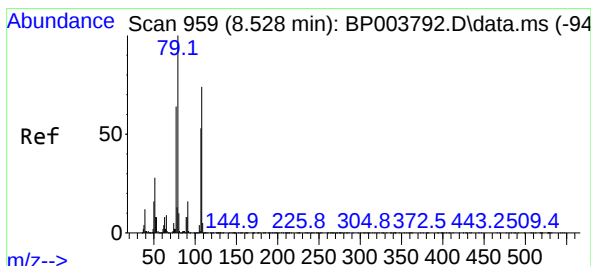
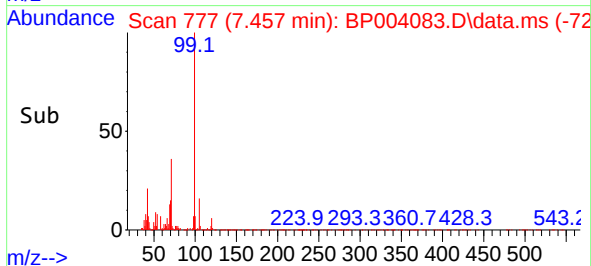
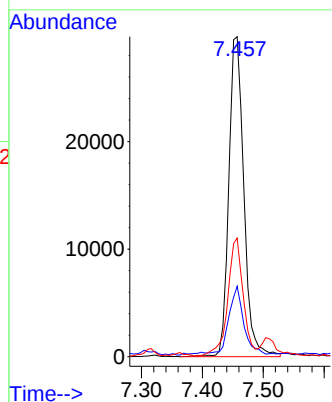
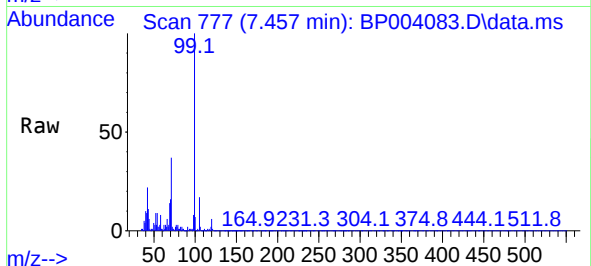




#7
Phenol-d6
Concen: 5.17 ng
RT: 7.457 min Scan# 777
Delta R.T. 0.006 min
Lab File: BP004083.D
Acq: 24 Nov 2020 19:17

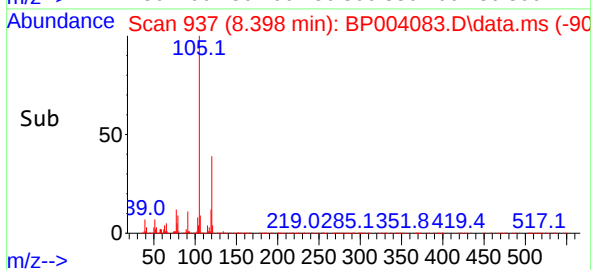
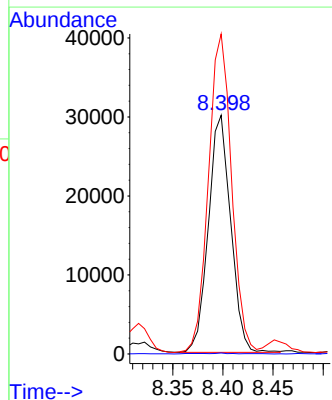
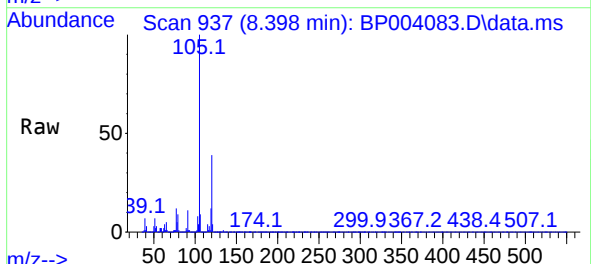
Instrument :
BNA_P
ClientSampleID :
MW-12DL

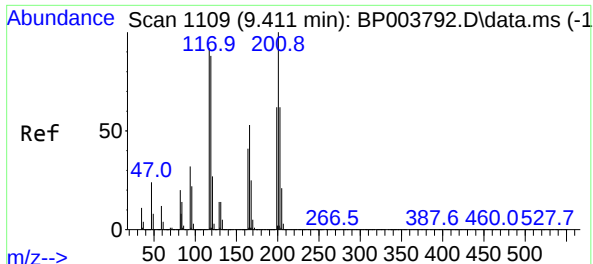
Tgt Ion: 99 Resp: 50958
Ion Ratio Lower Upper
99 100
42 22.0 8.6 13.0#
71 37.1 23.4 35.2#



#15
Benzyl Alcohol
Concen: 6.82 ng
RT: 8.398 min Scan# 937
Delta R.T. -0.106 min
Lab File: BP004083.D
Acq: 24 Nov 2020 19:17

Tgt Ion: 79 Resp: 46600
Ion Ratio Lower Upper
79 100
108 0.4 73.5 110.3#
77 134.0 50.3 75.5#

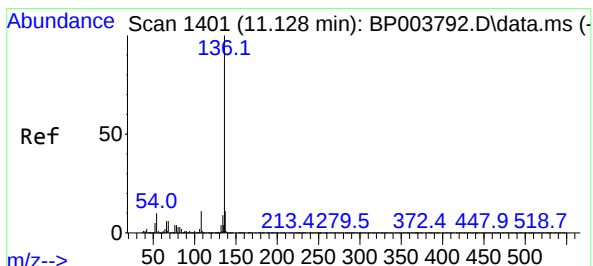
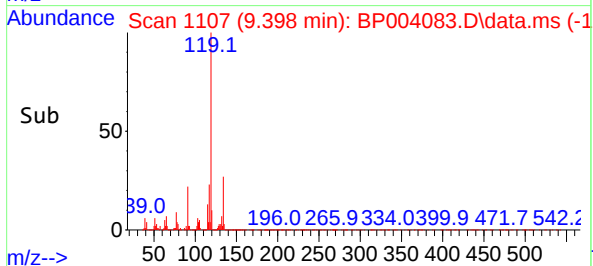
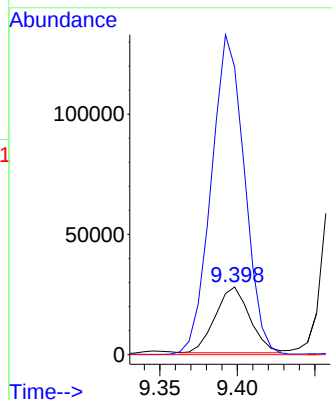
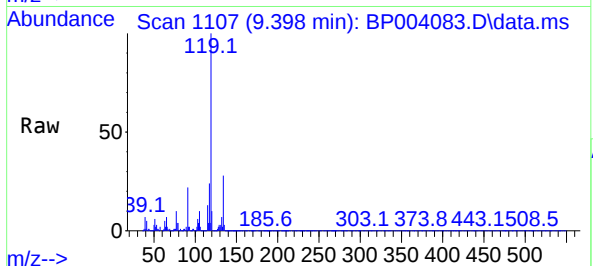




#18
Hexachloroethane
Concen: 13.16 ng
RT: 9.398 min Scan# 1107
Delta R.T. 0.023 min
Lab File: BP004083.D
Acq: 24 Nov 2020 19:17

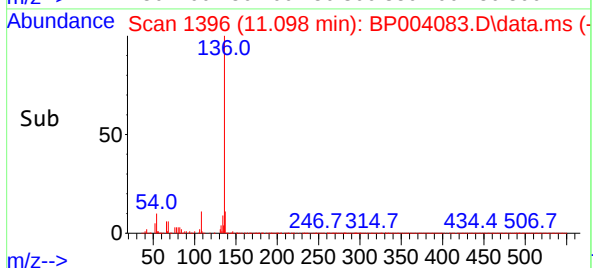
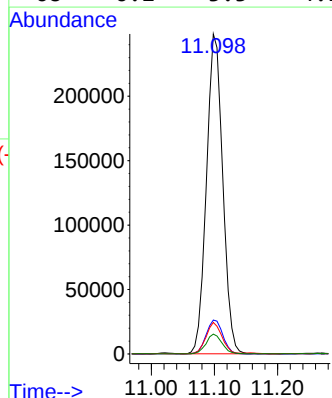
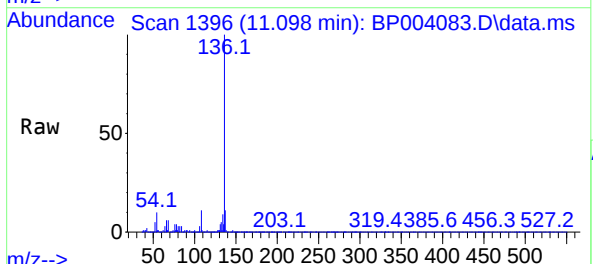
Instrument :
BNA_P
ClientSampled :
MW-12DL

