

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110420\
 Data File : BP003806.D
 Acq On : 04 Nov 2020 15:15
 Operator : CG/JU
 Sample : L3971-06DL 5X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Nov 05 14:55:45 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)

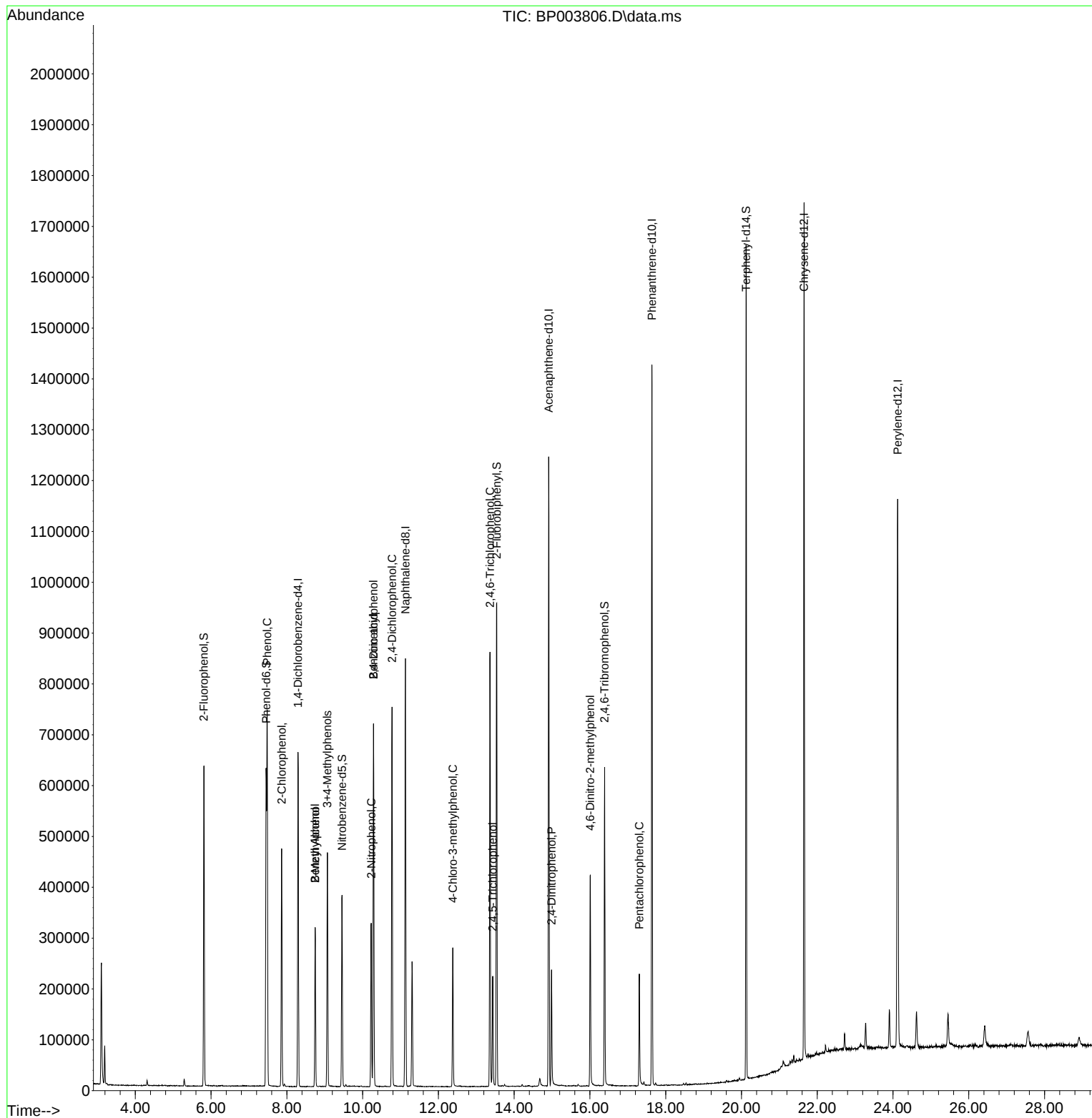
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.293	152	171269	20.00	ng	0.00
21) Naphthalene-d8	11.128	136	661987	20.00	ng	# 0.00
39) Acenaphthene-d10	14.910	164	401411	20.00	ng	0.00
64) Phenanthrene-d10	17.634	188	835817	20.00	ng	# 0.00
76) Chrysene-d12	21.651	240	821387	20.00	ng	0.00
86) Perylene-d12	24.122	264	833620	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.811	112	246891	24.06	ng	0.00
7) Phenol-d6	7.452	99	321344	21.81	ng	0.00
23) Nitrobenzene-d5	9.458	82	205664	15.22	ng	0.00
42) 2,4,6-Tribromophenol	16.387	330	108880	21.69	ng	0.00
45) 2-Fluorobiphenyl	13.540	172	487394	16.97	ng	0.00
79) Terphenyl-d14	20.122	244	678889	15.97	ng	0.00
Target Compounds						Qvalue
8) 2-Chlorophenol	7.864	128	194441	17.85	ng	# 81
9) Benzaldehyde	7.475	77	4253	Below Cal		# 1
10) Phenol	7.481	94	367296	25.84	ng	84
15) Benzyl Alcohol	8.746	79	42115	4.13	ng	# 1
17) 2-Methylphenol	8.746	107	86564	9.27	ng	# 92
20) 3+4-Methylphenols	9.069	107	189189	15.19	ng	92
26) 2-Nitrophenol	10.228	139	93153	17.76	ng	# 74
27) 2,4-Dimethylphenol	10.287	122	193512	22.12	ng	92
29) 2,4-Dichlorophenol	10.775	162	250433	23.75	ng	96
32) Benzoic acid	10.287	122	193512	34.36	ng	# 22
36) 4-Chloro-3-methylphenol	12.381	107	84594	7.43	ng	95
43) 2,4,6-Trichlorophenol	13.363	196	198038	24.11	ng	100
44) 2,4,5-Trichlorophenol	13.434	196	55048	6.37	ng	97
54) 2,4-Dinitrophenol	14.987	184	45631	20.29	ng	# 82
65) 4,6-Dinitro-2-methylph...	16.010	198	87518	23.22	ng	# 79
70) Pentachlorophenol	17.304	266	39858	7.47	ng	99

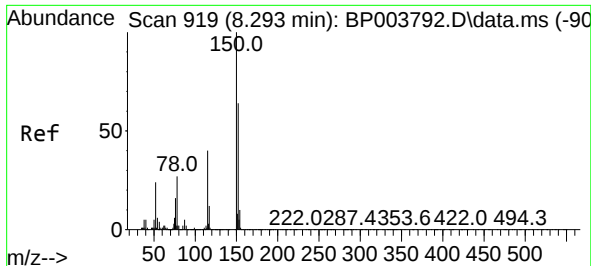
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Nov 05 14:55:45 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

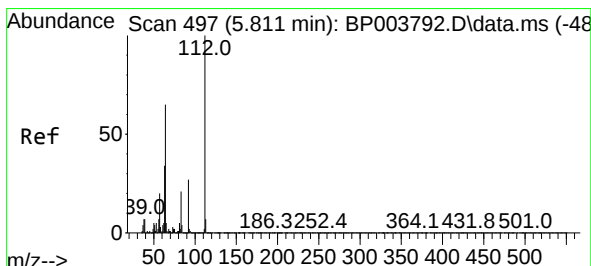
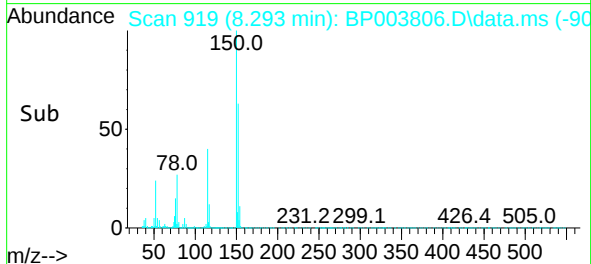
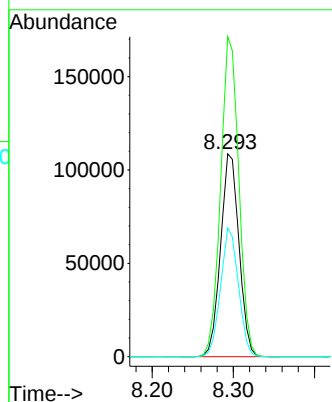
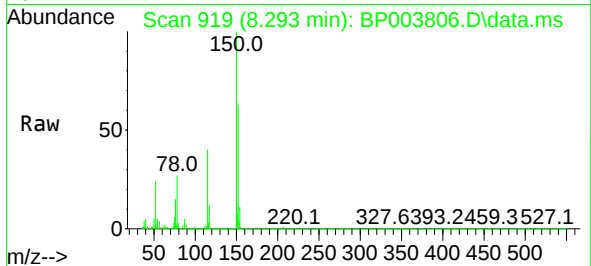




