

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110420\
 Data File : BP003800.D
 Acq On : 04 Nov 2020 10:34
 Operator : CG/JU
 Sample : PB132782BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Nov 05 14:52:25 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)

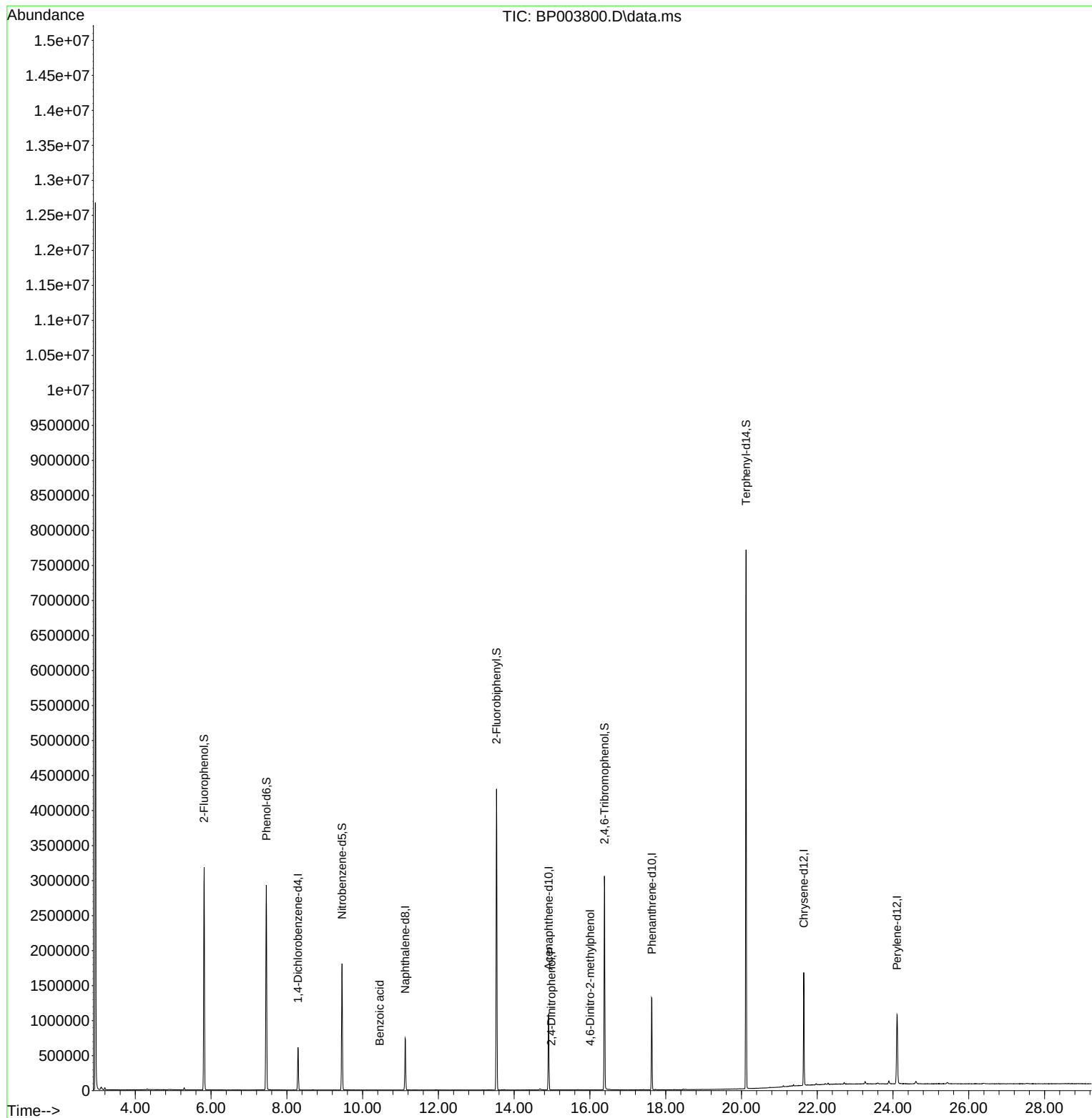
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.293	152	159143	20.00	ng	0.00
21) Naphthalene-d8	11.122	136	602273	20.00	ng	# 0.00
39) Acenaphthene-d10	14.910	164	360794	20.00	ng	0.00
64) Phenanthrene-d10	17.634	188	776804	20.00	ng	0.00
76) Chrysene-d12	21.645	240	780531	20.00	ng	0.00
86) Perylene-d12	24.104	264	770758	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.817	112	1266630	132.84	ng	0.00
7) Phenol-d6	7.458	99	1597883	116.74	ng	0.00
23) Nitrobenzene-d5	9.458	82	987918	80.33	ng	0.00
42) 2,4,6-Tribromophenol	16.387	330	565991	125.42	ng	0.00
45) 2-Fluorobiphenyl	13.534	172	2161140	83.74	ng	0.00
79) Terphenyl-d14	20.122	244	3140899	77.74	ng	0.00
Target Compounds						
9) Benzaldehyde	7.458	77	2817	Below Cal	#	Qvalue 1
32) Benzoic acid	10.452	122	34	8.31	ng	# 1
54) 2,4-Dinitrophenol	14.981	184	16	2.74	ng	# 1
65) 4,6-Dinitro-2-methylph...	16.010	198	8	6.34	ng	# 1

