

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111820\
 Data File : BP003994.D
 Acq On : 18 Nov 2020 15:26
 Operator : CG/JU
 Sample : L4776-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 ND-SOIL

Quant Time: Nov 18 17:26:22 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)

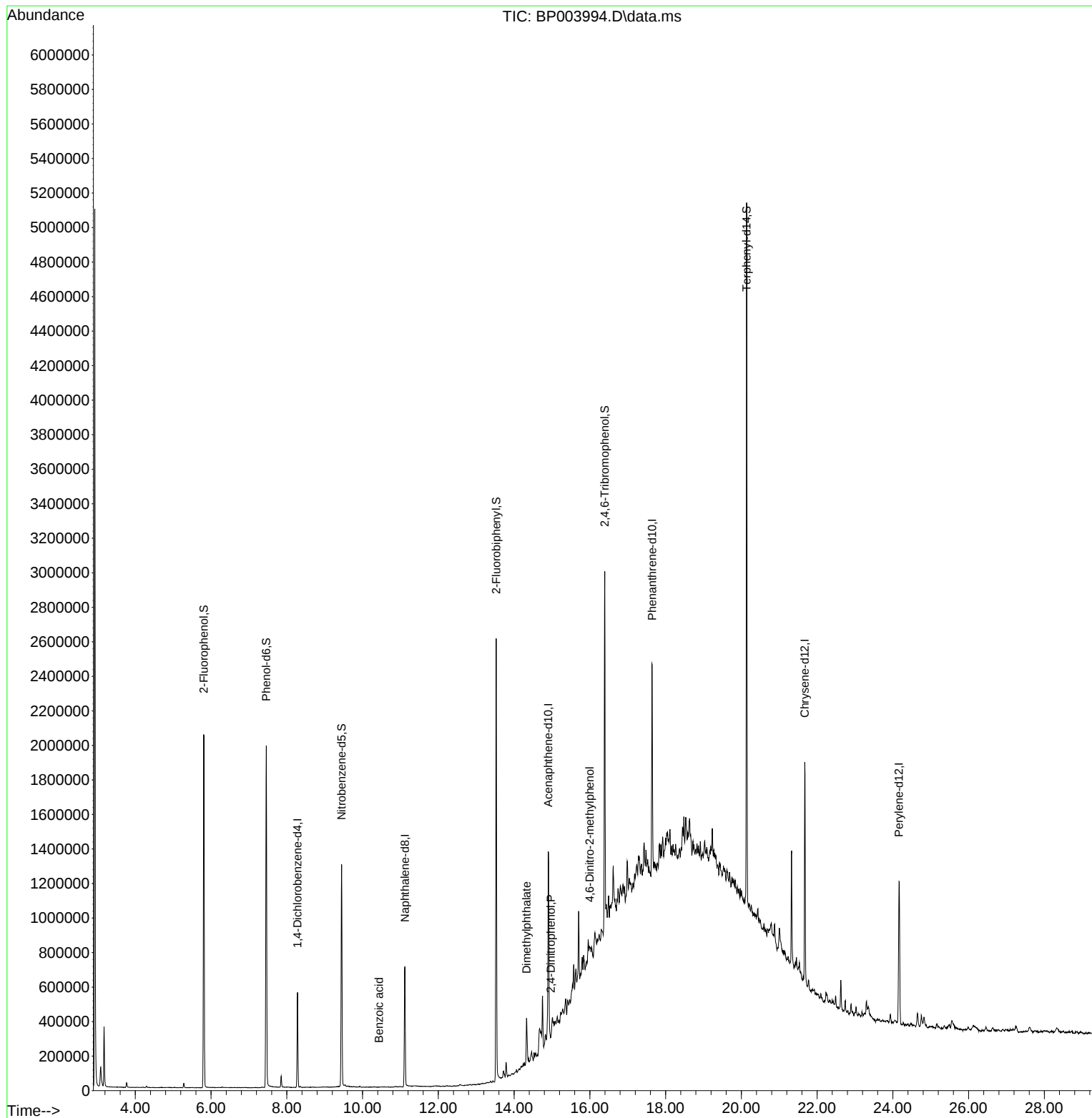
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.281	152	143714	20.00	ng	0.00
21) Naphthalene-d8	11.116	136	561992	20.00	ng	# 0.00
39) Acenaphthene-d10	14.904	164	352643	20.00	ng	0.00
64) Phenanthrene-d10	17.645	188	688237	20.00	ng	# 0.00
76) Chrysene-d12	21.674	240	643632	20.00	ng	0.00
86) Perylene-d12	24.162	264	658338	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.810	112	850290	98.75	ng	0.00
7) Phenol-d6	7.457	99	1106894	89.55	ng	0.00
23) Nitrobenzene-d5	9.446	82	714847	62.30	ng	0.00
42) 2,4,6-Tribromophenol	16.392	330	400239	90.74	ng	0.00
45) 2-Fluorobiphenyl	13.528	172	1332282	52.82	ng	0.00
79) Terphenyl-d14	20.139	244	1608118	48.27	ng	0.00
Target Compounds						
9) Benzaldehyde	7.393	77	234	Below Cal	#	28
32) Benzoic acid	10.434	122	47	8.31	ng	# 1
50) Dimethylphthalate	14.328	163	171663	6.23	ng	98
54) 2,4-Dinitrophenol	14.969	184	61	2.76	ng	# 1
65) 4,6-Dinitro-2-methylph...	15.992	198	1299	6.65	ng	# 1