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.293 min Scan# 919
Delta R.T. -0.000 min
Lab File: BP003806.D
Acq: 04 Nov 2020 15:15

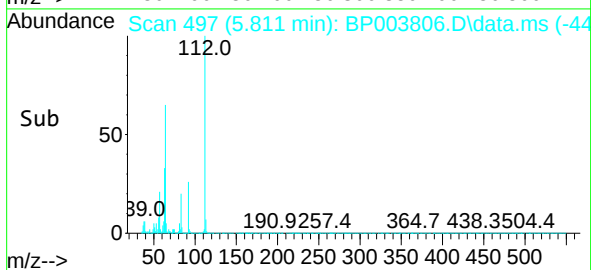
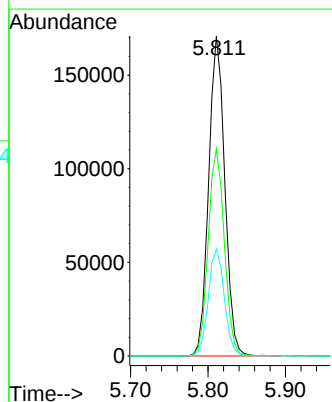
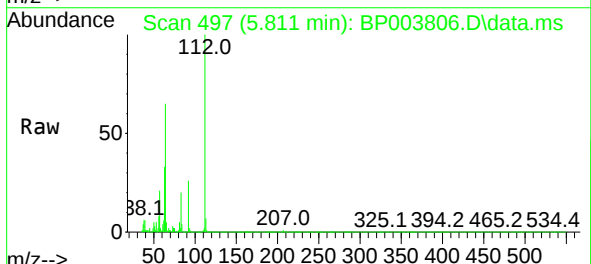
Instrument :
BNA_P
ClientSampled :

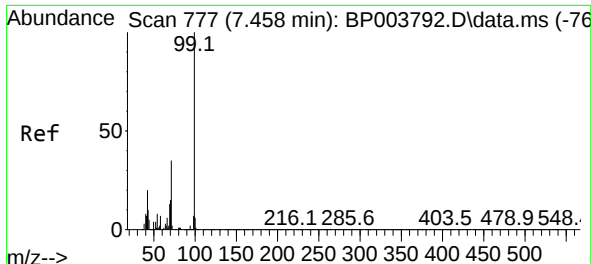
Tgt Ion:152 Resp: 171269
Ion Ratio Lower Upper
152 100
150 157.7 123.8 185.6
115 63.5 43.8 65.6



#5
2-Fluorophenol
Concen: 24.06 ng
RT: 5.811 min Scan# 497
Delta R.T. -0.000 min
Lab File: BP003806.D
Acq: 04 Nov 2020 15:15

Tgt Ion:112 Resp: 246891
Ion Ratio Lower Upper
112 100
64 64.8 32.8 49.2#
63 33.4 17.0 25.4#

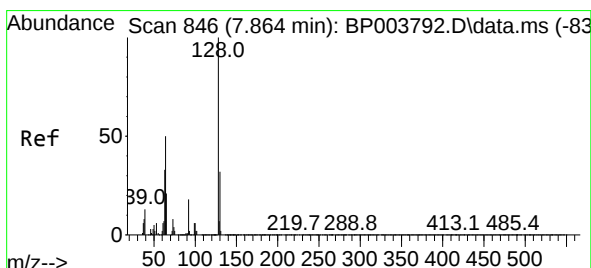
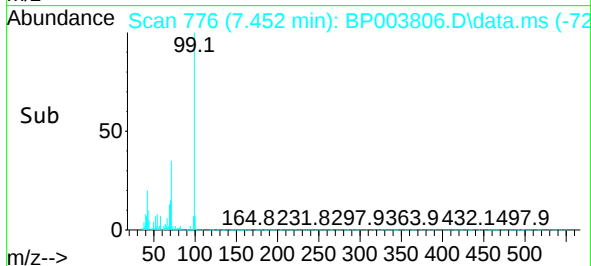
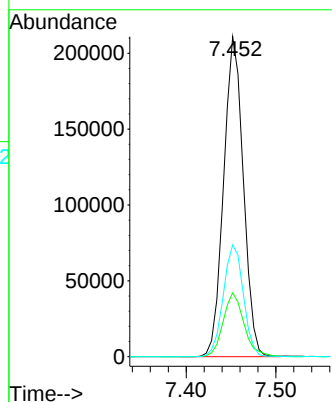
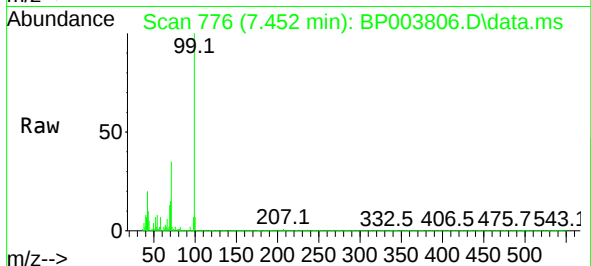




#7
Phenol-d6
Concen: 21.81 ng
RT: 7.452 min Scan# 776
Delta R.T. -0.006 min
Lab File: BP003806.D
Acq: 04 Nov 2020 15:15

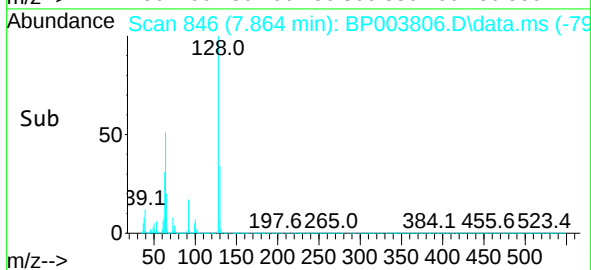
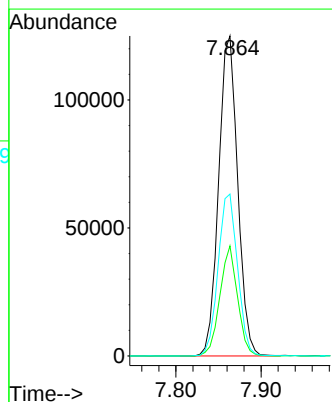
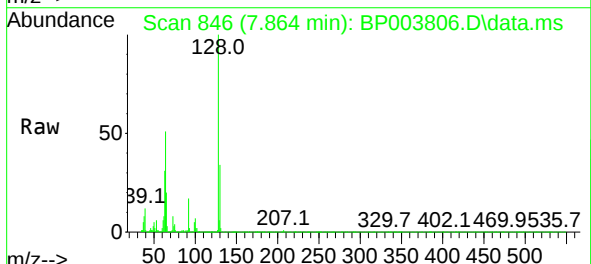
Instrument :
BNA_P
ClientSampled :

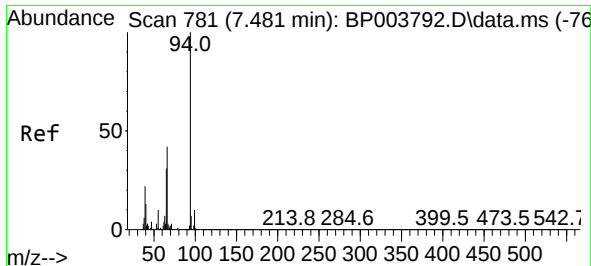
Tgt Ion: 99 Resp: 321344
Ion Ratio Lower Upper
99 100
42 20.0 8.6 13.0#
71 35.0 23.4 35.2



#8
2-Chlorophenol
Concen: 17.85 ng
RT: 7.864 min Scan# 846
Delta R.T. 0.000 min
Lab File: BP003806.D
Acq: 04 Nov 2020 15:15

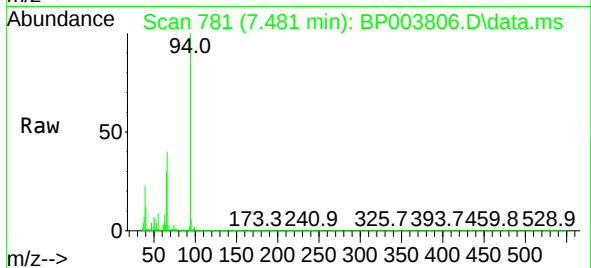
Tgt Ion: 128 Resp: 194441
Ion Ratio Lower Upper
128 100
130 34.4 13.0 53.0
64 50.6 10.4 50.4#



