

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110420\
 Data File : BP003805.D
 Acq On : 04 Nov 2020 14:28
 Operator : CG/JU
 Sample : L3971-06
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Nov 05 14:55:20 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 05 14:31:45 2020
 Response via : Initial Calibration

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

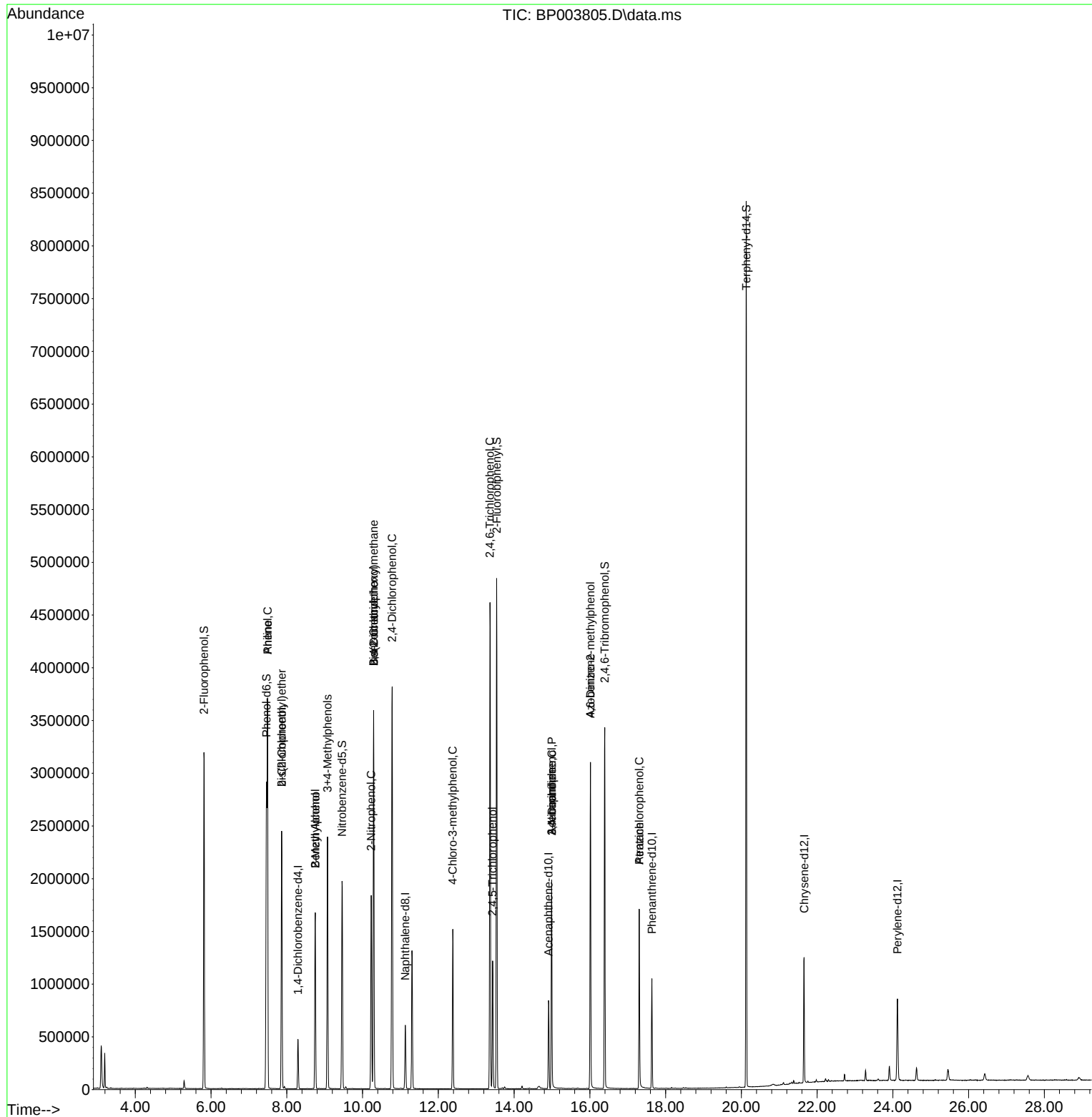
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.293	152	123977	20.00	ng	0.00
21) Naphthalene-d8	11.128	136	474215	20.00	ng	# 0.00
39) Acenaphthene-d10	14.910	164	282929	20.00	ng	0.00
64) Phenanthrene-d10	17.639	188	591502	20.00	ng	# 0.00
76) Chrysene-d12	21.657	240	584617	20.00	ng	0.00
86) Perylene-d12	24.121	264	584134	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.816	112	1298954	174.87	ng	0.00
7) Phenol-d6	7.463	99	1688520	158.35	ng	0.00
23) Nitrobenzene-d5	9.457	82	1107038	114.33	ng	0.00
42) 2,4,6-Tribromophenol	16.392	330	630001	178.03	ng	0.00
45) 2-Fluorobiphenyl	13.540	172	2393682	118.28	ng	0.00
79) Terphenyl-d14	20.127	244	3395085	112.20	ng	0.00
Target Compounds						Qvalue
6) Aniline	7.493	93	42336	3.50	ng	# 1
8) 2-Chlorophenol	7.863	128	1010153	128.08	ng	# 79
10) Phenol	7.493	94	1882681	182.97	ng	84
11) bis(2-Chloroethyl)ether	7.863	93	23218	2.81	ng	# 1
15) Benzyl Alcohol	8.752	79	225699	30.56	ng	# 1
17) 2-Methylphenol	8.752	107	472406	69.92	ng	# 95
20) 3+4-Methylphenols	9.075	107	1003949	111.32	ng	92
26) 2-Nitrophenol	10.228	139	549923	146.36	ng	# 74
27) 2,4-Dimethylphenol	10.293	122	1004398	160.26	ng	92
28) bis(2-Chloroethoxy)met...	10.293	93	48366	4.29	ng	# 1
29) 2,4-Dichlorophenol	10.781	162	1332131	176.39	ng	96
32) Benzoic acid	10.293	122	1004398	197.07	ng	# 22
36) 4-Chloro-3-methylphenol	12.381	107	483918	59.36	ng	88
43) 2,4,6-Trichlorophenol	13.363	196	1081472	186.83	ng	99
44) 2,4,5-Trichlorophenol	13.434	196	299530	49.15	ng	# 95
52) Acenaphthene	14.992	154	242322	13.75	ng	# 4
53) 3-Nitroaniline	14.992	138	12147	2.42	ng	# 1
54) 2,4-Dinitrophenol	14.992	184	390334	123.79	ng	# 84
63) Azobenzene	16.016	77	151641	7.42	ng	# 1
65) 4,6-Dinitro-2-methylph...	16.016	198	665721	187.76	ng	# 82
69) Atrazine	17.304	200	54640	9.19	ng	# 36
70) Pentachlorophenol	17.304	266	288484	76.37	ng	99

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

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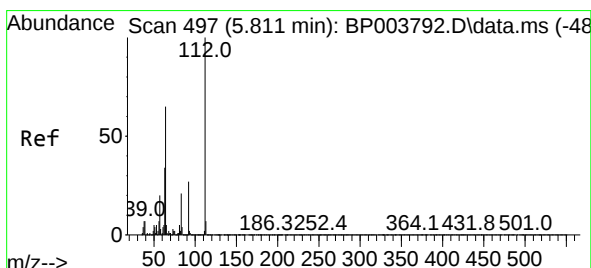
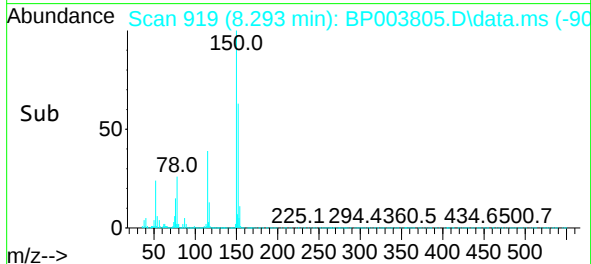
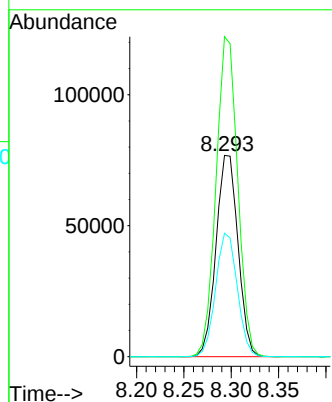
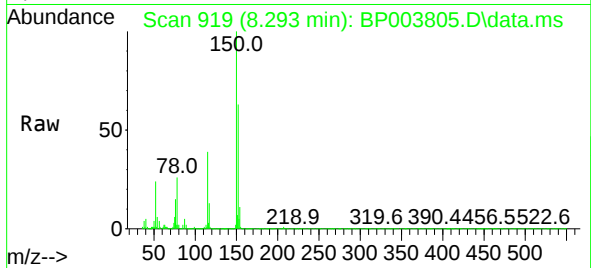




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.293 min Scan# 919
Delta R.T. -0.000 min
Lab File: BP003805.D
Acq: 04 Nov 2020 14:28

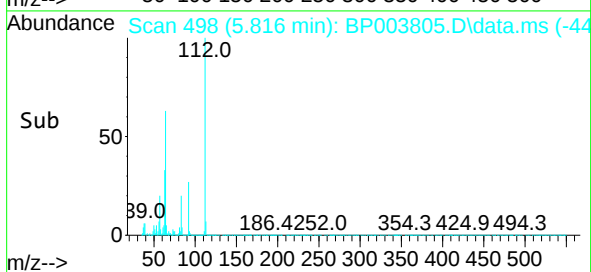
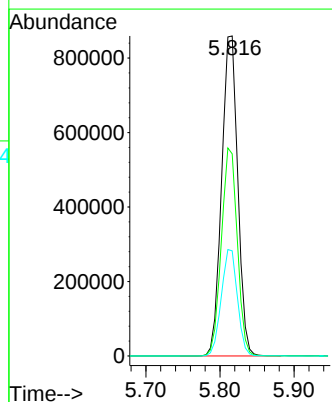
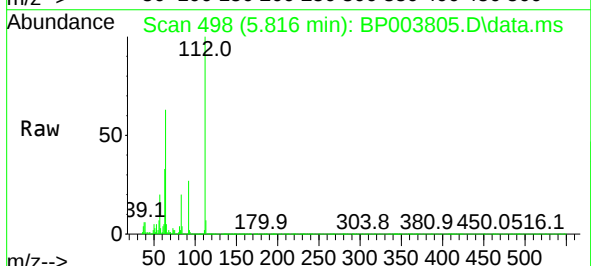
Instrument :
BNA_P
ClientSampleId :

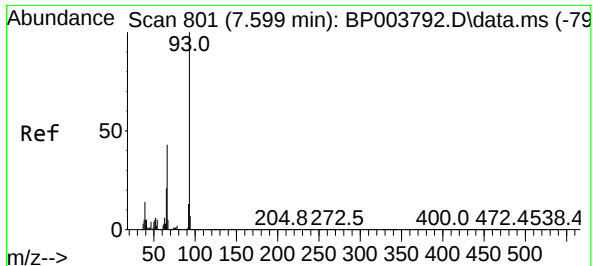
Tgt Ion:152 Resp: 123977
Ion Ratio Lower Upper
152 100
150 159.0 123.8 185.6
115 61.4 43.8 65.6



