

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112420\
 Data File : BP004084.D
 Acq On : 24 Nov 2020 19:51
 Operator : CG/JU
 Sample : L4829-07DL2 25X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MW-12DL2

Quant Time: Nov 24 23:59:15 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)

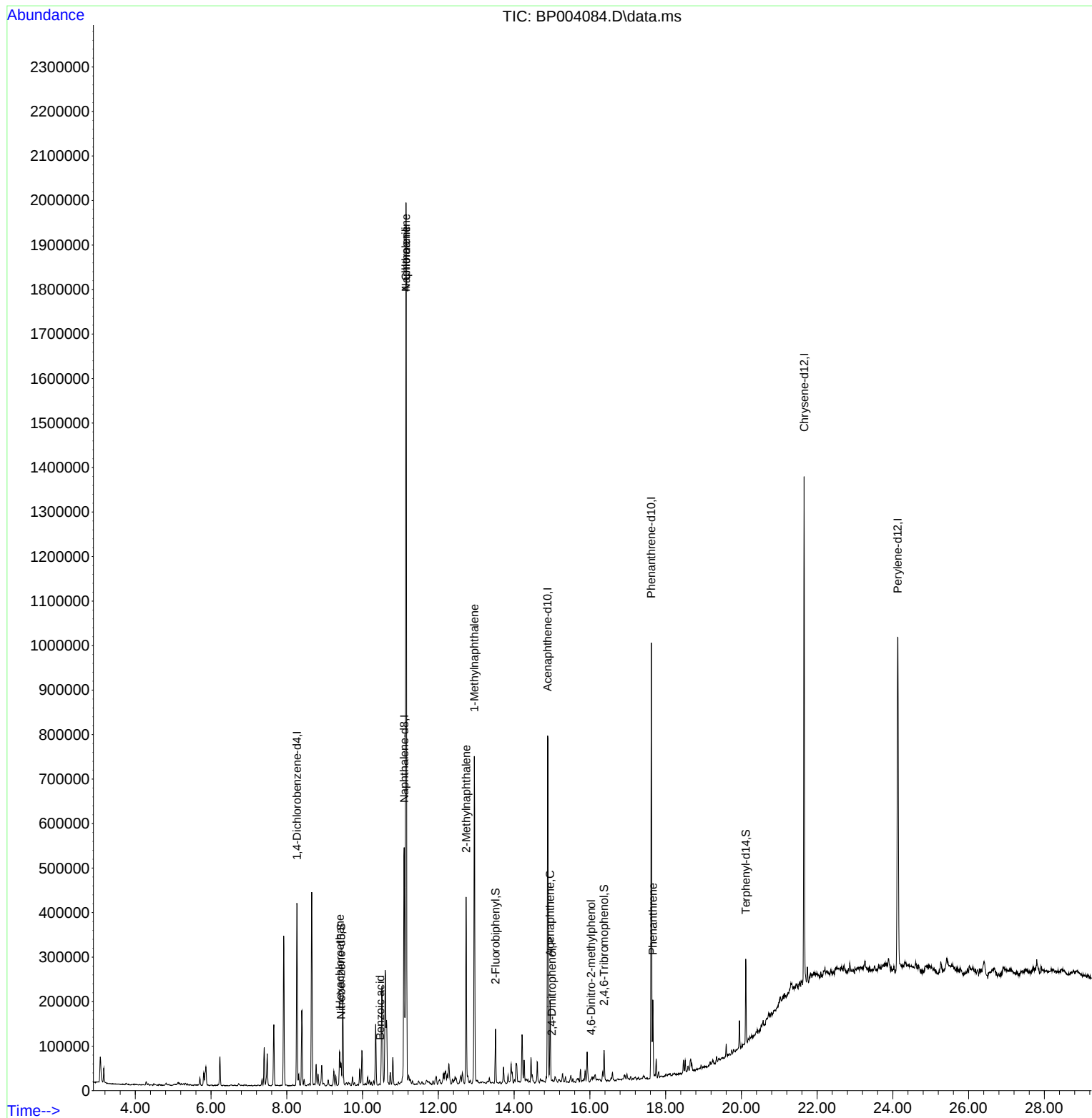
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.269	152	112478	20.00	ng	0.00
21) Naphthalene-d8	11.099	136	436307	20.00	ng	# 0.00
39) Acenaphthene-d10	14.887	164	274663	20.00	ng	0.00
64) Phenanthrene-d10	17.622	188	586612	20.00	ng	# 0.00
76) Chrysene-d12	21.657	240	563724	20.00	ng	0.00
86) Perylene-d12	24.127	264	601961	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.805	112	12468	1.85	ng	0.00
7) Phenol-d6	7.458	99	9308	0.96	ng	0.00
23) Nitrobenzene-d5	9.434	82	25815	2.90	ng	0.00
42) 2,4,6-Tribromophenol	16.375	330	15360	4.47	ng	0.00
45) 2-Fluorobiphenyl	13.510	172	63760	3.25	ng	0.00
79) Terphenyl-d14	20.116	244	78586	2.69	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.399	77	6734	Below Cal	#	1
18) Hexachloroethane	9.399	117	7587	2.41	ng	# 1
31) Naphthalene	11.146	128	1562857	66.75	ng	100
32) Benzoic acid	10.463	122	15	8.31	ng	# 1
33) 4-Chloroaniline	11.146	127	204517	20.55	ng	# 34
37) 2-Methylnaphthalene	12.734	142	193396	11.54	ng	99
38) 1-Methylnaphthalene	12.951	142	339556	21.25	ng	100
52) Acenaphthene	14.951	154	63797	3.73	ng	99
54) 2,4-Dinitrophenol	14.992	184	31	2.75	ng	# 1
65) 4,6-Dinitro-2-methylph...	16.034	198	26	6.35	ng	# 1
71) Phenanthrene	17.663	178	101084	3.07	ng	98

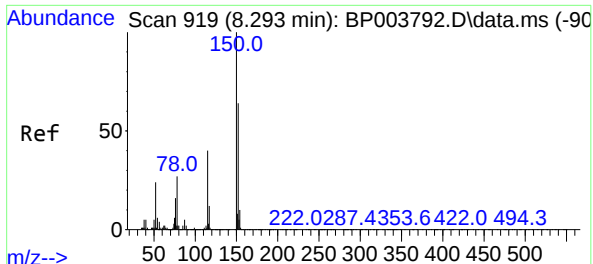
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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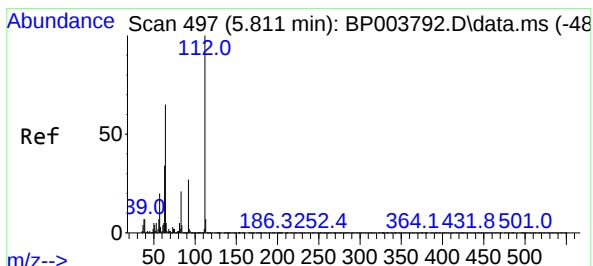
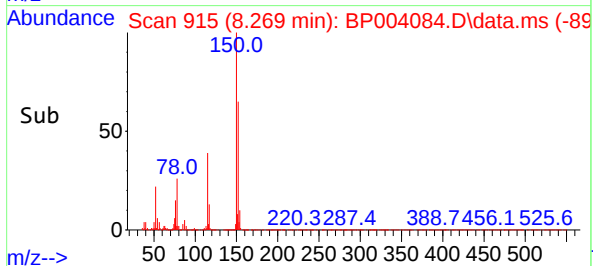
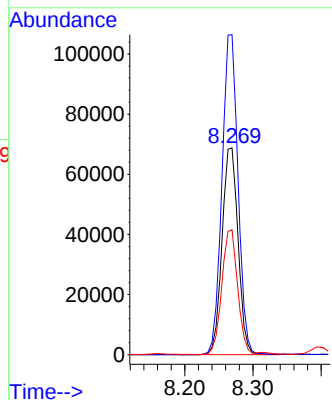
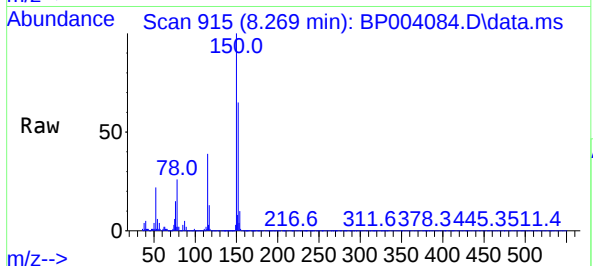




