

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111820\
 Data File : BP003998.D
 Acq On : 18 Nov 2020 17:42
 Operator : CG/JU
 Sample : L4778-07
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 358

Quant Time: Nov 19 01:33:32 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 12 15:22:47 2020
 Response via : Initial Calibration

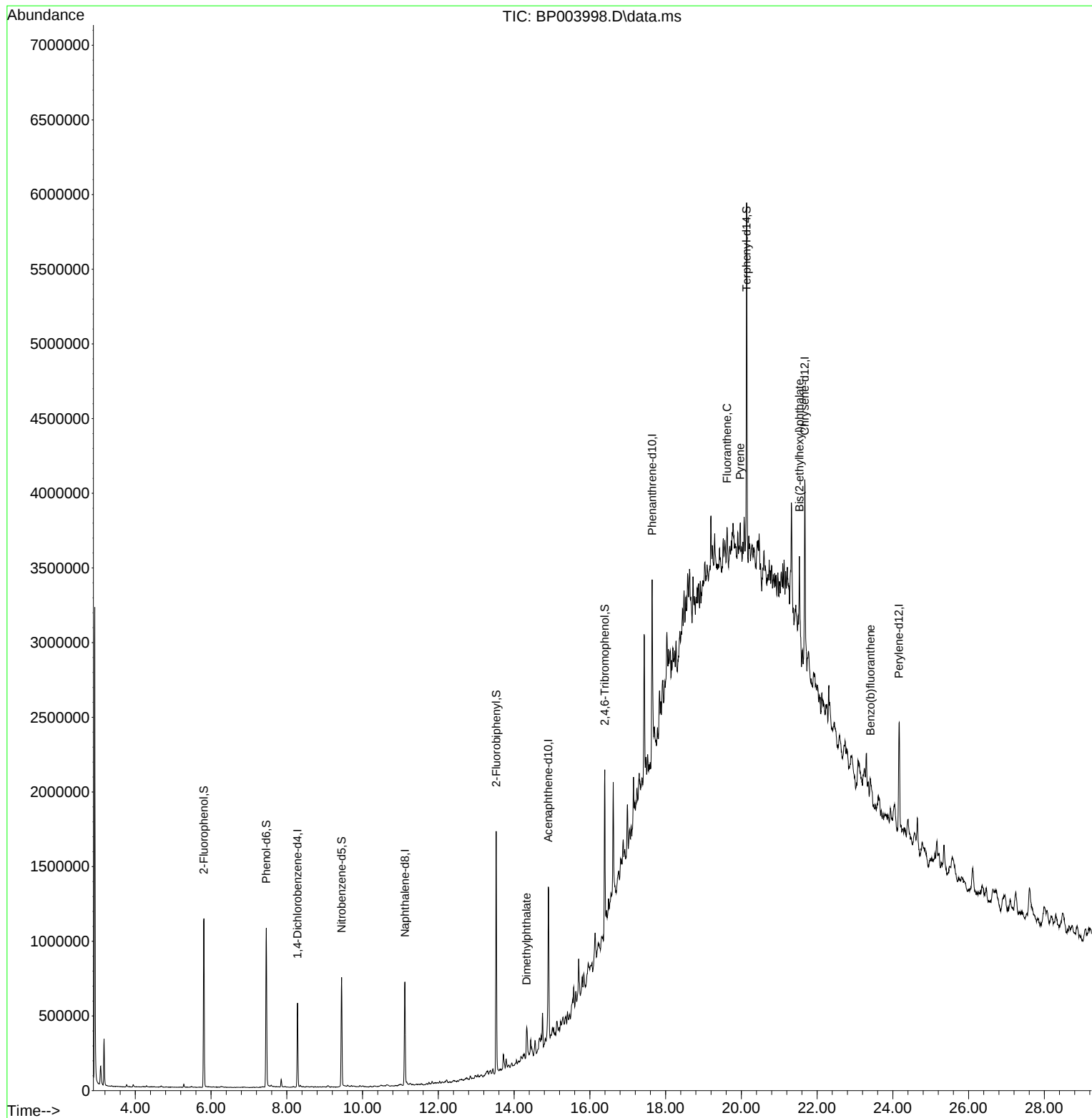
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.281	152	145516	20.00	ng	0.00
21) Naphthalene-d8	11.116	136	562290	20.00	ng	# 0.00
39) Acenaphthene-d10	14.904	164	340574	20.00	ng	0.00
64) Phenanthrene-d10	17.645	188	630785	20.00	ng	# 0.00
76) Chrysene-d12	21.674	240	584494	20.00	ng	0.00
86) Perylene-d12	24.162	264	624630	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.810	112	473244	54.28	ng	0.00
7) Phenol-d6	7.457	99	597358	47.73	ng	0.00
23) Nitrobenzene-d5	9.446	82	412705	35.95	ng	0.00
42) 2,4,6-Tribromophenol	16.392	330	206502	48.48	ng	0.00
45) 2-Fluorobiphenyl	13.528	172	853448	35.03	ng	0.00
79) Terphenyl-d14	20.139	244	956873	31.63	ng	0.00
Target Compounds						Qvalue
50) Dimethylphthalate	14.328	163	125445	4.71	ng	97
75) Fluoranthene	19.621	202	104577	2.56	ng	83
78) Pyrene	19.969	202	97620	2.46	ng	# 89
84) Bis(2-ethylhexyl)phtha...	21.533	149	114544	5.26	ng	91
88) Benzo(b)fluoranthene	23.410	252	102659	2.51	ng	# 53