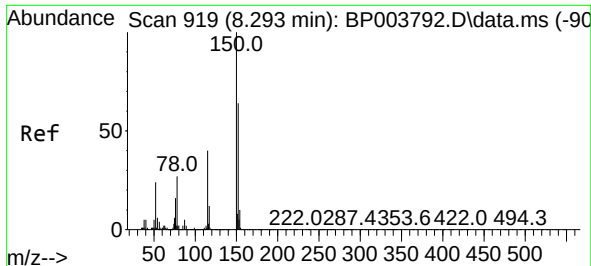
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BNA_P
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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

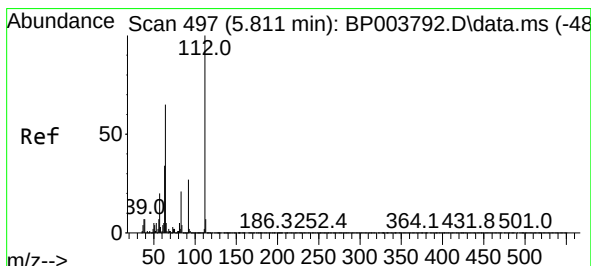
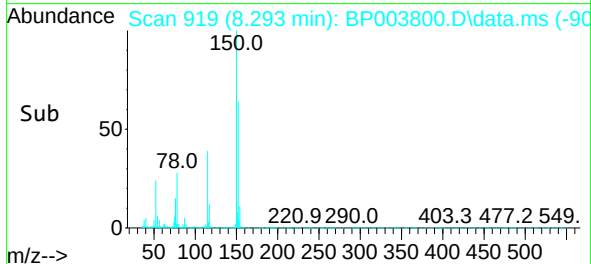
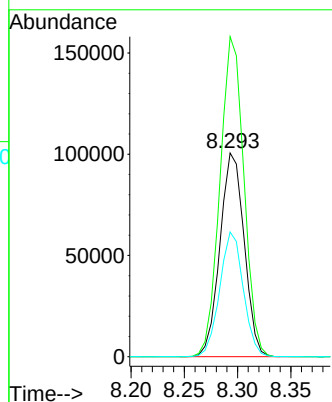
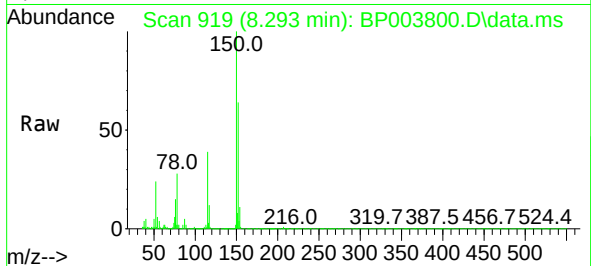




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.293 min Scan# 919
Delta R.T. -0.000 min
Lab File: BP003800.D
Acq: 04 Nov 2020 10:34

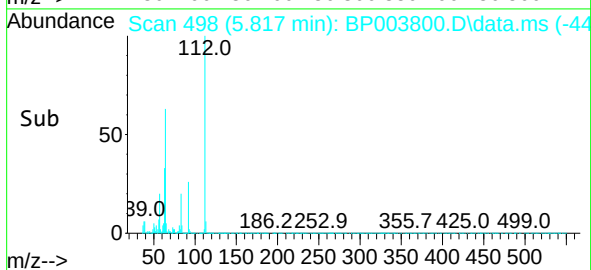
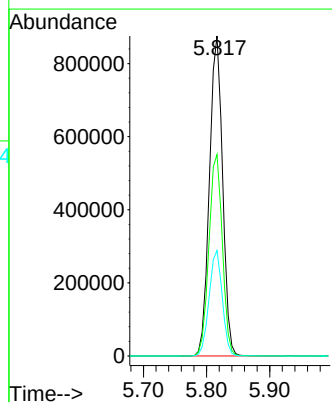
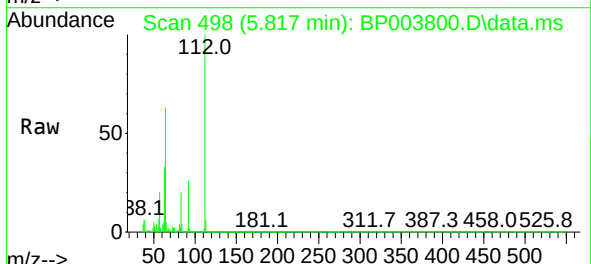
Instrument :
BNA_P
ClientSampled :

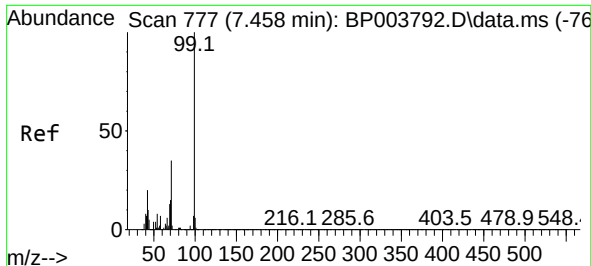
Tgt Ion:152 Resp: 159143
Ion Ratio Lower Upper
152 100
150 157.1 123.8 185.6
115 61.2 43.8 65.6