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 12 15:22:47 2020
Response via : Initial Calibration

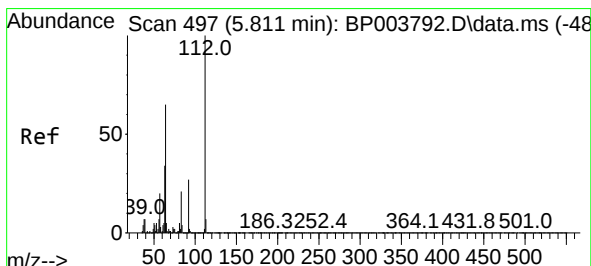
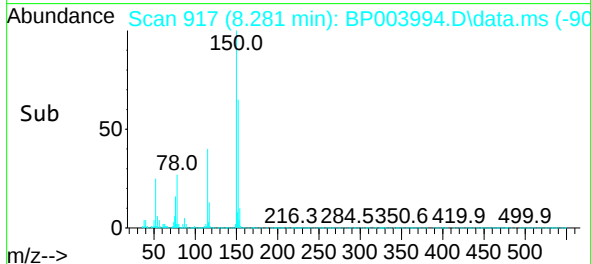
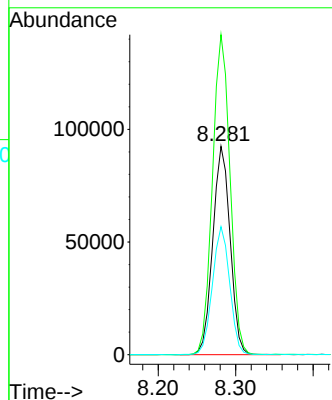
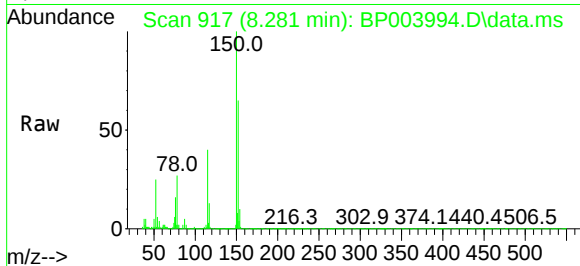




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.281 min Scan# 917
Delta R.T. -0.000 min
Lab File: BP003994.D
Acq: 18 Nov 2020 15:26

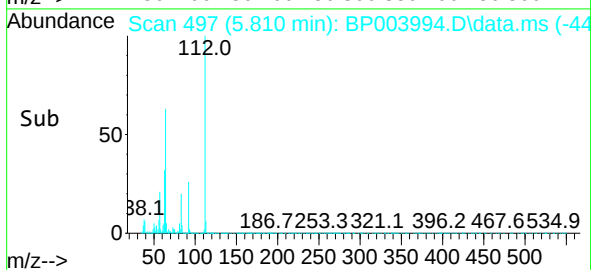
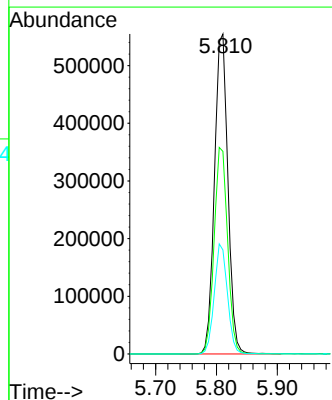
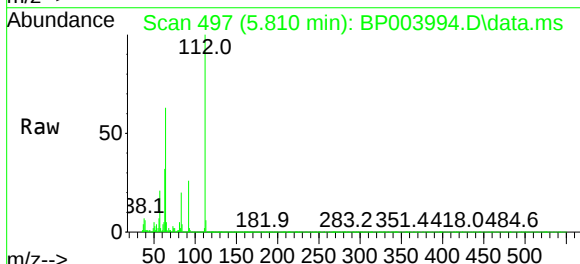
Instrument :
BNA_P
ClientSampleId :
ND-SOIL