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.269 min Scan# 915
Delta R.T. 0.000 min
Lab File: BP004084.D
Acq: 24 Nov 2020 19:51

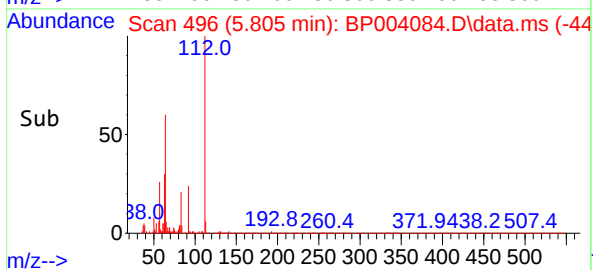
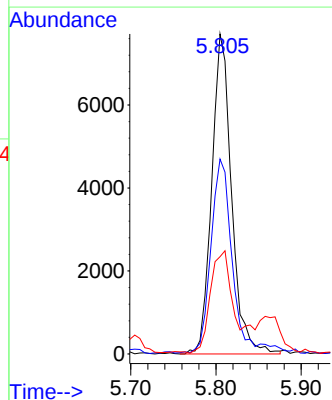
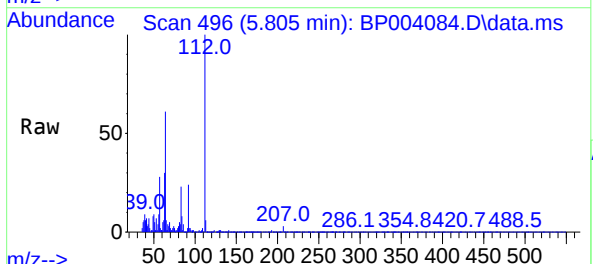
Instrument :
BNA_P
ClientSampleId :
MW-12DL2

Tgt Ion:152 Resp: 112478
Ion Ratio Lower Upper
152 100
150 154.7 123.8 185.6
115 60.4 43.8 65.6



#5
2-Fluorophenol
Concen: 1.85 ng
RT: 5.805 min Scan# 496
Delta R.T. 0.000 min
Lab File: BP004084.D
Acq: 24 Nov 2020 19:51

Tgt Ion:112 Resp: 12468
Ion Ratio Lower Upper
112 100
64 60.9 32.8 49.2#
63 30.4 17.0 25.4#

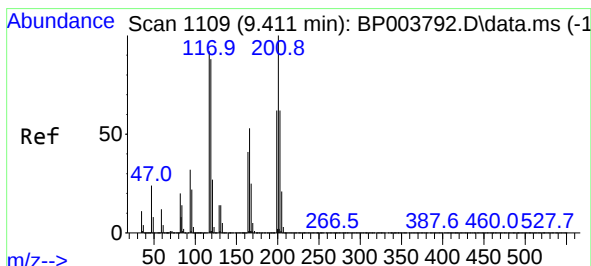
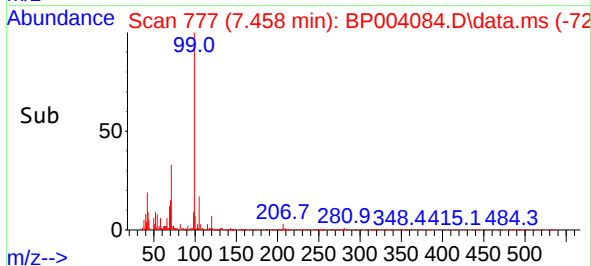
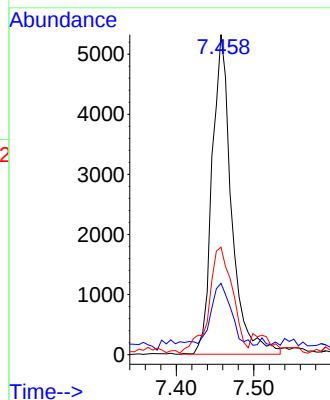
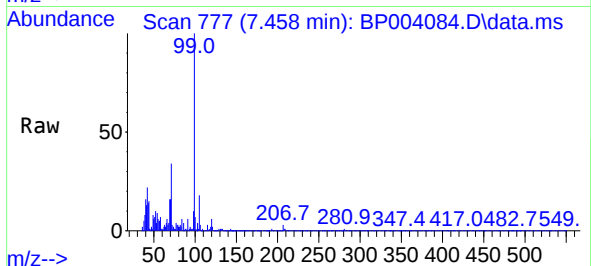




#7
Phenol-d6
Concen: 0.96 ng
RT: 7.458 min Scan# 777
Delta R.T. 0.006 min
Lab File: BP004084.D
Acq: 24 Nov 2020 19:51

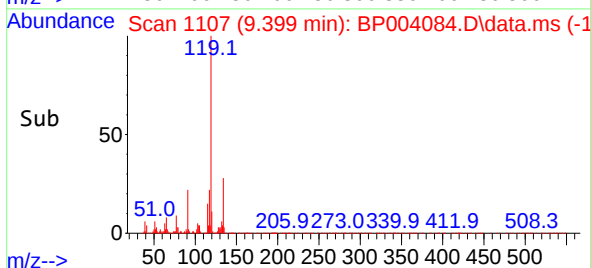
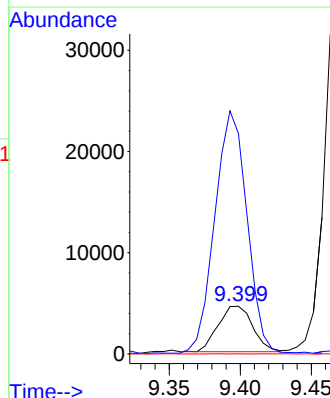
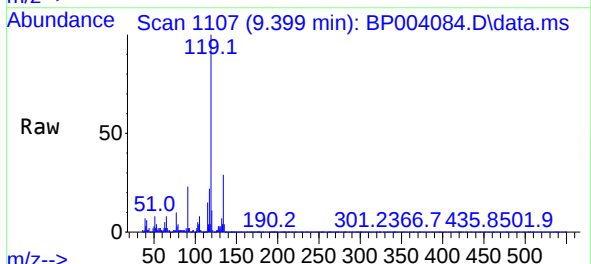
Instrument :
BNA_P
ClientSampleId :
MW-12DL2