#5
2-Fluorophenol
Concen: 132.84 ng
RT: 5.817 min Scan# 498
Delta R.T. 0.006 min
Lab File: BP003800.D
Acq: 04 Nov 2020 10:34

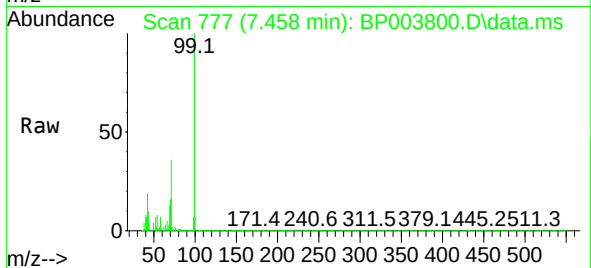
Tgt Ion:112 Resp: 1266630
Ion Ratio Lower Upper
112 100
64 63.0 32.8 49.2#
63 32.9 17.0 25.4#



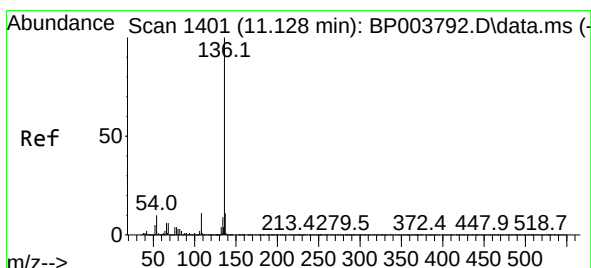
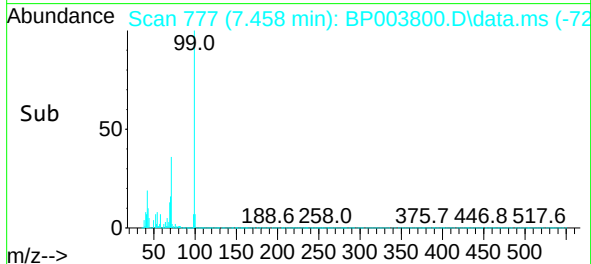
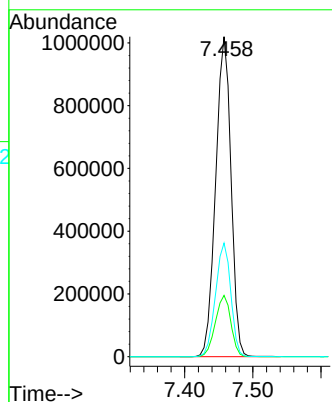


#7
Phenol-d6
Concen: 116.74 ng
RT: 7.458 min Scan# 777
Delta R.T. -0.000 min
Lab File: BP003800.D
Acq: 04 Nov 2020 10:34

Instrument :
BNA_P
ClientSampleId :

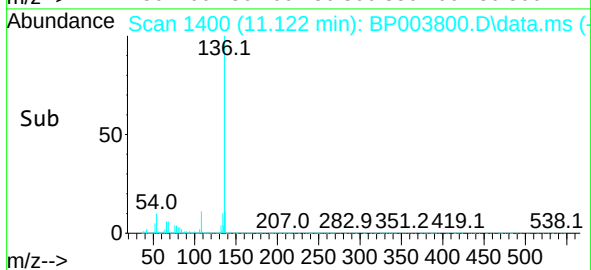
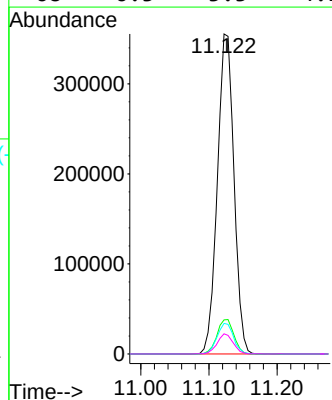
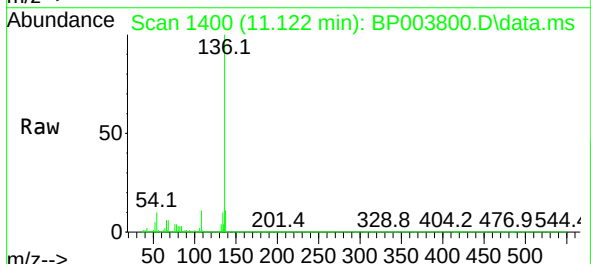


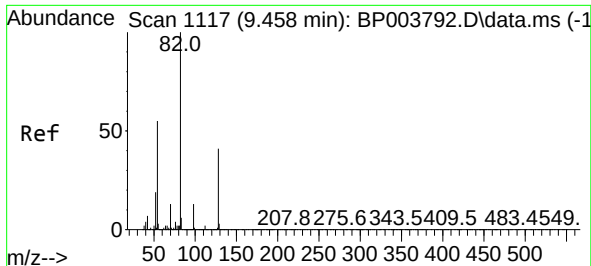
Tgt Ion: 99 Resp: 1597883
Ion Ratio Lower Upper
99 100
42 19.2 8.6 13.0#
71 35.5 23.4 35.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.122 min Scan# 1400
Delta R.T. -0.006 min
Lab File: BP003800.D
Acq: 04 Nov 2020 10:34