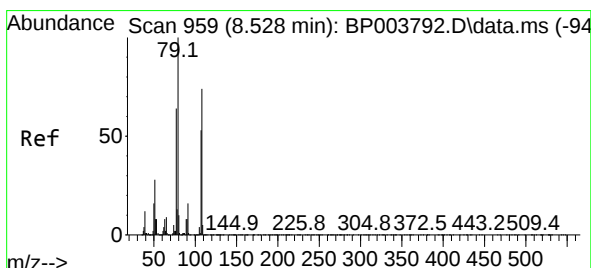
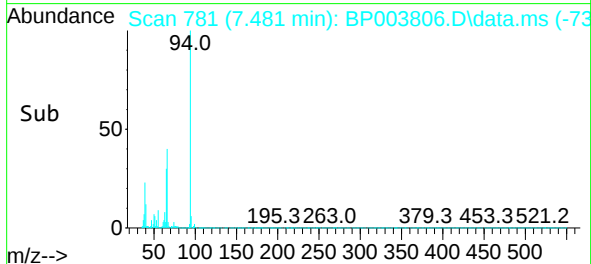
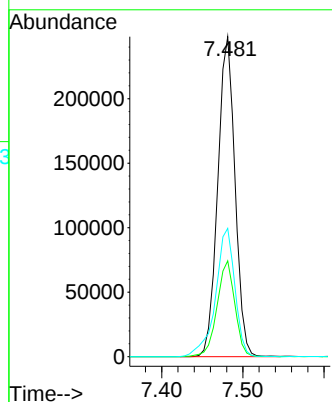


#10
Phenol
Concen: 25.84 ng
RT: 7.481 min Scan# 781
Delta R.T. 0.000 min
Lab File: BP003806.D
Acq: 04 Nov 2020 15:15

Instrument :
BNA_P
ClientSampled :

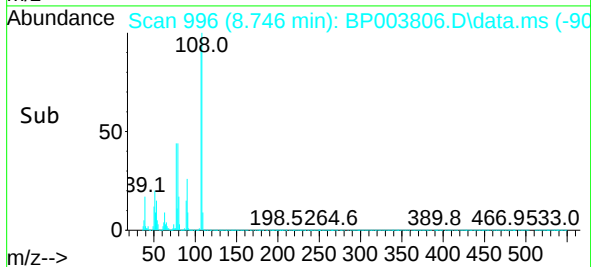
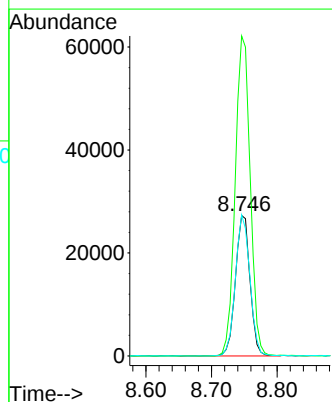
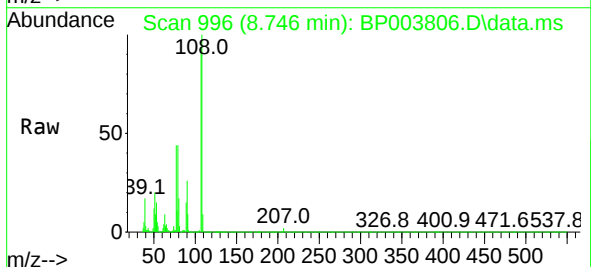


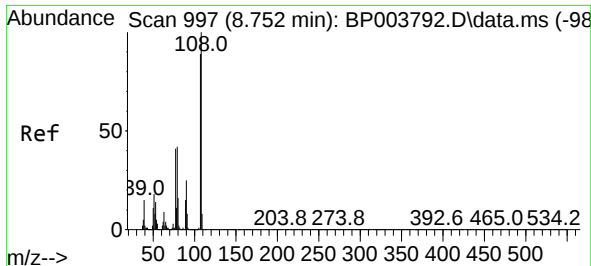
Tgt Ion: 94 Resp: 367296
Ion Ratio Lower Upper
94 100
65 30.0 2.3 42.3
66 40.1 10.9 50.9



#15
Benzyl Alcohol
Concen: 4.13 ng
RT: 8.746 min Scan# 996
Delta R.T. 0.218 min
Lab File: BP003806.D
Acq: 04 Nov 2020 15:15

Tgt Ion: 79 Resp: 42115
Ion Ratio Lower Upper
79 100
108 227.7 73.5 110.3#
77 100.4 50.3 75.5#





#17

2-Methylphenol

Concen: 9.27 ng

RT: 8.746 min Scan# 996

Delta R.T. -0.006 min

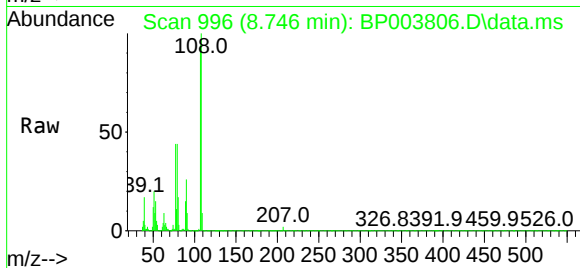
Lab File: BP003806.D

Acq: 04 Nov 2020 15:15

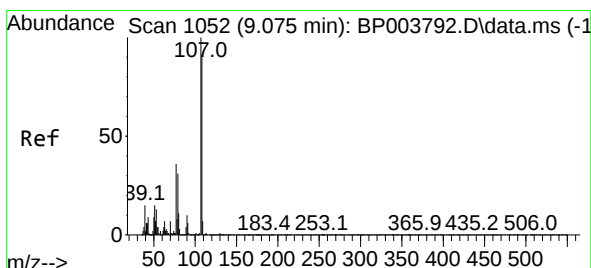
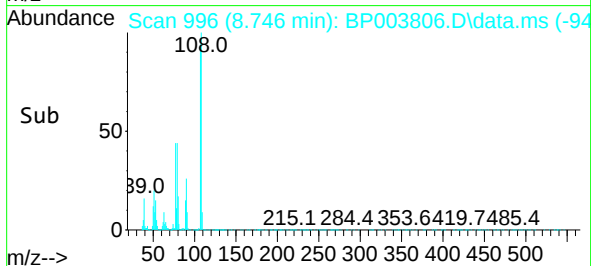
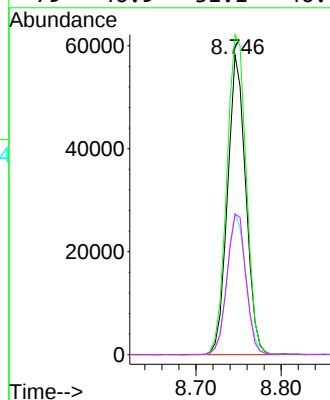
Instrument :

BNA_P

ClientSampled :



Tgt Ion:	107	Resp:	86564
Ion	Ratio	Lower	Upper
107	100		
108	106.8	89.6	134.4
77	47.1	31.8	47.6
79	46.9	31.1	46.7



#20

3+4-Methylphenols

Concen: 15.19 ng

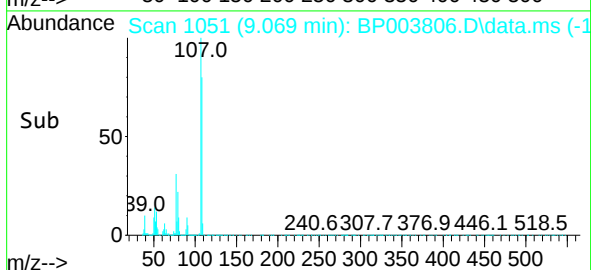
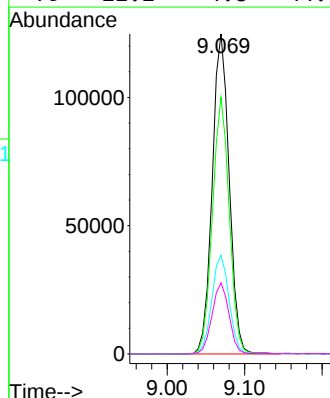
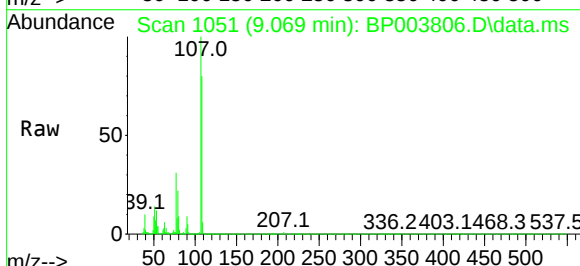
RT: 9.069 min Scan# 1051

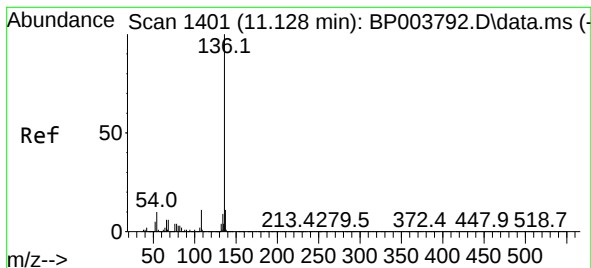
Delta R.T. -0.006 min

Lab File: BP003806.D

Acq: 04 Nov 2020 15:15

Tgt Ion:	107	Resp:	189189
Ion	Ratio	Lower	Upper
107	100		
108	80.2	69.0	109.0
77	30.9	8.5	48.5
79	22.2	4.8	44.8