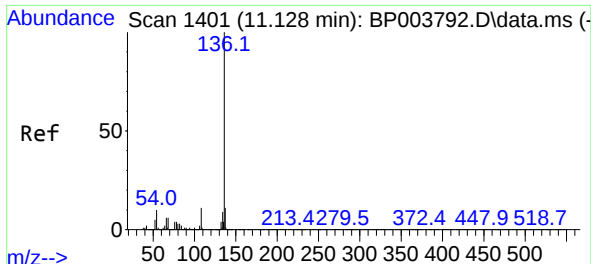
Tgt Ion:	99	Resp:	9308
Ion	Ratio	Lower	Upper
99	100		
42	22.3	8.6	13.0#
71	33.6	23.4	35.2



#18
Hexachloroethane
Concen: 2.41 ng
RT: 9.399 min Scan# 1107
Delta R.T. 0.024 min
Lab File: BP004084.D
Acq: 24 Nov 2020 19:51

Tgt Ion:	117	Resp:	7587
Ion	Ratio	Lower	Upper
117	100		
119	462.3	78.8	118.2#
201	0.2	92.3	138.5#

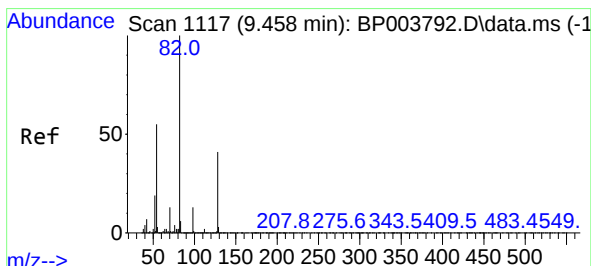
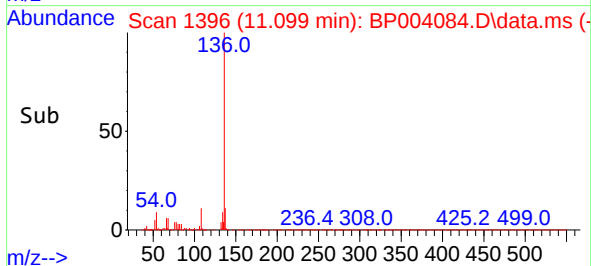
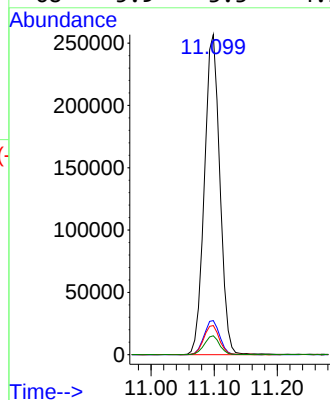
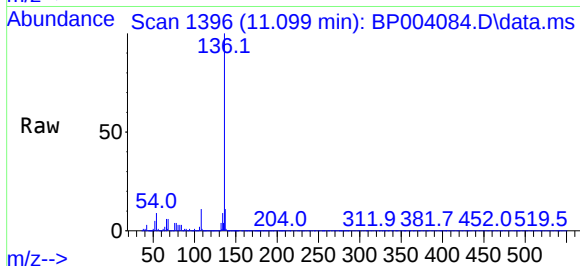




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.099 min Scan# 1396
Delta R.T. 0.000 min
Lab File: BP004084.D
Acq: 24 Nov 2020 19:51

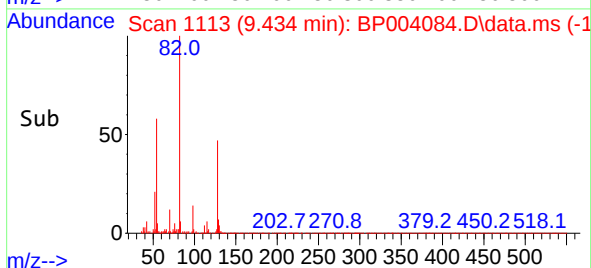
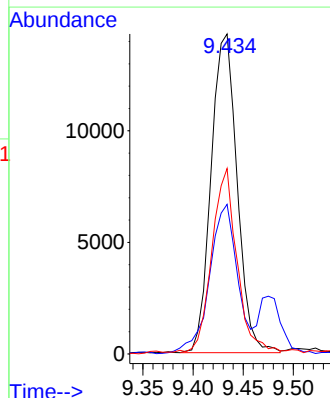
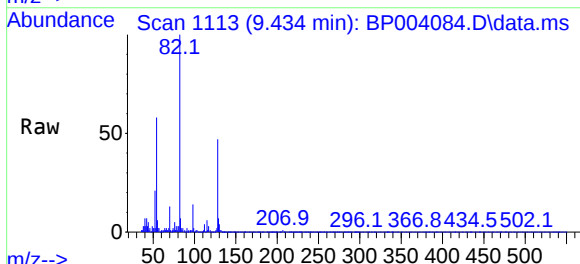
Instrument :
BNA_P
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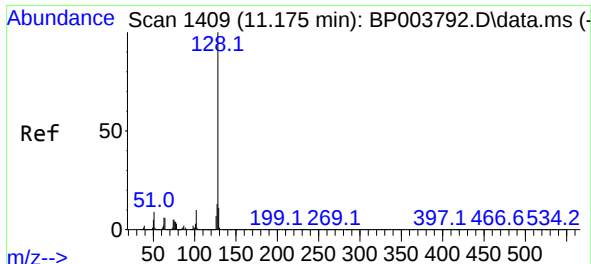
Tgt Ion:	136	Resp:	436307
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	9.1	3.6	5.4#
68	5.9	3.3	4.9#



#23
Nitrobenzene-d5
Concen: 2.90 ng
RT: 9.434 min Scan# 1113
Delta R.T. 0.000 min
Lab File: BP004084.D
Acq: 24 Nov 2020 19:51

Tgt Ion:	82	Resp:	25815
Ion	Ratio	Lower	Upper
82	100		
128	46.7	45.6	68.4
54	57.9	30.1	45.1#

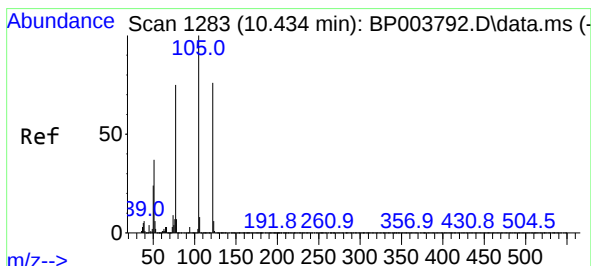
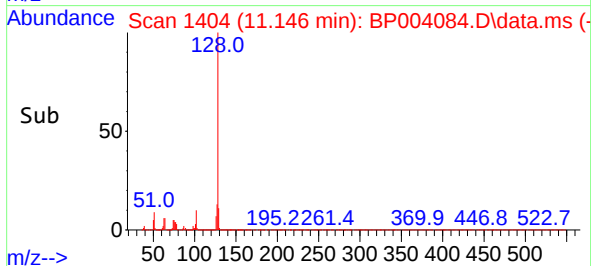
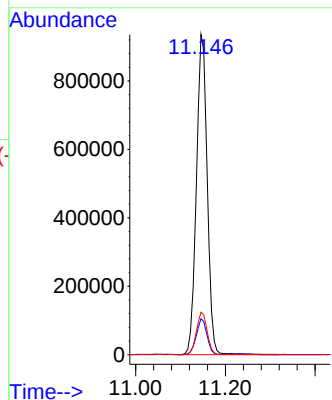
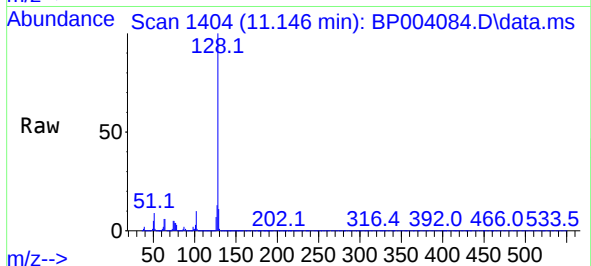