Tgt Ion:152 Resp: 143714
Ion Ratio Lower Upper
152 100
150 153.6 123.8 185.6
115 61.4 43.8 65.6



#5
2-Fluorophenol
Concen: 98.75 ng
RT: 5.810 min Scan# 497
Delta R.T. 0.006 min
Lab File: BP003994.D
Acq: 18 Nov 2020 15:26

Tgt Ion:112 Resp: 850290
Ion Ratio Lower Upper
112 100
64 63.3 32.8 49.2#
63 32.5 17.0 25.4#

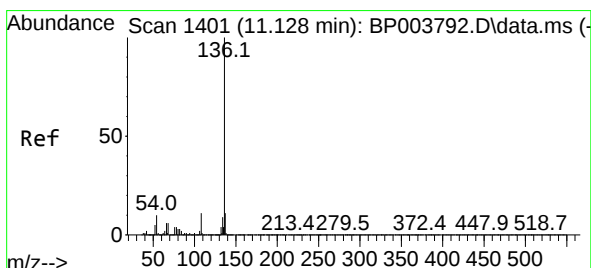
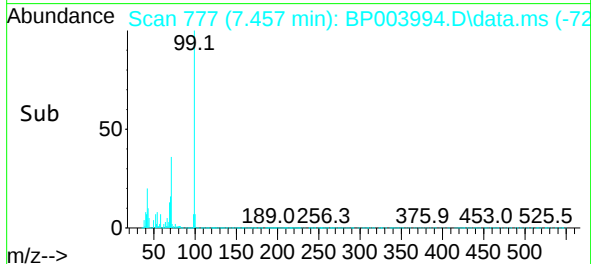
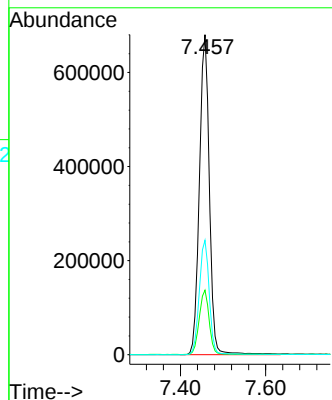
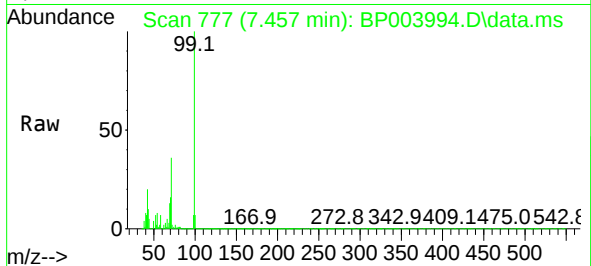




#7
Phenol-d6
Concen: 89.55 ng
RT: 7.457 min Scan# 777
Delta R.T. 0.006 min
Lab File: BP003994.D
Acq: 18 Nov 2020 15:26

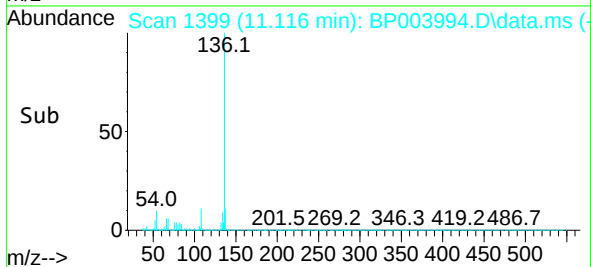
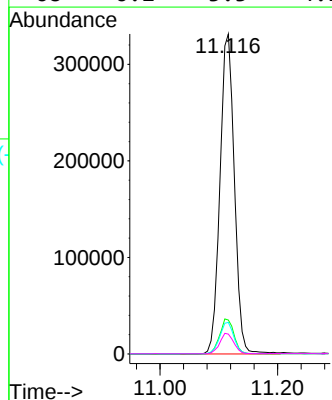
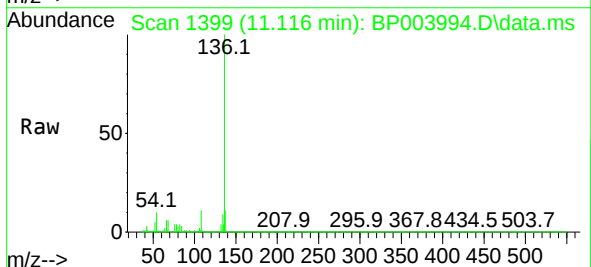
Instrument :
BNA_P
ClientSampleId :
ND-SOIL