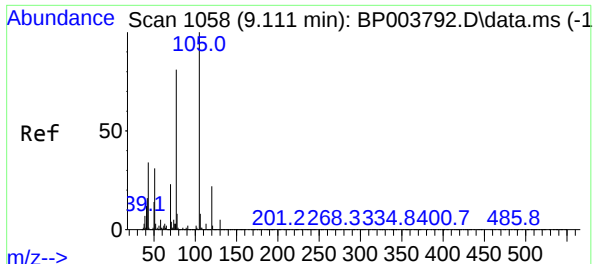
Tgt Ion:117 Resp: 42169
Ion Ratio Lower Upper
117 100
119 425.3 78.8 118.2#
201 0.1 92.3 138.5#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.098 min Scan# 1396
Delta R.T. -0.000 min
Lab File: BP004083.D
Acq: 24 Nov 2020 19:17

Tgt Ion:136 Resp: 444190
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 9.9 3.6 5.4#
68 6.2 3.3 4.9#





#22

Acetophenone

Concen: 3.30 ng

RT: 9.092 min Scan# 1055

Delta R.T. 0.006 min

Lab File: BP004083.D

Acq: 24 Nov 2020 19:17

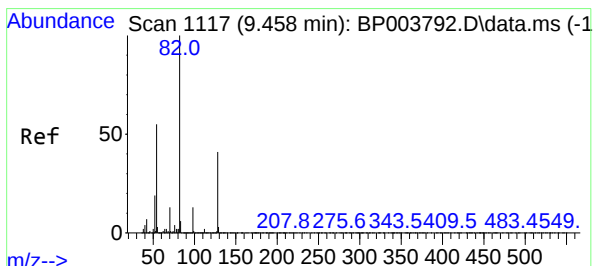
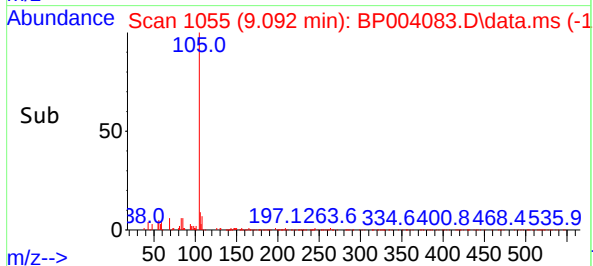
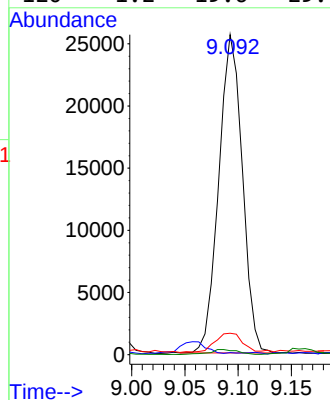
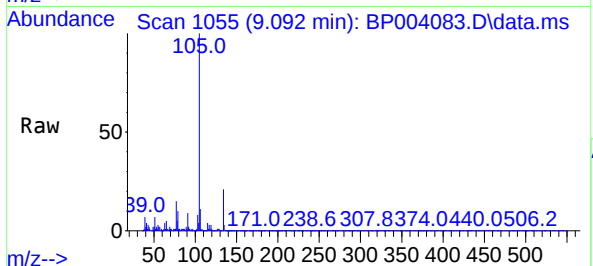
Instrument :

BNA_P

ClientSampleId :

MW-12DL

Tgt Ion:	105	Resp:	39364
Ion	Ratio	Lower	Upper
105	100		
71	0.7	2.6	3.8#
51	6.7	13.5	20.3#
120	1.2	19.6	29.4#



#23

Nitrobenzene-d5

Concen: 15.80 ng

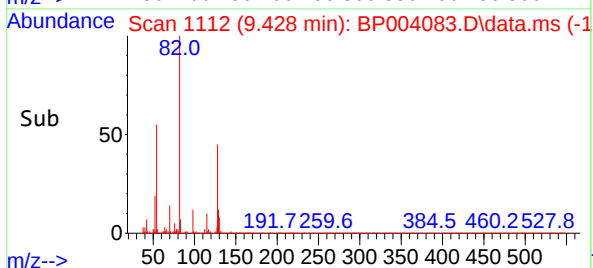
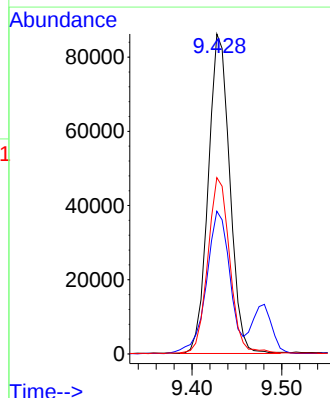
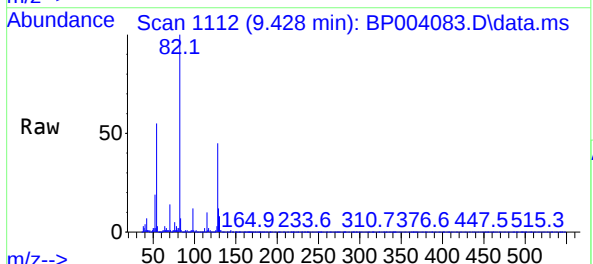
RT: 9.428 min Scan# 1112

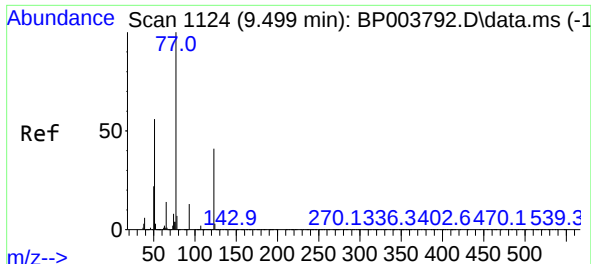
Delta R.T. -0.006 min

Lab File: BP004083.D

Acq: 24 Nov 2020 19:17

Tgt Ion:	82	Resp:	143332
Ion	Ratio	Lower	Upper
82	100		
128	44.6	45.6	68.4#
54	55.1	30.1	45.1#

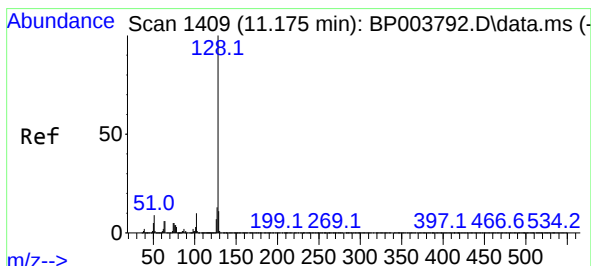
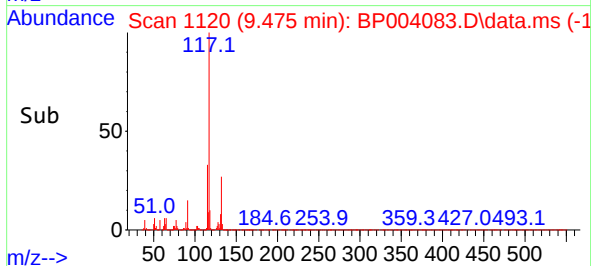
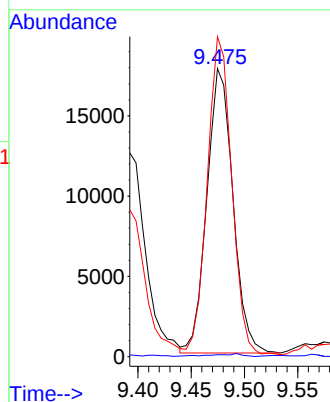
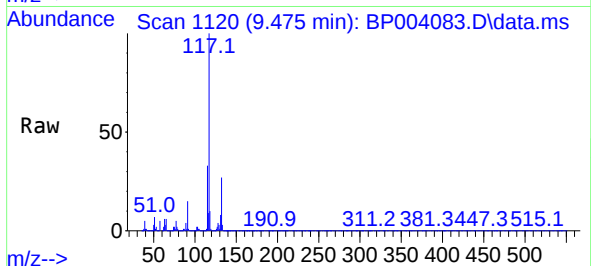




