

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110420\
 Data File : BP003811.D
 Acq On : 04 Nov 2020 18:05
 Operator : CG/JU
 Sample : L4621-06
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Nov 05 14:58:52 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)

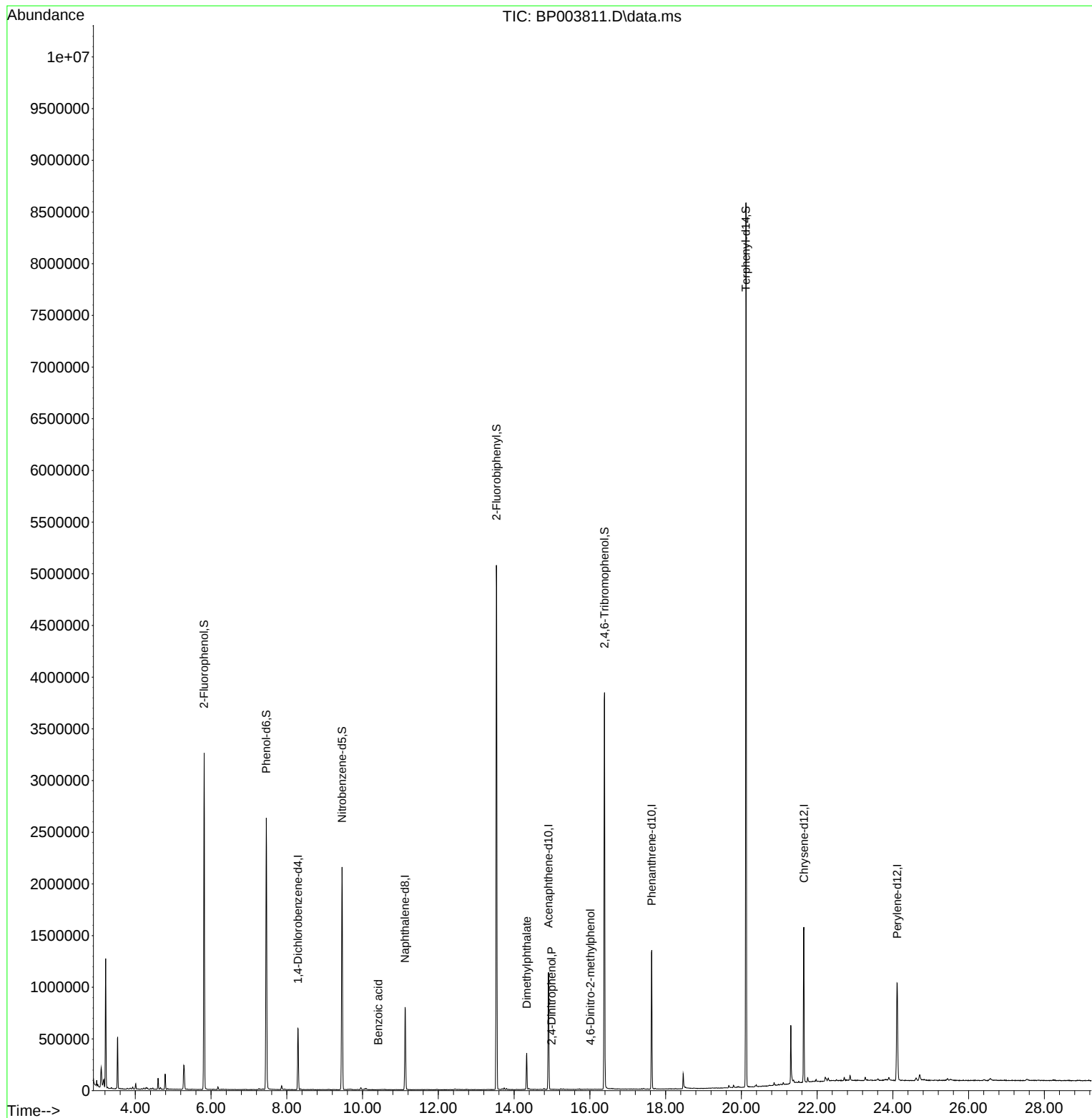
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.293	152	162390	20.00	ng	0.00
21) Naphthalene-d8	11.122	136	637183	20.00	ng	# 0.00
39) Acenaphthene-d10	14.910	164	388158	20.00	ng	0.00
64) Phenanthrene-d10	17.634	188	815513	20.00	ng	# 0.00
76) Chrysene-d12	21.651	240	758327	20.00	ng	0.00
86) Perylene-d12	24.116	264	751548	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.817	112	1269761	65.25	ng	0.00
7) Phenol-d6	7.458	99	1424345	50.99	ng	0.00
23) Nitrobenzene-d5	9.458	82	1189577	45.72	ng	0.00
42) 2,4,6-Tribromophenol	16.387	330	722968	74.46	ng	0.00
45) 2-Fluorobiphenyl	13.534	172	2643165	47.60	ng	0.00
79) Terphenyl-d14	20.122	244	3544458	45.15	ng	0.00
Target Compounds						
9) Benzaldehyde	7.399	77	221	Below Cal	#	39
32) Benzoic acid	10.416	122	163	8.33	ng	# 63
50) Dimethylphthalate	14.334	163	215290	7.10	ng	99
54) 2,4-Dinitrophenol	14.987	184	10	2.73	ng	# 1
65) 4,6-Dinitro-2-methylph...	16.016	198	30	6.35	ng	# 1