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

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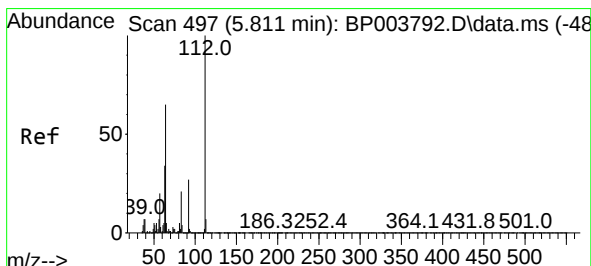
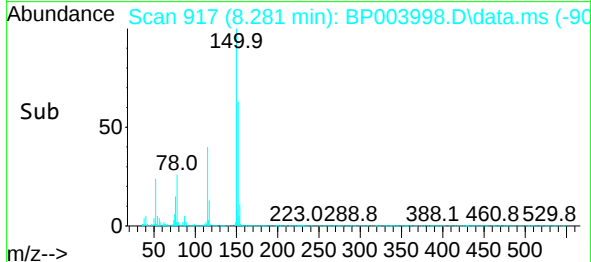
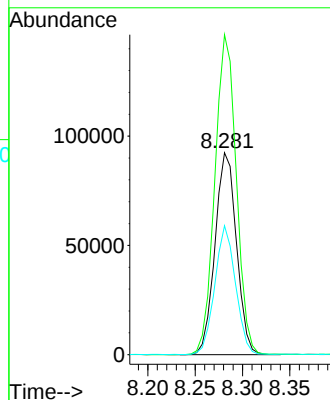
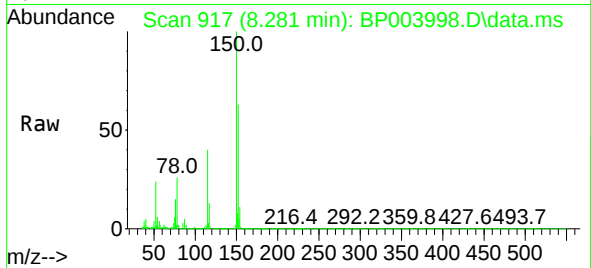




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.281 min Scan# 917
Delta R.T. -0.000 min
Lab File: BP003998.D
Acq: 18 Nov 2020 17:42

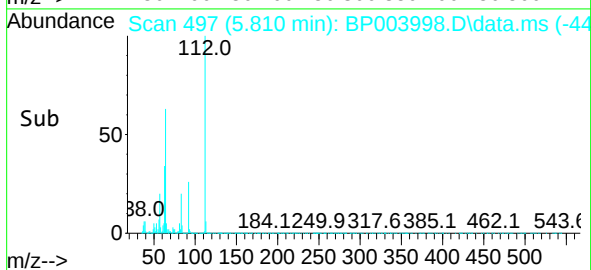
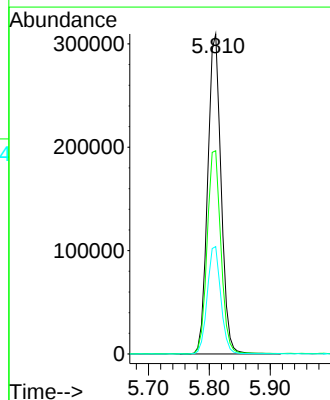
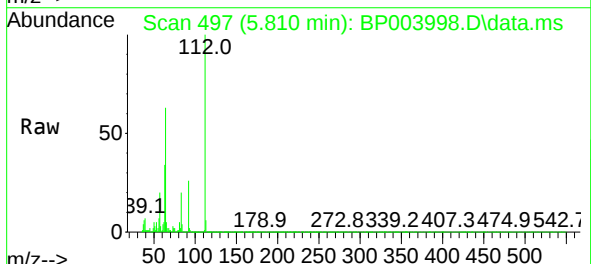
Instrument :
BNA_P
ClientSampled :
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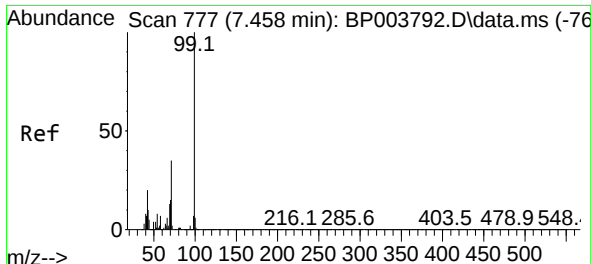
Tgt Ion:152 Resp: 145516
Ion Ratio Lower Upper
152 100
150 158.5 123.8 185.6
115 63.9 43.8 65.6



#5
2-Fluorophenol
Concen: 54.28 ng
RT: 5.810 min Scan# 497
Delta R.T. 0.006 min
Lab File: BP003998.D
Acq: 18 Nov 2020 17:42

Tgt Ion:112 Resp: 473244
Ion Ratio Lower Upper
112 100
64 63.5 32.8 49.2#
63 33.5 17.0 25.4#