#31
Naphthalene
Concen: 66.75 ng
RT: 11.146 min Scan# 1404
Delta R.T. 0.000 min
Lab File: BP004084.D
Acq: 24 Nov 2020 19:51

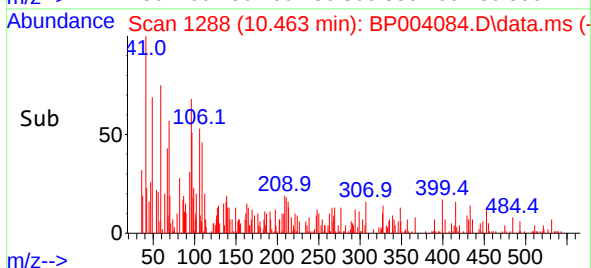
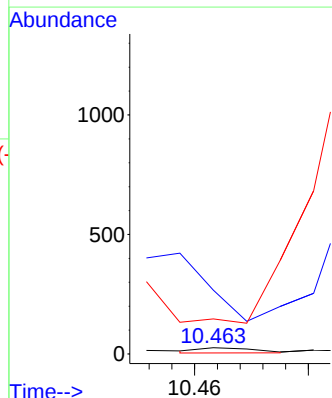
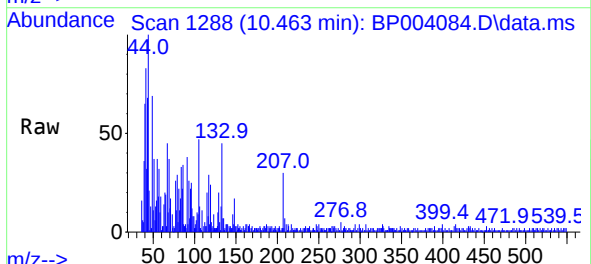
Instrument :
BNA_P
ClientSampleId :
MW-12DL2

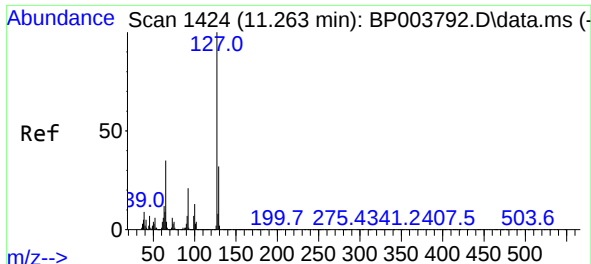
Tgt Ion:128 Resp: 1562857
Ion Ratio Lower Upper
128 100
129 11.3 8.8 13.2
127 13.2 10.6 15.8



#32
Benzoic acid
Concen: 8.31 ng
RT: 10.463 min Scan# 1288
Delta R.T. 0.006 min
Lab File: BP004084.D
Acq: 24 Nov 2020 19:51

Tgt Ion:122 Resp: 15
Ion Ratio Lower Upper
122 100
105 1026.9 94.1 134.1#
77 565.4 50.1 90.1#

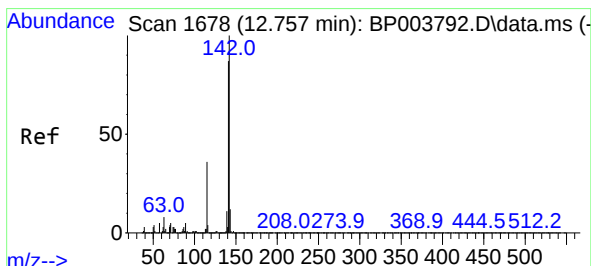
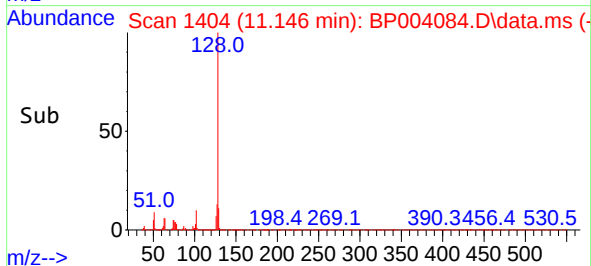
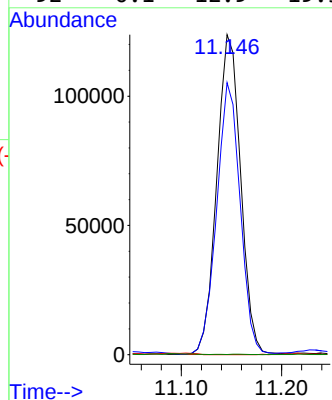
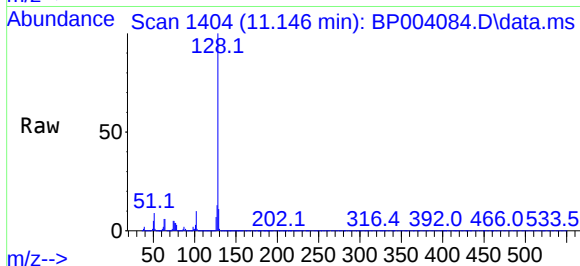




#33
4-Chloroaniline
Concen: 20.55 ng
RT: 11.146 min Scan# 1404
Delta R.T. -0.094 min
Lab File: BP004084.D
Acq: 24 Nov 2020 19:51

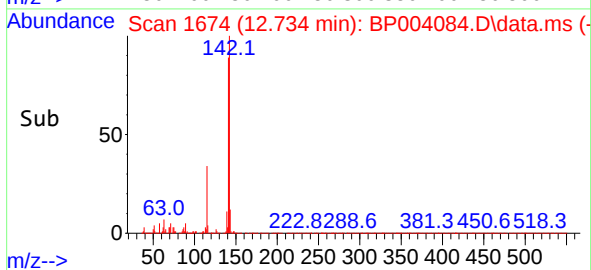
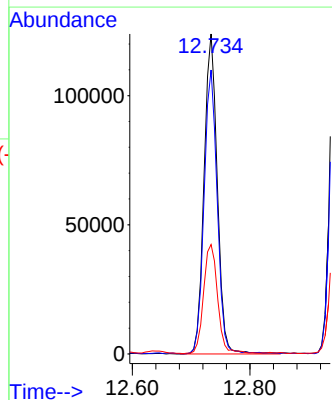
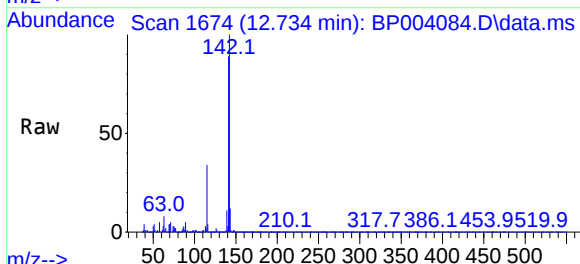
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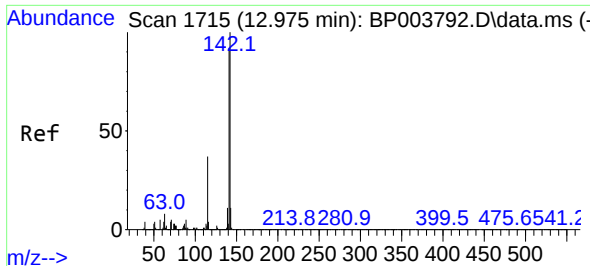
Tgt Ion:	127	Resp:	204517
Ion	Ratio	Lower	Upper
127	100		
129	85.0	25.7	38.5#
65	0.0	17.3	25.9#
92	0.1	12.9	19.3#