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

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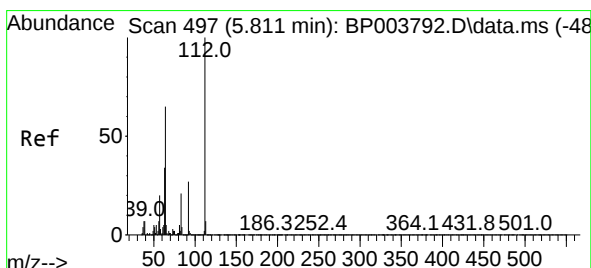
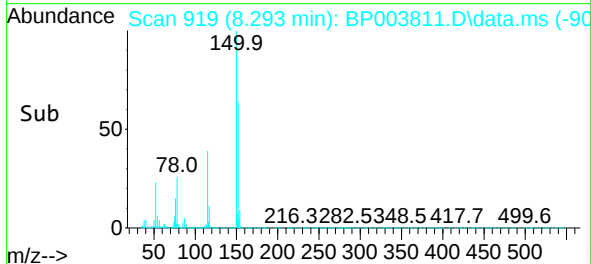
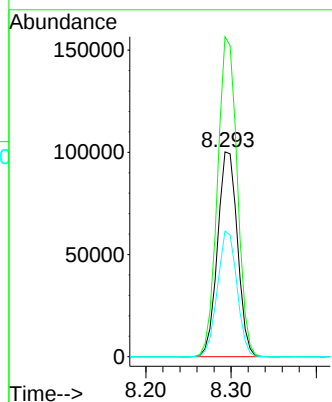
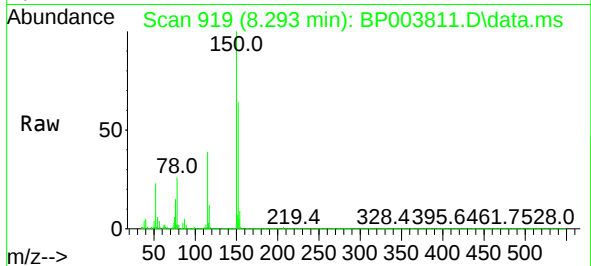




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.293 min Scan# 919
Delta R.T. -0.000 min
Lab File: BP003811.D
Acq: 04 Nov 2020 18:05

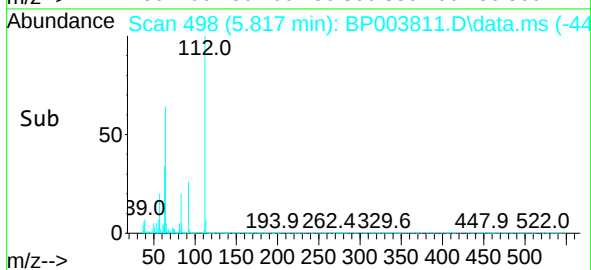
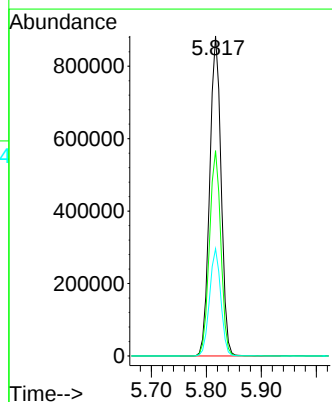
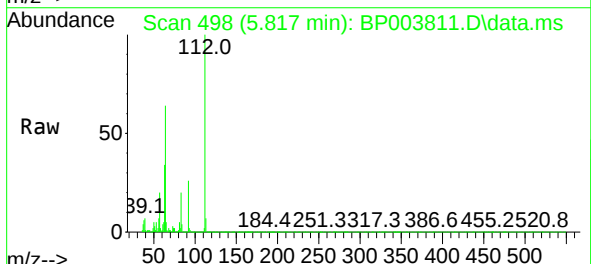
Instrument :
BNA_P
ClientSampleId :

Tgt Ion:152 Resp: 162390
Ion Ratio Lower Upper
152 100
150 156.2 123.8 185.6
115 61.3 43.8 65.6



#5
2-Fluorophenol
Concen: 65.25 ng
RT: 5.817 min Scan# 498
Delta R.T. 0.006 min
Lab File: BP003811.D
Acq: 04 Nov 2020 18:05

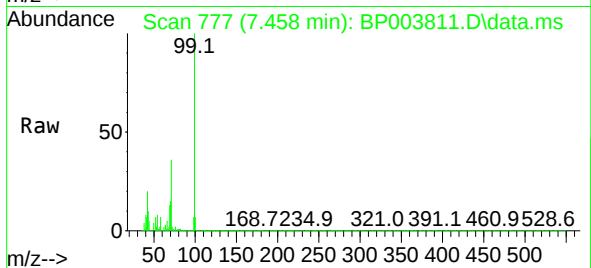
Tgt Ion:112 Resp: 1269761
Ion Ratio Lower Upper
112 100
64 64.2 32.8 49.2#
63 33.5 17.0 25.4#