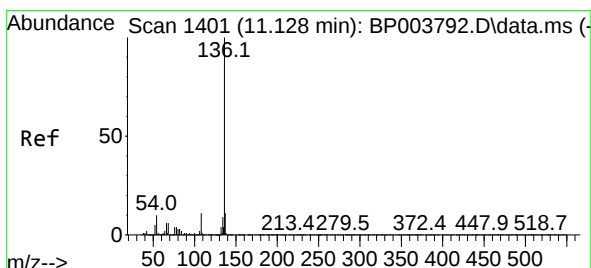
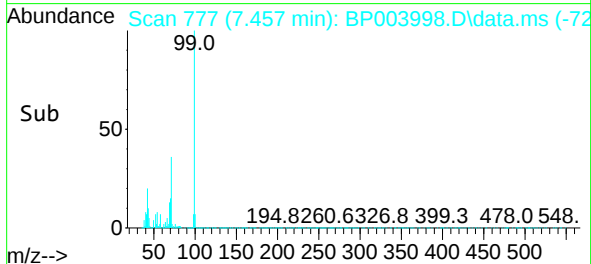
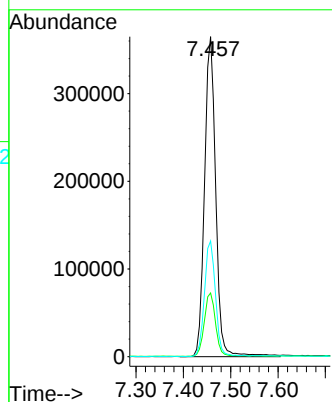
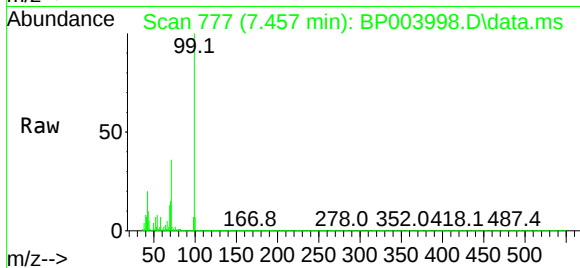




#7
Phenol-d6
Concen: 47.73 ng
RT: 7.457 min Scan# 777
Delta R.T. 0.006 min
Lab File: BP003998.D
Acq: 18 Nov 2020 17:42

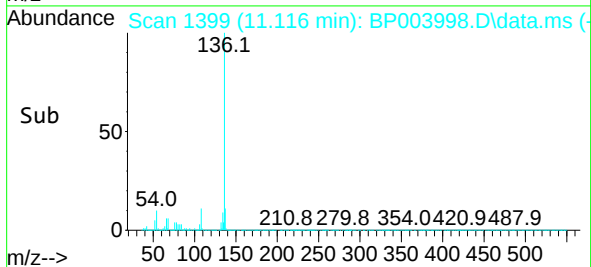
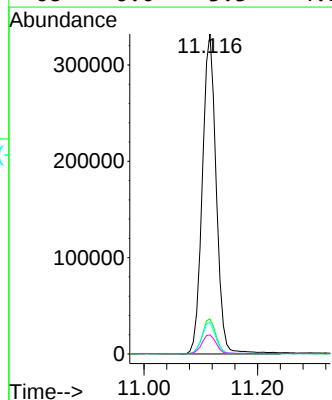
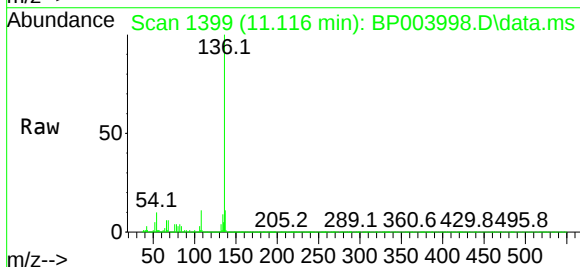
Instrument :
BNA_P
ClientSampled :
358

Tgt Ion: 99 Resp: 597358
Ion Ratio Lower Upper
99 100
42 19.9 8.6 13.0#
71 36.2 23.4 35.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.116 min Scan# 1399
Delta R.T. -0.000 min
Lab File: BP003998.D
Acq: 18 Nov 2020 17:42

Tgt Ion: 136 Resp: 562290
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 9.8 3.6 5.4#
68 6.0 3.3 4.9#

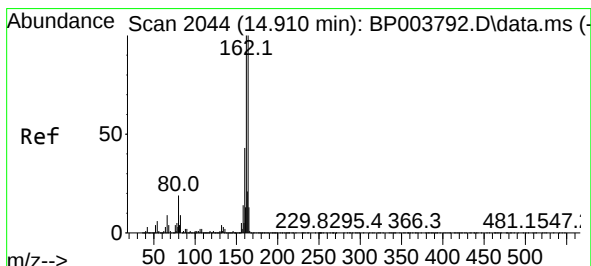
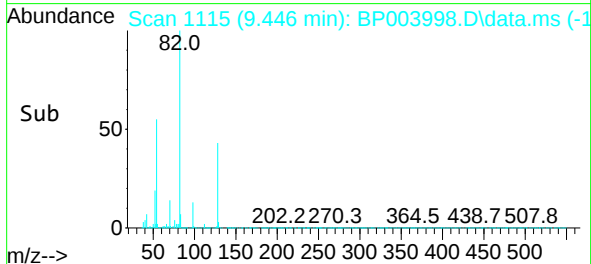
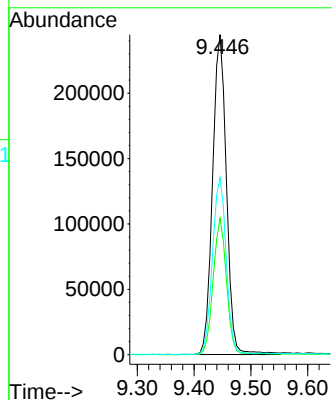
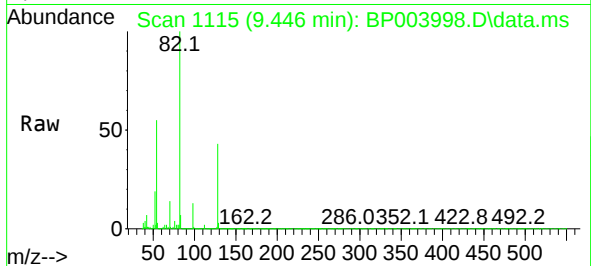