#24
Nitrobenzene
Concen: 3.35 ng
RT: 9.475 min Scan# 1120
Delta R.T. -0.000 min
Lab File: BP004083.D
Acq: 24 Nov 2020 19:17

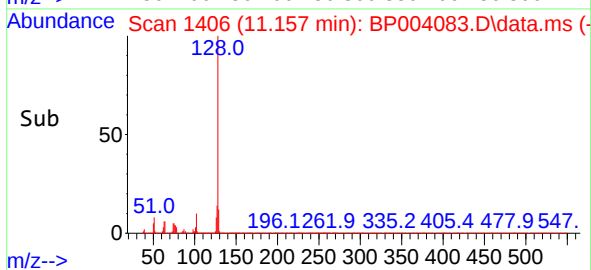
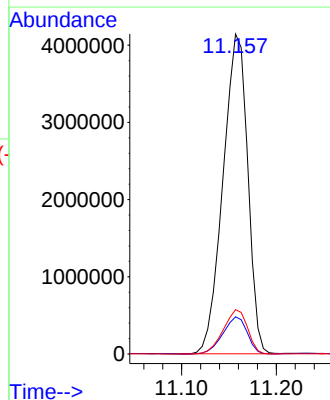
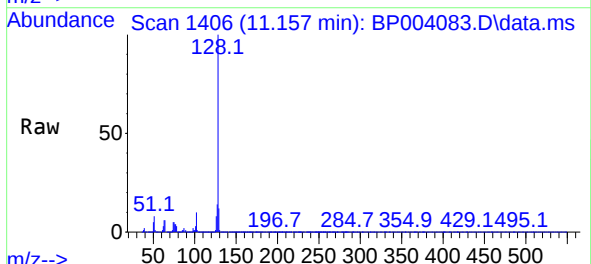
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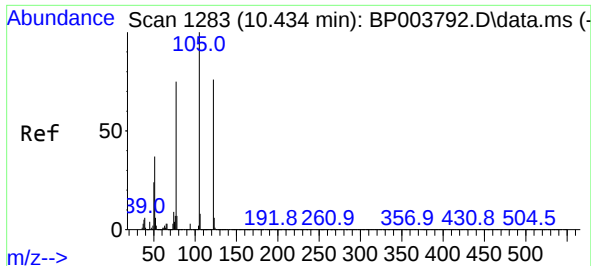
Tgt Ion: 77 Resp: 30220
Ion Ratio Lower Upper
77 100
123 0.7 48.6 72.8#
65 111.1 10.0 15.0#



#31
Naphthalene
Concen: 315.65 ng
RT: 11.157 min Scan# 1406
Delta R.T. 0.012 min
Lab File: BP004083.D
Acq: 24 Nov 2020 19:17

Tgt Ion: 128 Resp: 7523947
Ion Ratio Lower Upper
128 100
129 11.6 8.8 13.2
127 13.8 10.6 15.8

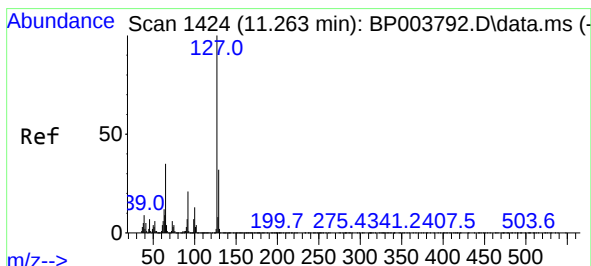
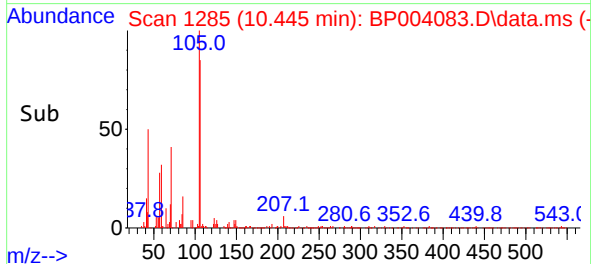
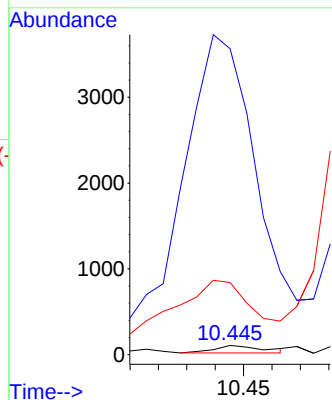
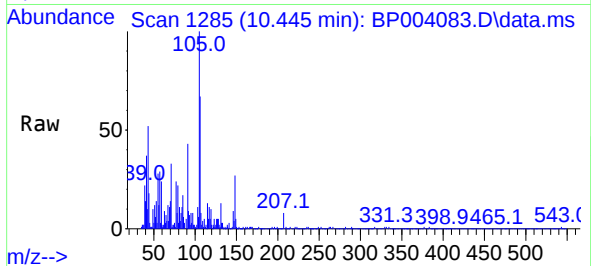




#32
Benzoic acid
Concen: 8.33 ng
RT: 10.445 min Scan# 1285
Delta R.T. -0.012 min
Lab File: BP004083.D
Acq: 24 Nov 2020 19:17

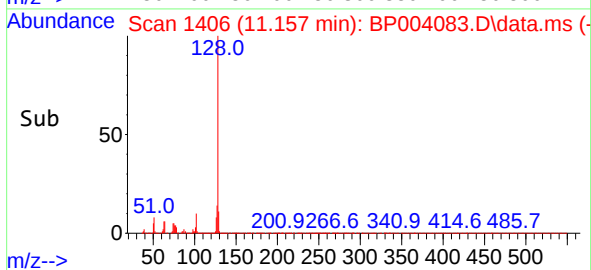
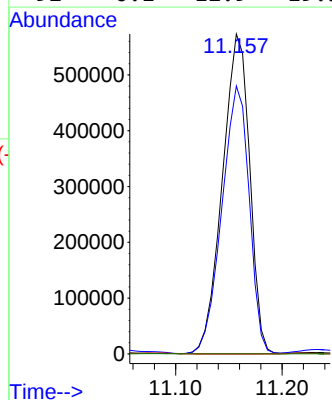
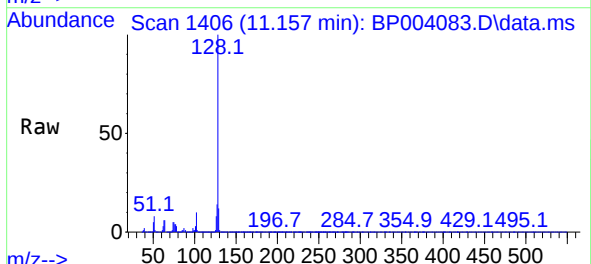
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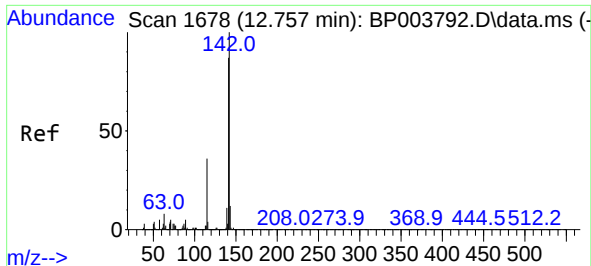
Tgt Ion:	122	Resp:	104
Ion	Ratio	Lower	Upper
122	100		
105	3271.6	94.1	134.1#
77	772.5	50.1	90.1#



#33
4-Chloroaniline
Concen: 100.72 ng
RT: 11.157 min Scan# 1406
Delta R.T. -0.083 min
Lab File: BP004083.D
Acq: 24 Nov 2020 19:17

Tgt Ion:	127	Resp:	1020281
Ion	Ratio	Lower	Upper
127	100		
129	83.7	25.7	38.5#
65	0.0	17.3	25.9#
92	0.1	12.9	19.3#