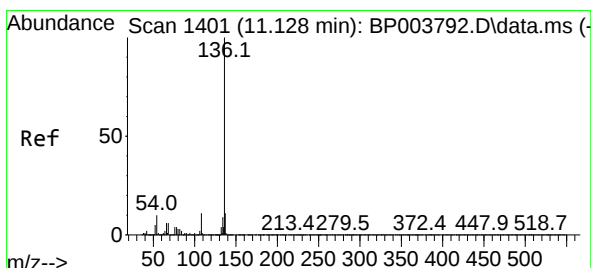
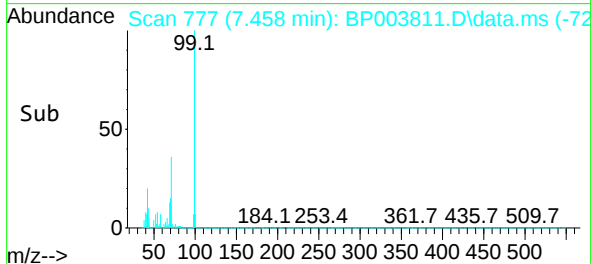
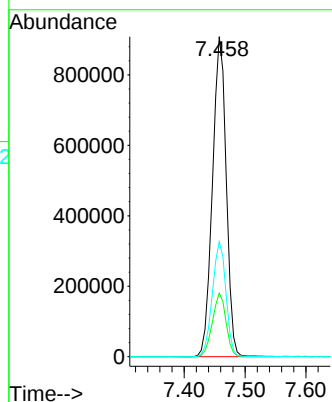


#7
Phenol-d6
Concen: 50.99 ng
RT: 7.458 min Scan# 777
Delta R.T. -0.000 min
Lab File: BP003811.D
Acq: 04 Nov 2020 18:05

Instrument :
BNA_P
ClientSampleId :

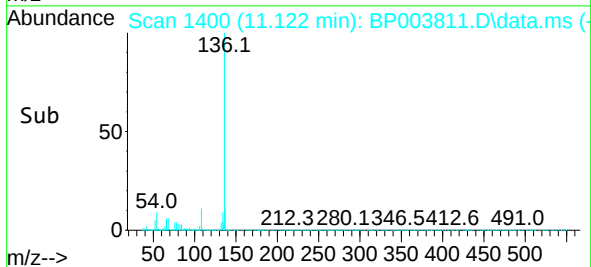
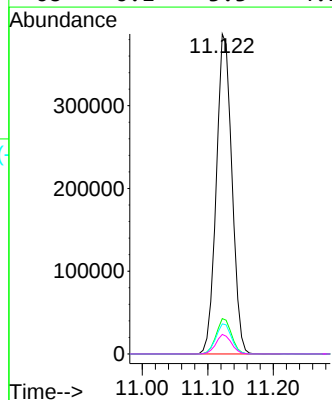
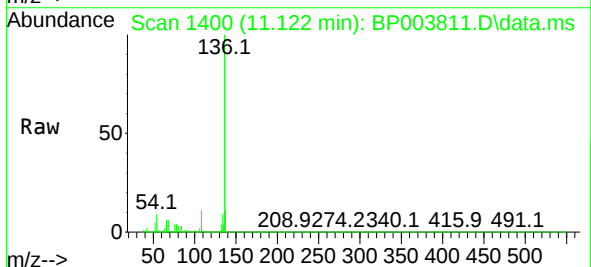


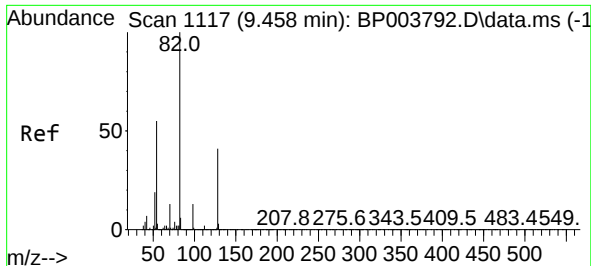
Tgt Ion: 99 Resp: 1424345
Ion Ratio Lower Upper
99 100
42 19.9 8.6 13.0#
71 35.9 23.4 35.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.122 min Scan# 1400
Delta R.T. -0.006 min
Lab File: BP003811.D
Acq: 04 Nov 2020 18:05

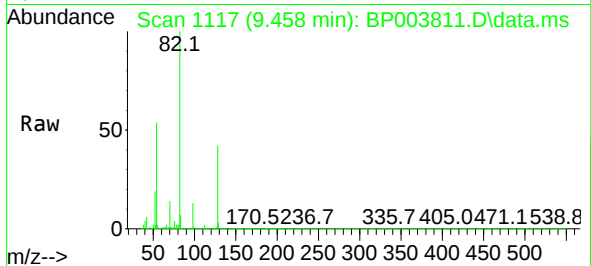
Tgt Ion: 136 Resp: 637183
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 9.4 3.6 5.4#
68 6.1 3.3 4.9#