#5
2-Fluorophenol
Concen: 174.87 ng
RT: 5.816 min Scan# 498
Delta R.T. 0.005 min
Lab File: BP003805.D
Acq: 04 Nov 2020 14:28

Tgt Ion:112 Resp: 1298954
Ion Ratio Lower Upper
112 100
64 63.2 32.8 49.2#
63 32.9 17.0 25.4#

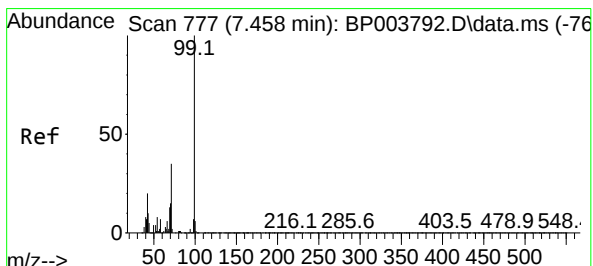
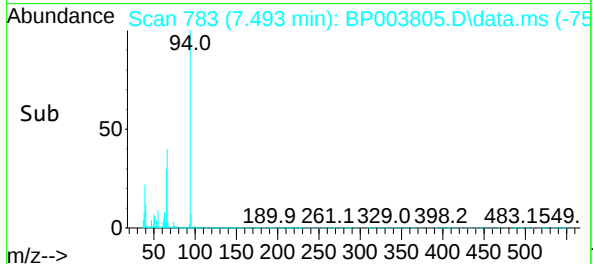
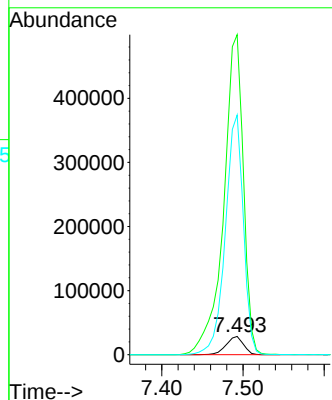
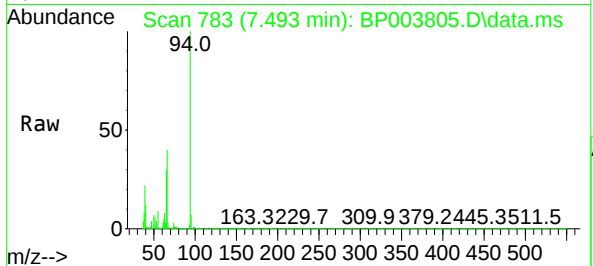




#6
Aniline
Concen: 3.50 ng
RT: 7.493 min Scan# 783
Delta R.T. -0.106 min
Lab File: BP003805.D
Acq: 04 Nov 2020 14:28

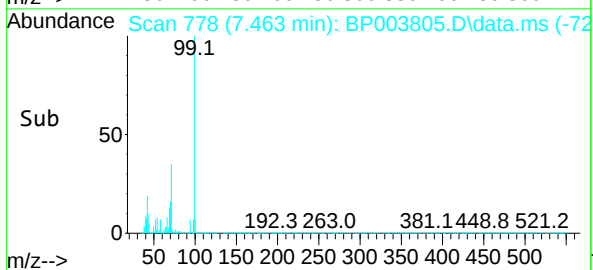
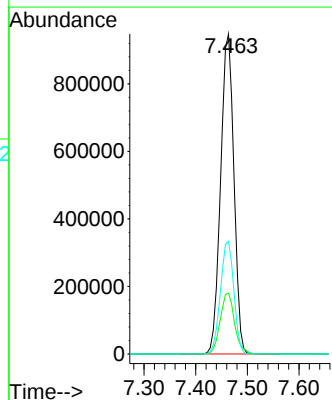
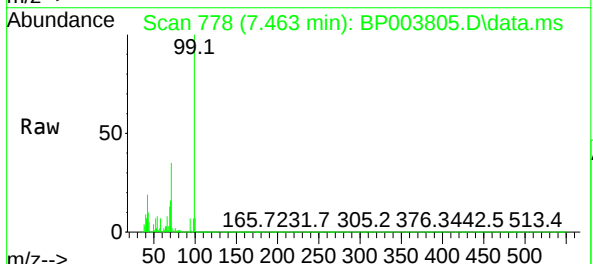
Instrument :
BNA_P
ClientSampleId :

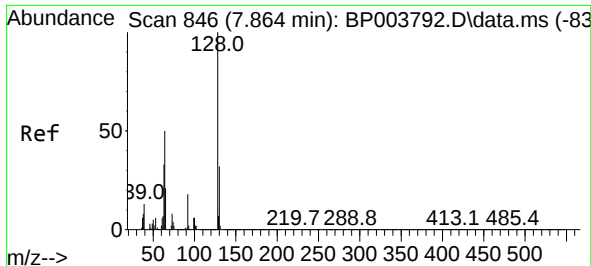
Tgt Ion: 93 Resp: 42336
Ion Ratio Lower Upper
93 100
66 1758.2 25.4 38.0#
65 1317.0 12.5 18.7#



#7
Phenol-d6
Concen: 158.35 ng
RT: 7.463 min Scan# 778
Delta R.T. 0.005 min
Lab File: BP003805.D
Acq: 04 Nov 2020 14:28

Tgt Ion: 99 Resp: 1688520
Ion Ratio Lower Upper
99 100
42 19.0 8.6 13.0#
71 35.2 23.4 35.2#

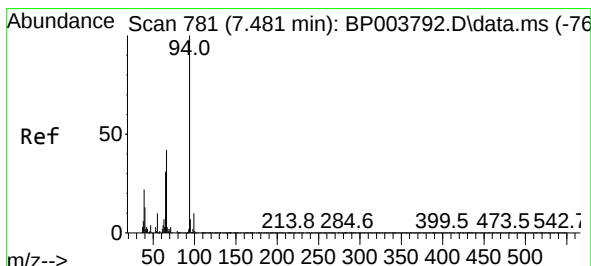
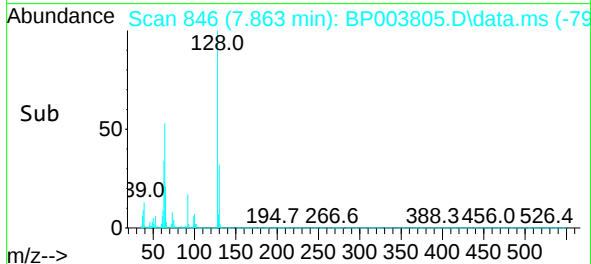
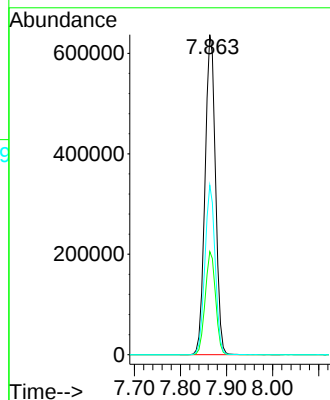
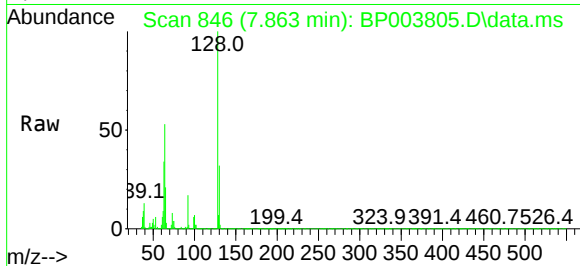




#8
2-Chlorophenol
Concen: 128.08 ng
RT: 7.863 min Scan# 846
Delta R.T. -0.000 min
Lab File: BP003805.D
Acq: 04 Nov 2020 14:28

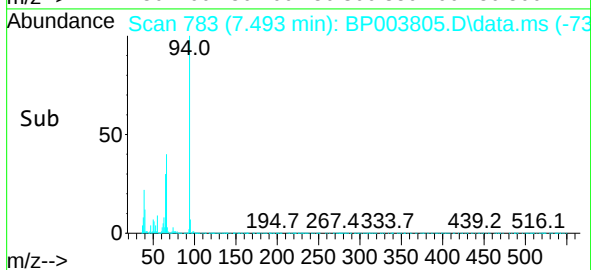
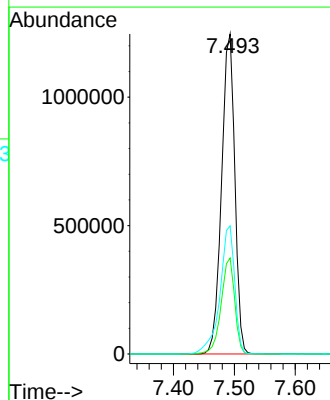
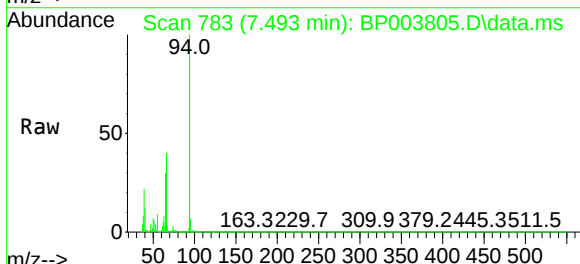
Instrument :
BNA_P
ClientSampleId :

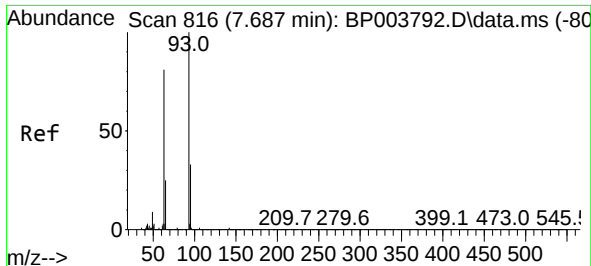
Tgt Ion:128 Resp: 1010153
Ion Ratio Lower Upper
128 100
130 32.2 13.0 53.0
64 52.9 10.4 50.4#



#10
Phenol
Concen: 182.97 ng
RT: 7.493 min Scan# 783
Delta R.T. 0.012 min
Lab File: BP003805.D
Acq: 04 Nov 2020 14:28

Tgt Ion: 94 Resp: 1882681
Ion Ratio Lower Upper
94 100
65 30.0 2.3 42.3
66 40.1 10.9 50.9