#37
2-Methylnaphthalene
Concen: 11.54 ng
RT: 12.734 min Scan# 1674
Delta R.T. 0.000 min
Lab File: BP004084.D
Acq: 24 Nov 2020 19:51

Tgt Ion:	142	Resp:	193396
Ion	Ratio	Lower	Upper
142	100		
141	88.7	71.4	107.2
115	34.2	25.8	38.6

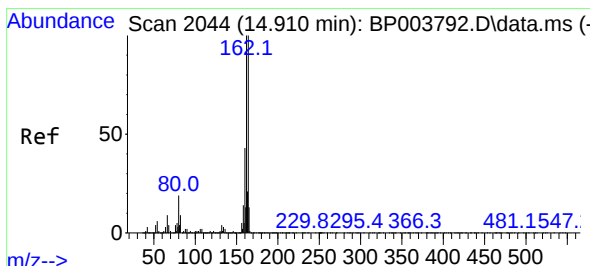
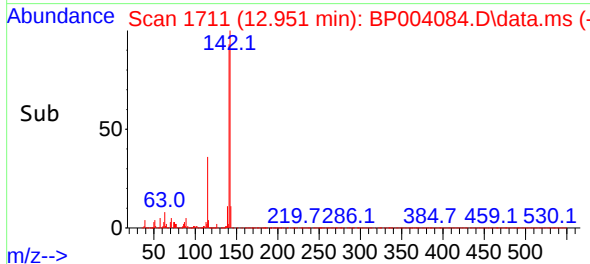
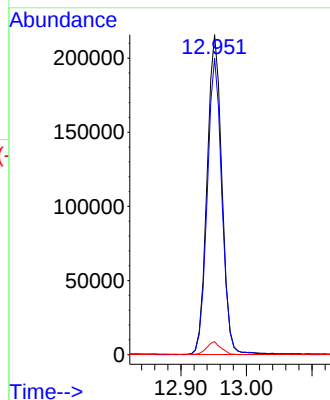
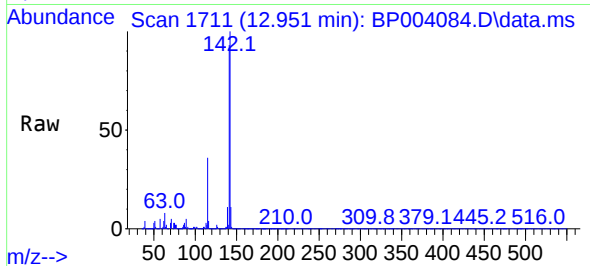




#38
1-Methylnaphthalene
Concen: 21.25 ng
RT: 12.951 min Scan# 1711
Delta R.T. 0.000 min
Lab File: BP004084.D
Acq: 24 Nov 2020 19:51

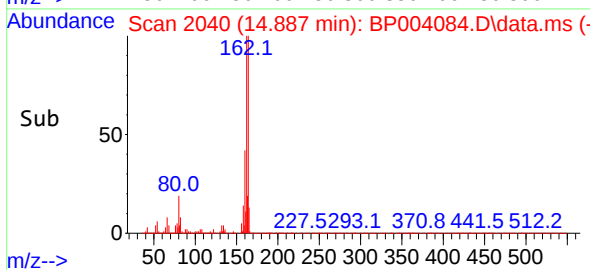
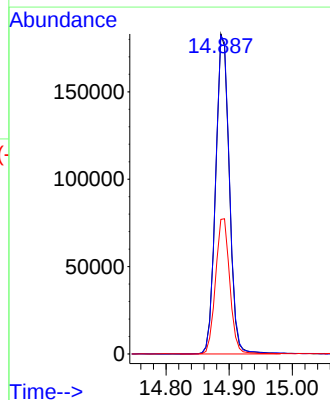
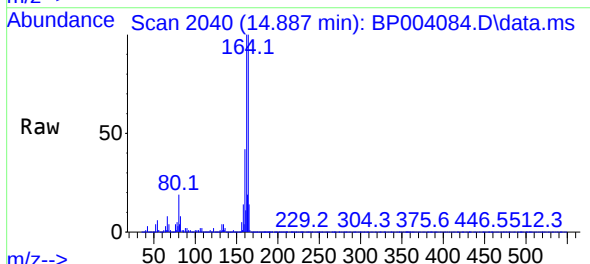
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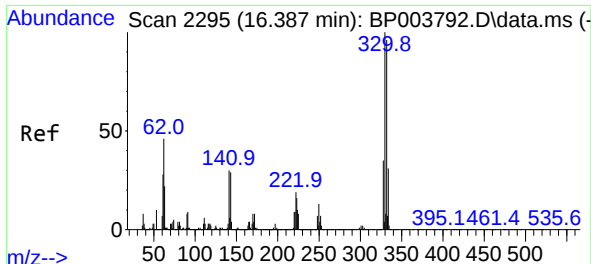
Tgt Ion:142 Resp: 339556
Ion Ratio Lower Upper
142 100
141 92.7 74.4 111.6
116 4.1 2.9 4.3



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.887 min Scan# 2040
Delta R.T. -0.006 min
Lab File: BP004084.D
Acq: 24 Nov 2020 19:51

Tgt Ion:164 Resp: 274663
Ion Ratio Lower Upper
164 100
162 99.5 79.4 119.2
160 42.0 36.1 54.1