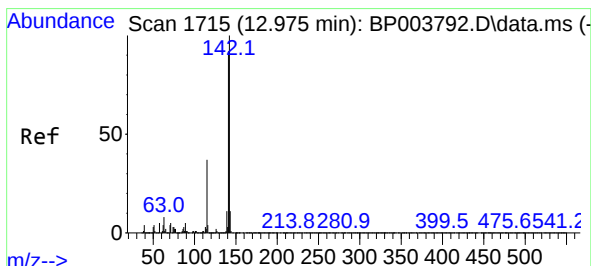
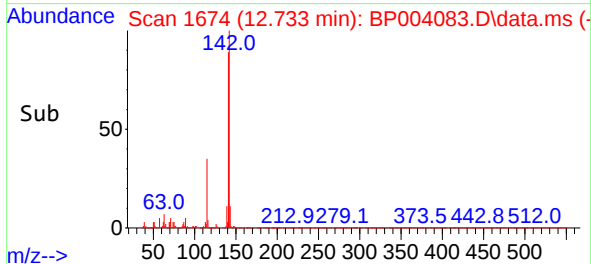
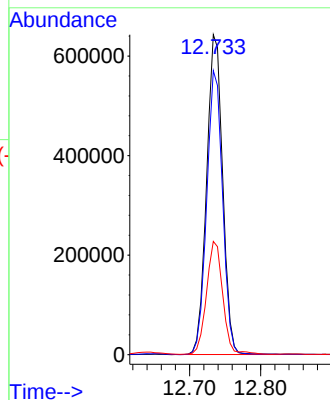
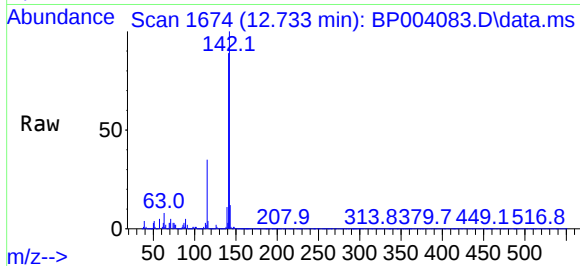




#37
2-Methylnaphthalene
Concen: 59.18 ng
RT: 12.733 min Scan# 1674
Delta R.T. -0.000 min
Lab File: BP004083.D
Acq: 24 Nov 2020 19:17

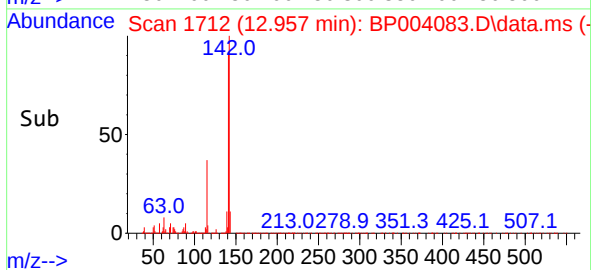
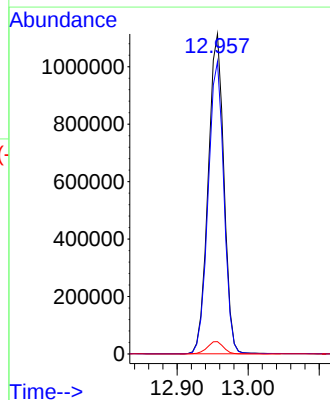
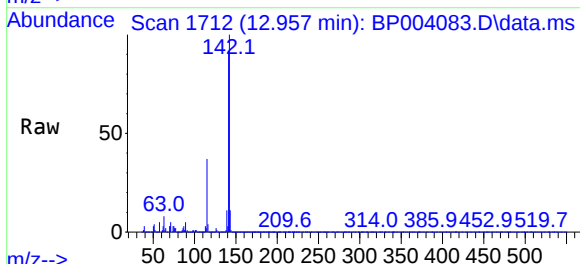
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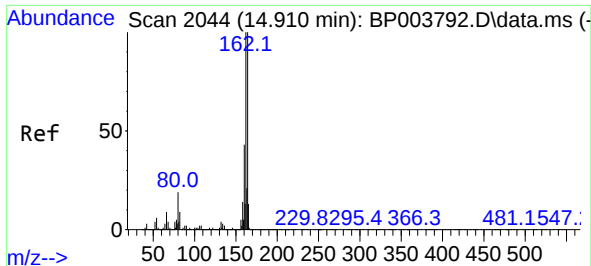
Tgt Ion:142 Resp: 1009426
Ion Ratio Lower Upper
142 100
141 88.8 71.4 107.2
115 35.4 25.8 38.6



#38
1-Methylnaphthalene
Concen: 105.42 ng
RT: 12.957 min Scan# 1712
Delta R.T. 0.006 min
Lab File: BP004083.D
Acq: 24 Nov 2020 19:17

Tgt Ion:142 Resp: 1715231
Ion Ratio Lower Upper
142 100
141 91.4 74.4 111.6
116 3.8 2.9 4.3

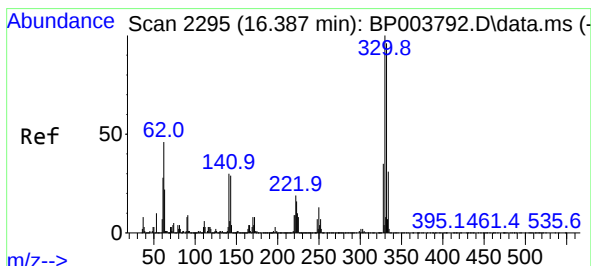
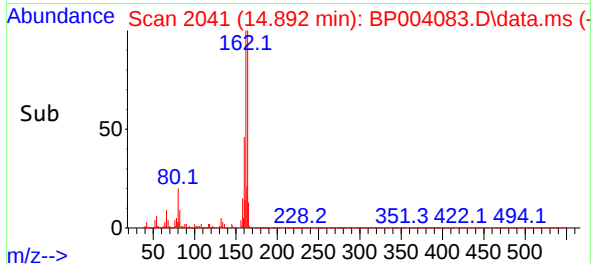
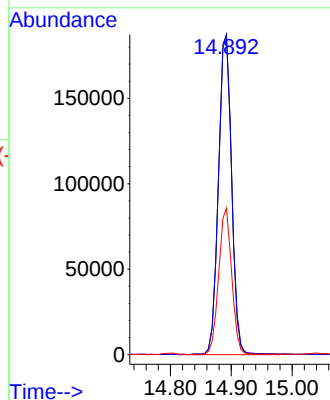
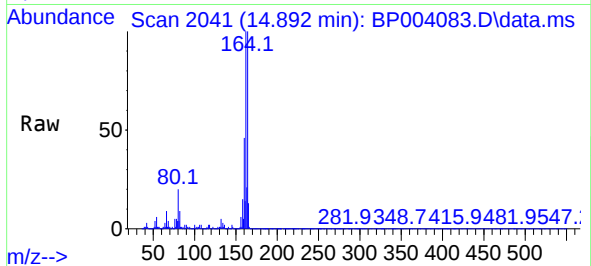




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.892 min Scan# 2041
Delta R.T. -0.000 min
Lab File: BP004083.D
Acq: 24 Nov 2020 19:17

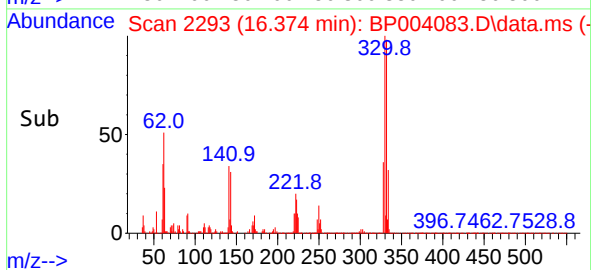
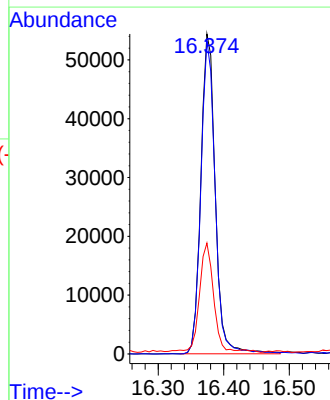
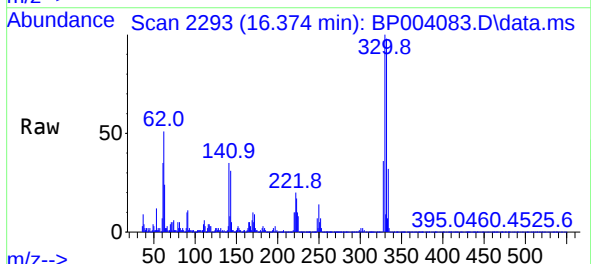
Instrument :
BNA_P
ClientSampleId :
MW-12DL