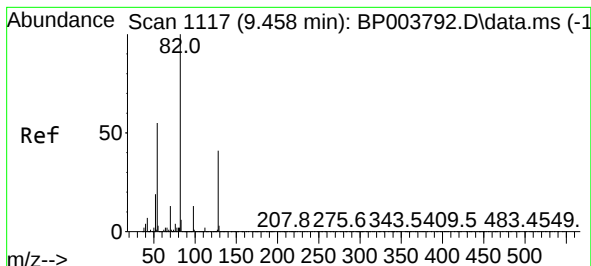
Tgt Ion: 99 Resp: 1106894
Ion Ratio Lower Upper
99 100
42 20.2 8.6 13.0#
71 35.8 23.4 35.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.116 min Scan# 1399
Delta R.T. -0.000 min
Lab File: BP003994.D
Acq: 18 Nov 2020 15:26

Tgt Ion: 136 Resp: 561992
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 9.8 3.6 5.4#
68 6.2 3.3 4.9#

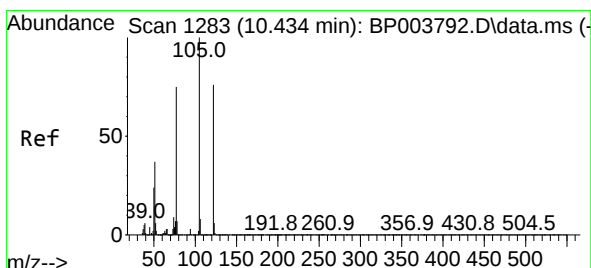
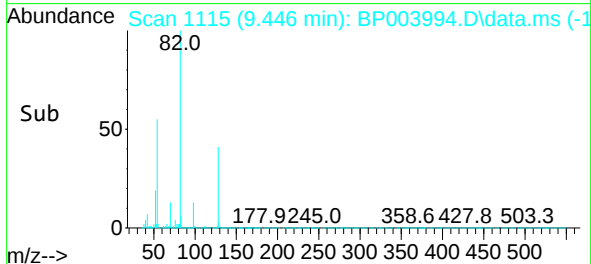
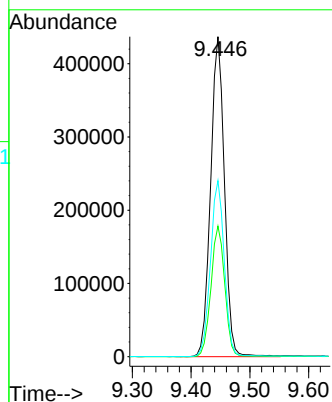
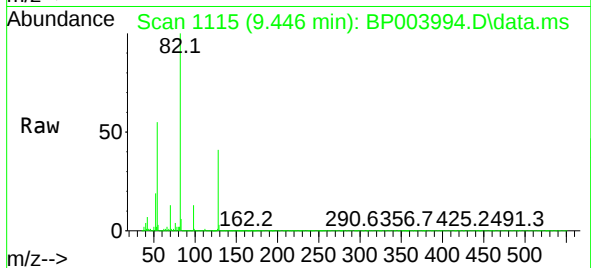




#23
Nitrobenzene-d5
Concen: 62.30 ng
RT: 9.446 min Scan# 1115
Delta R.T. -0.000 min
Lab File: BP003994.D
Acq: 18 Nov 2020 15:26

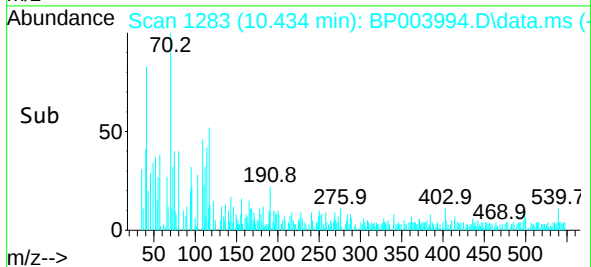
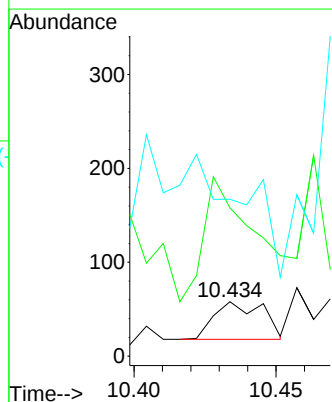
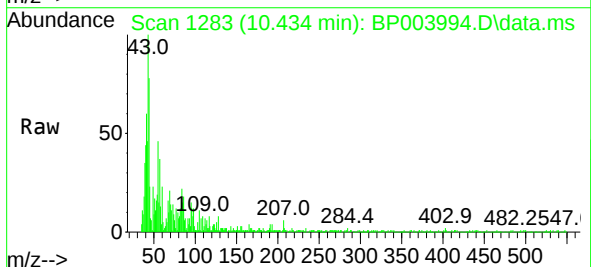
Instrument :
BNA_P
ClientSampleId :
ND-SOIL