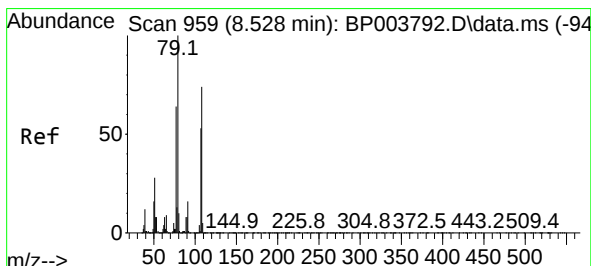
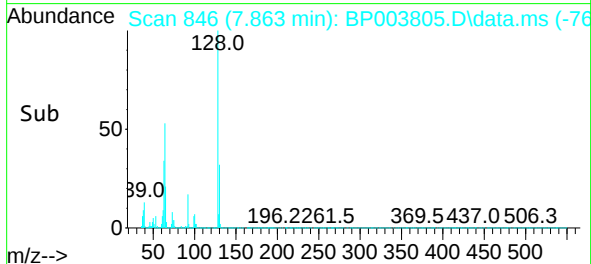
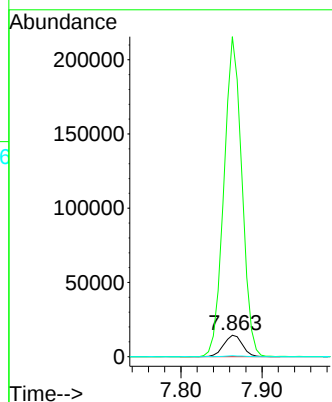
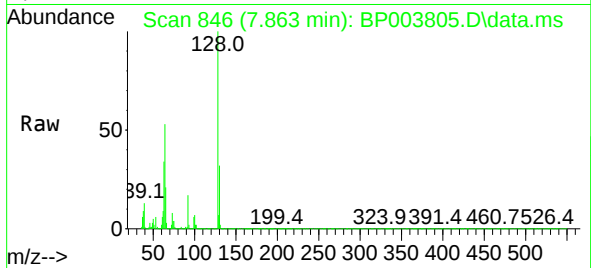




#11
bis(2-Chloroethyl)ether
Concen: 2.81 ng
RT: 7.863 min Scan# 846
Delta R.T. 0.176 min
Lab File: BP003805.D
Acq: 04 Nov 2020 14:28

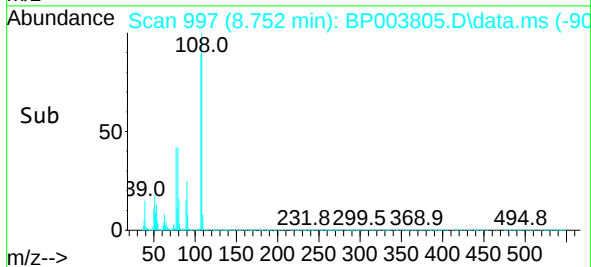
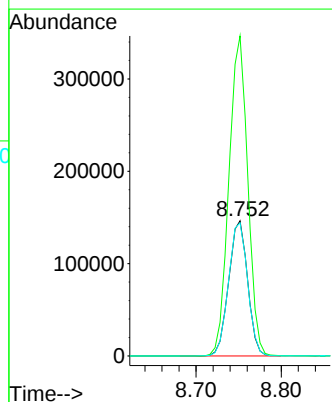
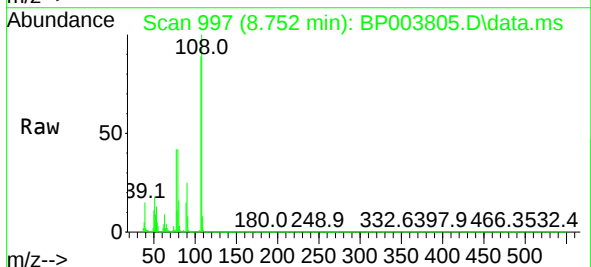
Instrument :
BNA_P
ClientSampled :

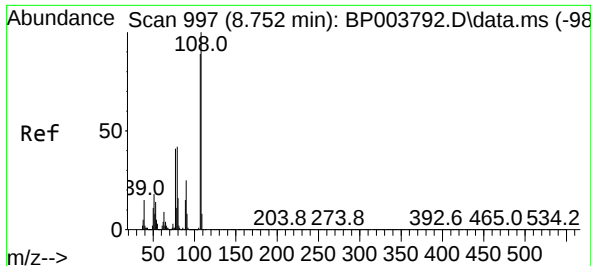
Tgt Ion: 93 Resp: 23218
Ion Ratio Lower Upper
93 100
63 1491.1 39.0 79.0#
95 4.5 12.8 52.8#



#15
Benzyl Alcohol
Concen: 30.56 ng
RT: 8.752 min Scan# 997
Delta R.T. 0.223 min
Lab File: BP003805.D
Acq: 04 Nov 2020 14:28

Tgt Ion: 79 Resp: 225699
Ion Ratio Lower Upper
79 100
108 236.6 73.5 110.3#
77 98.4 50.3 75.5#





#17

2-Methylphenol

Concen: 69.92 ng

RT: 8.752 min Scan# 997

Delta R.T. -0.000 min

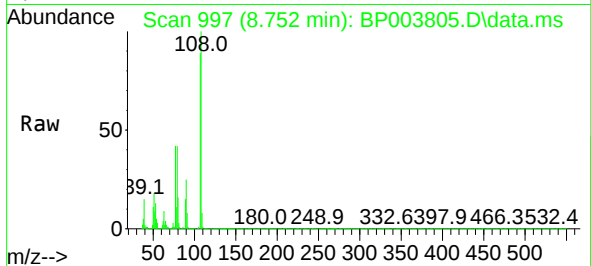
Lab File: BP003805.D

Acq: 04 Nov 2020 14:28

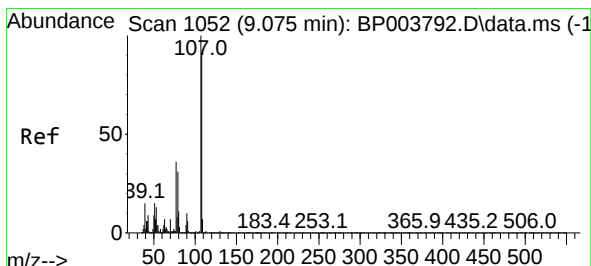
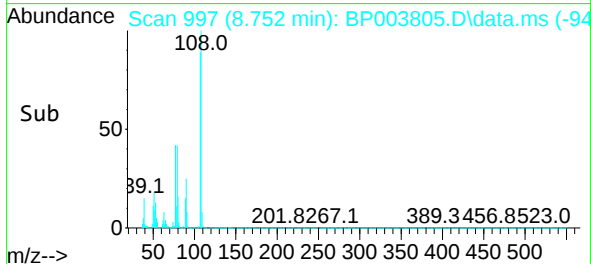
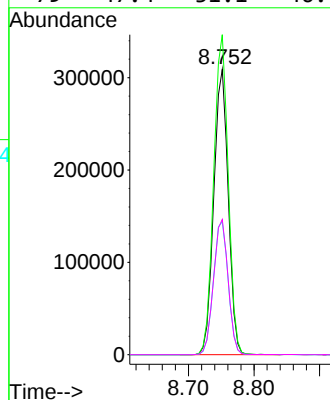
Instrument :

BNA_P

ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
107	100		
108	112.2	89.6	134.4
77	46.7	31.8	47.6
79	47.4	31.1	46.7



#20

3+4-Methylphenols

Concen: 111.32 ng

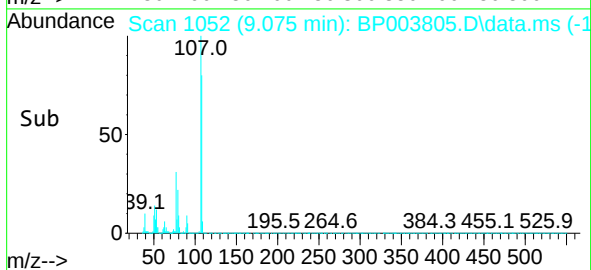
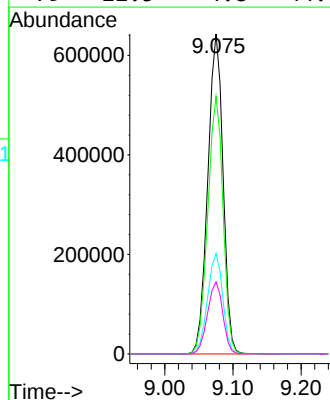
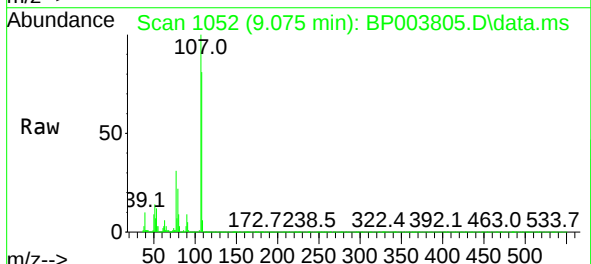
RT: 9.075 min Scan# 1052

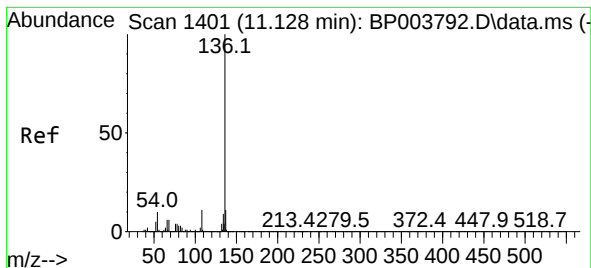
Delta R.T. -0.000 min

Lab File: BP003805.D

Acq: 04 Nov 2020 14:28

Tgt Ion	Ratio	Lower	Upper
107	100		
108	80.5	69.0	109.0
77	31.4	8.5	48.5
79	22.5	4.8	44.8

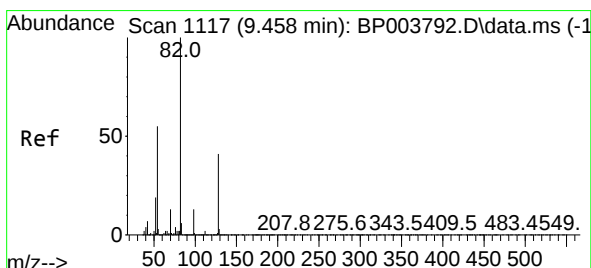
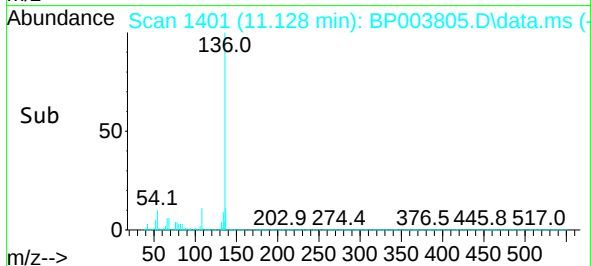
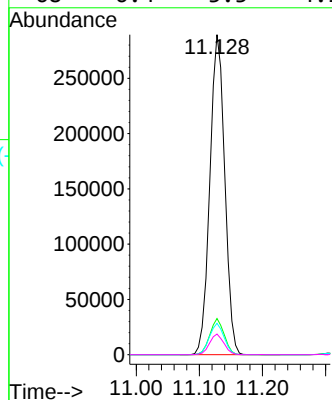
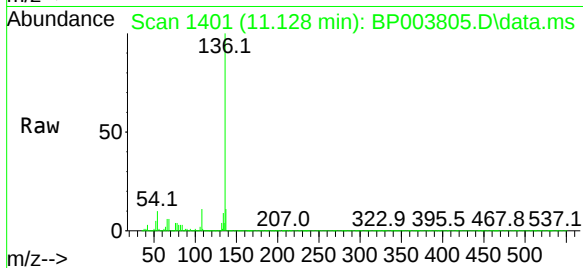