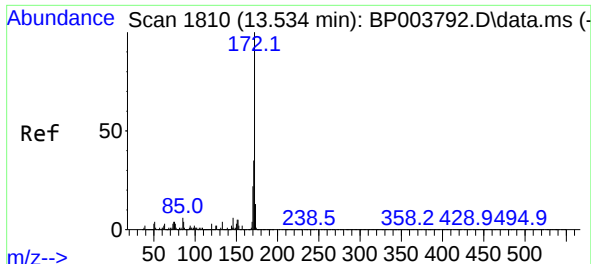
Tgt Ion:164 Resp: 279336
Ion Ratio Lower Upper
164 100
162 100.1 79.4 119.2
160 45.8 36.1 54.1



#42
2,4,6-Tribromophenol
Concen: 23.87 ng
RT: 16.374 min Scan# 2293
Delta R.T. -0.000 min
Lab File: BP004083.D
Acq: 24 Nov 2020 19:17

Tgt Ion:330 Resp: 83381
Ion Ratio Lower Upper
330 100
332 97.3 77.1 115.7
141 32.4 23.4 35.2

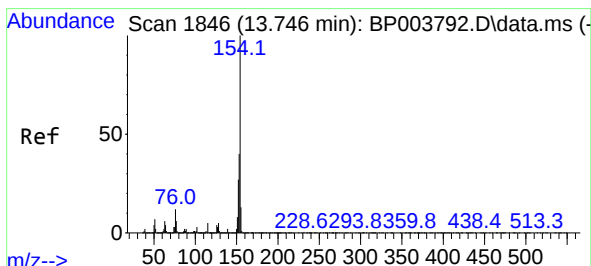
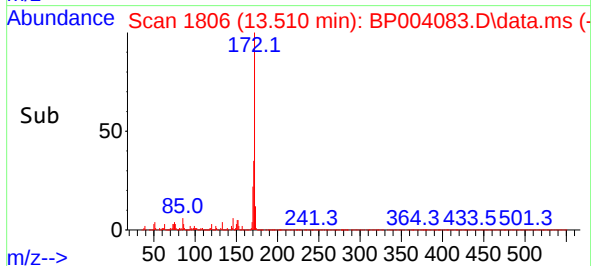
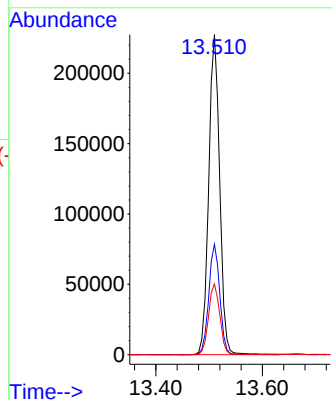
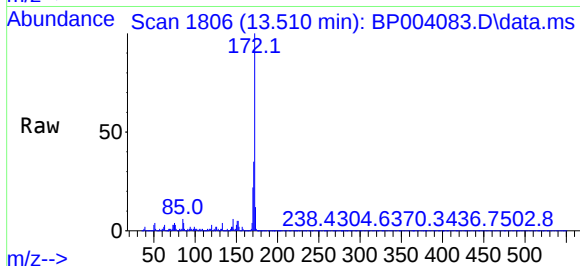




#45
2-Fluorobiphenyl
Concen: 16.29 ng
RT: 13.510 min Scan# 1806
Delta R.T. -0.000 min
Lab File: BP004083.D
Acq: 24 Nov 2020 19:17

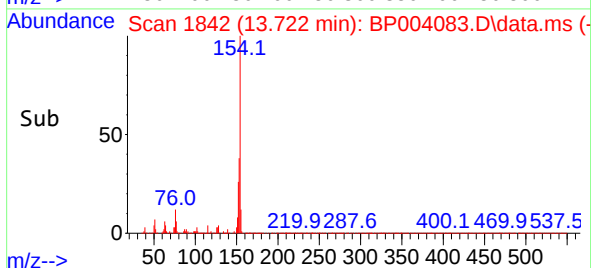
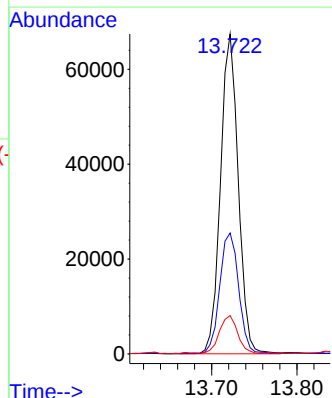
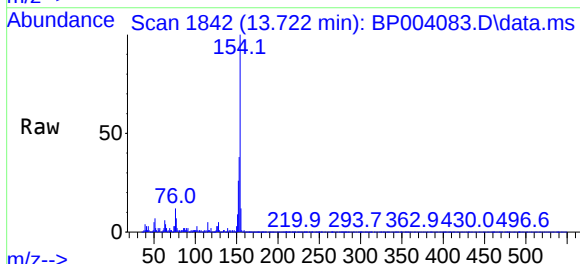
Instrument :
BNA_P
ClientSampleId :
MW-12DL

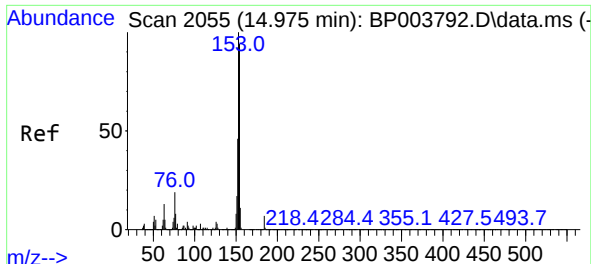
Tgt Ion:172 Resp: 325434
Ion Ratio Lower Upper
172 100
171 34.5 28.5 42.7
170 22.1 19.2 28.8



#46
1,1'-Biphenyl
Concen: 4.50 ng
RT: 13.722 min Scan# 1842
Delta R.T. -0.000 min
Lab File: BP004083.D
Acq: 24 Nov 2020 19:17

Tgt Ion:154 Resp: 97506
Ion Ratio Lower Upper
154 100
153 37.8 20.4 60.4
76 12.0 0.0 29.3

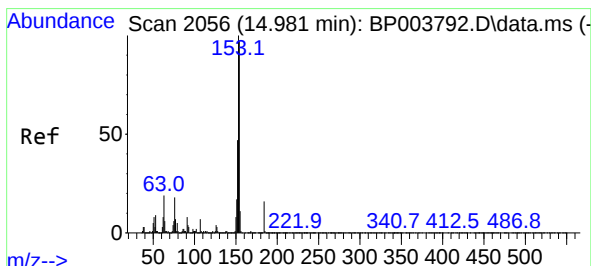
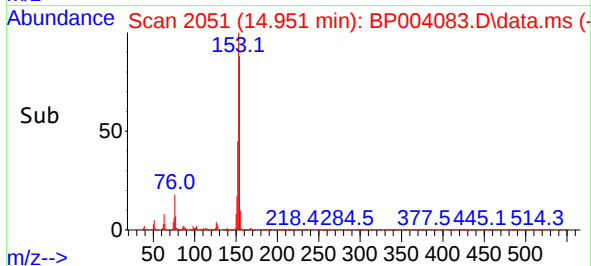
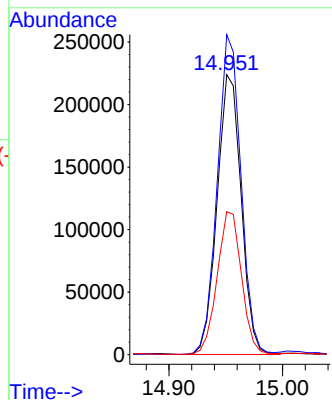
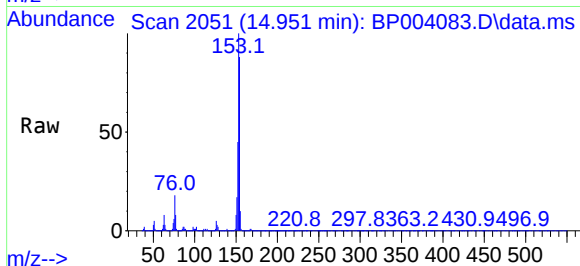




#52
Acenaphthene
Concen: 18.98 ng
RT: 14.951 min Scan# 2051
Delta R.T. -0.006 min
Lab File: BP004083.D
Acq: 24 Nov 2020 19:17