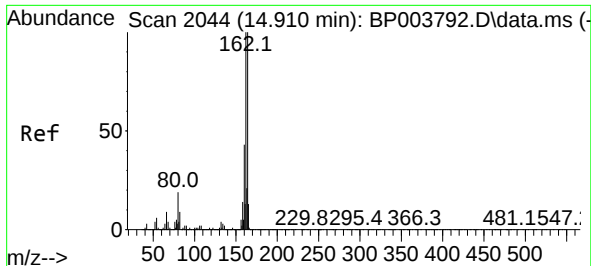
Tgt Ion: 82 Resp: 714847
Ion Ratio Lower Upper
82 100
128 40.8 45.6 68.4#
54 55.0 30.1 45.1#



#32
Benzoic acid
Concen: 8.31 ng
RT: 10.434 min Scan# 1283
Delta R.T. -0.006 min
Lab File: BP003994.D
Acq: 18 Nov 2020 15:26

Tgt Ion: 122 Resp: 47
Ion Ratio Lower Upper
122 100
105 272.4 94.1 134.1#
77 287.9 50.1 90.1#

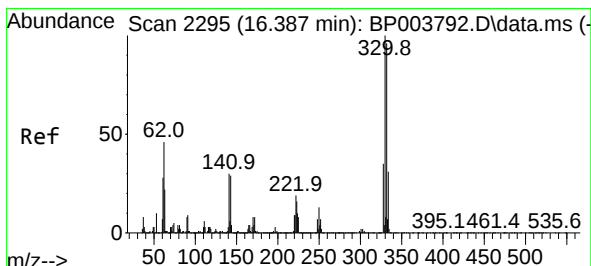
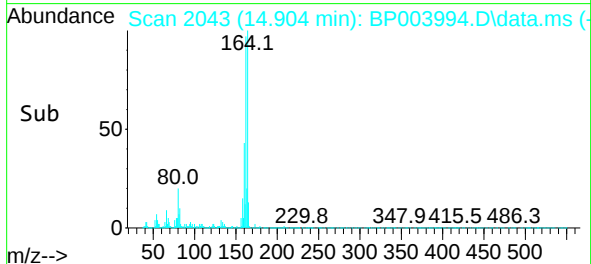
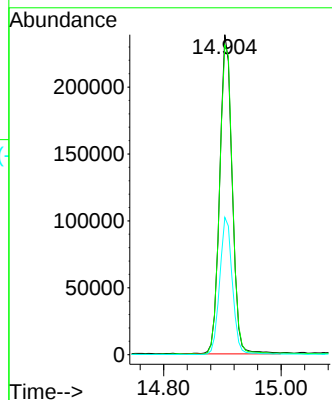
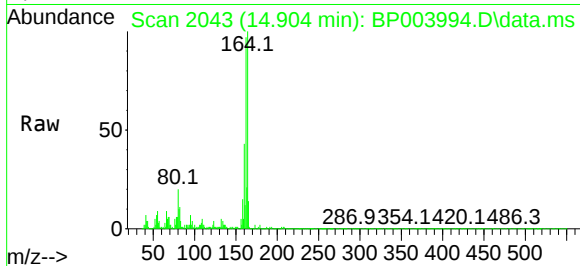




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.904 min Scan# 2043
Delta R.T. -0.006 min
Lab File: BP003994.D
Acq: 18 Nov 2020 15:26