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.128 min Scan# 1401
Delta R.T. -0.000 min
Lab File: BP003805.D
Acq: 04 Nov 2020 14:28

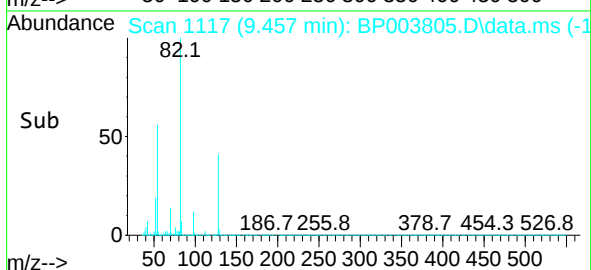
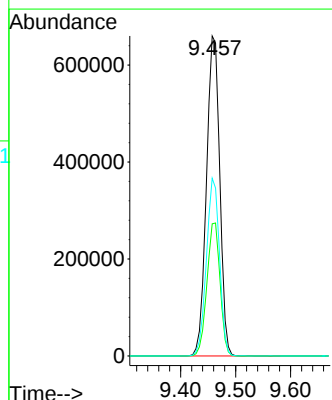
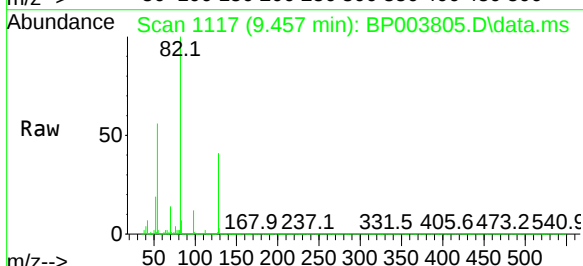
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BNA_P
ClientSampleId :

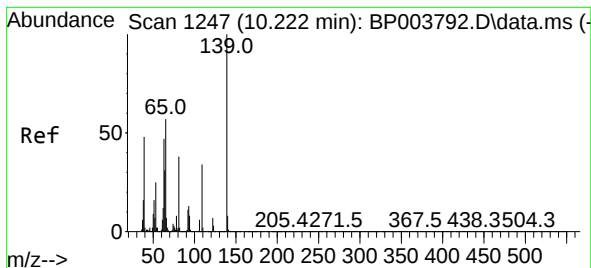
Tgt Ion:	136	Resp:	474215
Ion Ratio	Lower	Upper	
136	100		
137	11.3	8.6	13.0
54	9.8	3.6	5.4#
68	6.4	3.3	4.9#



#23
Nitrobenzene-d5
Concen: 114.33 ng
RT: 9.457 min Scan# 1117
Delta R.T. -0.001 min
Lab File: BP003805.D
Acq: 04 Nov 2020 14:28

Tgt Ion:	82	Resp:	1107038
Ion Ratio	Lower	Upper	
82	100		
128	41.3	45.6	68.4#
54	55.6	30.1	45.1#

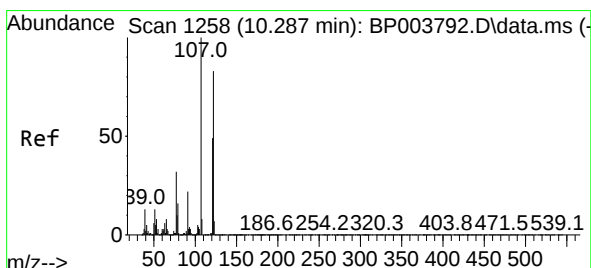
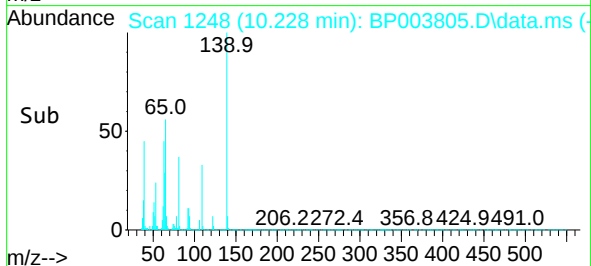
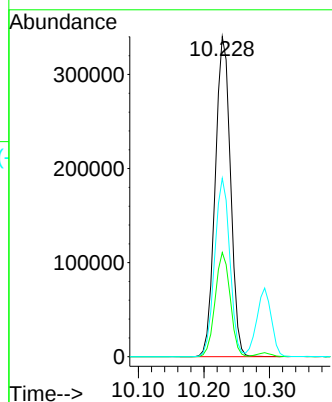
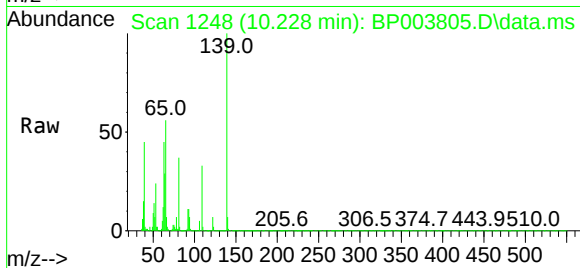




#26
2-Nitrophenol
Concen: 146.36 ng
RT: 10.228 min Scan# 1248
Delta R.T. 0.006 min
Lab File: BP003805.D
Acq: 04 Nov 2020 14:28

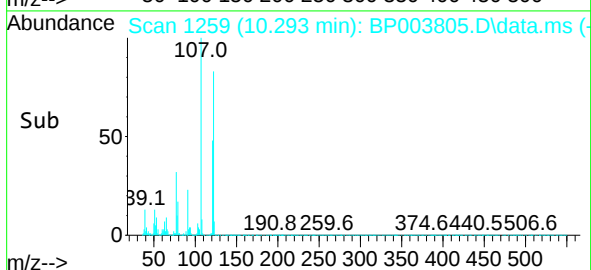
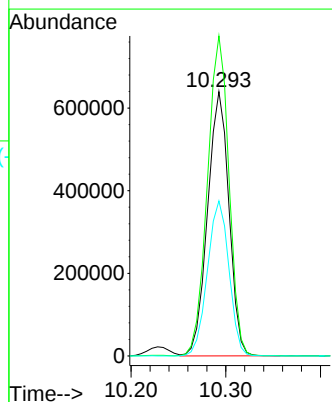
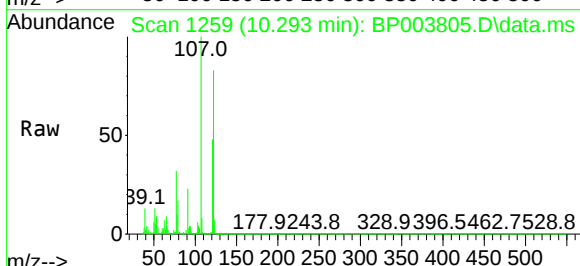
Instrument :
BNA_P
ClientSampled :

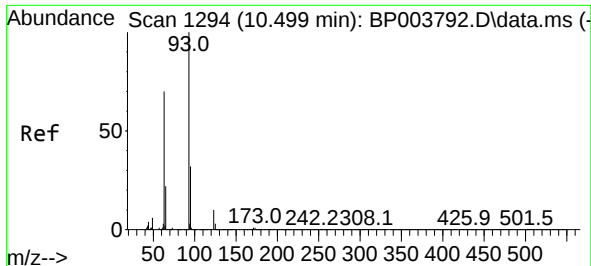
Tgt Ion:139 Resp: 549923
Ion Ratio Lower Upper
139 100
109 32.6 22.1 33.1
65 55.7 26.5 39.7#



#27
2,4-Dimethylphenol
Concen: 160.26 ng
RT: 10.293 min Scan# 1259
Delta R.T. 0.006 min
Lab File: BP003805.D
Acq: 04 Nov 2020 14:28

Tgt Ion:122 Resp: 1004398
Ion Ratio Lower Upper
122 100
107 121.1 87.3 130.9
121 58.6 47.3 70.9

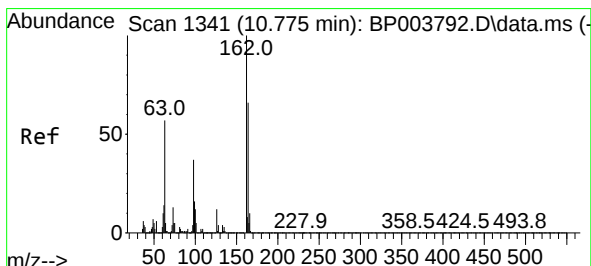
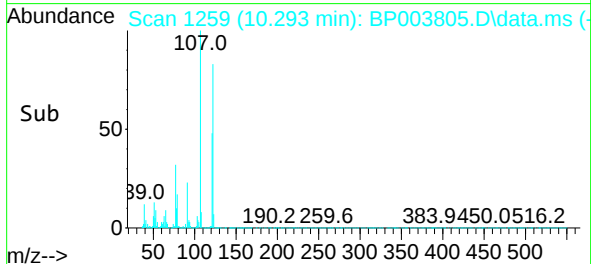
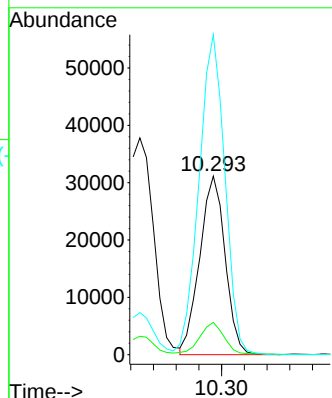
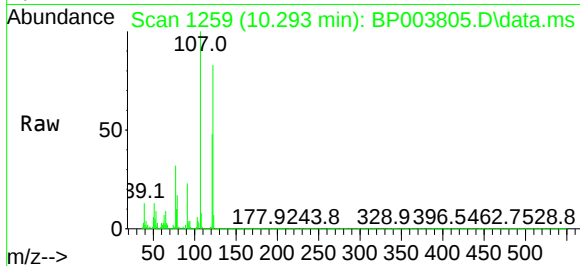




#28
bis(2-Chloroethoxy)methane
Concen: 4.29 ng
RT: 10.293 min Scan# 1259
Delta R.T. -0.206 min
Lab File: BP003805.D
Acq: 04 Nov 2020 14:28