#23
Nitrobenzene-d5
Concen: 35.95 ng
RT: 9.446 min Scan# 1115
Delta R.T. -0.000 min
Lab File: BP003998.D
Acq: 18 Nov 2020 17:42

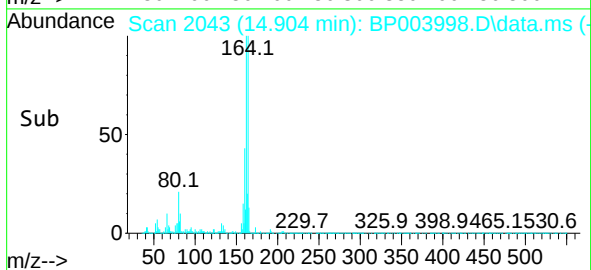
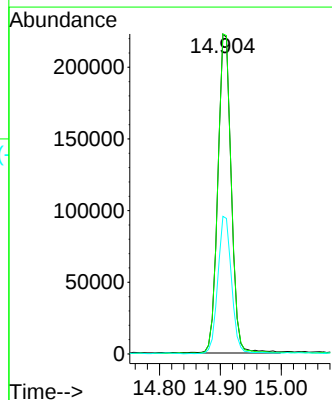
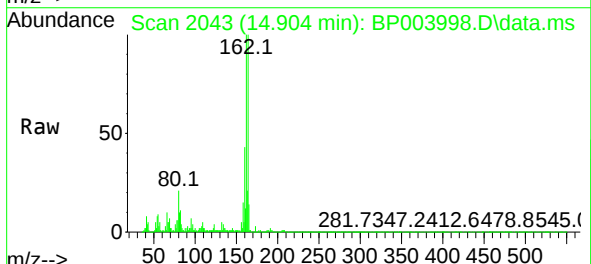
Instrument :
BNA_P
ClientSampled :
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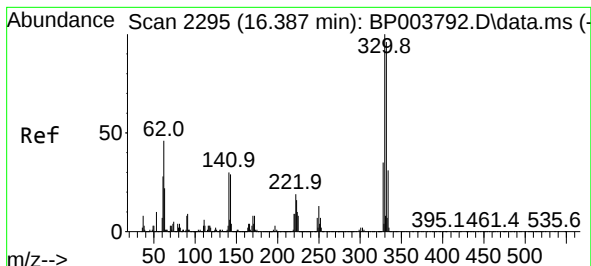
Tgt Ion: 82 Resp: 412705
Ion Ratio Lower Upper
82 100
128 42.6 45.6 68.4#
54 55.4 30.1 45.1#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.904 min Scan# 2043
Delta R.T. -0.006 min
Lab File: BP003998.D
Acq: 18 Nov 2020 17:42

Tgt Ion: 164 Resp: 340574
Ion Ratio Lower Upper
164 100
162 100.1 79.4 119.2
160 43.0 36.1 54.1

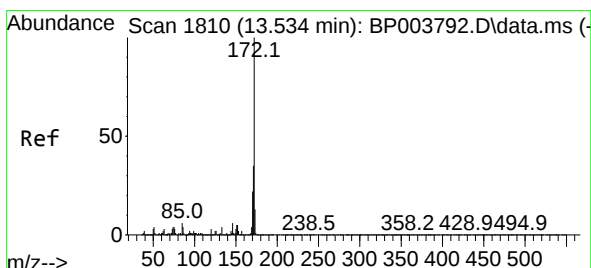
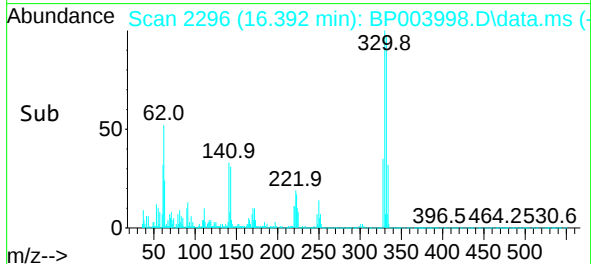
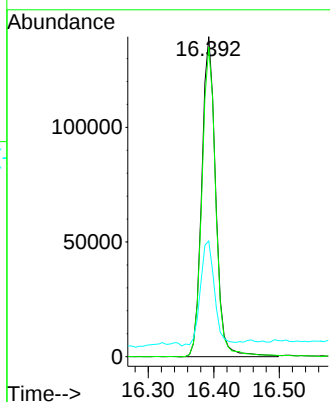
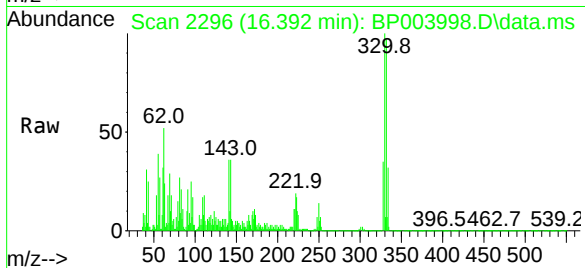




#42
2,4,6-Tribromophenol
Concen: 48.48 ng
RT: 16.392 min Scan# 2296
Delta R.T. -0.000 min
Lab File: BP003998.D
Acq: 18 Nov 2020 17:42