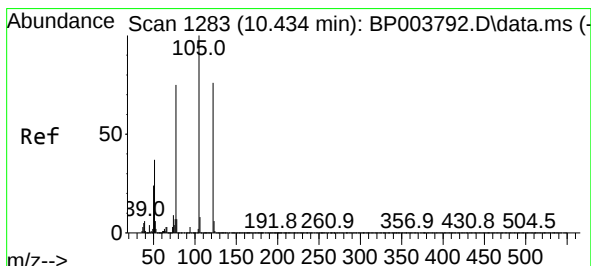
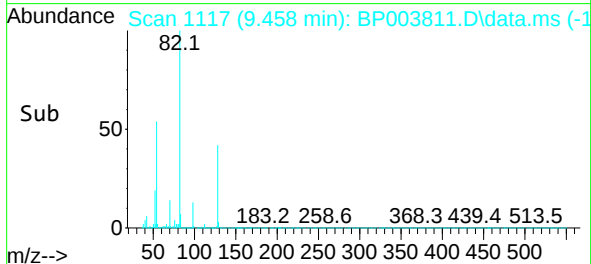
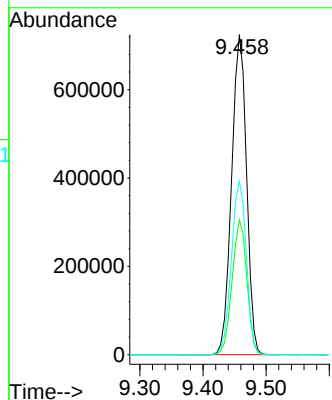


#23
Nitrobenzene-d5
Concen: 45.72 ng
RT: 9.458 min Scan# 1117
Delta R.T. -0.000 min
Lab File: BP003811.D
Acq: 04 Nov 2020 18:05

Instrument :
BNA_P
ClientSampleId :

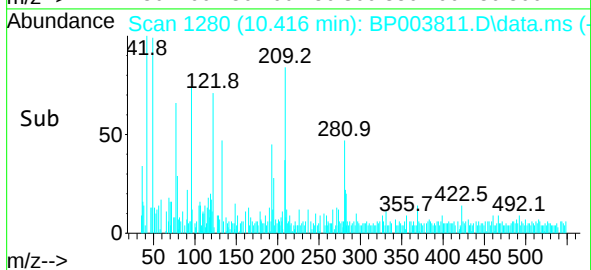
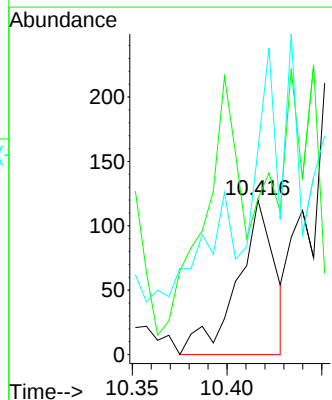
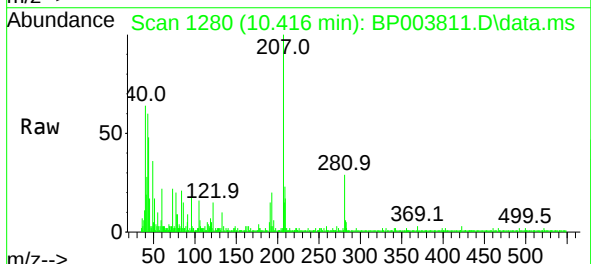


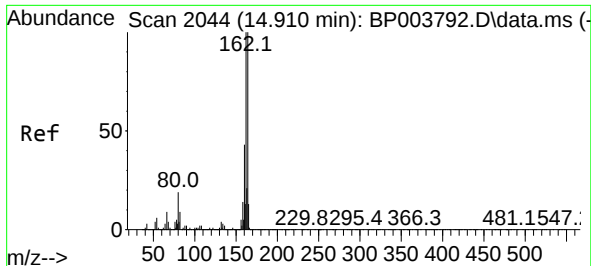
Tgt Ion: 82 Resp: 1189577
Ion Ratio Lower Upper
82 100
128 42.1 45.6 68.4#
54 54.3 30.1 45.1#



#32
Benzoic acid
Concen: 8.33 ng
RT: 10.416 min Scan# 1280
Delta R.T. -0.018 min
Lab File: BP003811.D
Acq: 04 Nov 2020 18:05

Tgt Ion: 122 Resp: 163
Ion Ratio Lower Upper
122 100
105 100.8 94.1 134.1
77 132.5 50.1 90.1#

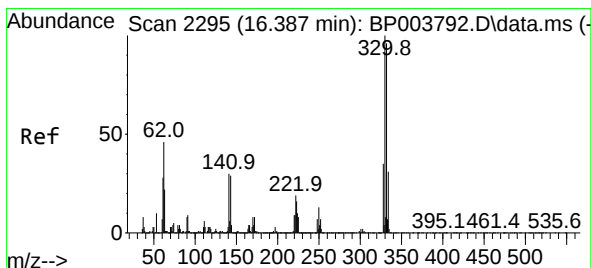
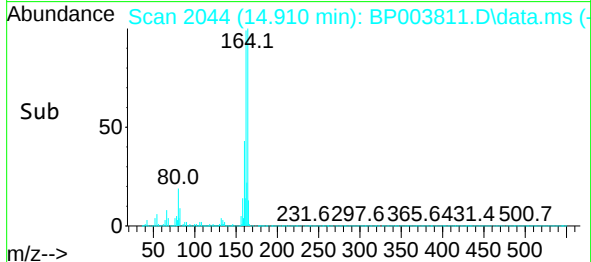
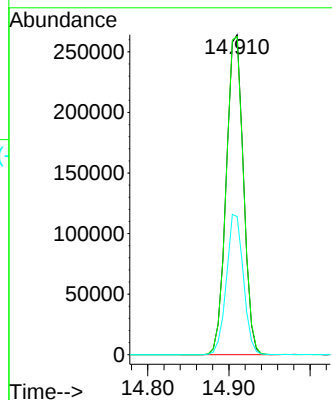
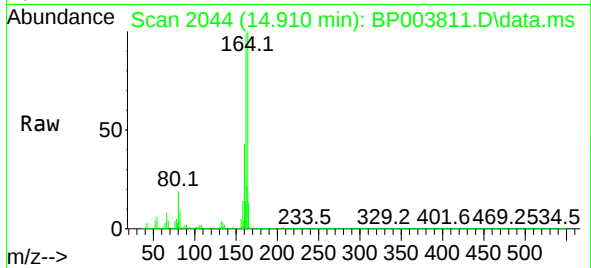