Tgt Ion:136 Resp: 602273
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 9.6 3.6 5.4#
68 6.3 3.3 4.9#

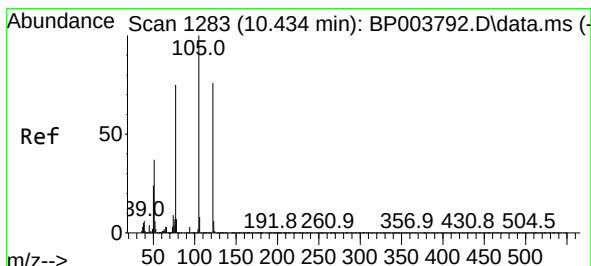
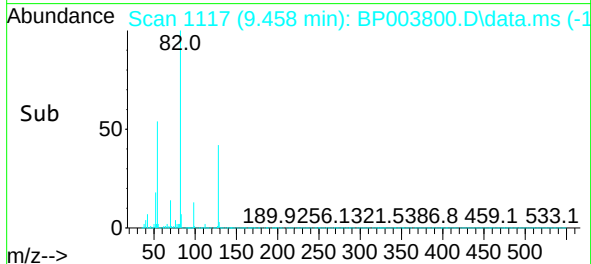
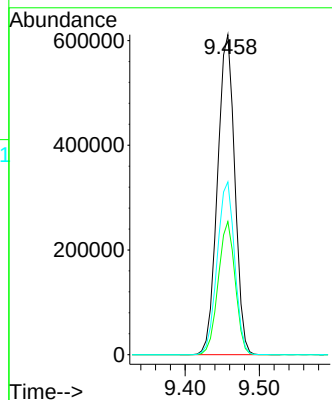
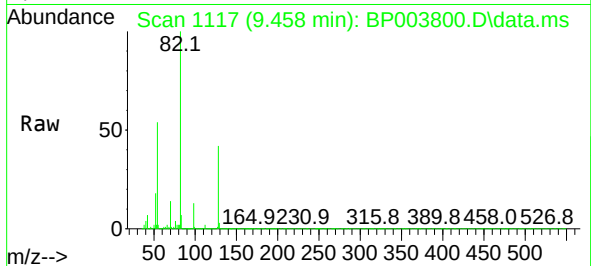




#23
Nitrobenzene-d5
Concen: 80.33 ng
RT: 9.458 min Scan# 1117
Delta R.T. -0.000 min
Lab File: BP003800.D
Acq: 04 Nov 2020 10:34

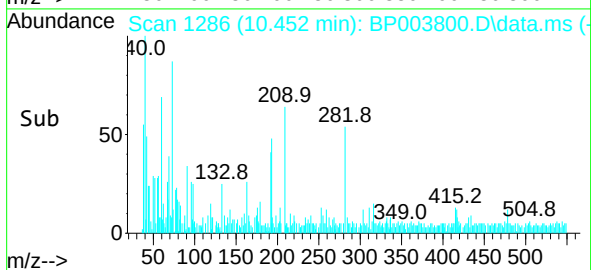
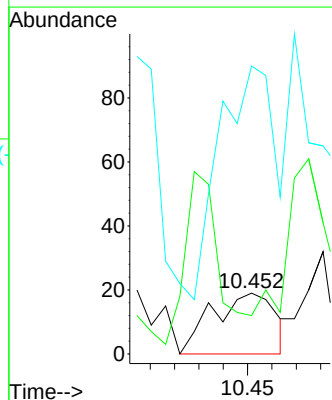
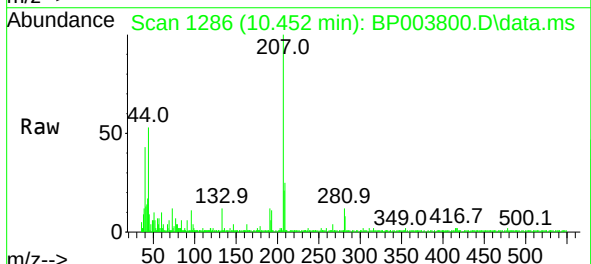
Instrument :
BNA_P
ClientSampleId :

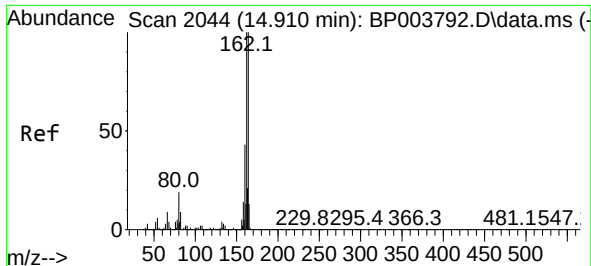
Tgt Ion: 82 Resp: 987918
Ion Ratio Lower Upper
82 100
128 41.6 45.6 68.4#
54 54.0 30.1 45.1#