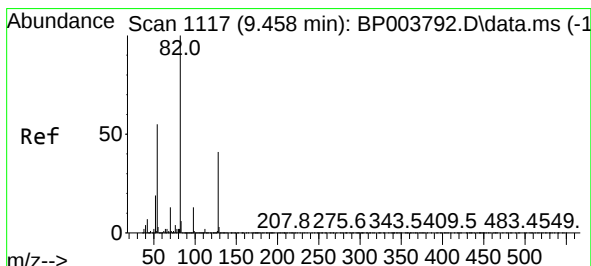
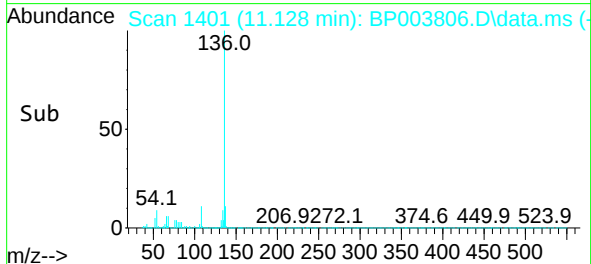
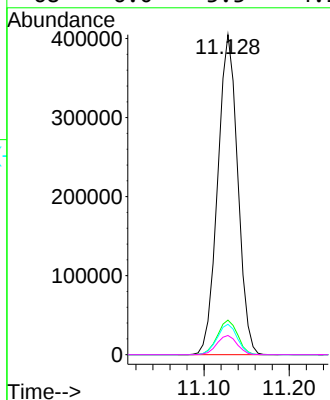
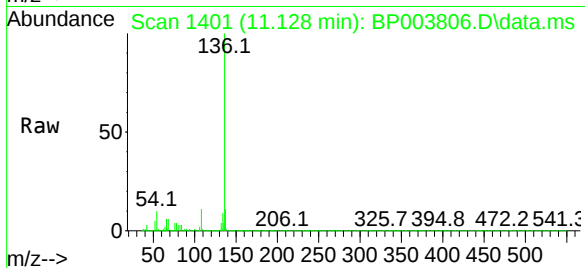




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.128 min Scan# 1401
Delta R.T. 0.000 min
Lab File: BP003806.D
Acq: 04 Nov 2020 15:15

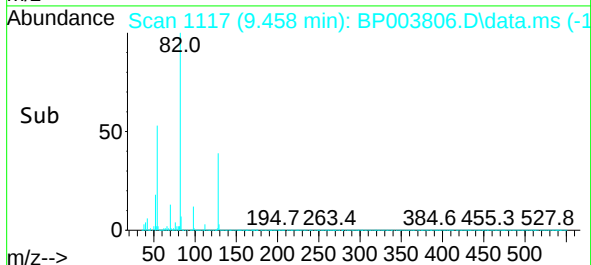
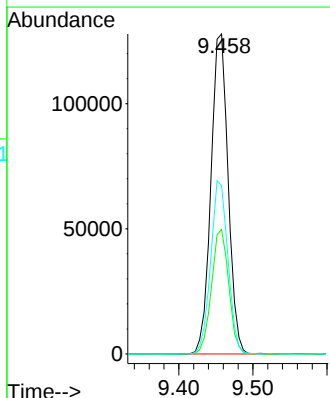
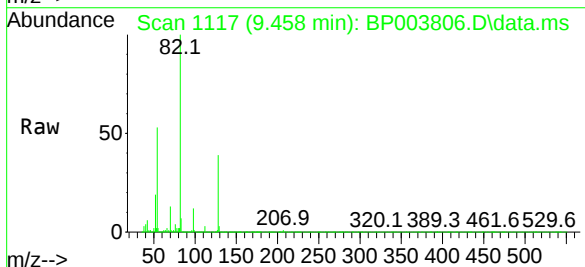
Instrument :
BNA_P
ClientSampled :

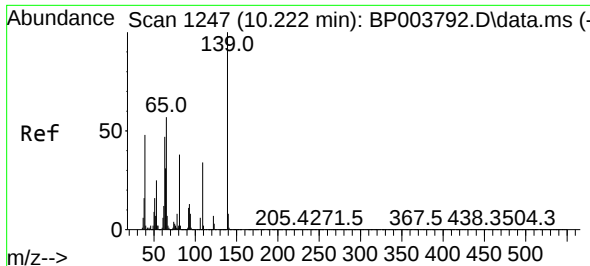
Tgt Ion:	136	Resp:	661987
Ion Ratio	Lower	Upper	
136	100		
137	10.8	8.6	13.0
54	9.5	3.6	5.4#
68	6.0	3.3	4.9#



#23
Nitrobenzene-d5
Concen: 15.22 ng
RT: 9.458 min Scan# 1117
Delta R.T. -0.000 min
Lab File: BP003806.D
Acq: 04 Nov 2020 15:15

Tgt Ion:	82	Resp:	205664
Ion Ratio	Lower	Upper	
82	100		
128	38.9	45.6	68.4#
54	52.7	30.1	45.1#

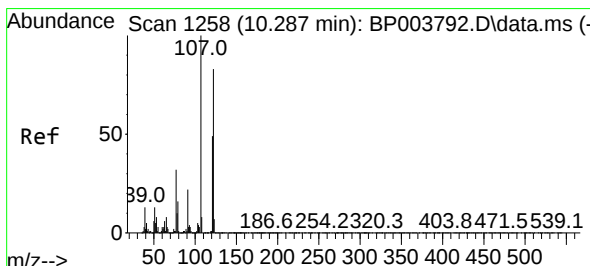
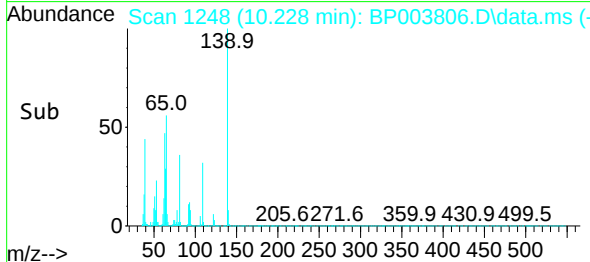
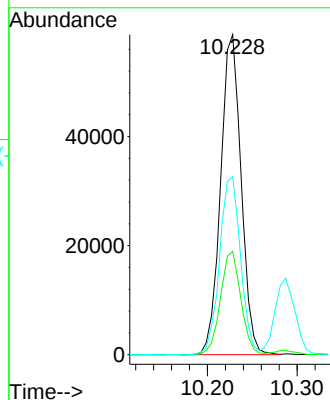
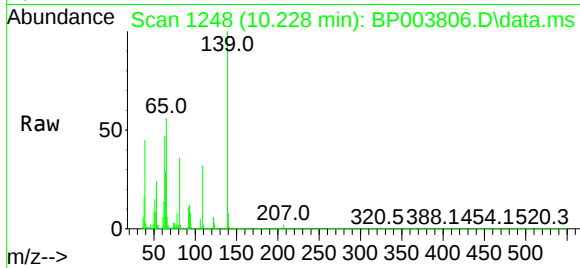




#26
2-Nitrophenol
Concen: 17.76 ng
RT: 10.228 min Scan# 1248
Delta R.T. 0.006 min
Lab File: BP003806.D
Acq: 04 Nov 2020 15:15

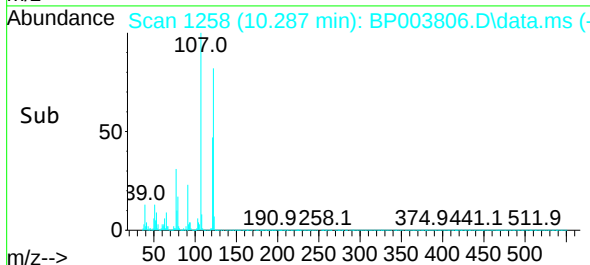
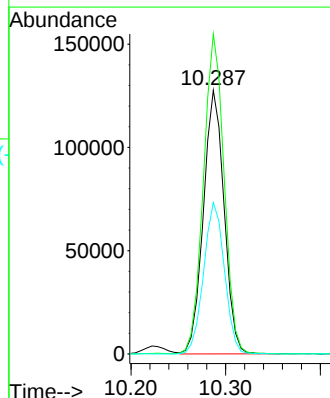
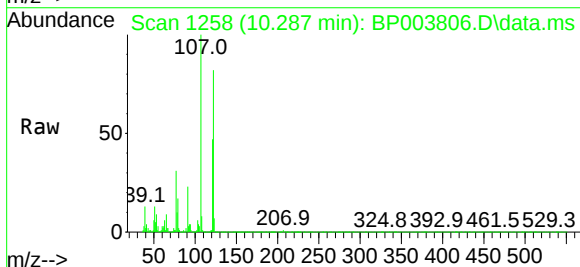
Instrument :
BNA_P
ClientSampled :