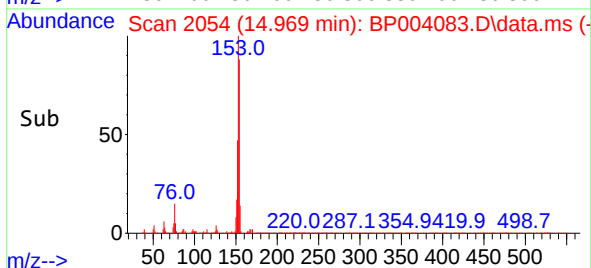
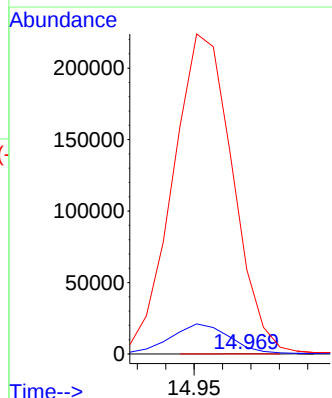
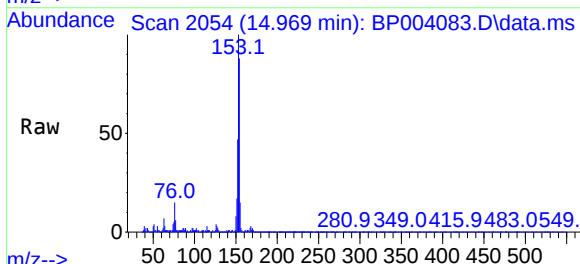
Instrument :
BNA_P
ClientSampled :
MW-12DL

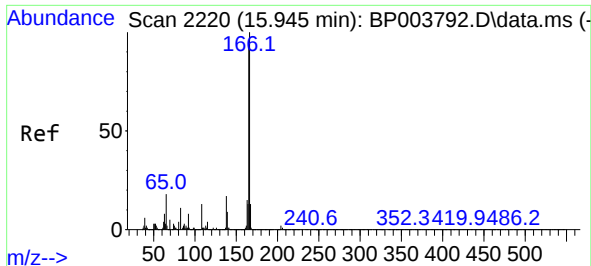
Tgt Ion:154 Resp: 330244
Ion Ratio Lower Upper
154 100
153 114.3 91.0 136.6
152 51.1 43.0 64.6



#54
2,4-Dinitrophenol
Concen: 2.81 ng
RT: 14.969 min Scan# 2054
Delta R.T. -0.024 min
Lab File: BP004083.D
Acq: 24 Nov 2020 19:17

Tgt Ion:184 Resp: 133
Ion Ratio Lower Upper
184 100
63 3138.4 32.3 48.5#
154 40509.6 49.1 73.7#

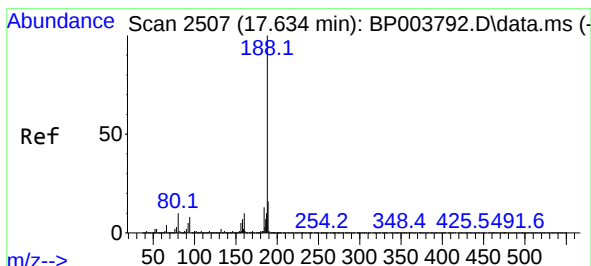
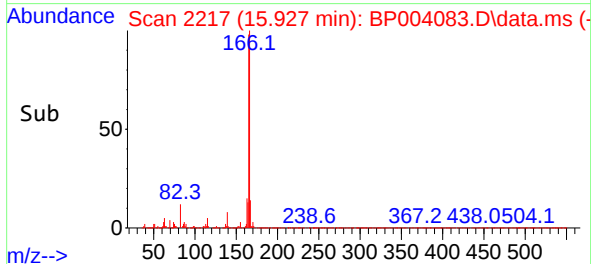
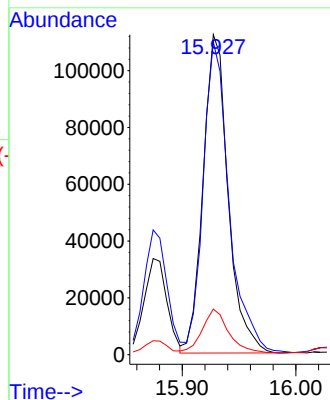
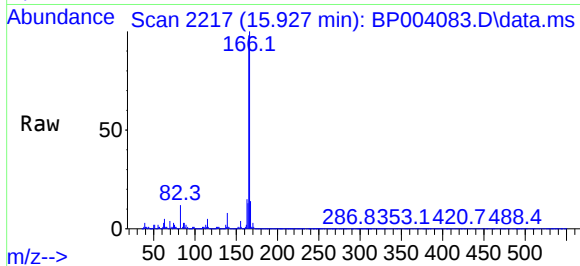




#58
Fluorene
Concen: 8.29 ng
RT: 15.927 min Scan# 2217
Delta R.T. -0.000 min
Lab File: BP004083.D
Acq: 24 Nov 2020 19:17

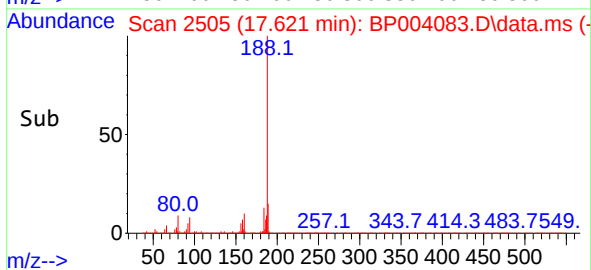
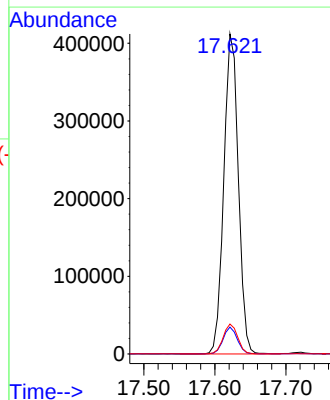
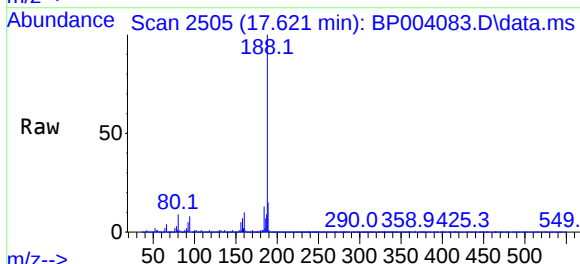
Instrument :
BNA_P
ClientSampleId :
MW-12DL

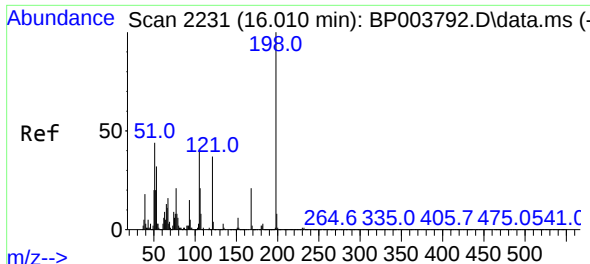
Tgt Ion:166 Resp: 171687
Ion Ratio Lower Upper
166 100
165 97.7 77.8 116.8
167 14.3 11.0 16.4



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.621 min Scan# 2505
Delta R.T. -0.000 min
Lab File: BP004083.D
Acq: 24 Nov 2020 19:17

Tgt Ion:188 Resp: 581697
Ion Ratio Lower Upper
188 100
94 8.4 6.2 9.2
80 9.4 6.2 9.2#