#32
Benzoic acid
Concen: 8.31 ng
RT: 10.452 min Scan# 1286
Delta R.T. 0.018 min
Lab File: BP003800.D
Acq: 04 Nov 2020 10:34

Tgt Ion:122 Resp: 34
Ion Ratio Lower Upper
122 100
105 63.2 94.1 134.1#
77 473.7 50.1 90.1#

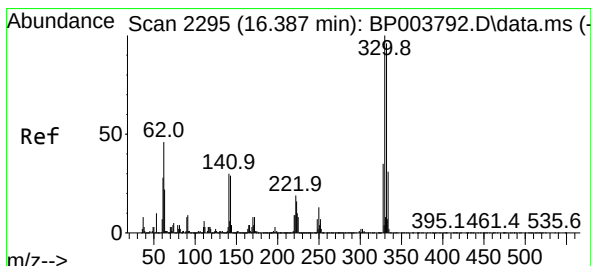
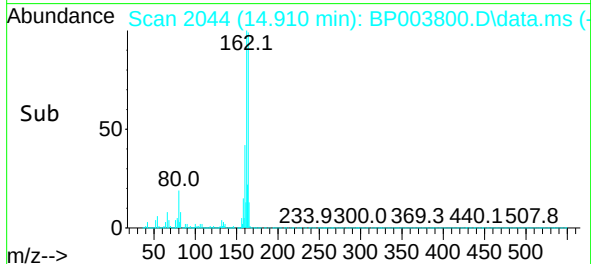
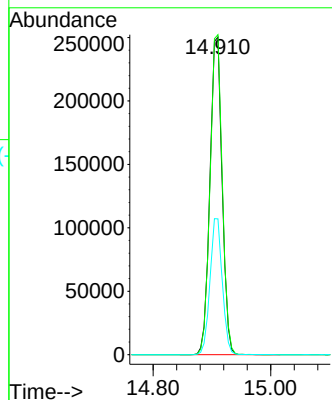
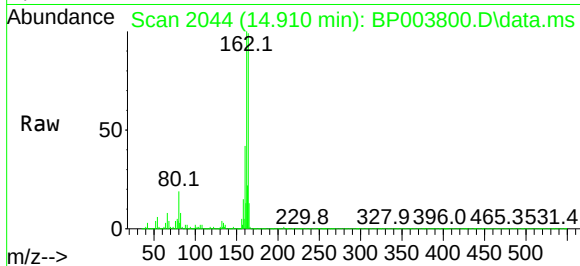




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.910 min Scan# 2044
Delta R.T. 0.000 min
Lab File: BP003800.D
Acq: 04 Nov 2020 10:34

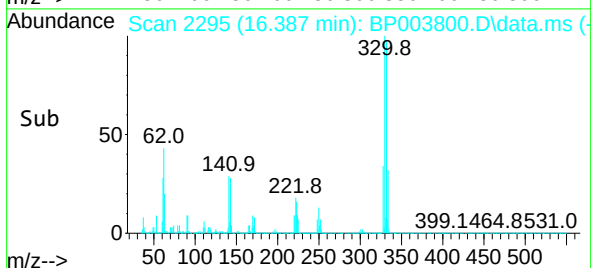
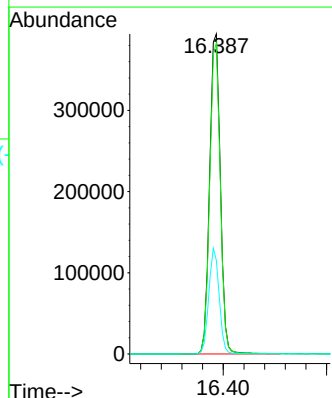
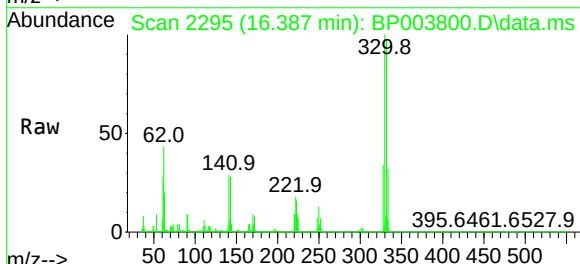
Instrument :
BNA_P
ClientSampled :

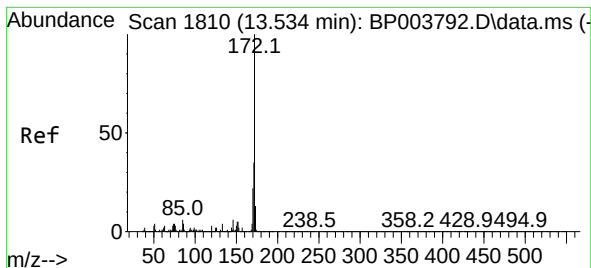
Tgt Ion:164 Resp: 360794
Ion Ratio Lower Upper
164 100
162 100.8 79.4 119.2
160 42.8 36.1 54.1



#42
2,4,6-Tribromophenol
Concen: 125.42 ng
RT: 16.387 min Scan# 2295
Delta R.T. -0.000 min
Lab File: BP003800.D
Acq: 04 Nov 2020 10:34