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.910 min Scan# 2044
Delta R.T. 0.000 min
Lab File: BP003811.D
Acq: 04 Nov 2020 18:05

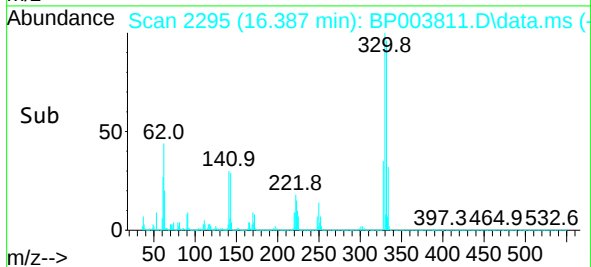
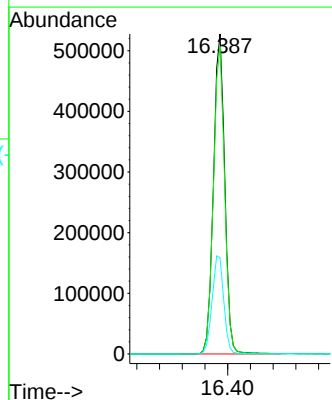
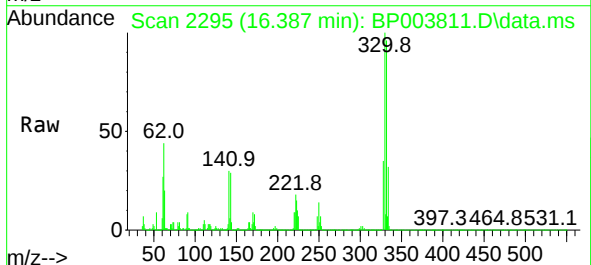
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BNA_P
ClientSampleId :

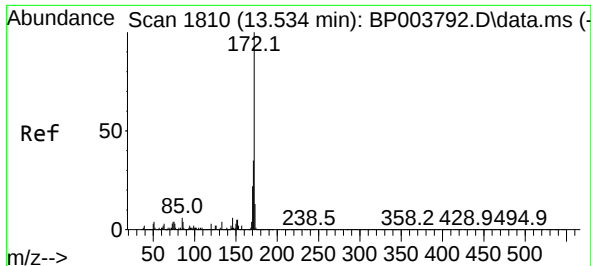
Tgt Ion:164 Resp: 388158
Ion Ratio Lower Upper
164 100
162 99.4 79.4 119.2
160 43.2 36.1 54.1



#42
2,4,6-Tribromophenol
Concen: 74.46 ng
RT: 16.387 min Scan# 2295
Delta R.T. -0.000 min
Lab File: BP003811.D
Acq: 04 Nov 2020 18:05

Tgt Ion:330 Resp: 722968
Ion Ratio Lower Upper
330 100
332 95.9 77.1 115.7
141 31.9 23.4 35.2

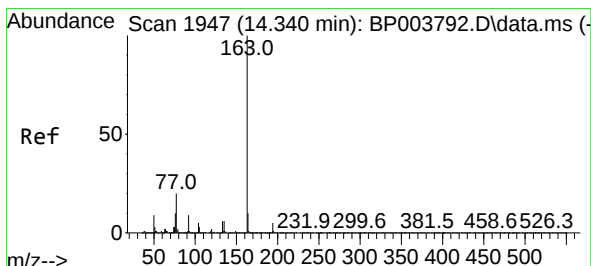
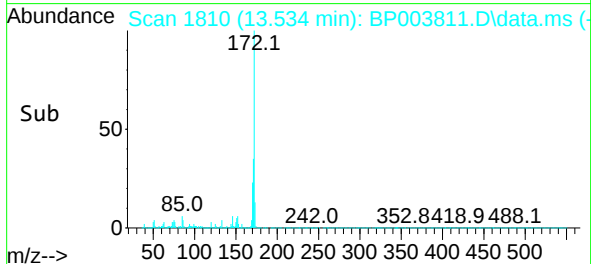
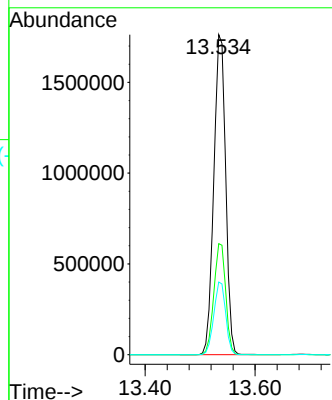
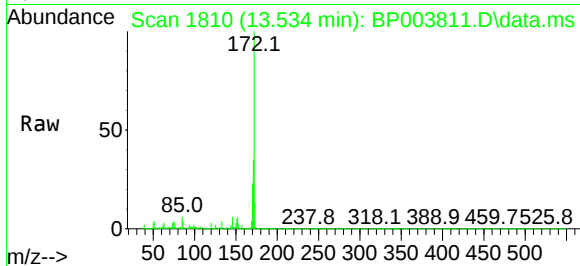