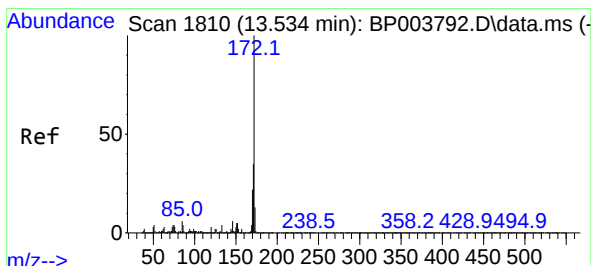
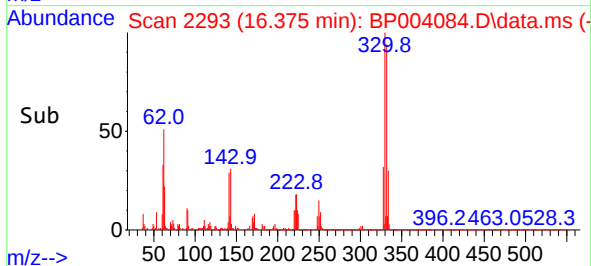
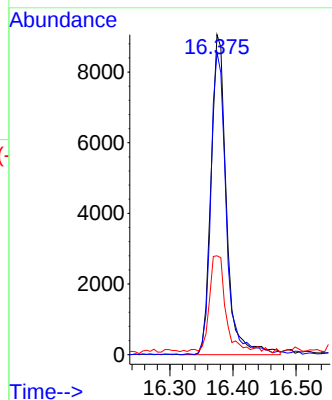
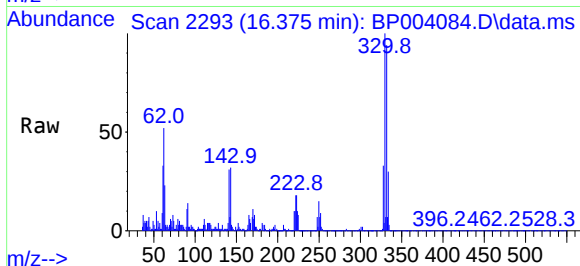




#42
2,4,6-Tribromophenol
Concen: 4.47 ng
RT: 16.375 min Scan# 2293
Delta R.T. 0.000 min
Lab File: BP004084.D
Acq: 24 Nov 2020 19:51

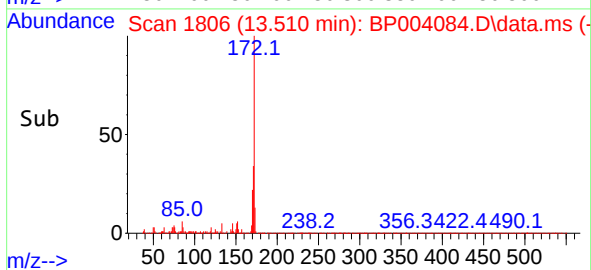
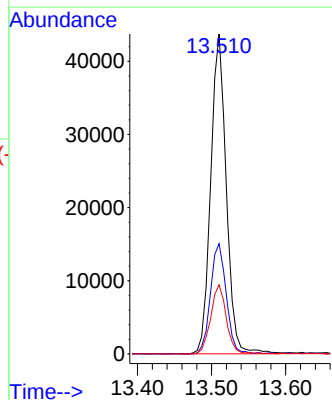
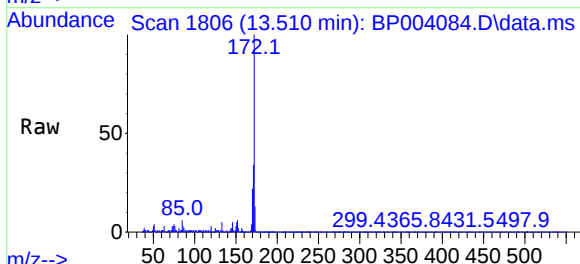
Instrument :
BNA_P
ClientSampleId :
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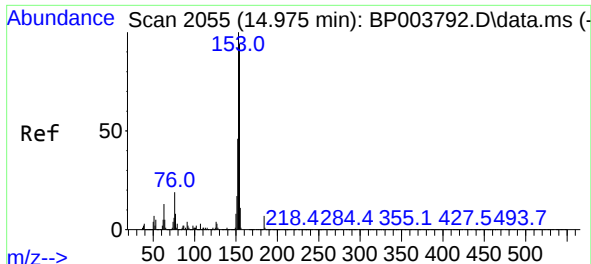
Tgt Ion:	330	Resp:	15360
Ion Ratio	Lower	Upper	
330	100		
332	94.0	77.1	115.7
141	31.0	23.4	35.2



#45
2-Fluorobiphenyl
Concen: 3.25 ng
RT: 13.510 min Scan# 1806
Delta R.T. 0.000 min
Lab File: BP004084.D
Acq: 24 Nov 2020 19:51

Tgt Ion:	172	Resp:	63760
Ion Ratio	Lower	Upper	
172	100		
171	34.5	28.5	42.7
170	21.6	19.2	28.8

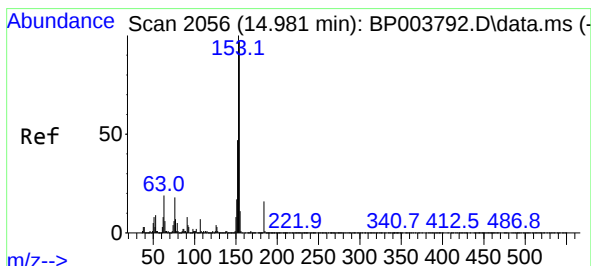
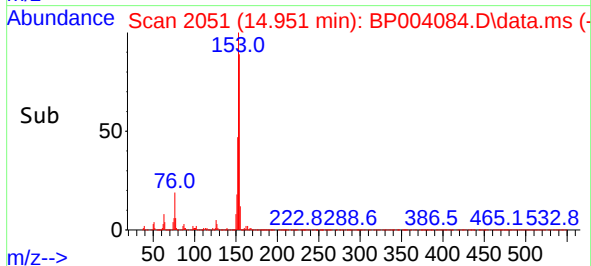
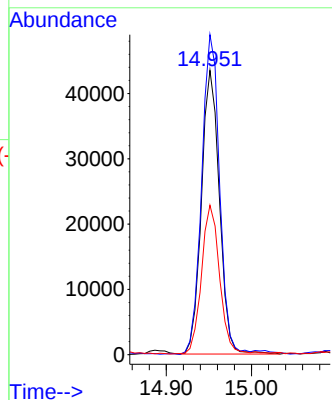
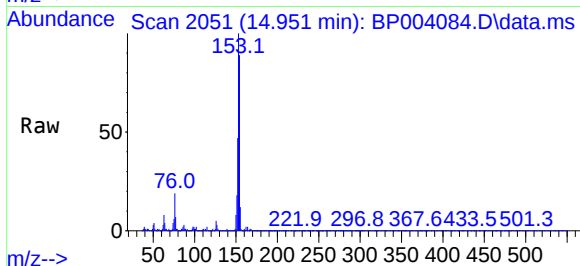




#52
Acenaphthene
Concen: 3.73 ng
RT: 14.951 min Scan# 2051
Delta R.T. -0.006 min
Lab File: BP004084.D
Acq: 24 Nov 2020 19:51

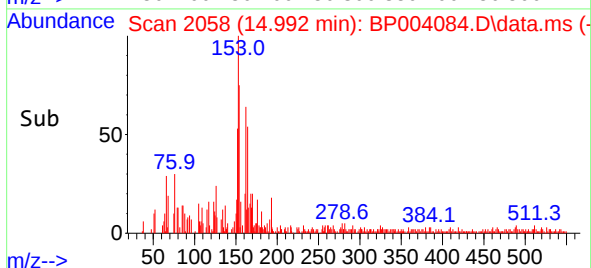
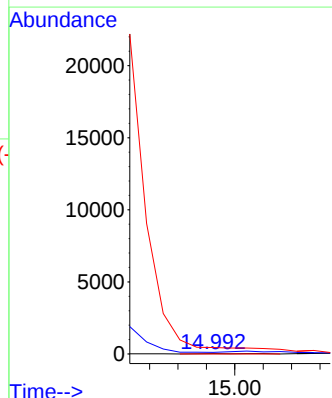
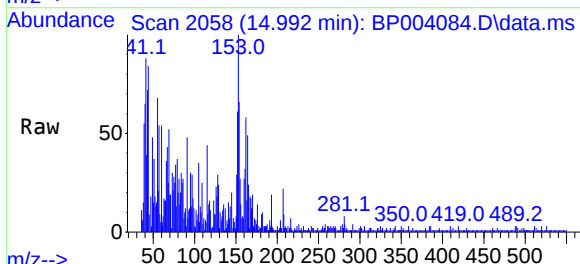
Instrument :
BNA_P
ClientSampleId :
MW-12DL2