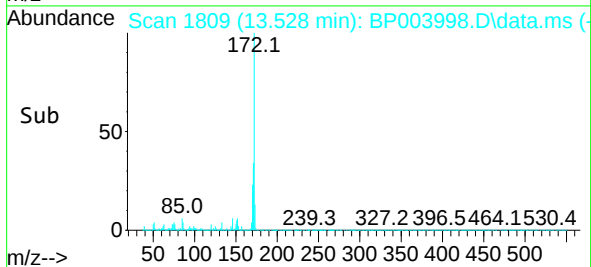
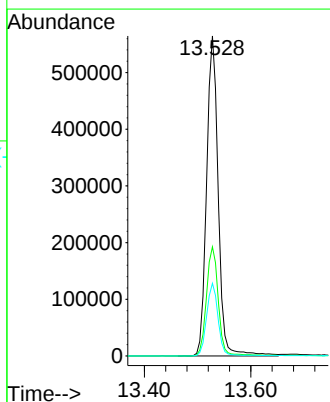
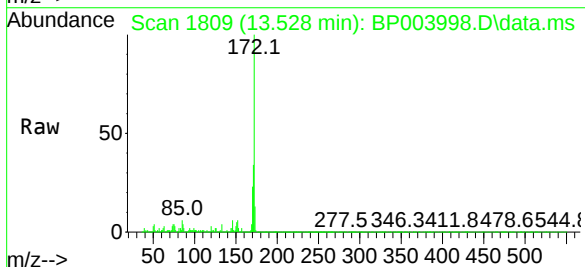
Instrument :
BNA_P
ClientSampled :
358

Tgt Ion:330 Resp: 206502
Ion Ratio Lower Upper
330 100
332 96.5 77.1 115.7
141 33.8 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 35.03 ng
RT: 13.528 min Scan# 1809
Delta R.T. -0.000 min
Lab File: BP003998.D
Acq: 18 Nov 2020 17:42

Tgt Ion:172 Resp: 853448
Ion Ratio Lower Upper
172 100
171 34.1 28.5 42.7
170 22.7 19.2 28.8

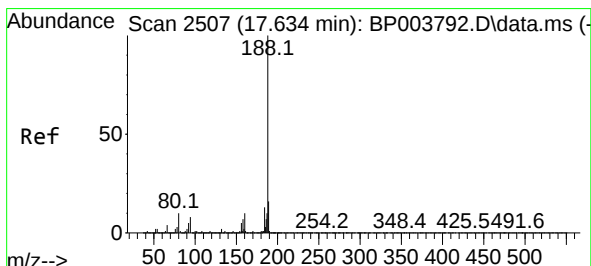
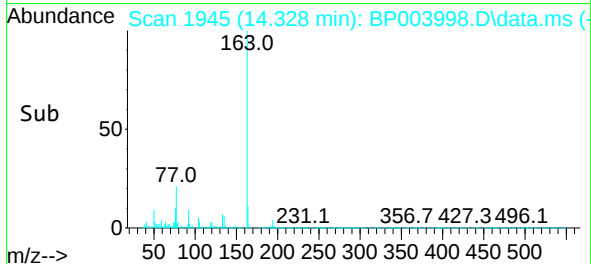
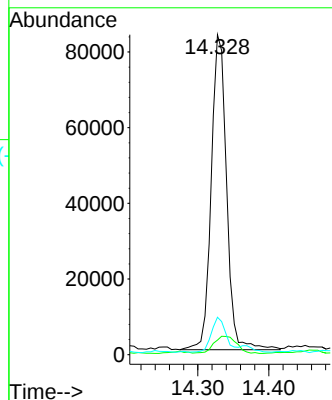
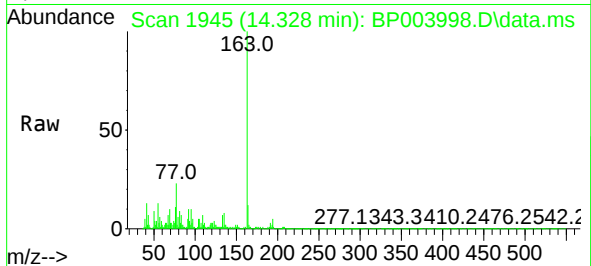




#50
Dimethylphthalate
Concen: 4.71 ng
RT: 14.328 min Scan# 1945
Delta R.T. -0.006 min
Lab File: BP003998.D
Acq: 18 Nov 2020 17:42

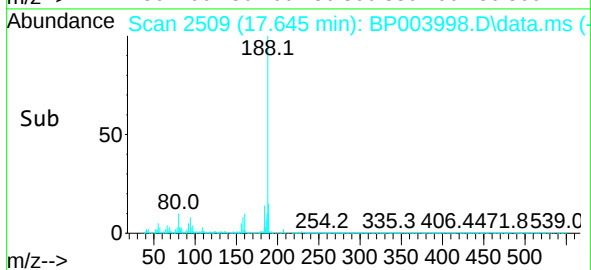
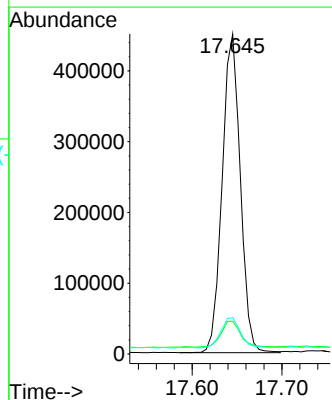
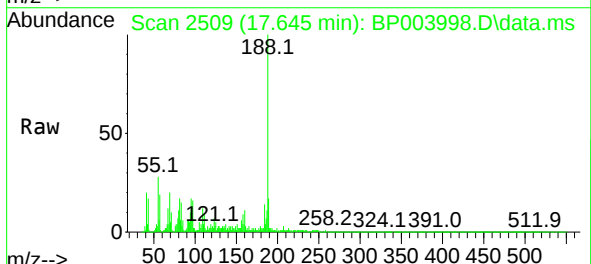
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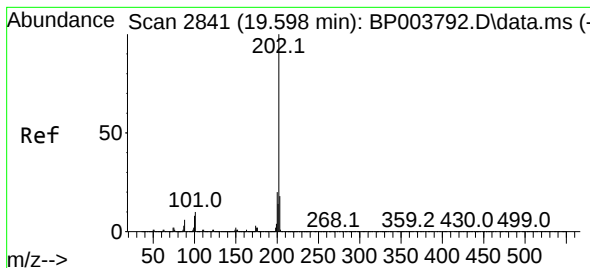
Tgt Ion:163 Resp: 125445
Ion Ratio Lower Upper
163 100
194 4.5 3.3 4.9
164 11.7 8.2 12.2