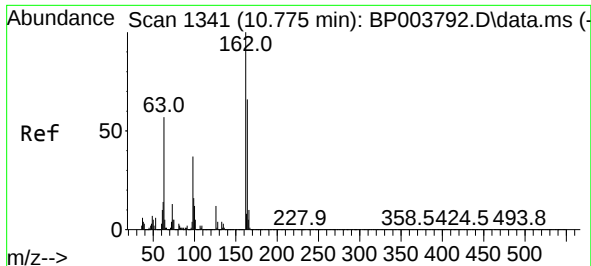
Tgt Ion:139 Resp: 93153
Ion Ratio Lower Upper
139 100
109 32.3 22.1 33.1
65 55.6 26.5 39.7#



#27
2,4-Dimethylphenol
Concen: 22.12 ng
RT: 10.287 min Scan# 1258
Delta R.T. 0.000 min
Lab File: BP003806.D
Acq: 04 Nov 2020 15:15

Tgt Ion:122 Resp: 193512
Ion Ratio Lower Upper
122 100
107 121.4 87.3 130.9
121 57.4 47.3 70.9

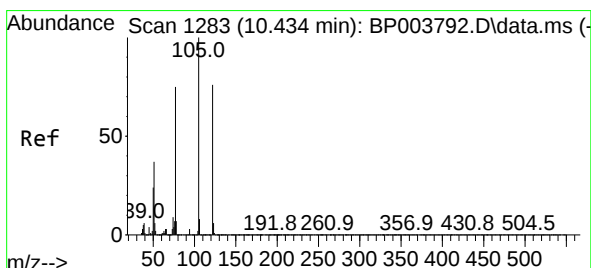
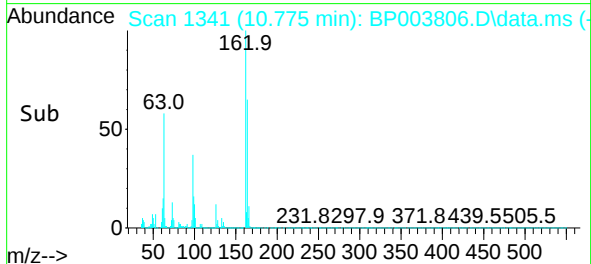
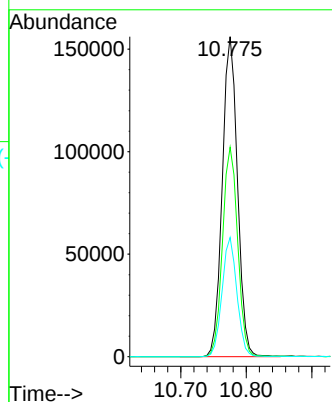
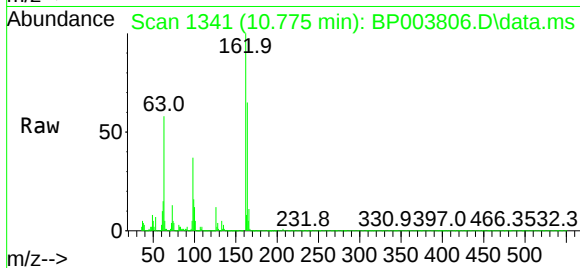




#29
2,4-Dichlorophenol
Concen: 23.75 ng
RT: 10.775 min Scan# 1341
Delta R.T. 0.000 min
Lab File: BP003806.D
Acq: 04 Nov 2020 15:15

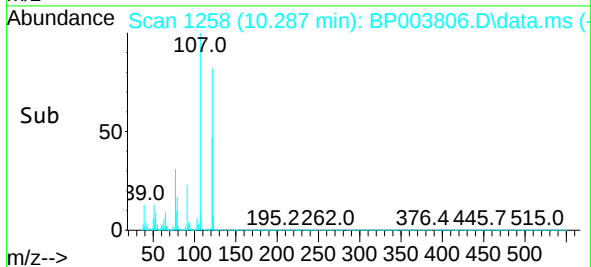
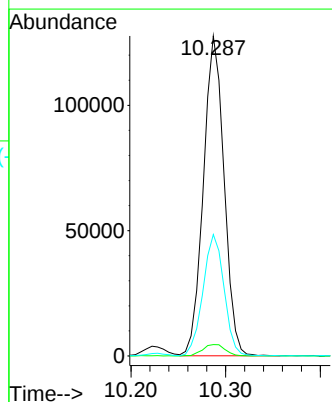
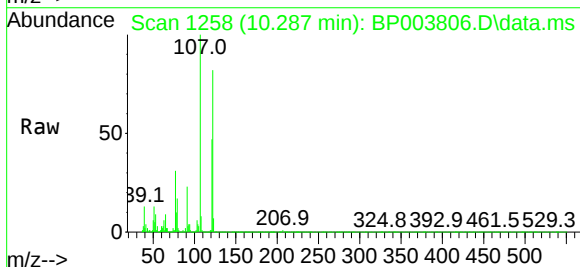
Instrument :
BNA_P
ClientSampled :

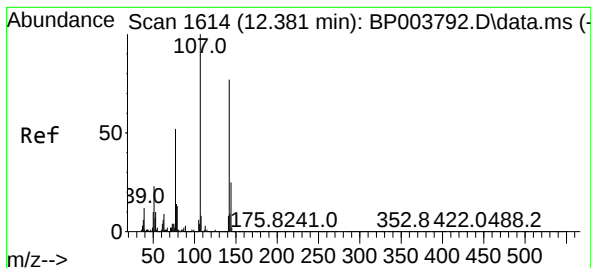
Tgt Ion:162 Resp: 250433
Ion Ratio Lower Upper
162 100
164 65.4 45.8 85.8
98 37.3 10.2 50.2



#32
Benzoic acid
Concen: 34.36 ng
RT: 10.287 min Scan# 1258
Delta R.T. -0.147 min
Lab File: BP003806.D
Acq: 04 Nov 2020 15:15

Tgt Ion:122 Resp: 193512
Ion Ratio Lower Upper
122 100
105 3.6 94.1 134.1#
77 37.9 50.1 90.1#

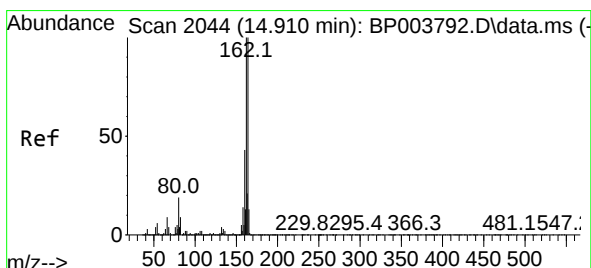
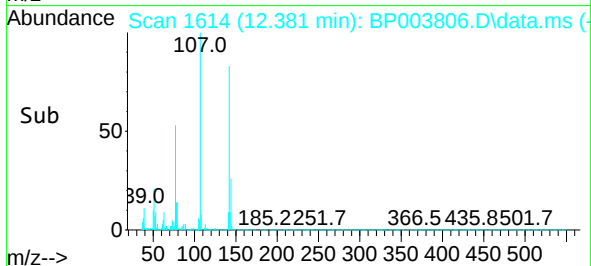
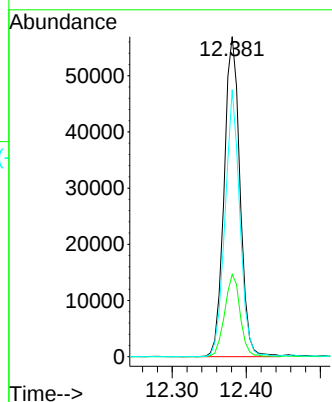
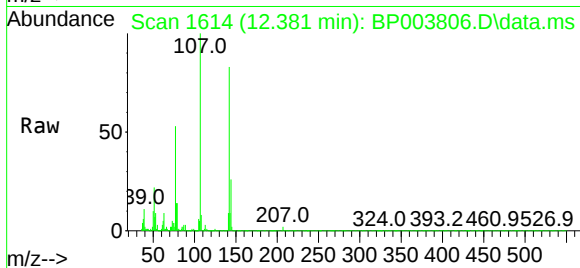




#36
4-Chloro-3-methylphenol
Concen: 7.43 ng
RT: 12.381 min Scan# 1614
Delta R.T. 0.000 min
Lab File: BP003806.D
Acq: 04 Nov 2020 15:15