#45
2-Fluorobiphenyl
Concen: 47.60 ng
RT: 13.534 min Scan# 1810
Delta R.T. -0.000 min
Lab File: BP003811.D
Acq: 04 Nov 2020 18:05

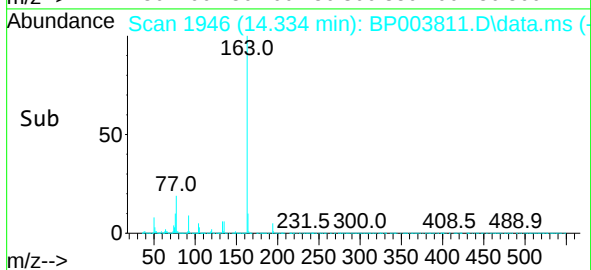
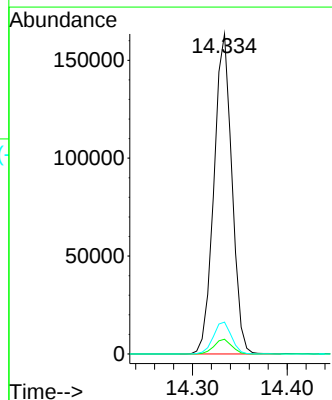
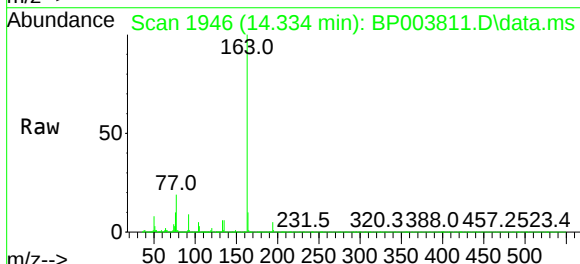
Instrument :
BNA_P
ClientSampleId :

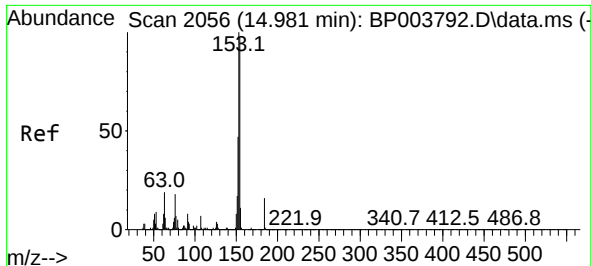
Tgt Ion:172 Resp: 2643165
Ion Ratio Lower Upper
172 100
171 34.7 28.5 42.7
170 22.7 19.2 28.8



#50
Dimethylphthalate
Concen: 7.10 ng
RT: 14.334 min Scan# 1946
Delta R.T. -0.006 min
Lab File: BP003811.D
Acq: 04 Nov 2020 18:05

Tgt Ion:163 Resp: 215290
Ion Ratio Lower Upper
163 100
194 4.6 3.3 4.9
164 10.0 8.2 12.2

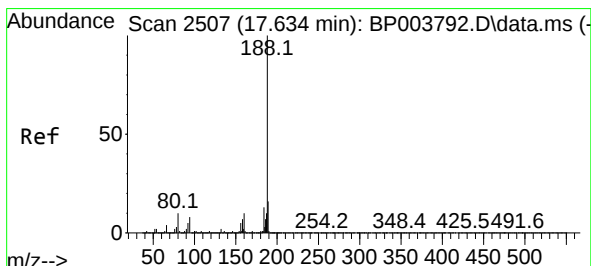
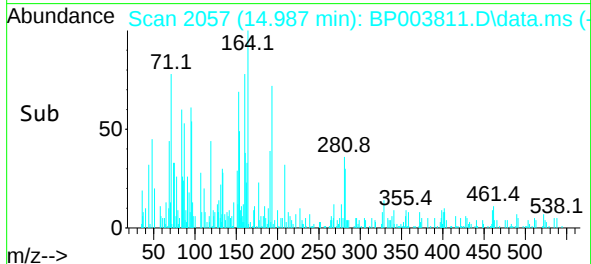
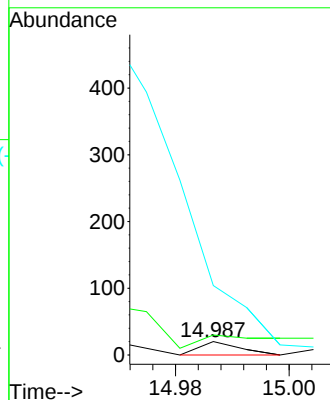
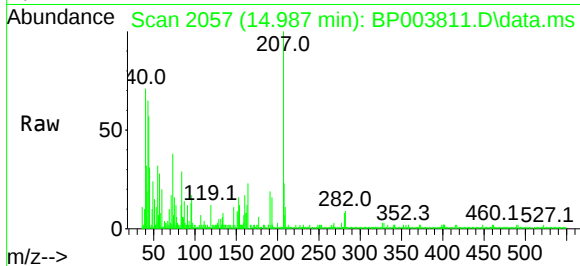