Tgt Ion:330 Resp: 565991
Ion Ratio Lower Upper
330 100
332 96.3 77.1 115.7
141 32.1 23.4 35.2

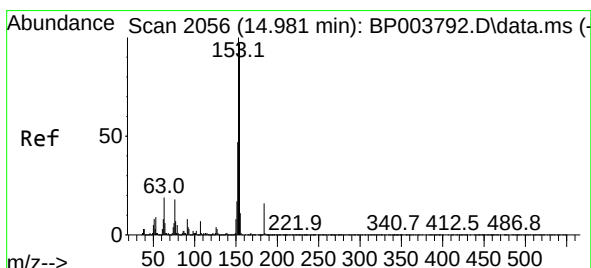
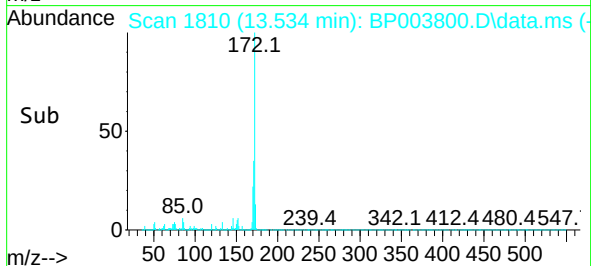
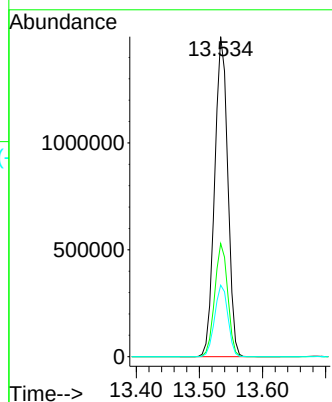
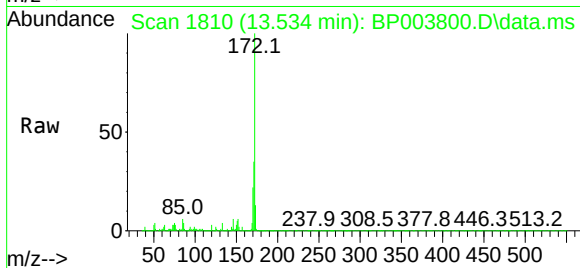




#45
2-Fluorobiphenyl
Concen: 83.74 ng
RT: 13.534 min Scan# 1810
Delta R.T. -0.000 min
Lab File: BP003800.D
Acq: 04 Nov 2020 10:34

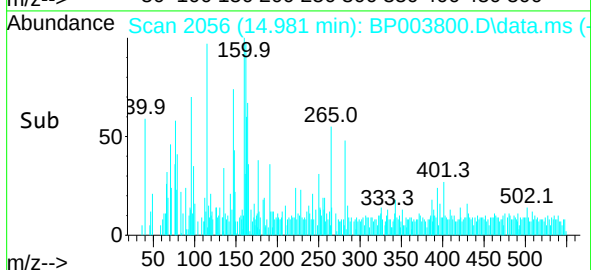
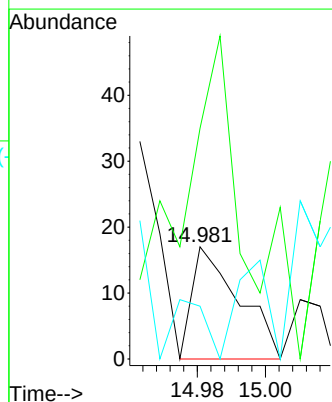
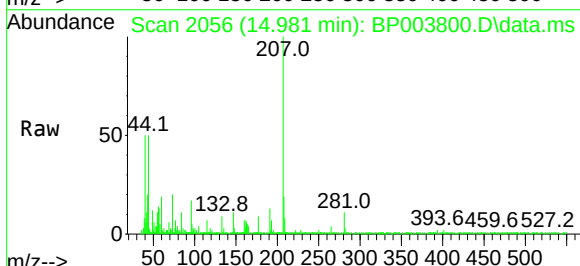
Instrument :
BNA_P
ClientSampleId :

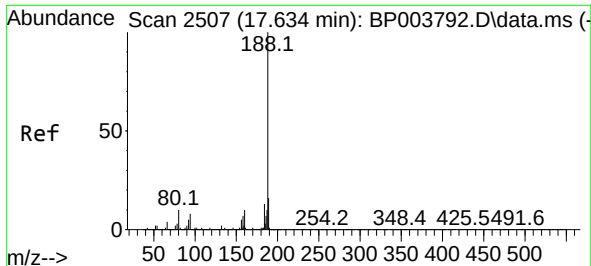
Tgt Ion:172 Resp: 2161140
Ion Ratio Lower Upper
172 100
171 35.4 28.5 42.7
170 22.4 19.2 28.8



#54
2,4-Dinitrophenol
Concen: 2.74 ng
RT: 14.981 min Scan# 2056
Delta R.T. -0.000 min
Lab File: BP003800.D
Acq: 04 Nov 2020 10:34

Tgt Ion:184 Resp: 16
Ion Ratio Lower Upper
184 100
63 205.9 32.3 48.5#
154 47.1 49.1 73.7#