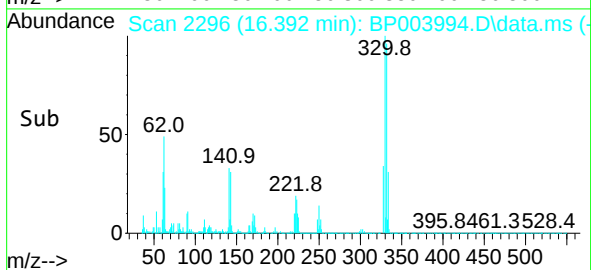
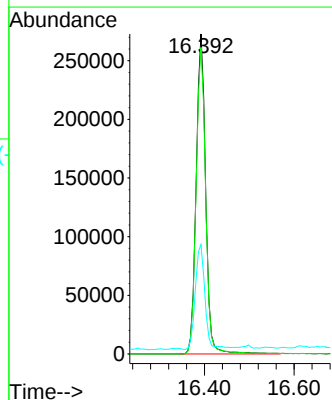
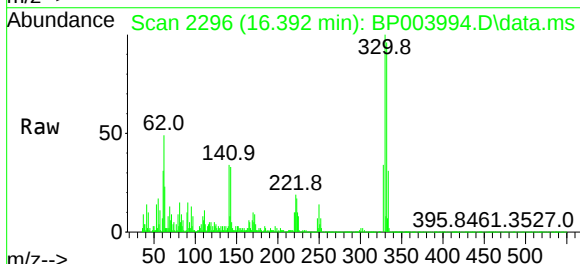
Instrument :
BNA_P
ClientSampled :
ND-SOIL

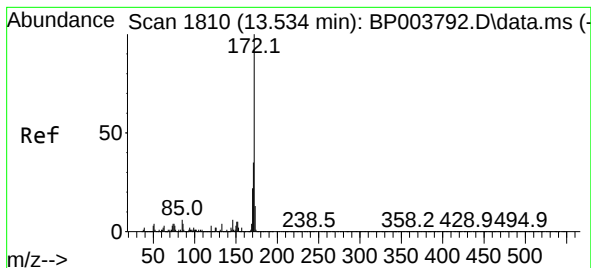
Tgt Ion:164 Resp: 352643
Ion Ratio Lower Upper
164 100
162 96.8 79.4 119.2
160 42.9 36.1 54.1



#42
2,4,6-Tribromophenol
Concen: 90.74 ng
RT: 16.392 min Scan# 2296
Delta R.T. 0.000 min
Lab File: BP003994.D
Acq: 18 Nov 2020 15:26

Tgt Ion:330 Resp: 400239
Ion Ratio Lower Upper
330 100
332 96.4 77.1 115.7
141 33.9 23.4 35.2

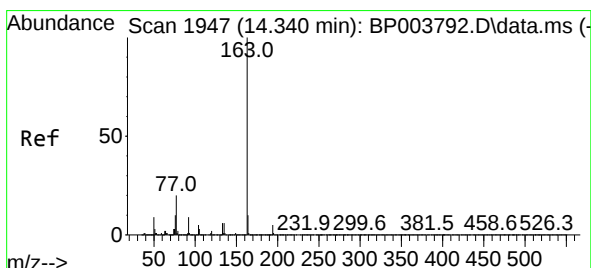
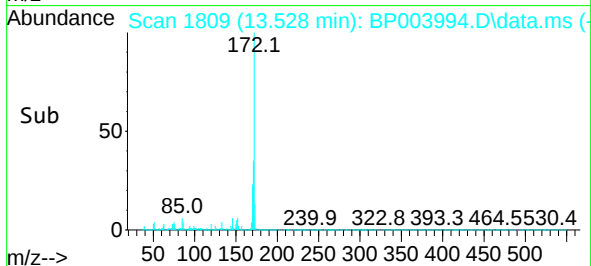
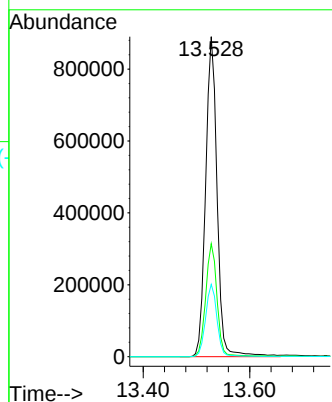
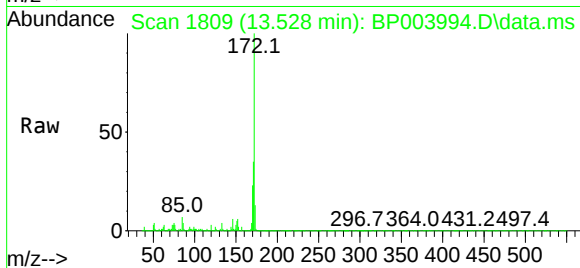




#45
2-Fluorobiphenyl
Concen: 52.82 ng
RT: 13.528 min Scan# 1809
Delta R.T. 0.000 min
Lab File: BP003994.D
Acq: 18 Nov 2020 15:26