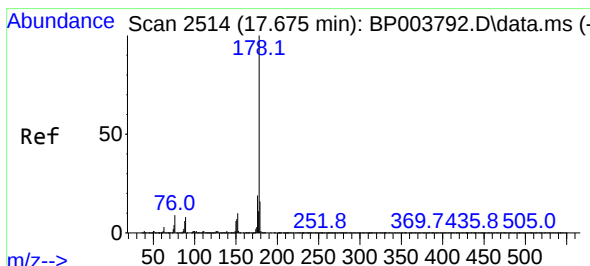
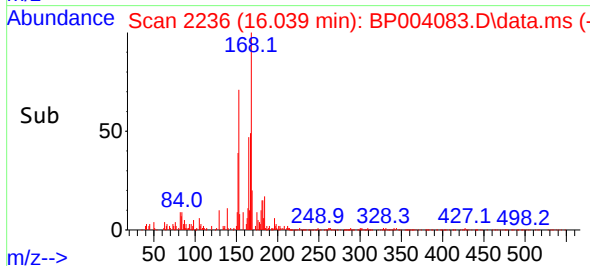
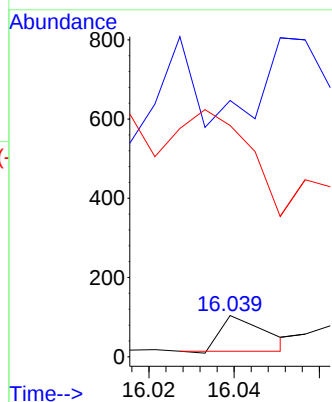
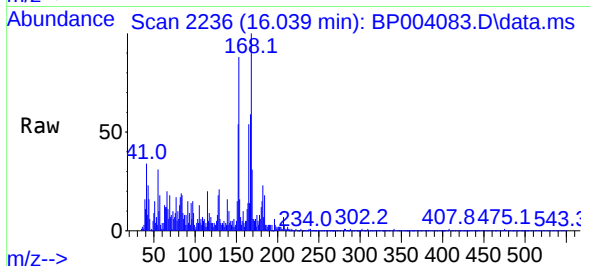




#65
4,6-Dinitro-2-methylphenol
Concen: 6.36 ng
RT: 16.039 min Scan# 2236
Delta R.T. 0.023 min
Lab File: BP004083.D
Acq: 24 Nov 2020 19:17

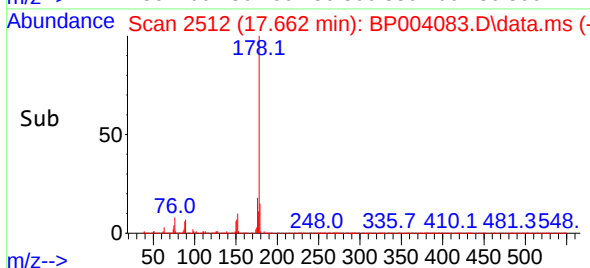
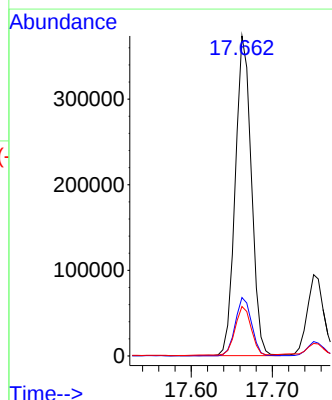
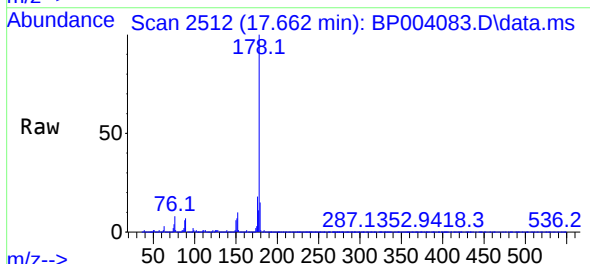
Instrument :
BNA_P
ClientSampled :
MW-12DL

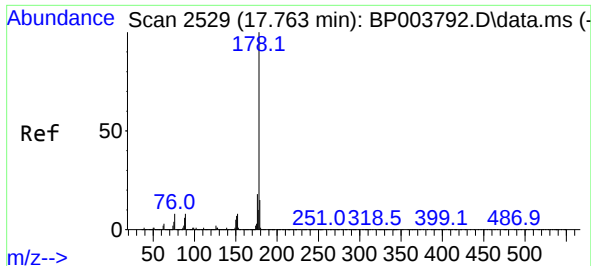
Tgt Ion:198 Resp: 65
Ion Ratio Lower Upper
198 100
51 622.1 6.4 46.4#
105 561.5 18.9 58.9#



#71
Phenanthrene
Concen: 15.70 ng
RT: 17.662 min Scan# 2512
Delta R.T. -0.006 min
Lab File: BP004083.D
Acq: 24 Nov 2020 19:17

Tgt Ion:178 Resp: 512650
Ion Ratio Lower Upper
178 100
176 18.3 15.3 22.9
179 15.5 12.5 18.7

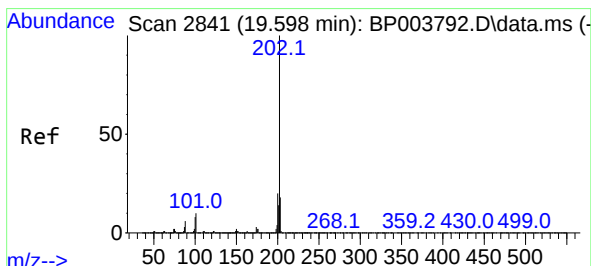
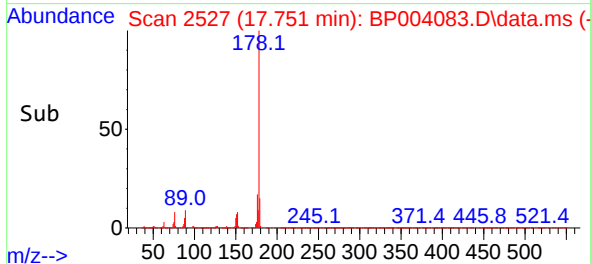
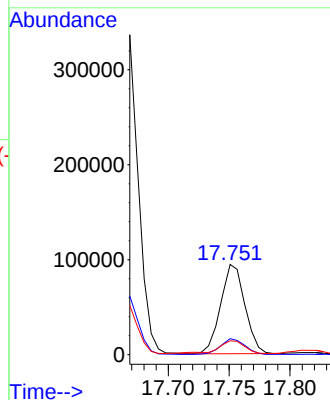
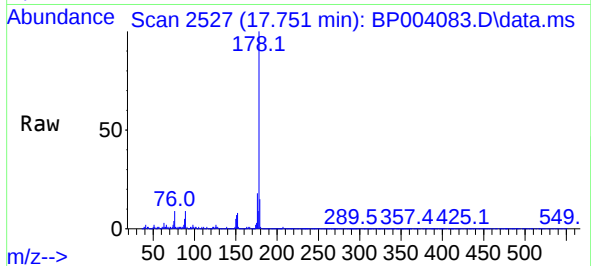




#72
Anthracene
Concen: 4.14 ng
RT: 17.751 min Scan# 2527
Delta R.T. -0.006 min
Lab File: BP004083.D
Acq: 24 Nov 2020 19:17

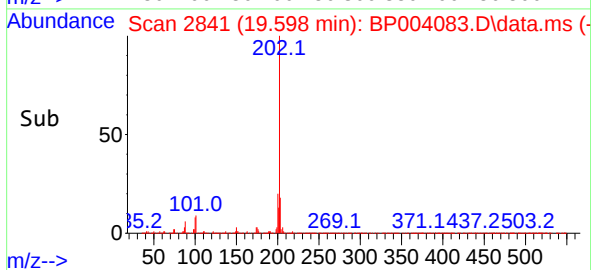
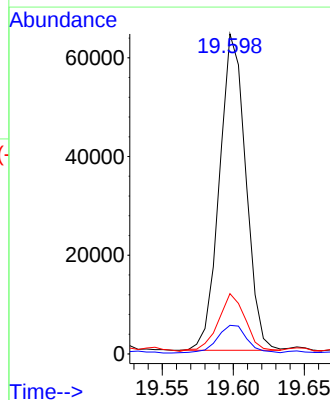
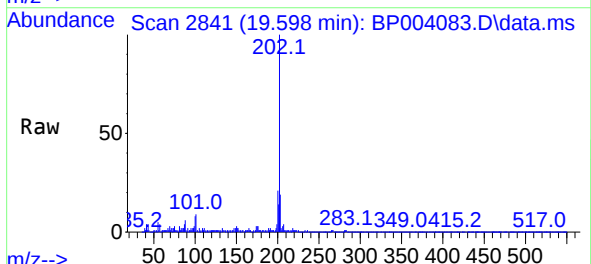
Instrument :
BNA_P
ClientSampleId :
MW-12DL