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.645 min Scan# 2509
Delta R.T. 0.006 min
Lab File: BP003998.D
Acq: 18 Nov 2020 17:42

Tgt Ion:188 Resp: 630785
Ion Ratio Lower Upper
188 100
94 10.2 6.2 9.2#
80 11.3 6.2 9.2#

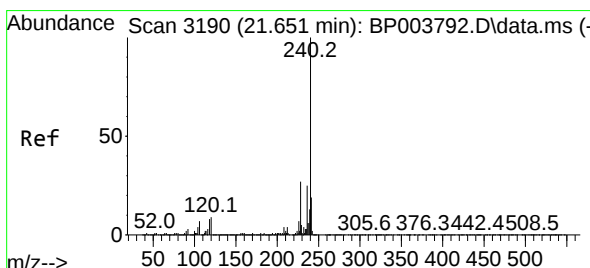
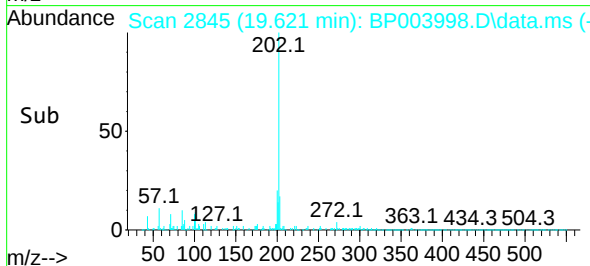
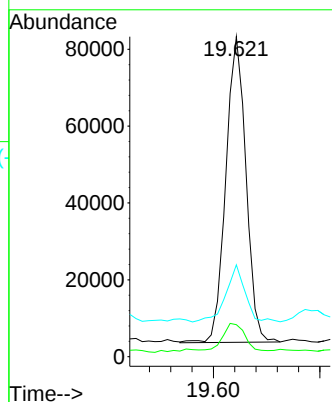
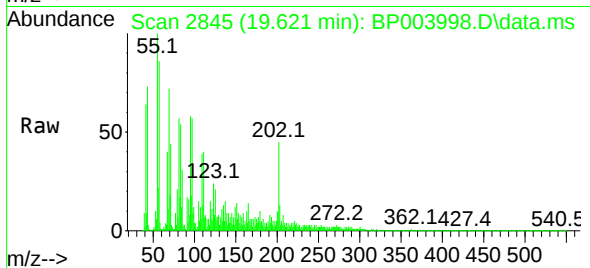




#75
Fluoranthene
Concen: 2.56 ng
RT: 19.621 min Scan# 2845
Delta R.T. 0.006 min
Lab File: BP003998.D
Acq: 18 Nov 2020 17:42

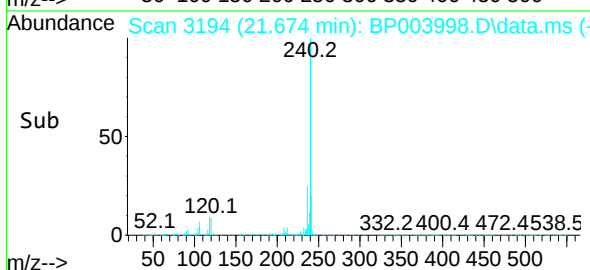
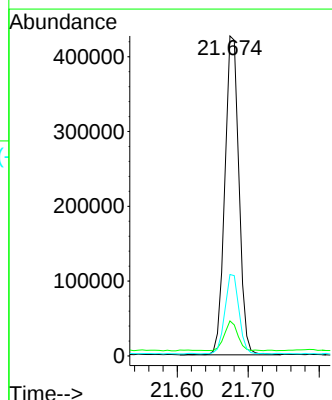
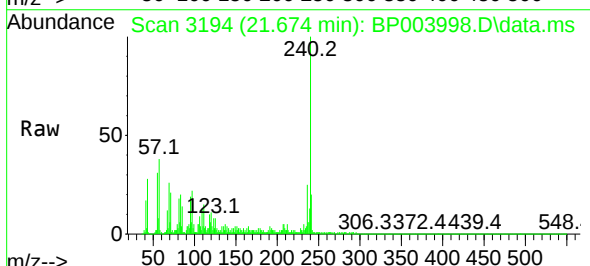
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ClientSampled :
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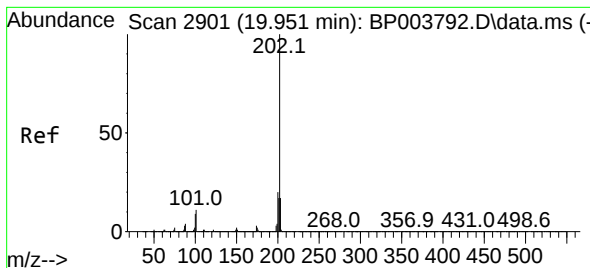
Tgt Ion:202 Resp: 104577
Ion Ratio Lower Upper
202 100
101 10.0 0.0 29.4
203 28.7 0.0 37.8