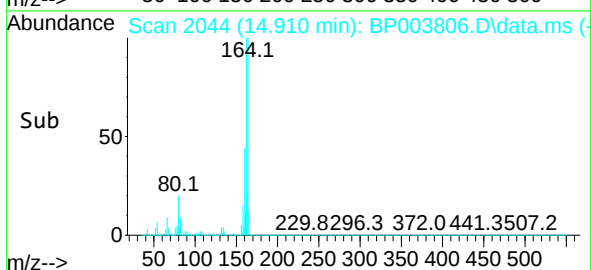
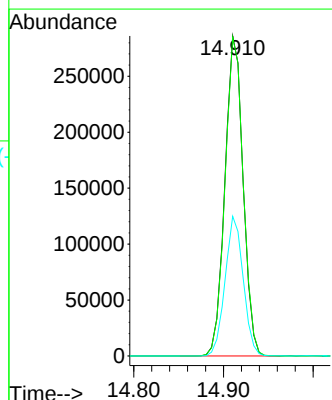
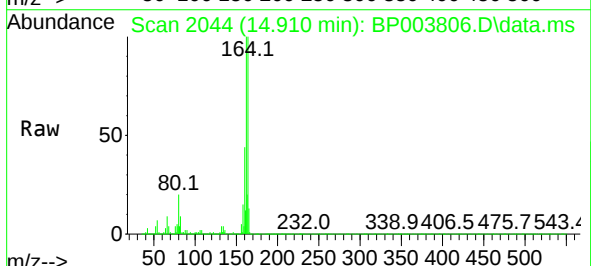
Instrument :
BNA_P
ClientSampled :

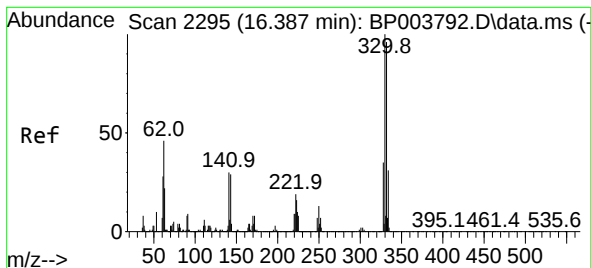
Tgt Ion:107 Resp: 84594
Ion Ratio Lower Upper
107 100
144 25.8 22.7 34.1
142 83.5 70.7 106.1



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.910 min Scan# 2044
Delta R.T. 0.000 min
Lab File: BP003806.D
Acq: 04 Nov 2020 15:15

Tgt Ion:164 Resp: 401411
Ion Ratio Lower Upper
164 100
162 99.7 79.4 119.2
160 43.6 36.1 54.1

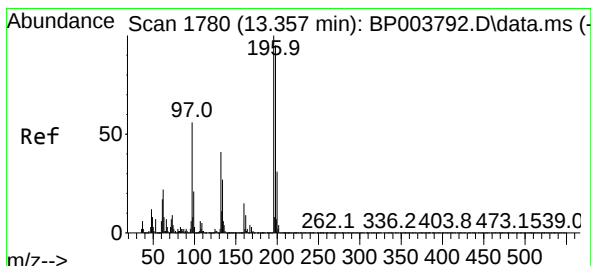
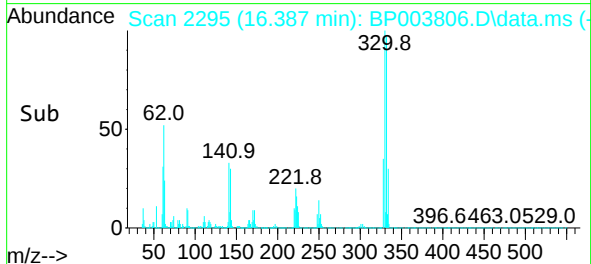
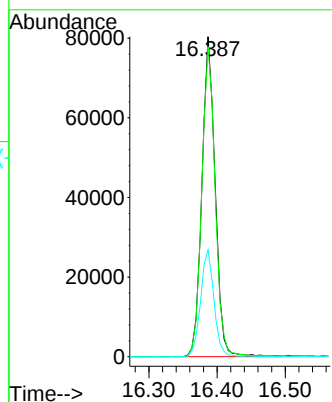
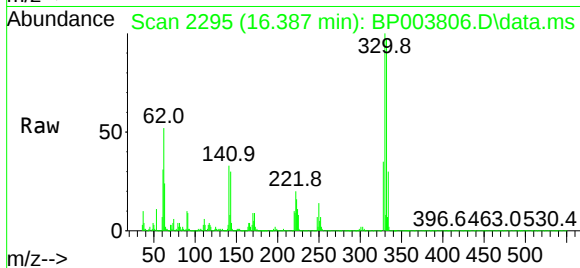




#42
2,4,6-Tribromophenol
Concen: 21.69 ng
RT: 16.387 min Scan# 2295
Delta R.T. -0.000 min
Lab File: BP003806.D
Acq: 04 Nov 2020 15:15

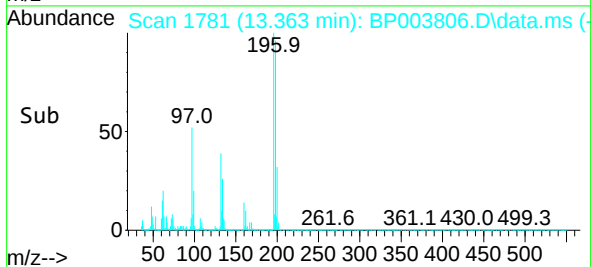
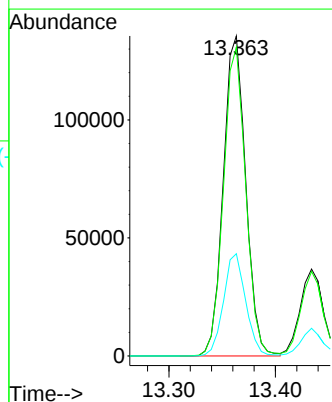
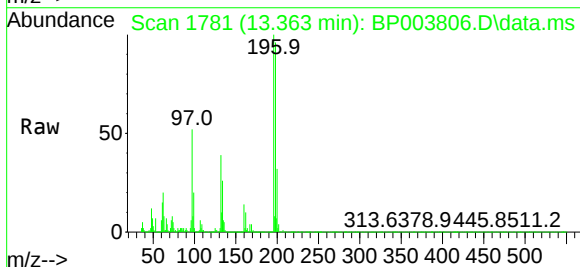
Instrument :
BNA_P
ClientSampled :

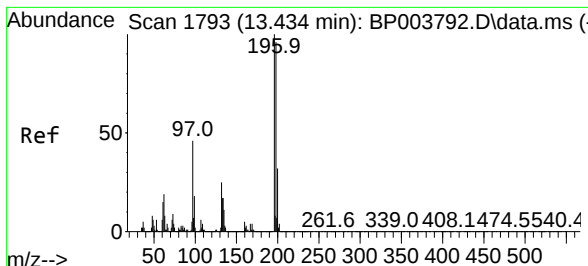
Tgt Ion:330 Resp: 108880
Ion Ratio Lower Upper
330 100
332 97.7 77.1 115.7
141 33.6 23.4 35.2



#43
2,4,6-Trichlorophenol
Concen: 24.11 ng
RT: 13.363 min Scan# 1781
Delta R.T. 0.006 min
Lab File: BP003806.D
Acq: 04 Nov 2020 15:15

Tgt Ion:196 Resp: 198038
Ion Ratio Lower Upper
196 100
198 96.5 77.0 115.6
200 31.9 25.1 37.7

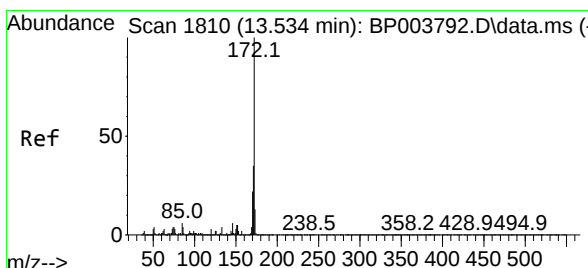
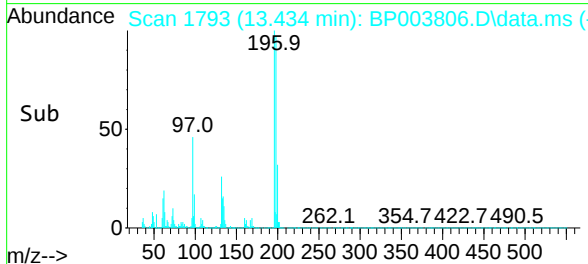
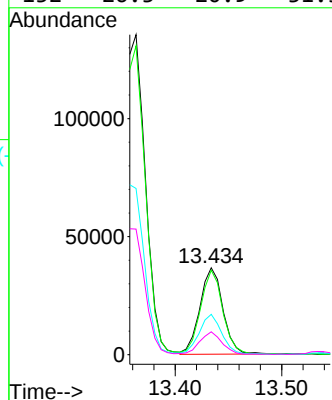
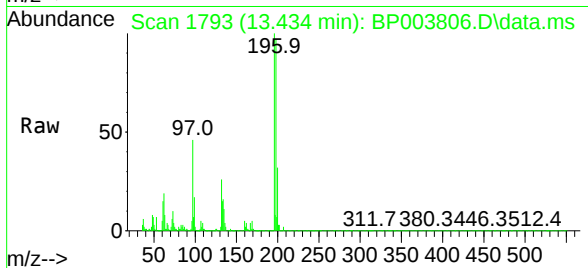