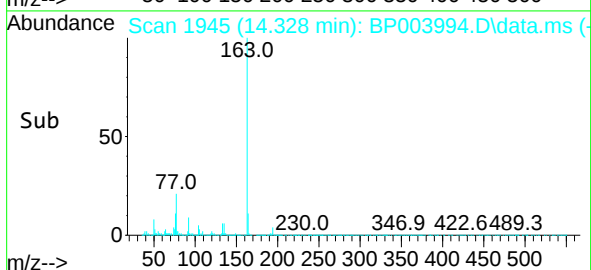
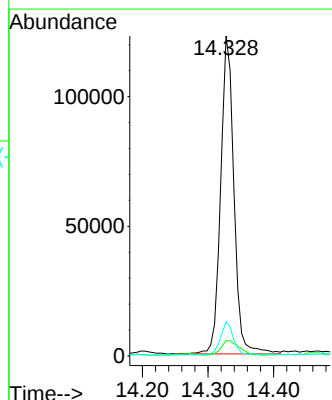
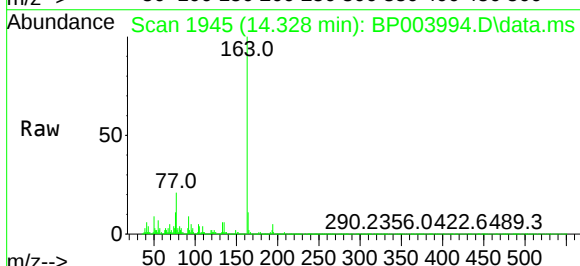
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BNA_P
ClientSampled :
ND-SOIL

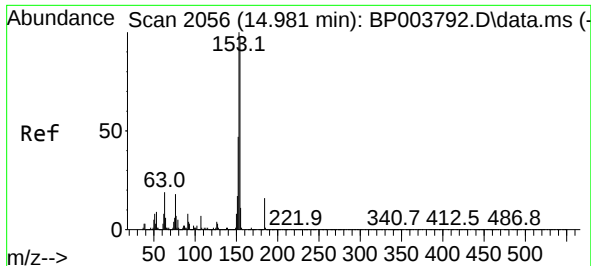
Tgt Ion:172 Resp: 1332282
Ion Ratio Lower Upper
172 100
171 35.3 28.5 42.7
170 22.6 19.2 28.8



#50
Dimethylphthalate
Concen: 6.23 ng
RT: 14.328 min Scan# 1945
Delta R.T. -0.006 min
Lab File: BP003994.D
Acq: 18 Nov 2020 15:26

Tgt Ion:163 Resp: 171663
Ion Ratio Lower Upper
163 100
194 4.8 3.3 4.9
164 10.7 8.2 12.2

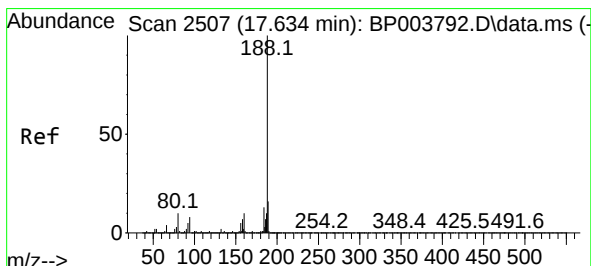
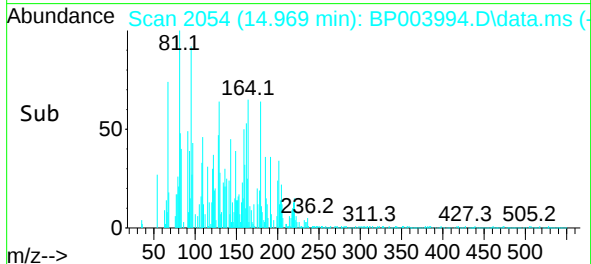
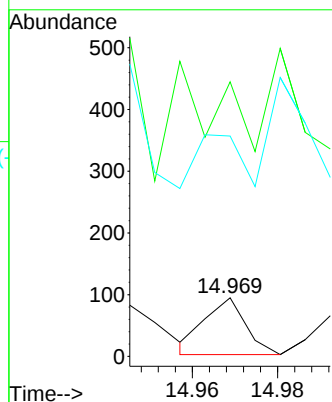
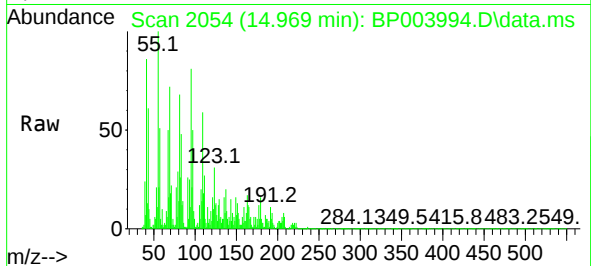