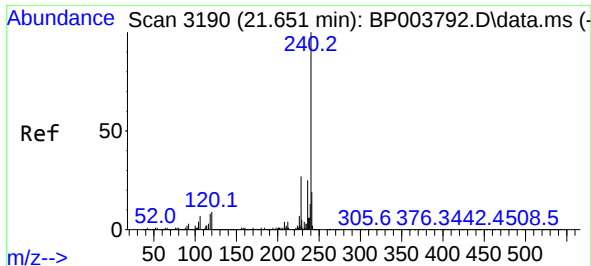
Tgt Ion:178 Resp: 130612
Ion Ratio Lower Upper
178 100
176 17.7 15.0 22.4
179 15.5 12.5 18.7



#75
Fluoranthene
Concen: 2.19 ng
RT: 19.598 min Scan# 2841
Delta R.T. -0.006 min
Lab File: BP004083.D
Acq: 24 Nov 2020 19:17

Tgt Ion:202 Resp: 82647
Ion Ratio Lower Upper
202 100
101 8.9 0.0 29.4
203 18.9 0.0 37.8

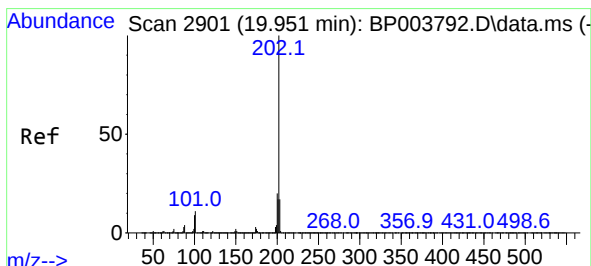
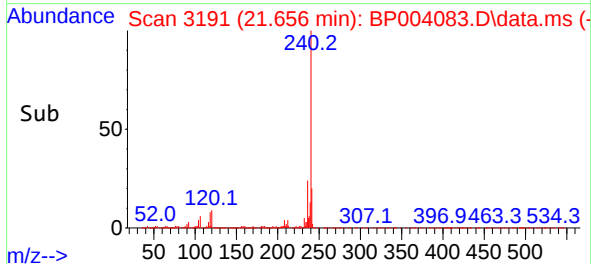
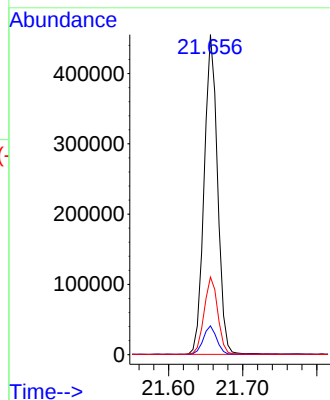
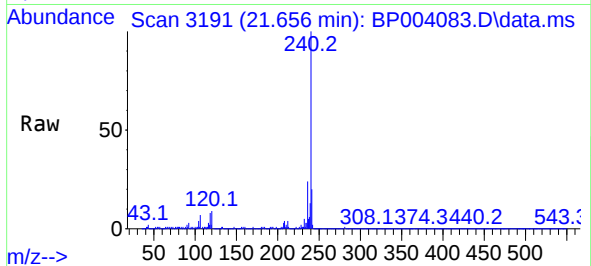




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.656 min Scan# 3191
Delta R.T. -0.006 min
Lab File: BP004083.D
Acq: 24 Nov 2020 19:17

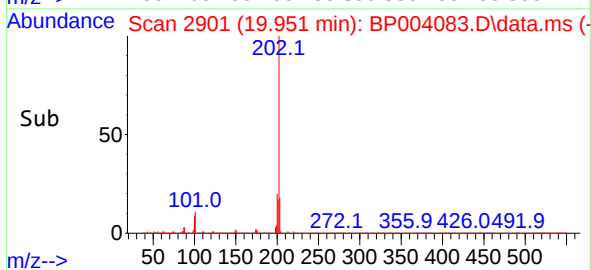
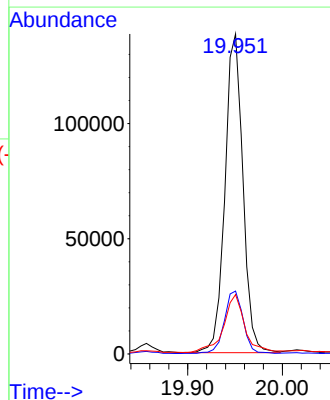
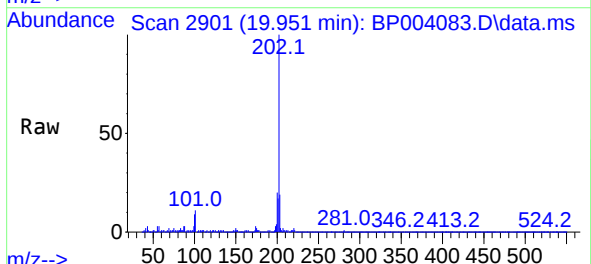
Instrument :
BNA_P
ClientSampled :
MW-12DL

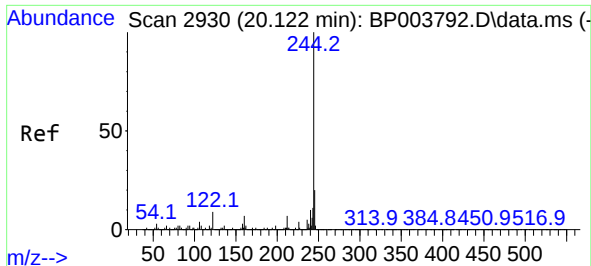
Tgt Ion:240 Resp: 571188
Ion Ratio Lower Upper
240 100
120 9.0 7.8 11.6
236 24.2 20.8 31.2



#78
Pyrene
Concen: 4.70 ng
RT: 19.951 min Scan# 2901
Delta R.T. -0.000 min
Lab File: BP004083.D
Acq: 24 Nov 2020 19:17

Tgt Ion:202 Resp: 182278
Ion Ratio Lower Upper
202 100
200 19.7 17.1 25.7
203 18.5 14.2 21.2

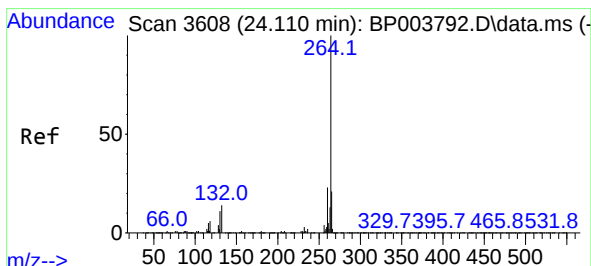
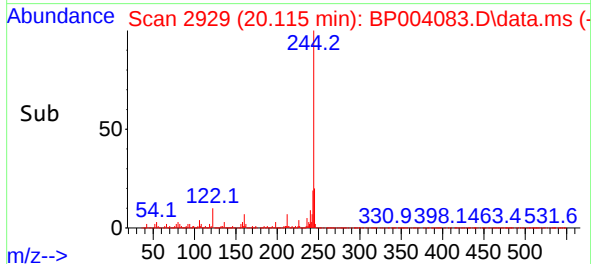
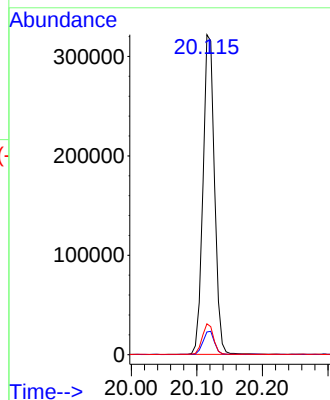
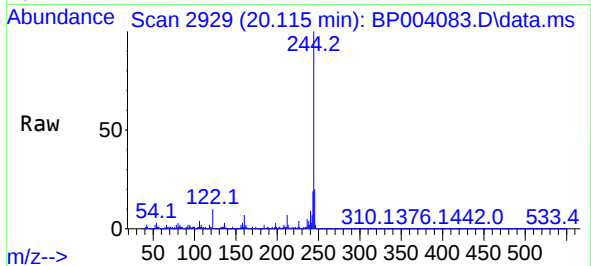




#79
Terphenyl-d14
Concen: 13.32 ng
RT: 20.115 min Scan# 2929
Delta R.T. -0.006 min
Lab File: BP004083.D
Acq: 24 Nov 2020 19:17

Instrument :
BNA_P
ClientSampleId :
MW-12DL

Tgt Ion:244 Resp: 393670
Ion Ratio Lower Upper
244 100
212 7.1 5.8 8.6
122 9.6 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: BP004083.D
Acq: 24 Nov 2020 19:17

Tgt Ion:264 Resp: 595780
Ion Ratio Lower Upper
264 100
260 22.8 18.8 28.2
265 21.4 17.4 26.2