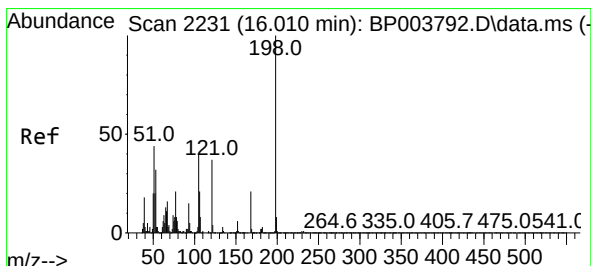
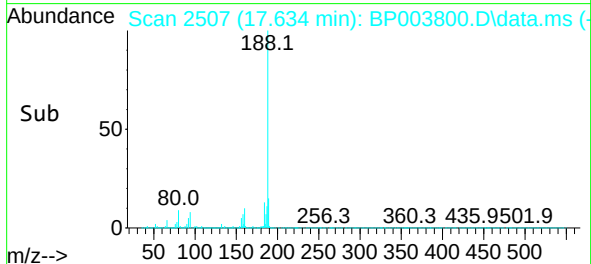
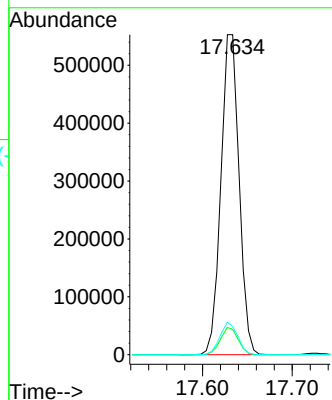
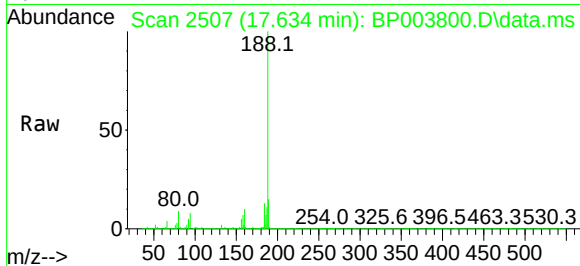




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.634 min Scan# 2507
Delta R.T. -0.000 min
Lab File: BP003800.D
Acq: 04 Nov 2020 10:34

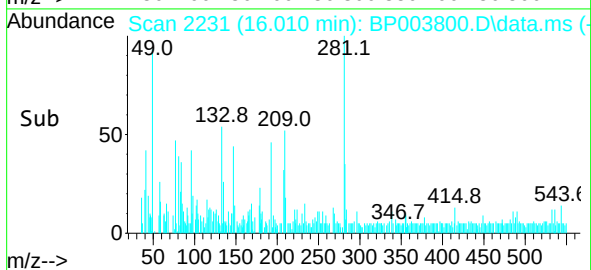
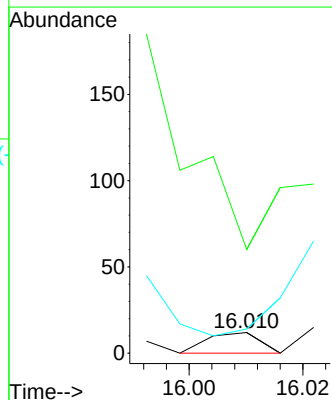
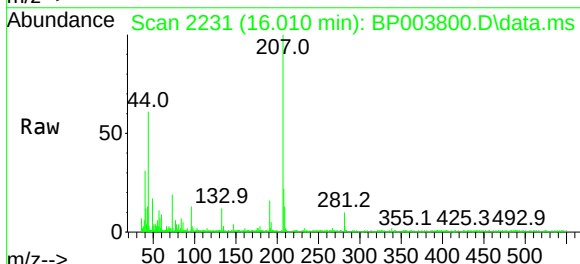
Instrument :
BNA_P
ClientSampleId :

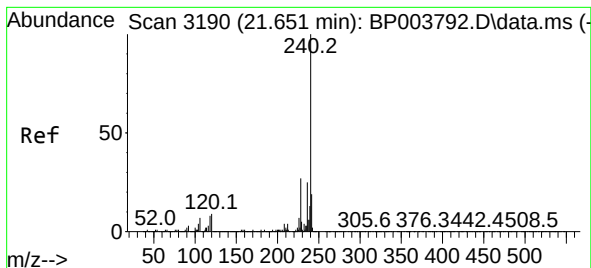
Tgt Ion:188 Resp: 776804
Ion Ratio Lower Upper
188 100
94 7.9 6.2 9.2
80 8.8 6.2 9.2



#65
4,6-Dinitro-2-methylphenol
Concen: 6.34 ng
RT: 16.010 min Scan# 2231
Delta R.T. 0.000 min
Lab File: BP003800.D
Acq: 04 Nov 2020 10:34

Tgt Ion:198 Resp: 8
Ion Ratio Lower Upper
198 100
51 683.3 6.4 46.4#
105 116.7 18.9 58.9#