#54
2,4-Dinitrophenol
Concen: 2.73 ng
RT: 14.987 min Scan# 2057
Delta R.T. 0.006 min
Lab File: BP003811.D
Acq: 04 Nov 2020 18:05

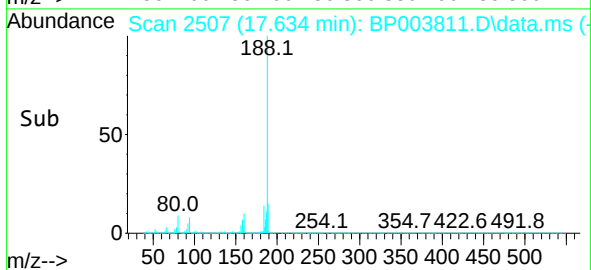
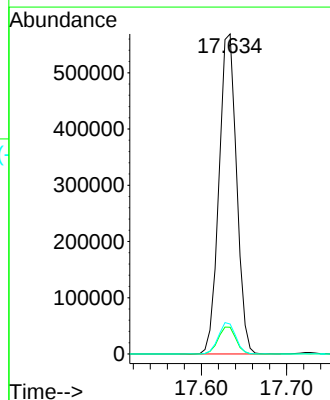
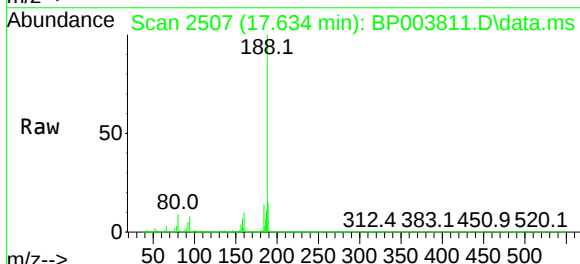
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BNA_P
ClientSampleId :

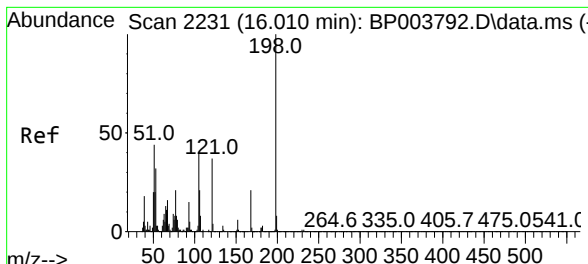
Tgt Ion:184 Resp: 10
Ion Ratio Lower Upper
184 100
63 150.0 32.3 48.5#
154 520.0 49.1 73.7#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.634 min Scan# 2507
Delta R.T. -0.000 min
Lab File: BP003811.D
Acq: 04 Nov 2020 18:05

Tgt Ion:188 Resp: 815513
Ion Ratio Lower Upper
188 100
94 8.4 6.2 9.2
80 9.3 6.2 9.2#

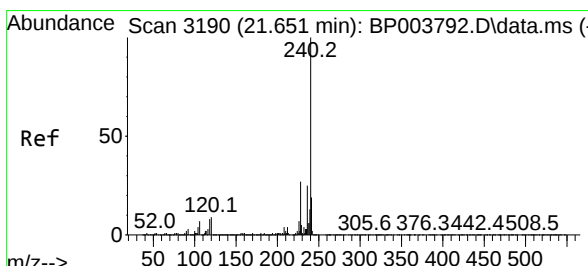
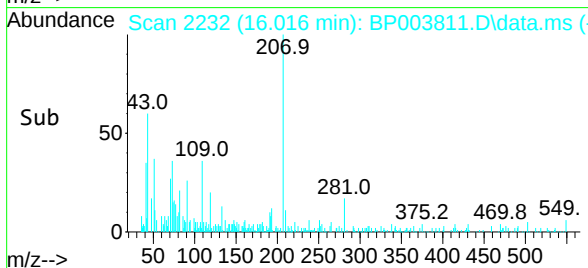
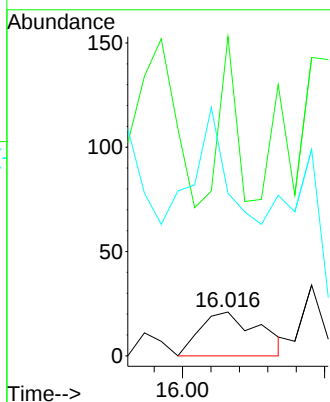
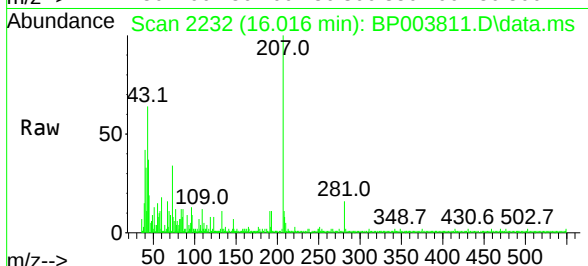




#65
 4,6-Dinitro-2-methylphenol
 Concen: 6.35 ng
 RT: 16.016 min Scan# 2232
 Delta R.T. 0.006 min
 Lab File: BP003811.D
 Acq: 04 Nov 2020 18:05