#44
2,4,5-Trichlorophenol
Concen: 6.37 ng
RT: 13.434 min Scan# 1793
Delta R.T. -0.000 min
Lab File: BP003806.D
Acq: 04 Nov 2020 15:15

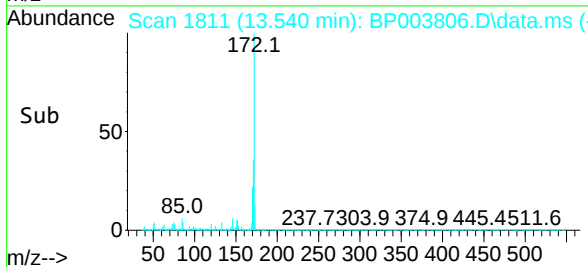
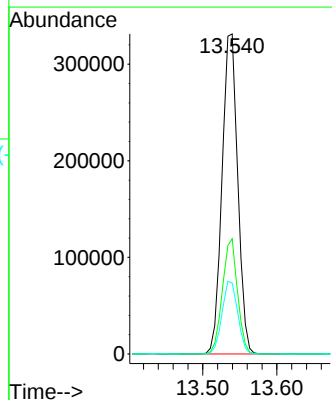
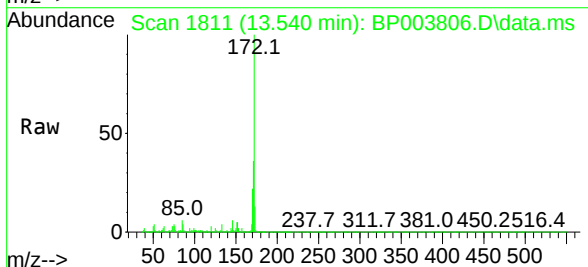
Instrument :
BNA_P
ClientSampleId :

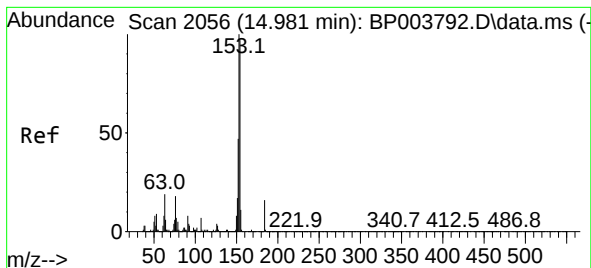
Tgt Ion:196	Resp:	55048
Ion Ratio	Lower	Upper
196	100	
198	97.2	77.3 115.9
97	46.4	31.0 46.4
132	26.3	20.9 31.3



#45
2-Fluorobiphenyl
Concen: 16.97 ng
RT: 13.540 min Scan# 1811
Delta R.T. 0.006 min
Lab File: BP003806.D
Acq: 04 Nov 2020 15:15

Tgt Ion:172	Resp:	487394
Ion Ratio	Lower	Upper
172	100	
171	36.0	28.5 42.7
170	22.2	19.2 28.8

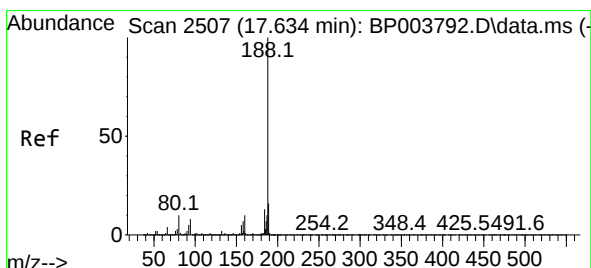
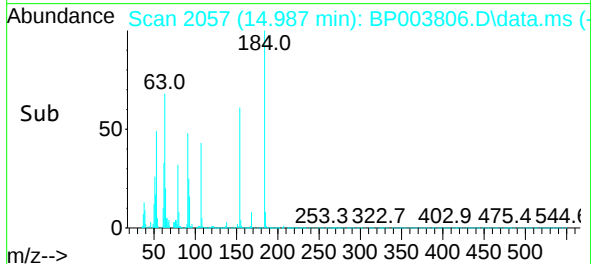
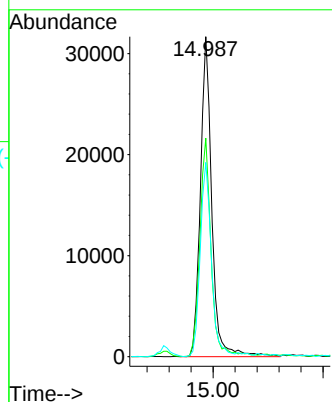
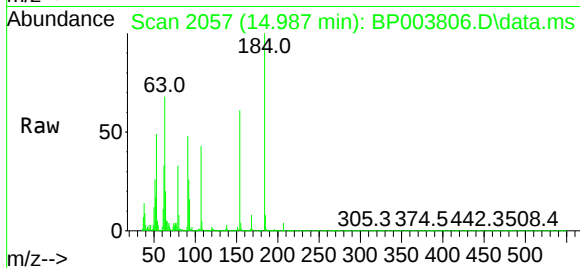




#54
2,4-Dinitrophenol
Concen: 20.29 ng
RT: 14.987 min Scan# 2057
Delta R.T. 0.006 min
Lab File: BP003806.D
Acq: 04 Nov 2020 15:15

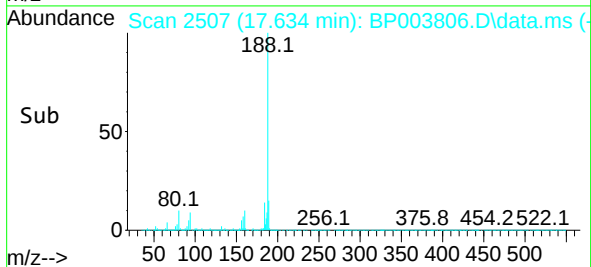
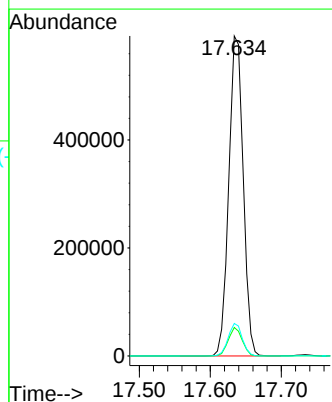
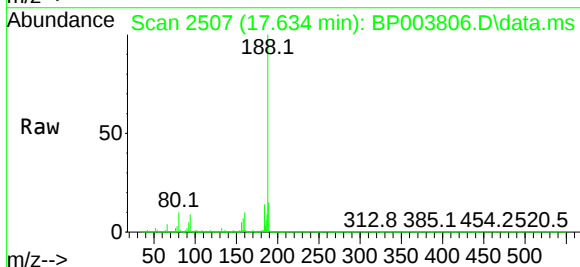
Instrument :
BNA_P
ClientSampled :

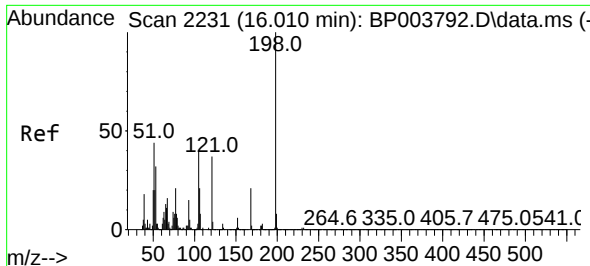
Tgt Ion:184 Resp: 45631
Ion Ratio Lower Upper
184 100
63 68.3 32.3 48.5#
154 60.7 49.1 73.7



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.634 min Scan# 2507
Delta R.T. -0.000 min
Lab File: BP003806.D
Acq: 04 Nov 2020 15:15

Tgt Ion:188 Resp: 835817
Ion Ratio Lower Upper
188 100
94 8.9 6.2 9.2
80 10.1 6.2 9.2#

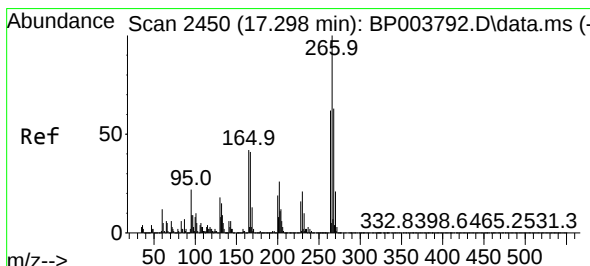
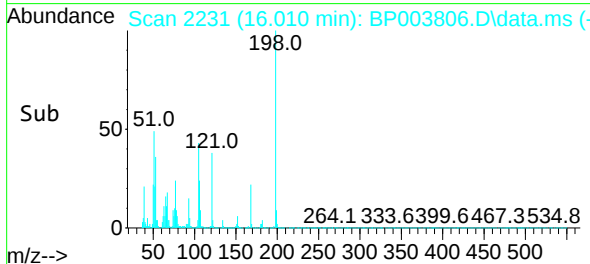
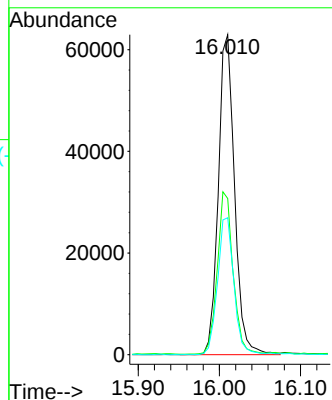
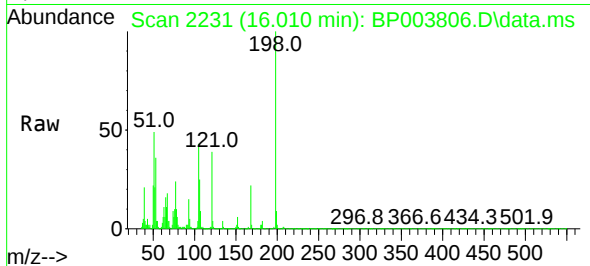