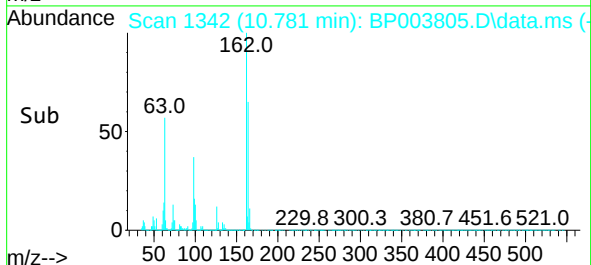
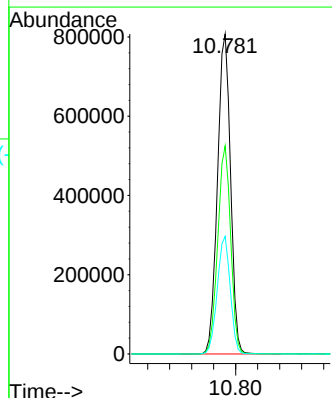
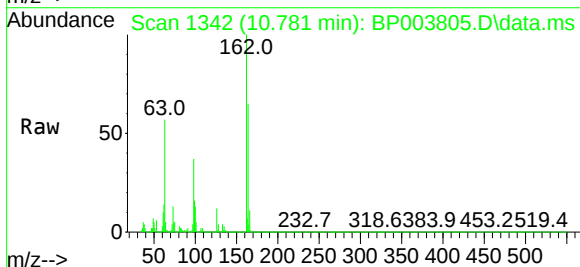
Instrument :
BNA_P
ClientSampled :

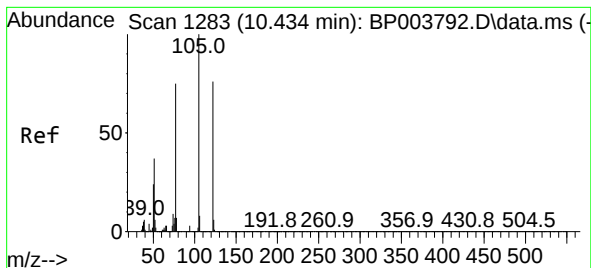
Tgt Ion: 93 Resp: 48366
Ion Ratio Lower Upper
93 100
95 18.1 26.7 40.1#
123 179.2 10.5 15.7#



#29
2,4-Dichlorophenol
Concen: 176.39 ng
RT: 10.781 min Scan# 1342
Delta R.T. 0.006 min
Lab File: BP003805.D
Acq: 04 Nov 2020 14:28

Tgt Ion:162 Resp: 1332131
Ion Ratio Lower Upper
162 100
164 65.0 45.8 85.8
98 36.7 10.2 50.2

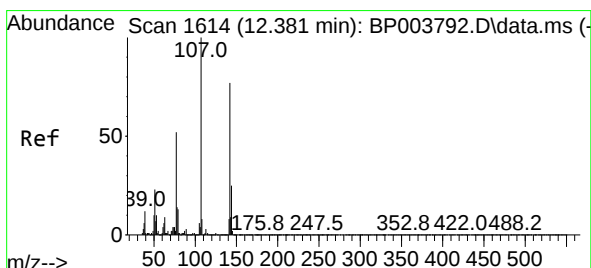
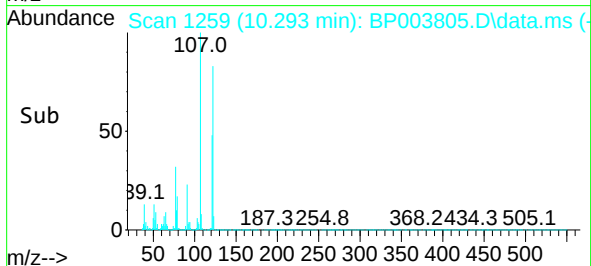
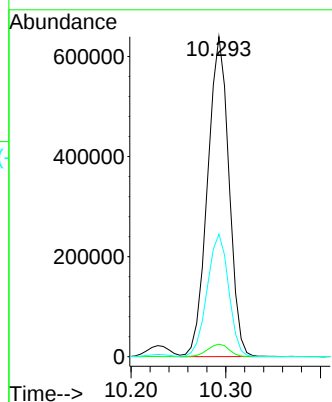
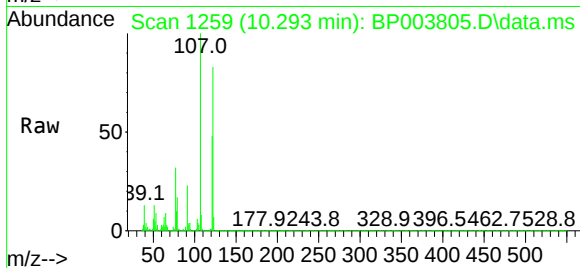




#32
Benzoic acid
Concen: 197.07 ng
RT: 10.293 min Scan# 1259
Delta R.T. -0.141 min
Lab File: BP003805.D
Acq: 04 Nov 2020 14:28

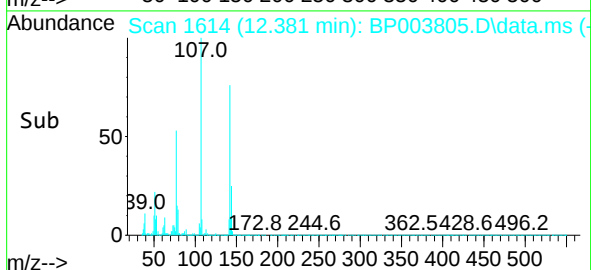
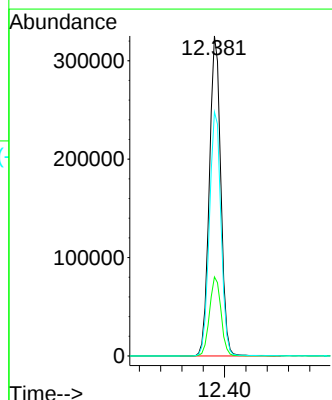
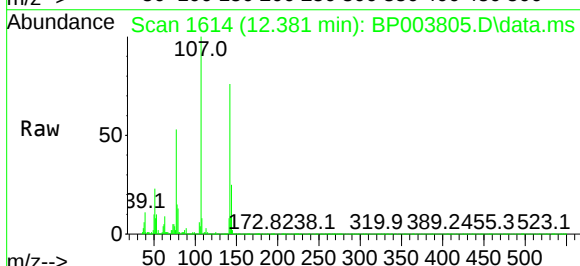
Instrument :
BNA_P
ClientSampleId :

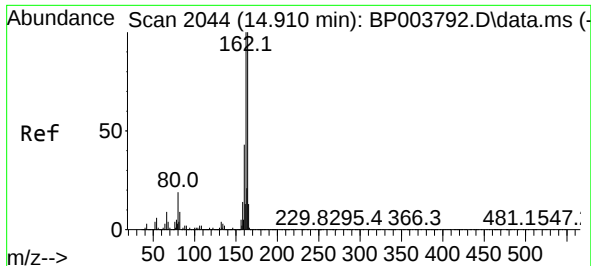
Tgt Ion:122 Resp: 1004398
Ion Ratio Lower Upper
122 100
105 3.9 94.1 134.1#
77 38.3 50.1 90.1#



#36
4-Chloro-3-methylphenol
Concen: 59.36 ng
RT: 12.381 min Scan# 1614
Delta R.T. -0.000 min
Lab File: BP003805.D
Acq: 04 Nov 2020 14:28

Tgt Ion:107 Resp: 483918
Ion Ratio Lower Upper
107 100
144 24.7 22.7 34.1
142 76.2 70.7 106.1

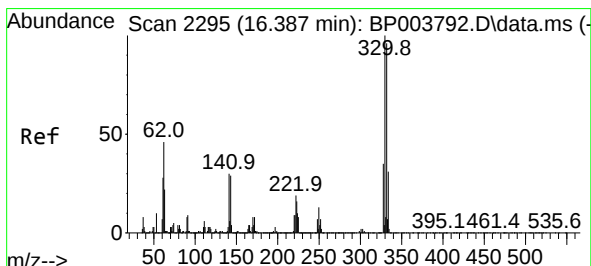
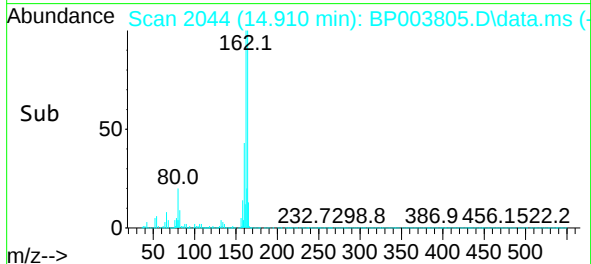
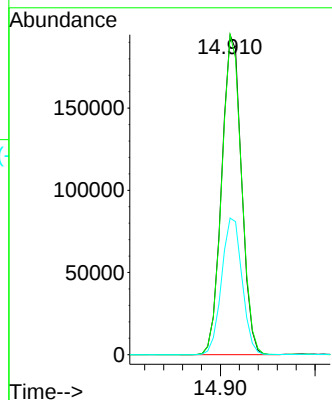
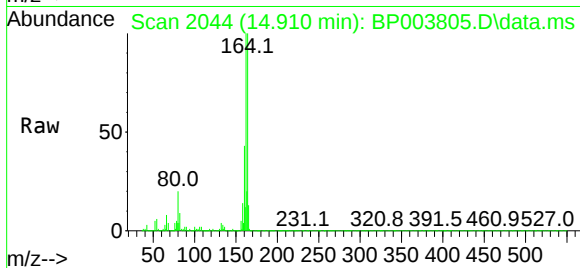




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.910 min Scan# 2044
Delta R.T. 0.000 min
Lab File: BP003805.D
Acq: 04 Nov 2020 14:28

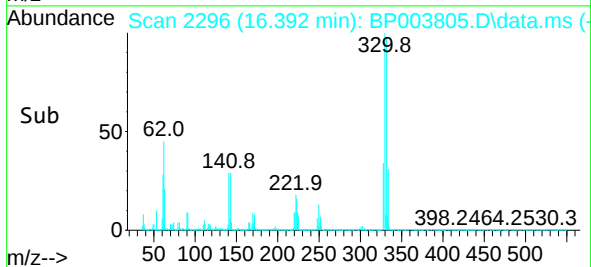
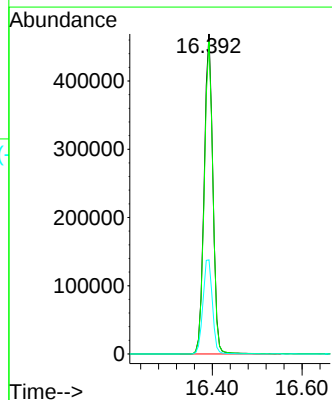
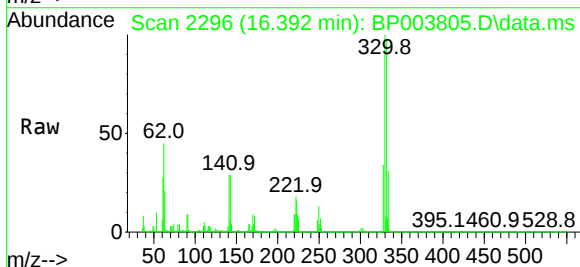
Instrument :
BNA_P
ClientSampled :