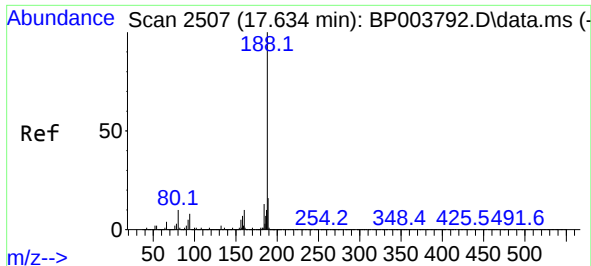
Tgt Ion:154 Resp: 63797
Ion Ratio Lower Upper
154 100
153 112.6 91.0 136.6
152 52.6 43.0 64.6



#54
2,4-Dinitrophenol
Concen: 2.75 ng
RT: 14.992 min Scan# 2058
Delta R.T. 0.000 min
Lab File: BP004084.D
Acq: 24 Nov 2020 19:51

Tgt Ion:184 Resp: 31
Ion Ratio Lower Upper
184 100
63 487.0 32.3 48.5#
154 1952.2 49.1 73.7#

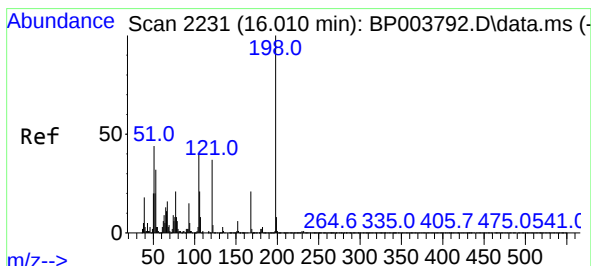
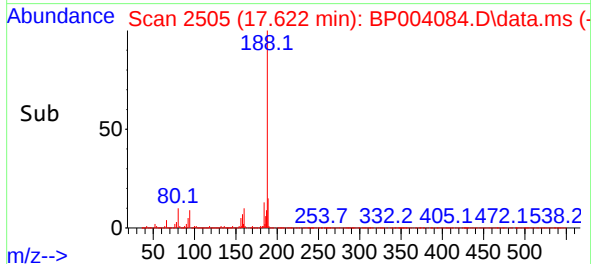
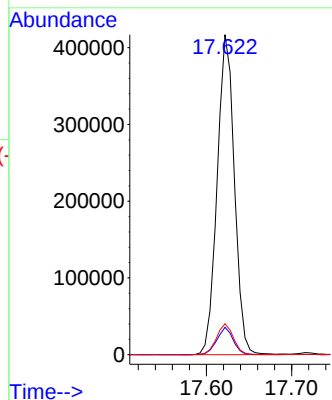
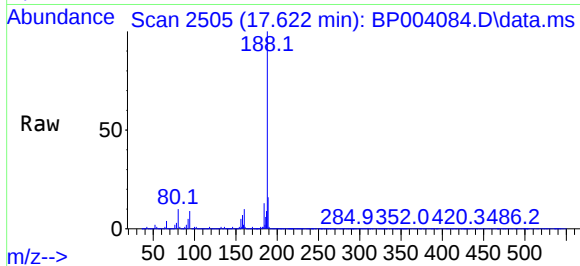




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.622 min Scan# 2505
Delta R.T. 0.000 min
Lab File: BP004084.D
Acq: 24 Nov 2020 19:51

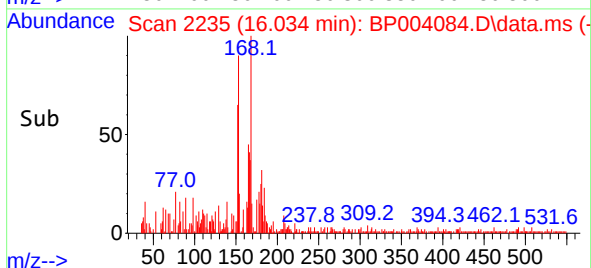
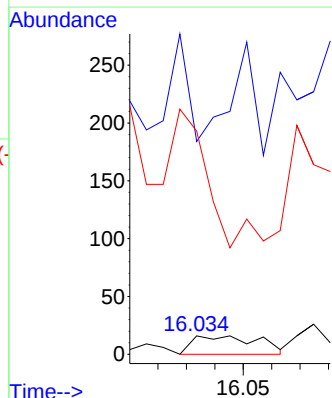
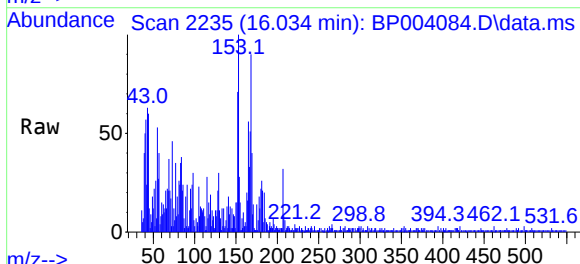
Instrument :
BNA_P
ClientSampleId :
MW-12DL2

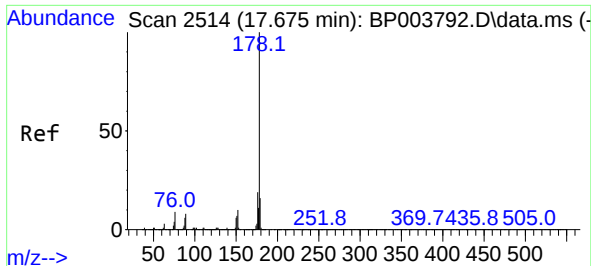
Tgt Ion:188 Resp: 586612
Ion Ratio Lower Upper
188 100
94 8.5 6.2 9.2
80 9.7 6.2 9.2#



#65
4,6-Dinitro-2-methylphenol
Concen: 6.35 ng
RT: 16.034 min Scan# 2235
Delta R.T. 0.018 min
Lab File: BP004084.D
Acq: 24 Nov 2020 19:51

Tgt Ion:198 Resp: 26
Ion Ratio Lower Upper
198 100
51 1150.0 6.4 46.4#
105 1206.3 18.9 58.9#