#65
4,6-Dinitro-2-methylphenol
Concen: 23.22 ng
RT: 16.010 min Scan# 2231
Delta R.T. 0.000 min
Lab File: BP003806.D
Acq: 04 Nov 2020 15:15

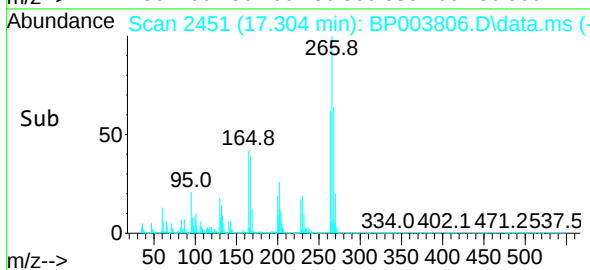
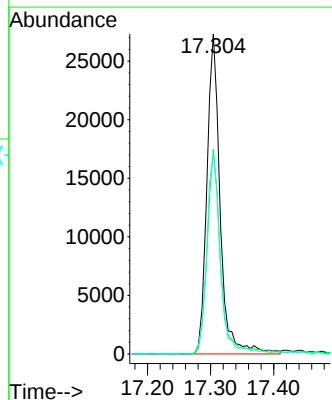
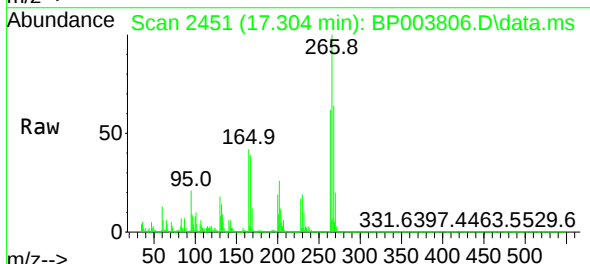
Instrument :
BNA_P
ClientSampled :

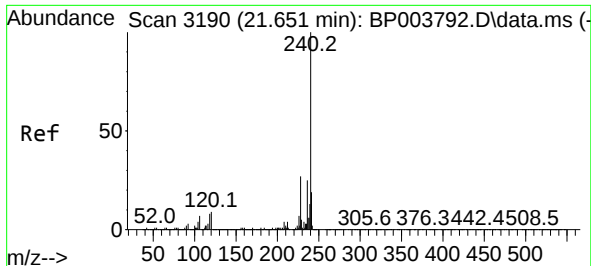
Tgt Ion	Ratio	Lower	Upper
198	100		
51	48.8	6.4	46.4#
105	42.8	18.9	58.9



#70
Pentachlorophenol
Concen: 7.47 ng
RT: 17.304 min Scan# 2451
Delta R.T. 0.006 min
Lab File: BP003806.D
Acq: 04 Nov 2020 15:15

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.9	51.1	76.7
264	62.4	50.6	76.0

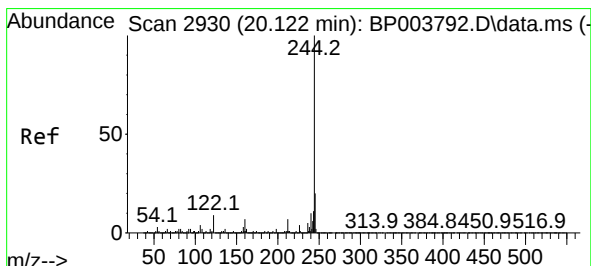
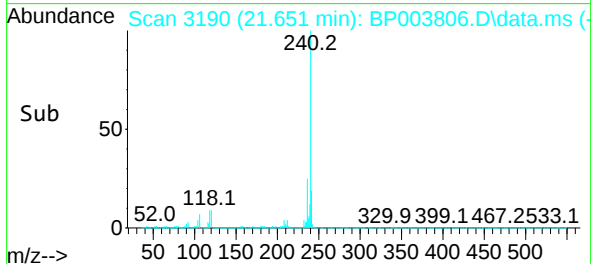
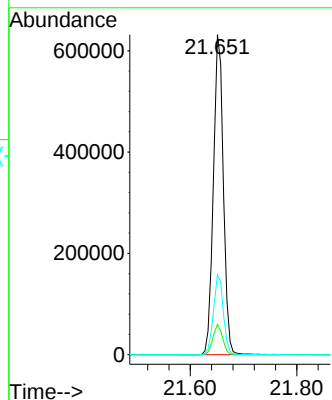
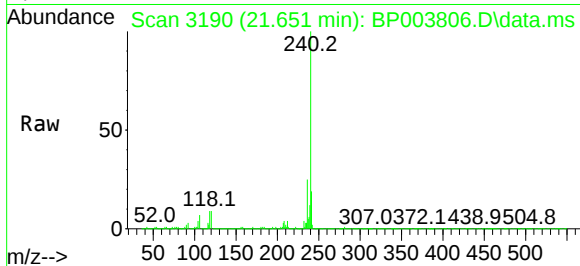




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.651 min Scan# 3190
Delta R.T. 0.000 min
Lab File: BP003806.D
Acq: 04 Nov 2020 15:15

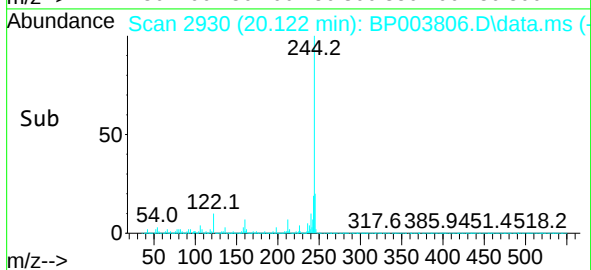
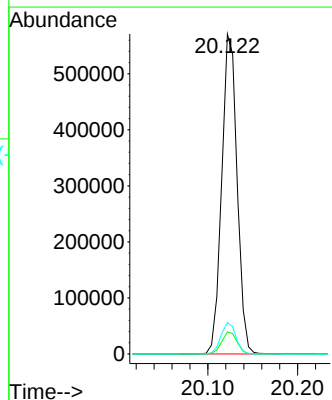
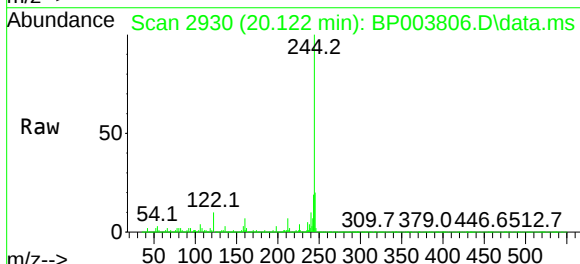
Instrument :
BNA_P
ClientSampled :

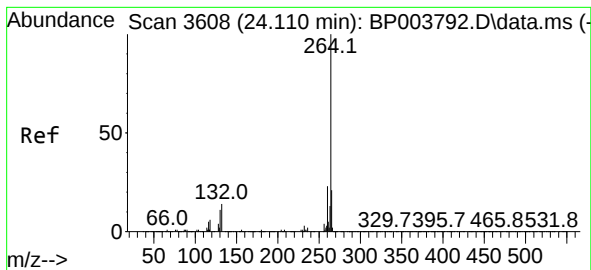
Tgt Ion:240 Resp: 821387
Ion Ratio Lower Upper
240 100
120 9.5 7.8 11.6
236 25.1 20.8 31.2



#79
Terphenyl-d14
Concen: 15.97 ng
RT: 20.122 min Scan# 2930
Delta R.T. -0.000 min
Lab File: BP003806.D
Acq: 04 Nov 2020 15:15

Tgt Ion:244 Resp: 678889
Ion Ratio Lower Upper
244 100
212 6.9 5.8 8.6
122 9.8 7.8 11.8





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 24.122 min Scan# 3610
 Delta R.T. 0.012 min
 Lab File: BP003806.D
 Acq: 04 Nov 2020 15:15

Instrument :
 BNA_P
 ClientSampleId :

Tgt Ion:264 Resp: 833620
 Ion Ratio Lower Upper
 264 100
 260 22.7 18.8 28.2
 265 21.7 17.4 26.2