#76

Chrysene-d12

Concen: 20.00 ng

RT: 21.645 min Scan# 3189

Delta R.T. -0.006 min

Lab File: BP003800.D

Acq: 04 Nov 2020 10:34

Tgt Ion:240 Resp: 780531

Ion Ratio Lower Upper

240 100

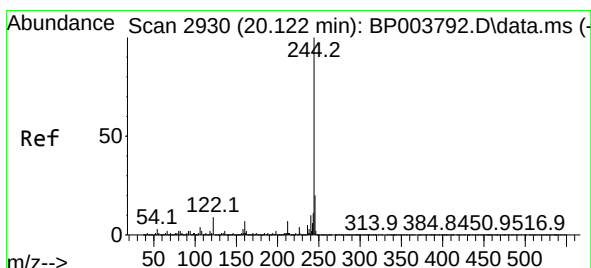
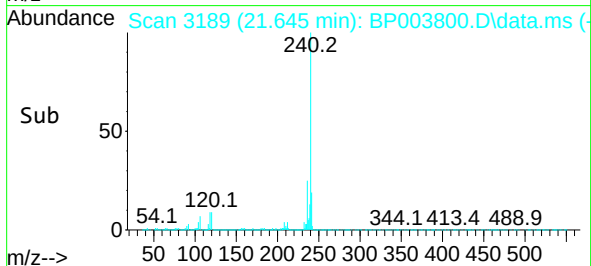
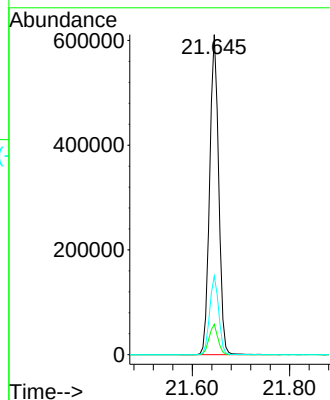
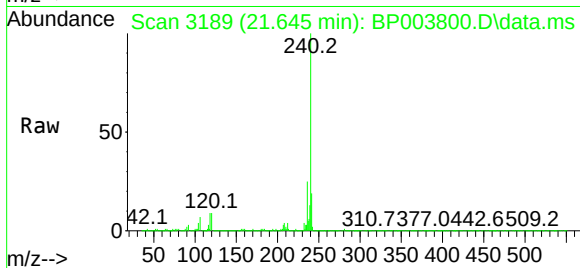
120 9.5 7.8 11.6

236 24.6 20.8 31.2

Instrument :

BNA_P

ClientSampled :



#79

Terphenyl-d14

Concen: 77.74 ng

RT: 20.122 min Scan# 2930

Delta R.T. -0.000 min

Lab File: BP003800.D

Acq: 04 Nov 2020 10:34

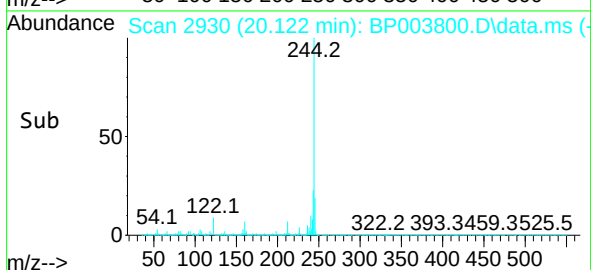
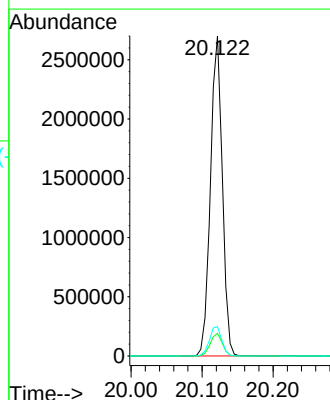
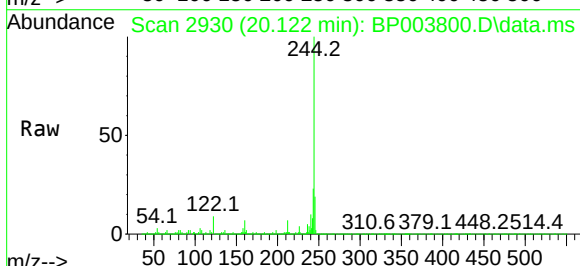
Tgt Ion:244 Resp: 3140899

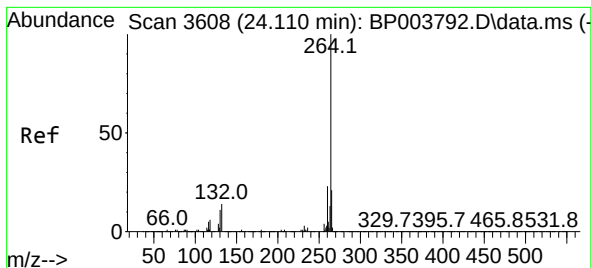
Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.6

122 9.1 7.8 11.8





#86

Perylene-d12

Concen: 20.00 ng

RT: 24.104 min Scan# 3607

Delta R.T. -0.006 min

Lab File: BP003800.D

Acq: 04 Nov 2020 10:34

Tgt Ion:264 Resp: 770758

Ion Ratio Lower Upper

264 100

260 22.7 18.8 28.2

265 22.0 17.4 26.2