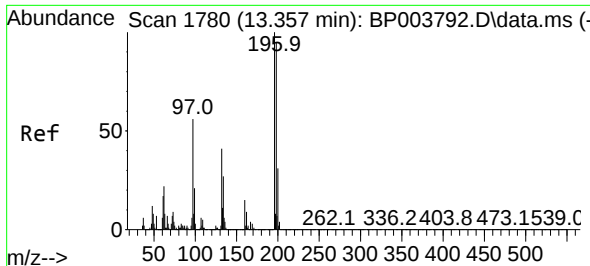
Tgt Ion:164 Resp: 282929
Ion Ratio Lower Upper
164 100
162 100.1 79.4 119.2
160 42.7 36.1 54.1



#42
2,4,6-Tribromophenol
Concen: 178.03 ng
RT: 16.392 min Scan# 2296
Delta R.T. 0.005 min
Lab File: BP003805.D
Acq: 04 Nov 2020 14:28

Tgt Ion:330 Resp: 630001
Ion Ratio Lower Upper
330 100
332 97.0 77.1 115.7
141 31.8 23.4 35.2

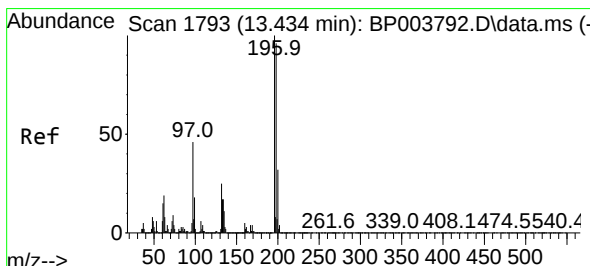
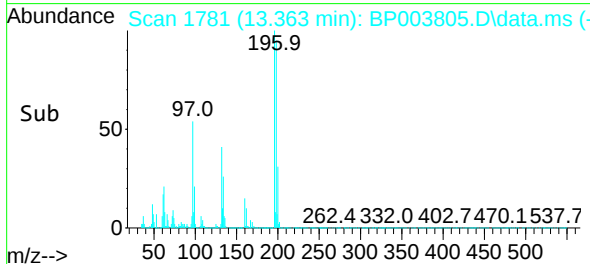
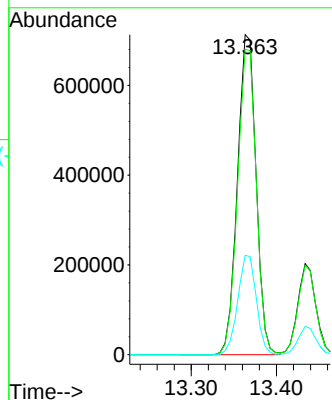
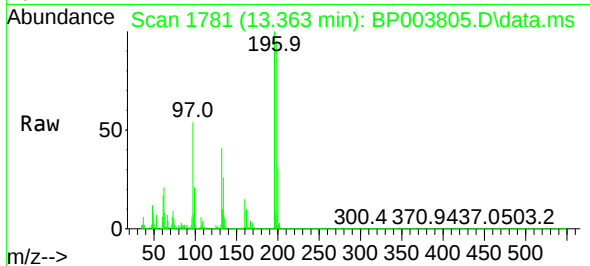




#43
2,4,6-Trichlorophenol
Concen: 186.83 ng
RT: 13.363 min Scan# 1781
Delta R.T. 0.006 min
Lab File: BP003805.D
Acq: 04 Nov 2020 14:28

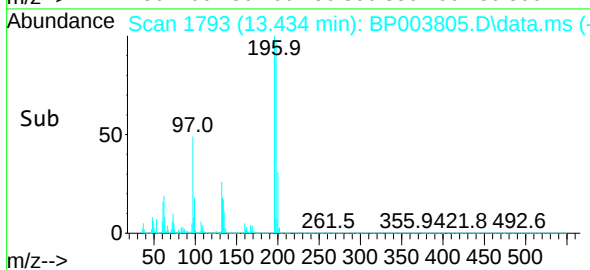
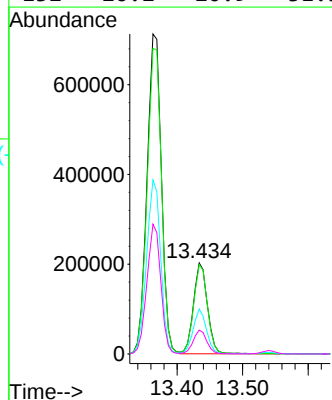
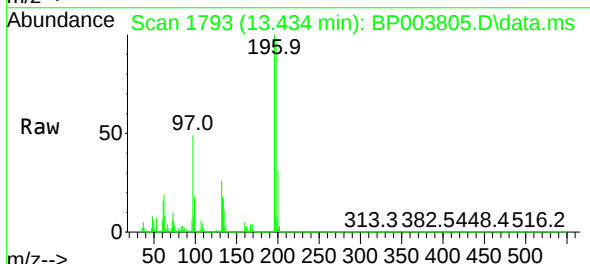
Instrument :
BNA_P
ClientSampleId :

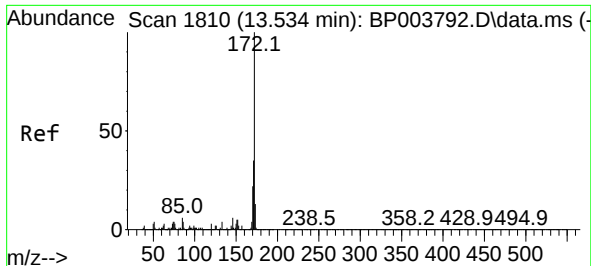
Tgt Ion:196 Resp: 1081472
Ion Ratio Lower Upper
196 100
198 95.5 77.0 115.6
200 31.0 25.1 37.7



#44
2,4,5-Trichlorophenol
Concen: 49.15 ng
RT: 13.434 min Scan# 1793
Delta R.T. -0.000 min
Lab File: BP003805.D
Acq: 04 Nov 2020 14:28

Tgt Ion:196 Resp: 299530
Ion Ratio Lower Upper
196 100
198 98.0 77.3 115.9
97 49.4 31.0 46.4#
132 26.2 20.9 31.3

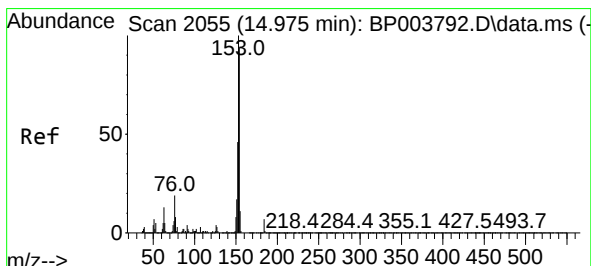
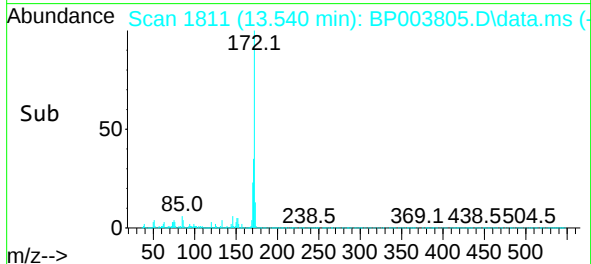
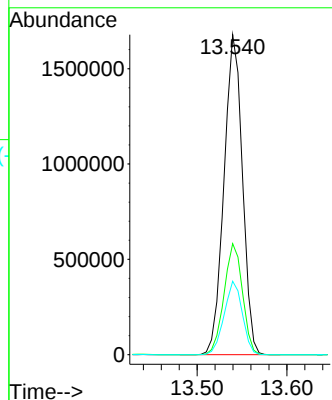
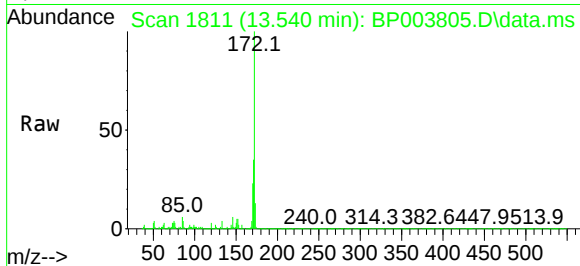




#45
2-Fluorobiphenyl
Concen: 118.28 ng
RT: 13.540 min Scan# 1811
Delta R.T. 0.006 min
Lab File: BP003805.D
Acq: 04 Nov 2020 14:28

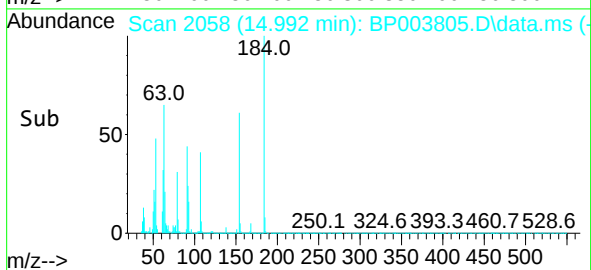
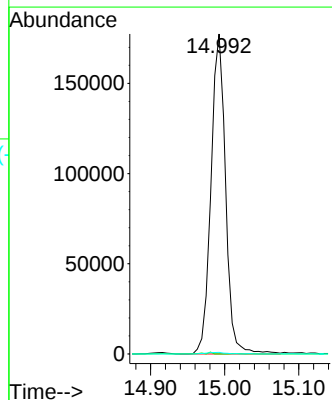
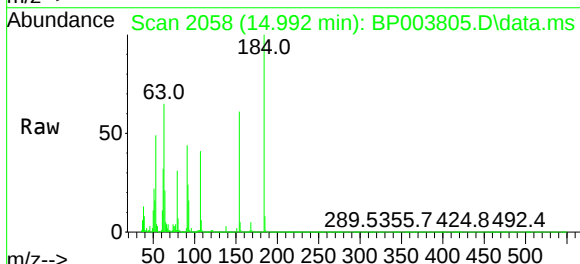
Instrument :
BNA_P
ClientSampled :

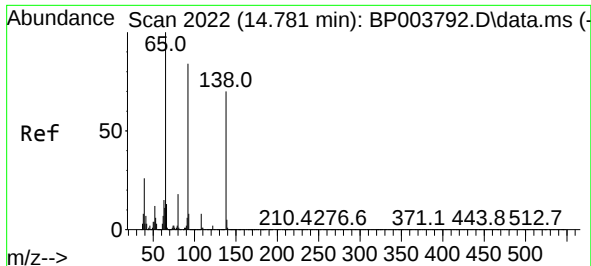
Tgt Ion:172 Resp: 2393682
Ion Ratio Lower Upper
172 100
171 34.7 28.5 42.7
170 23.0 19.2 28.8



#52
Acenaphthene
Concen: 13.75 ng
RT: 14.992 min Scan# 2058
Delta R.T. 0.018 min
Lab File: BP003805.D
Acq: 04 Nov 2020 14:28

Tgt Ion:154 Resp: 242322
Ion Ratio Lower Upper
154 100
153 0.0 91.0 136.6#
152 0.5 43.0 64.6#