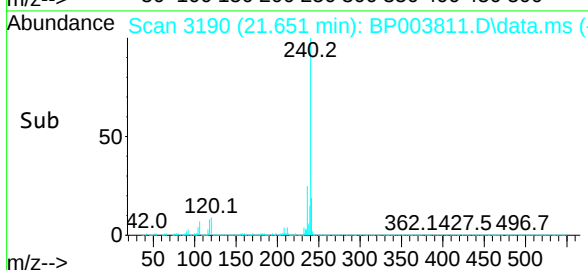
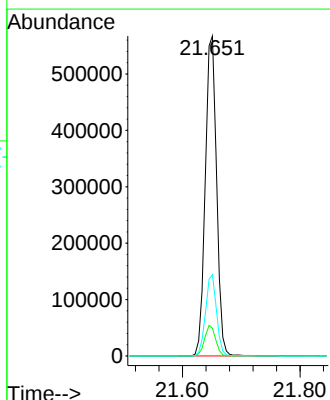
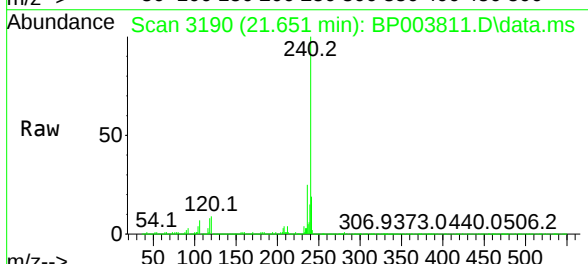
Instrument :
 BNA_P
 ClientSampleId :

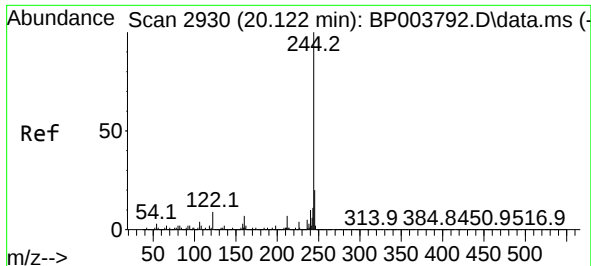
Tgt Ion:198	Resp:	30
Ion Ratio	Lower	Upper
198	100	
51	728.6	6.4 46.4#
105	371.4	18.9 58.9#



#76
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.651 min Scan# 3190
 Delta R.T. -0.000 min
 Lab File: BP003811.D
 Acq: 04 Nov 2020 18:05

Tgt Ion:240	Resp:	758327
Ion Ratio	Lower	Upper
240	100	
120	8.7	7.8 11.6
236	25.4	20.8 31.2

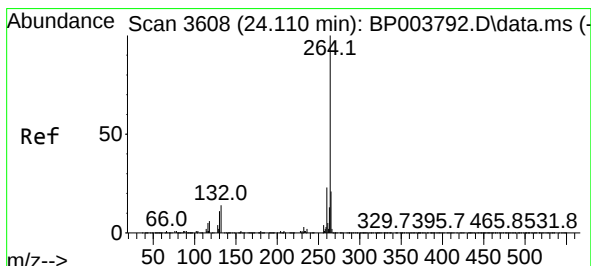
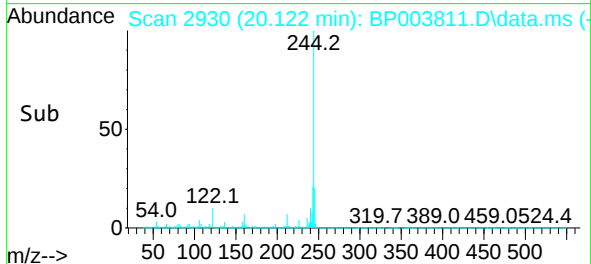
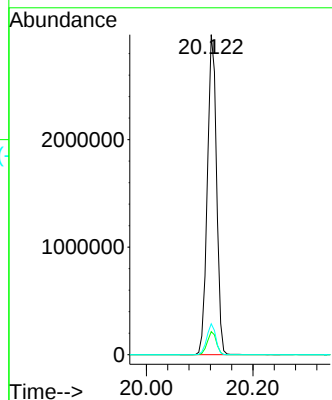
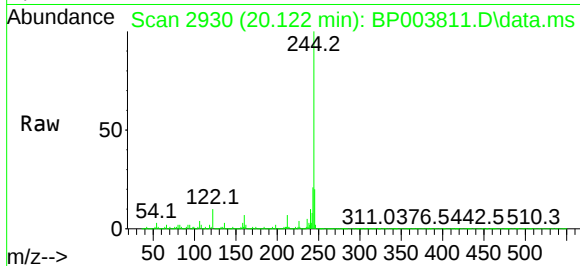




#79
Terphenyl-d14
Concen: 45.15 ng
RT: 20.122 min Scan# 2930
Delta R.T. -0.000 min
Lab File: BP003811.D
Acq: 04 Nov 2020 18:05

Instrument :
BNA_P
ClientSampled :

Tgt Ion:244 Resp: 3544458
Ion Ratio Lower Upper
244 100
212 7.2 5.8 8.6
122 9.6 7.8 11.8



#86
Perylene-d12
Concen: 20.00 ng
RT: 24.116 min Scan# 3609
Delta R.T. 0.006 min
Lab File: BP003811.D
Acq: 04 Nov 2020 18:05

Tgt Ion:264 Resp: 751548
Ion Ratio Lower Upper
264 100
260 22.8 18.8 28.2
265 22.3 17.4 26.2