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.674 min Scan# 3194
Delta R.T. -0.000 min
Lab File: BP003998.D
Acq: 18 Nov 2020 17:42

Tgt Ion:240 Resp: 584494
Ion Ratio Lower Upper
240 100
120 10.9 7.8 11.6
236 25.4 20.8 31.2





#78

Pyrene

Concen: 2.46 ng

RT: 19.969 min Scan# 2904

Delta R.T. 0.006 min

Lab File: BP003998.D

Acq: 18 Nov 2020 17:42

Instrument :

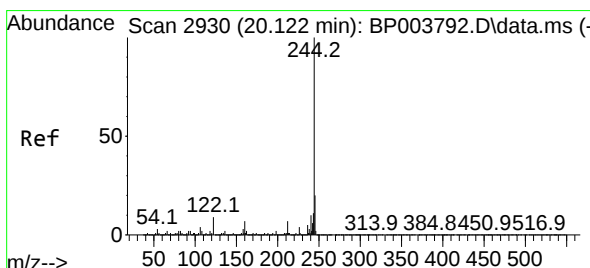
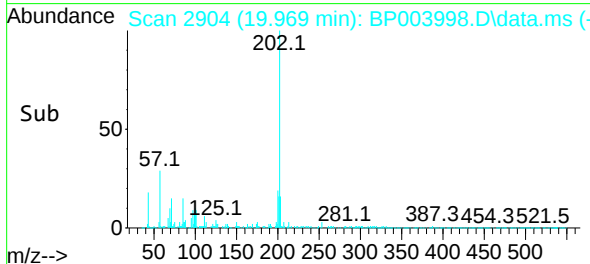
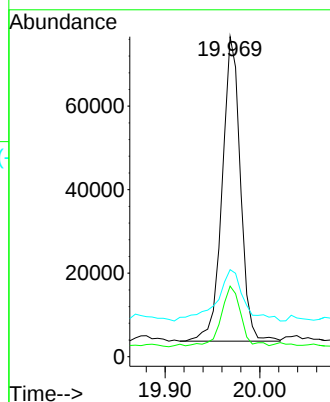
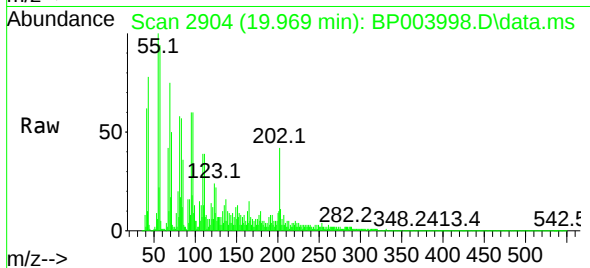
BNA_P

ClientSampled :

358

Tgt Ion:202 Resp: 97620

Ion	Ratio	Lower	Upper
202	100		
200	22.1	17.1	25.7
203	27.2	14.2	21.2#



#79

Terphenyl-d14

Concen: 31.63 ng

RT: 20.139 min Scan# 2933

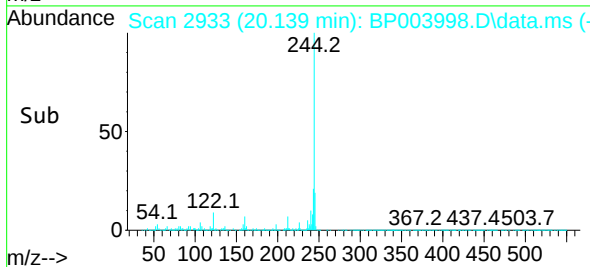
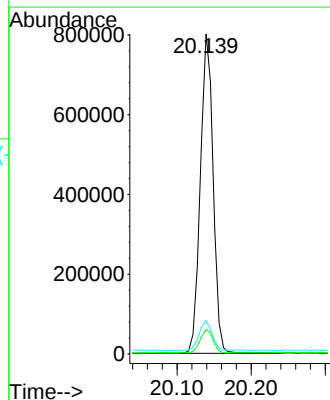
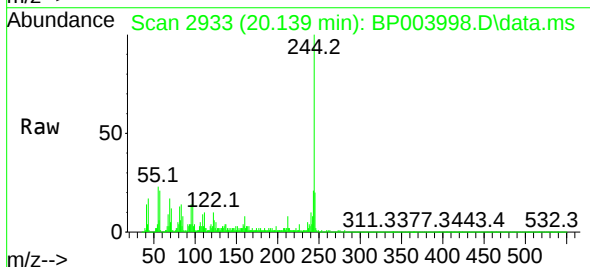
Delta R.T. 0.006 min