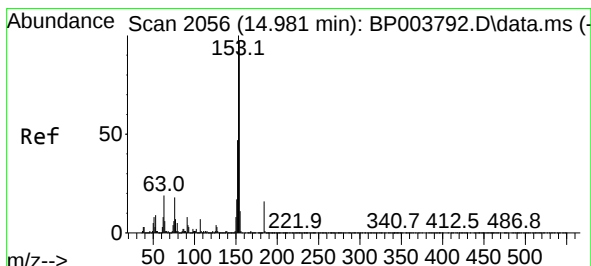
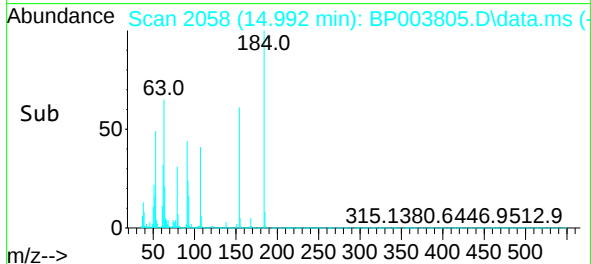
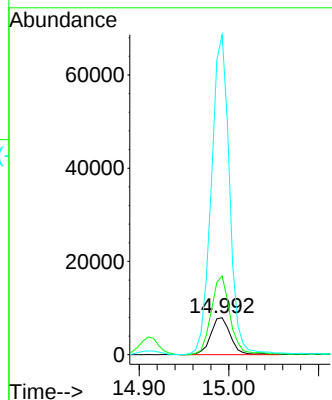
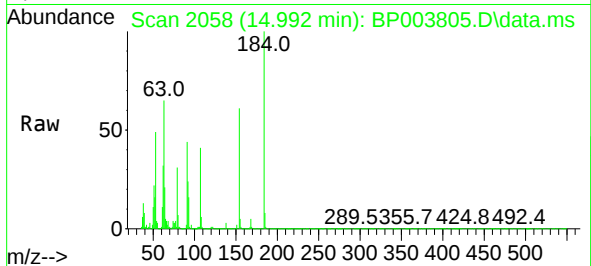




#53
3-Nitroaniline
Concen: 2.42 ng
RT: 14.992 min Scan# 2058
Delta R.T. 0.212 min
Lab File: BP003805.D
Acq: 04 Nov 2020 14:28

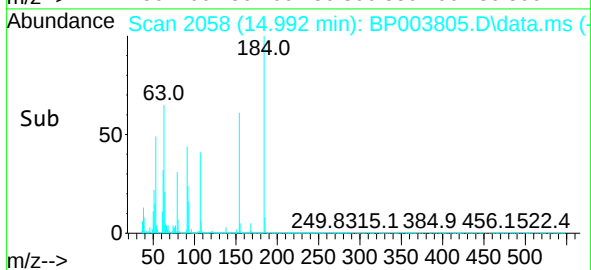
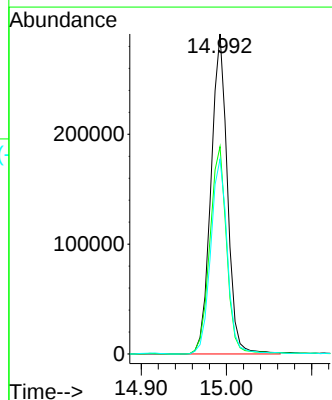
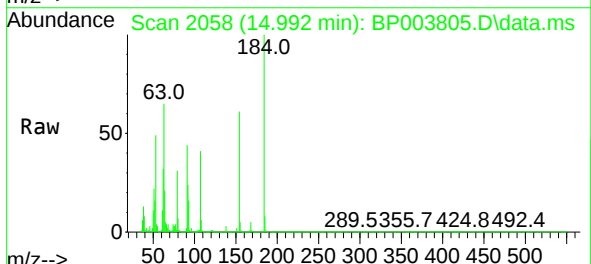
Instrument :
BNA_P
ClientSampled :

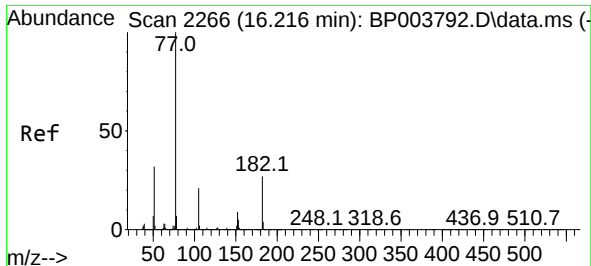
Tgt Ion:138 Resp: 12147
Ion Ratio Lower Upper
138 100
108 213.2 7.5 11.3#
92 866.2 75.0 112.6#



#54
2,4-Dinitrophenol
Concen: 123.79 ng
RT: 14.992 min Scan# 2058
Delta R.T. 0.011 min
Lab File: BP003805.D
Acq: 04 Nov 2020 14:28

Tgt Ion:184 Resp: 390334
Ion Ratio Lower Upper
184 100
63 64.8 32.3 48.5#
154 60.9 49.1 73.7

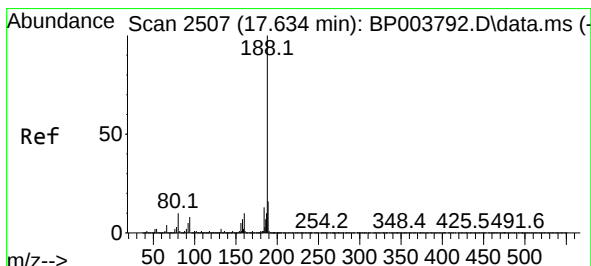
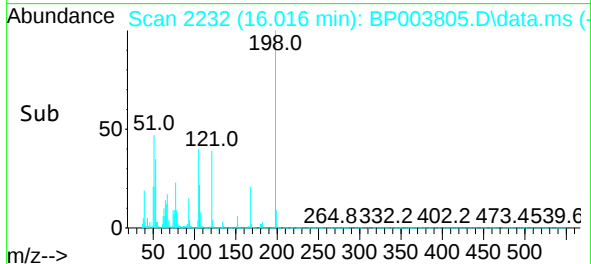
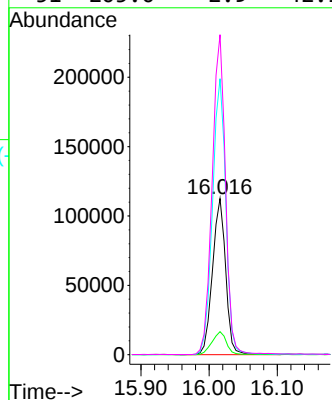
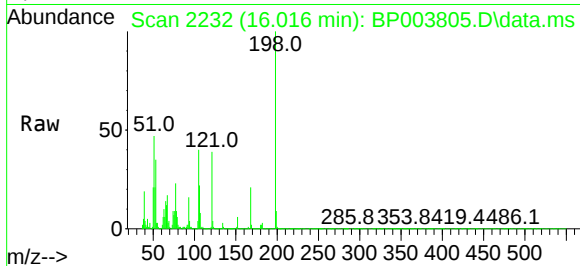




#63
Azobenzene
Concen: 7.42 ng
RT: 16.016 min Scan# 2232
Delta R.T. -0.200 min
Lab File: BP003805.D
Acq: 04 Nov 2020 14:28

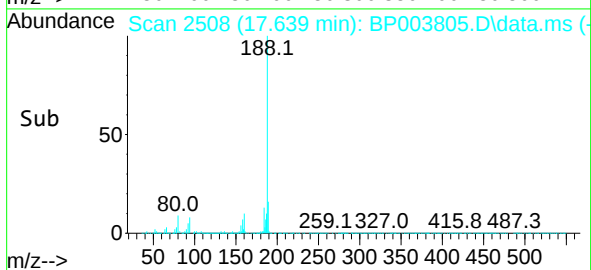
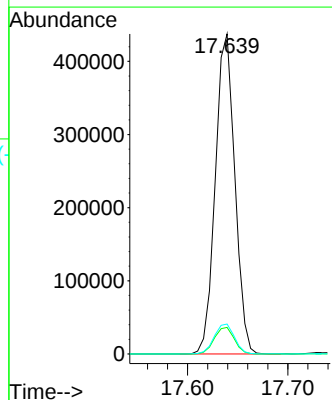
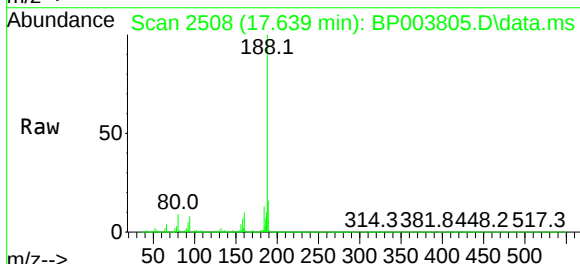
Instrument :
BNA_P
ClientSampleId :

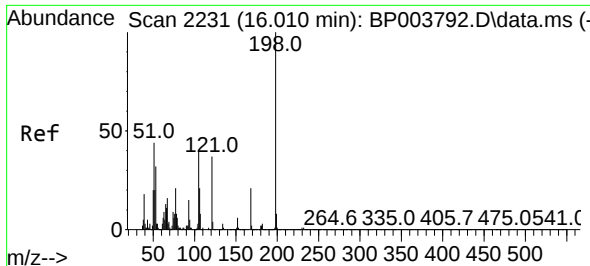
Tgt Ion: 77	Resp: 151641
Ion Ratio	Lower Upper
77 100	
182 14.8	16.9 56.9#
105 176.8	5.6 45.6#
51 205.0	2.9 42.9#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.639 min Scan# 2508
Delta R.T. 0.005 min
Lab File: BP003805.D
Acq: 04 Nov 2020 14:28

Tgt Ion: 188	Resp: 591502
Ion Ratio	Lower Upper
188 100	
94 8.3	6.2 9.2
80 9.3	6.2 9.2#

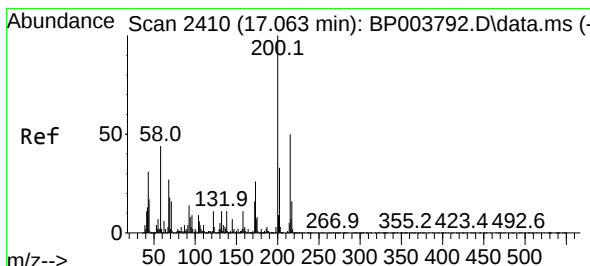
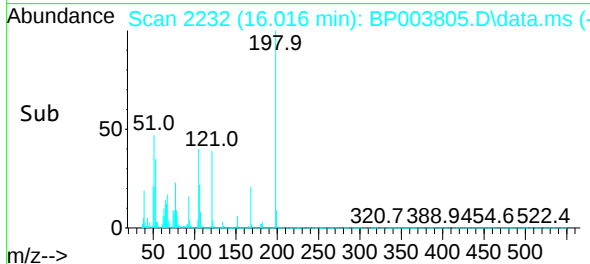
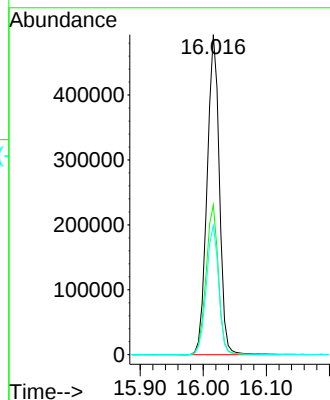
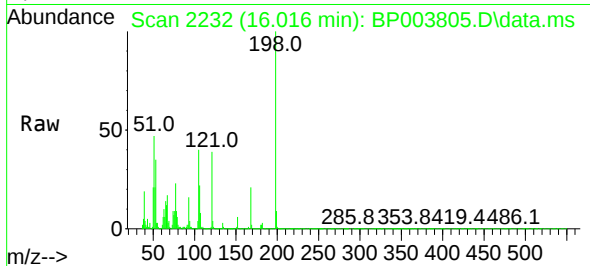