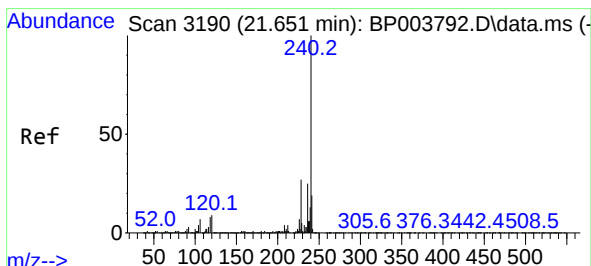
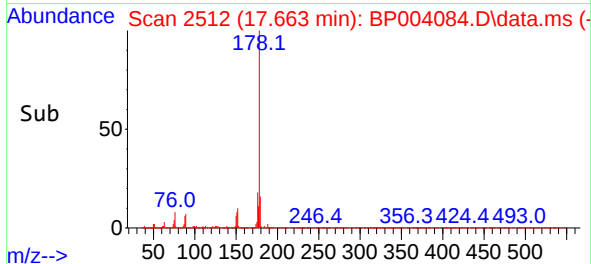
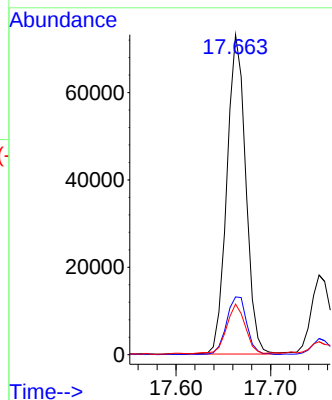
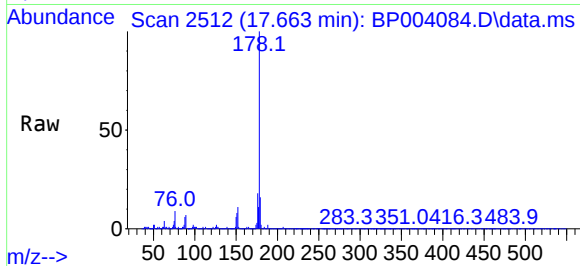


#71
Phenanthrene
Concen: 3.07 ng
RT: 17.663 min Scan# 2512
Delta R.T. -0.006 min
Lab File: BP004084.D
Acq: 24 Nov 2020 19:51

Instrument :
BNA_P
ClientSampleId :
MW-12DL2

Tgt Ion:178 Resp: 101084

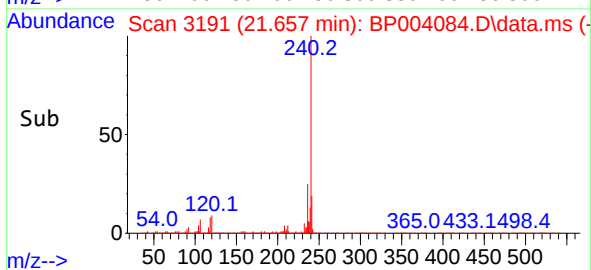
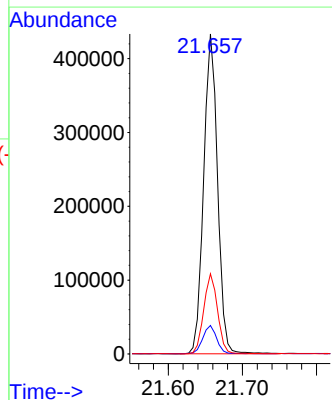
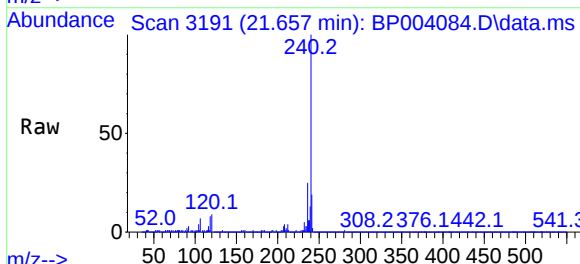
Ion	Ratio	Lower	Upper
178	100		
176	18.1	15.3	22.9
179	15.8	12.5	18.7

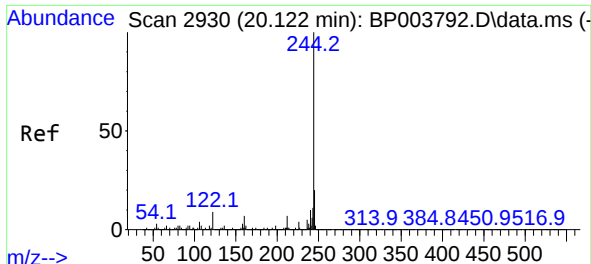


#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.657 min Scan# 3191
Delta R.T. -0.006 min
Lab File: BP004084.D
Acq: 24 Nov 2020 19:51

Tgt Ion:240 Resp: 563724

Ion	Ratio	Lower	Upper
240	100		
120	8.9	7.8	11.6
236	25.1	20.8	31.2

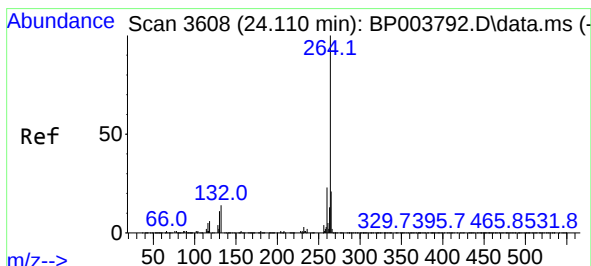
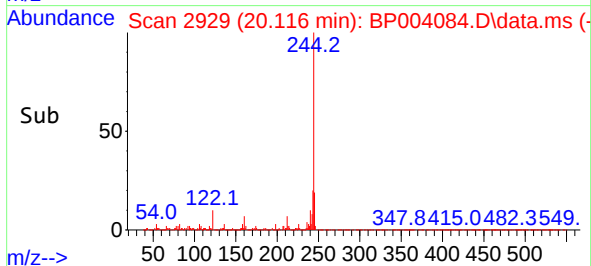
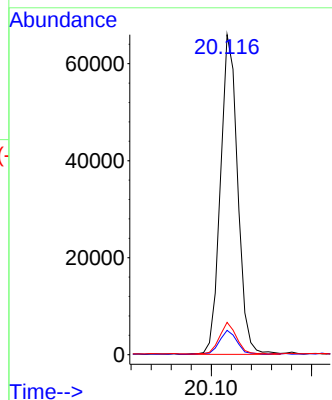
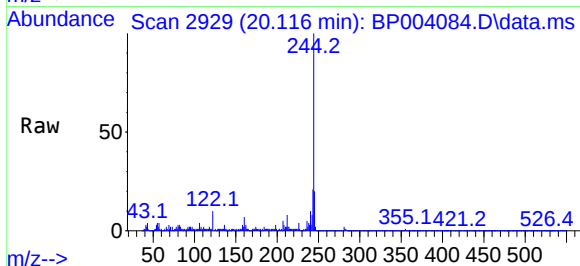




#79
Terphenyl-d14
Concen: 2.69 ng
RT: 20.116 min Scan# 2929
Delta R.T. -0.006 min
Lab File: BP004084.D
Acq: 24 Nov 2020 19:51

Instrument :
BNA_P
ClientSampleId :
MW-12DL2

Tgt Ion:244	Resp:	78586
Ion Ratio	Lower	Upper
244	100	
212	7.6	5.8 8.6
122	10.1	7.8 11.8



#86
Perylene-d12
Concen: 20.00 ng
RT: 24.127 min Scan# 3611
Delta R.T. 0.000 min
Lab File: BP004084.D
Acq: 24 Nov 2020 19:51

Tgt Ion:264	Resp:	601961
Ion Ratio	Lower	Upper
264	100	
260	23.1	18.8 28.2
265	22.0	17.4 26.2