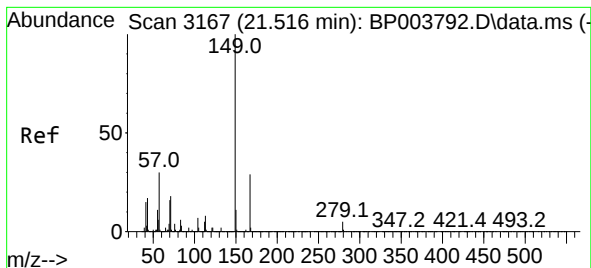
Lab File: BP003998.D

Acq: 18 Nov 2020 17:42

Tgt Ion:244 Resp: 956873

Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.8	8.6
122	10.4	7.8	11.8

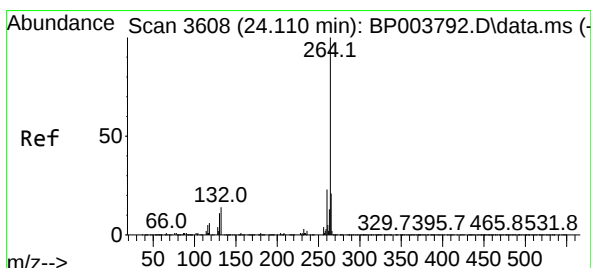
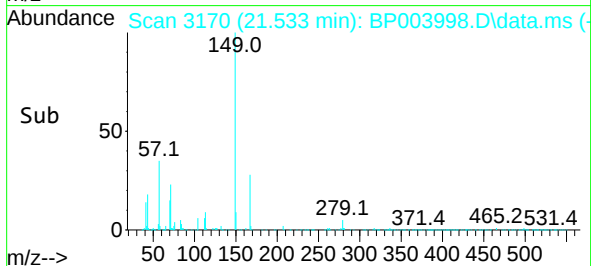
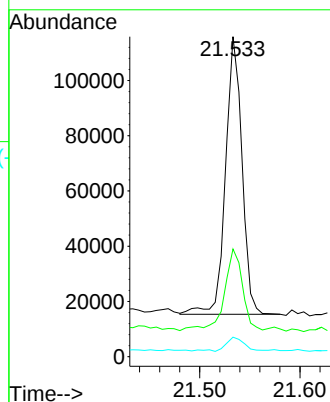
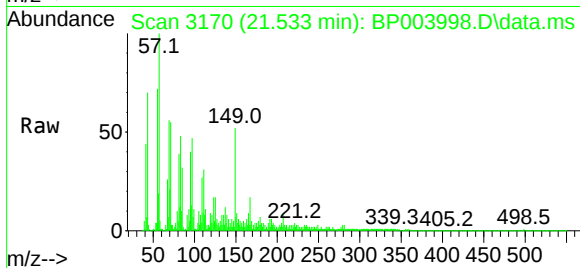




#84
Bis(2-ethylhexyl)phthalate
Concen: 5.26 ng
RT: 21.533 min Scan# 3170
Delta R.T. -0.000 min
Lab File: BP003998.D
Acq: 18 Nov 2020 17:42

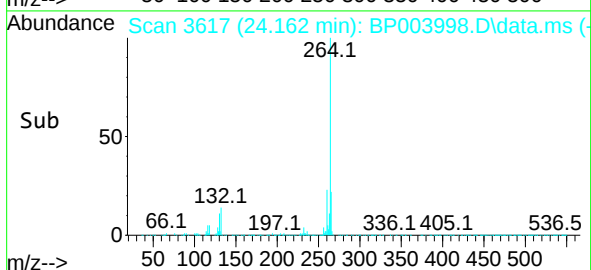
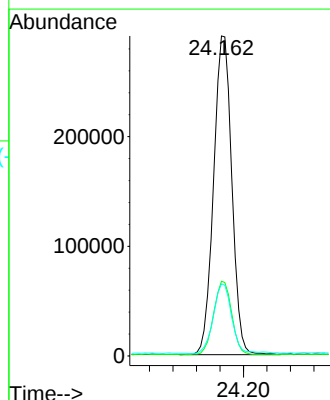
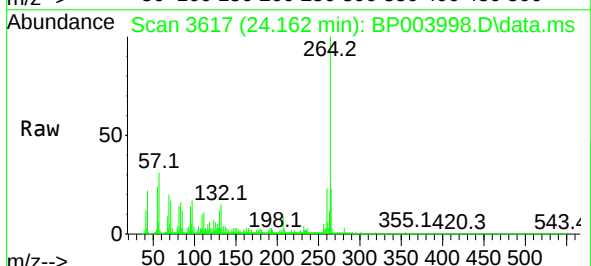
Instrument :
BNA_P
ClientSampled :
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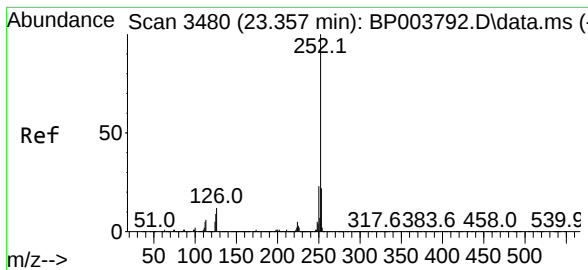
Tgt Ion:149 Resp: 114544
Ion Ratio Lower Upper
149 100
167 33.7 22.6 34.0
279 6.1 4.2 6.2



#86
Perylene-d12
Concen: 20.00 ng
RT: 24.162 min Scan# 3617
Delta R.T. 0.006 min
Lab File: BP003998.D
Acq: 18 Nov 2020 17:42

Tgt Ion:264 Resp: 624630
Ion Ratio Lower Upper
264 100
260 23.4 18.8 28.2
265 22.5 17.4 26.2





#88

Benzo(b)fluoranthene

Concen: 2.51 ng

RT: 23.410 min Scan# 3489

Delta R.T. 0.006 min

Lab File: BP003998.D

Acq: 18 Nov 2020 17:42

Instrument :

BNA_P

ClientSampleId :

358

Tgt Ion:252 Resp: 102659

Ion Ratio Lower Upper

252 100

253 28.0 17.6 26.4#

125 56.4 7.3 10.9#