#65
4,6-Dinitro-2-methylphenol
Concen: 187.76 ng
RT: 16.016 min Scan# 2232
Delta R.T. 0.006 min
Lab File: BP003805.D
Acq: 04 Nov 2020 14:28

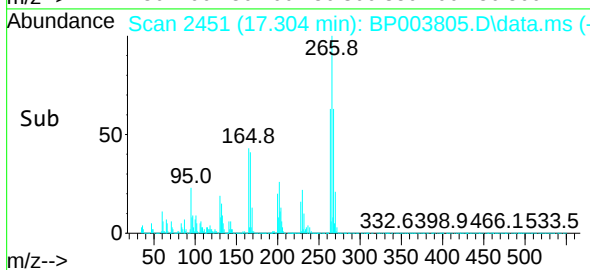
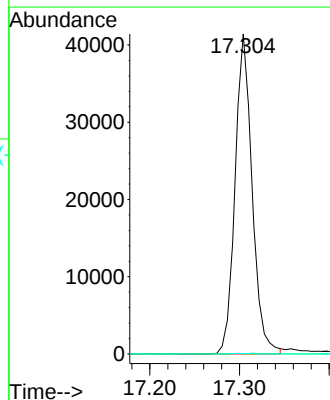
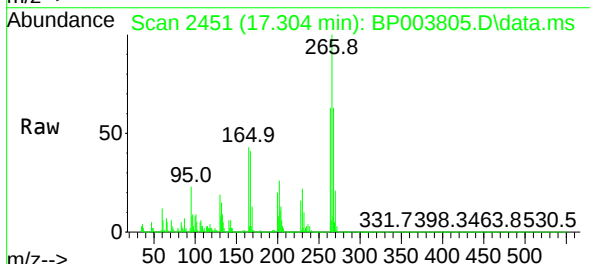
Instrument :
BNA_P
ClientSampled :

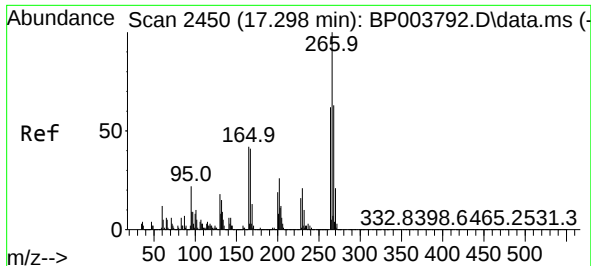
Tgt Ion:198 Resp: 665721
Ion Ratio Lower Upper
198 100
51 46.8 6.4 46.4#
105 40.4 18.9 58.9



#69
Atrazine
Concen: 9.19 ng
RT: 17.304 min Scan# 2451
Delta R.T. 0.241 min
Lab File: BP003805.D
Acq: 04 Nov 2020 14:28

Tgt Ion:200 Resp: 54640
Ion Ratio Lower Upper
200 100
173 0.1 5.9 45.9#
215 0.1 28.4 68.4#

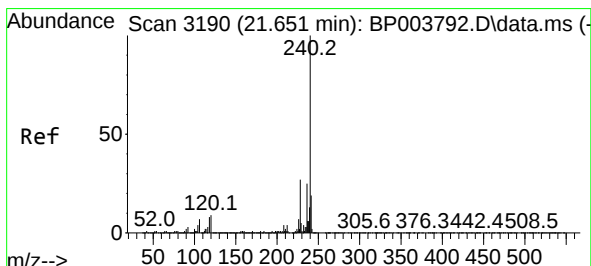
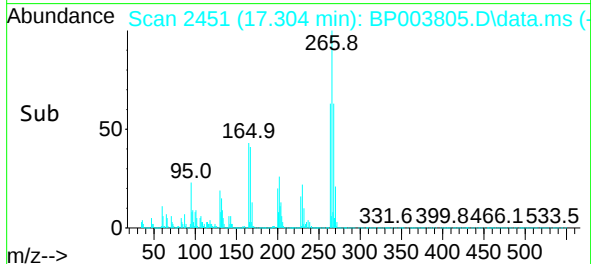
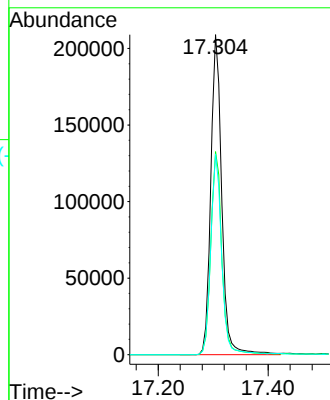
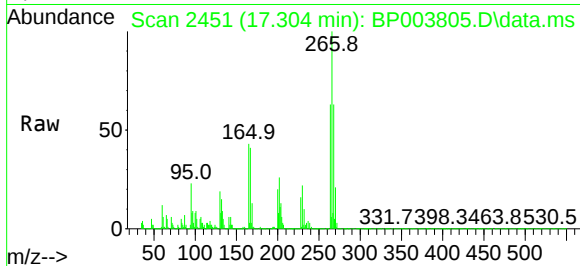




#70
 Pentachlorophenol
 Concen: 76.37 ng
 RT: 17.304 min Scan# 2451
 Delta R.T. 0.006 min
 Lab File: BP003805.D
 Acq: 04 Nov 2020 14:28

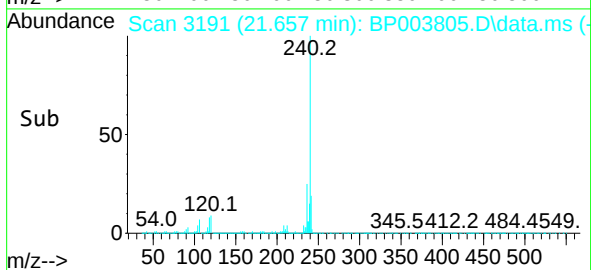
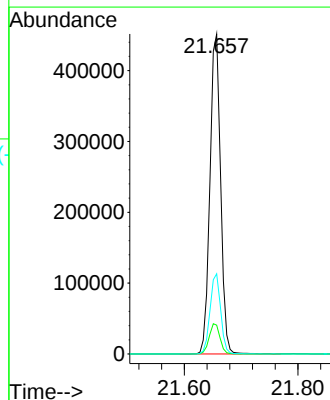
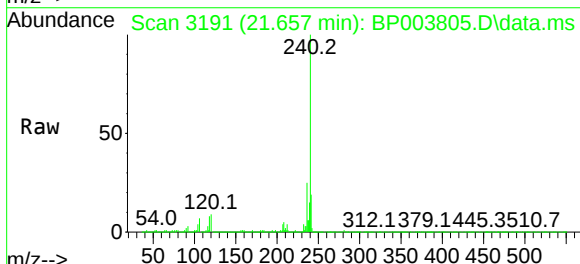
Instrument :
 BNA_P
 ClientSampled :

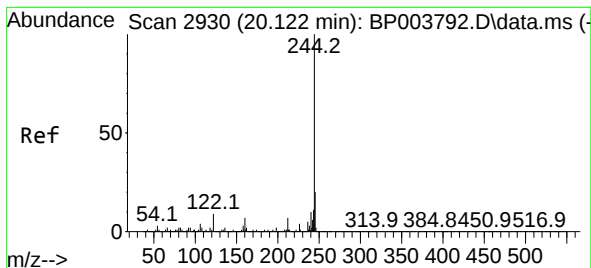
Tgt Ion:266 Resp: 288484
 Ion Ratio Lower Upper
 266 100
 268 63.4 51.1 76.7
 264 62.8 50.6 76.0



#76
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.657 min Scan# 3191
 Delta R.T. 0.006 min
 Lab File: BP003805.D
 Acq: 04 Nov 2020 14:28

Tgt Ion:240 Resp: 584617
 Ion Ratio Lower Upper
 240 100
 120 9.0 7.8 11.6
 236 25.1 20.8 31.2

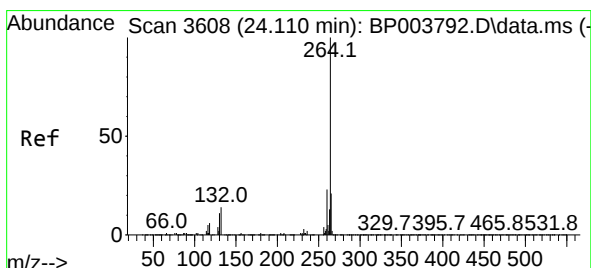
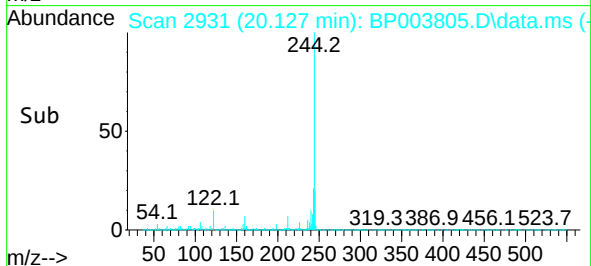
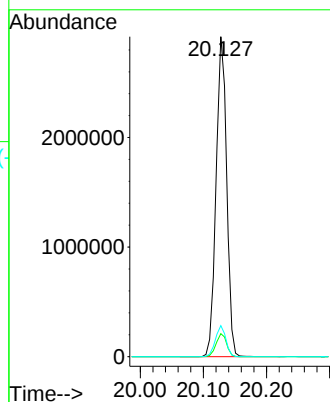
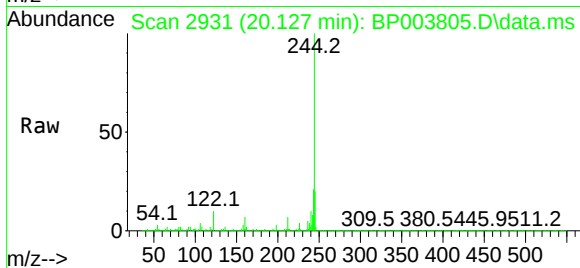




#79
Terphenyl-d14
Concen: 112.20 ng
RT: 20.127 min Scan# 2931
Delta R.T. 0.005 min
Lab File: BP003805.D
Acq: 04 Nov 2020 14:28

Instrument :
BNA_P
ClientSampled :

Tgt Ion:244 Resp: 3395085
Ion Ratio Lower Upper
244 100
212 7.2 5.8 8.6
122 9.7 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: BP003805.D
Acq: 04 Nov 2020 14:28

Tgt Ion:264 Resp: 584134
Ion Ratio Lower Upper
264 100
260 23.7 18.8 28.2
265 22.4 17.4 26.2