#54
2,4-Dinitrophenol
Concen: 2.76 ng
RT: 14.969 min Scan# 2054
Delta R.T. -0.029 min
Lab File: BP003994.D
Acq: 18 Nov 2020 15:26

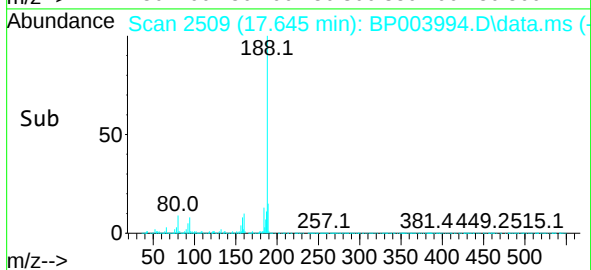
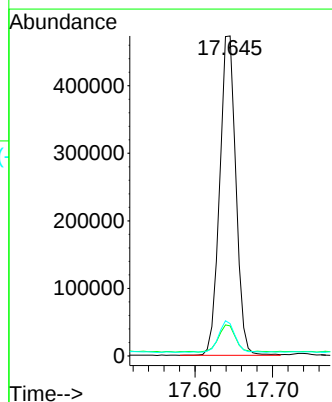
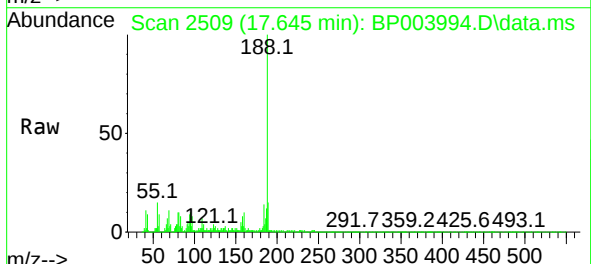
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BNA_P
ClientSampleId :
ND-SOIL

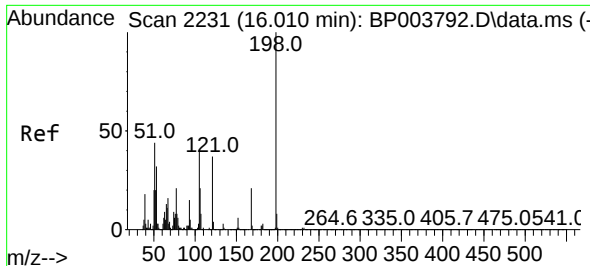
Tgt Ion:184 Resp: 61
Ion Ratio Lower Upper
184 100
63 468.4 32.3 48.5#
154 375.8 49.1 73.7#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.645 min Scan# 2509
Delta R.T. 0.006 min
Lab File: BP003994.D
Acq: 18 Nov 2020 15:26

Tgt Ion:188 Resp: 688237
Ion Ratio Lower Upper
188 100
94 9.4 6.2 9.2#
80 10.1 6.2 9.2#

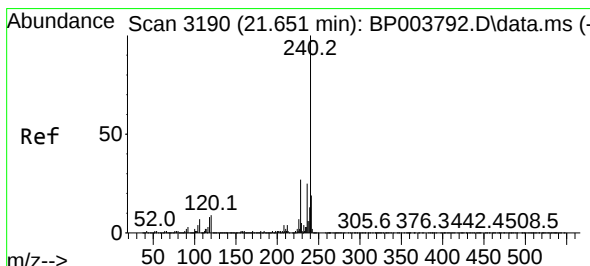
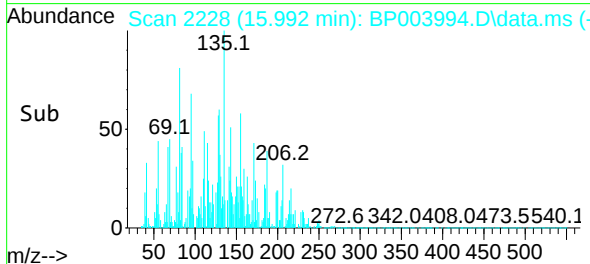
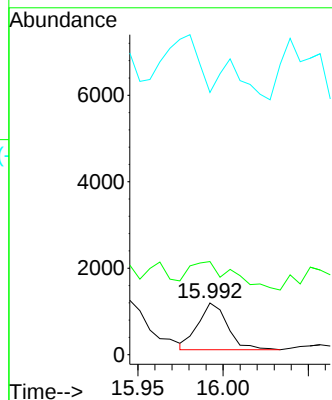
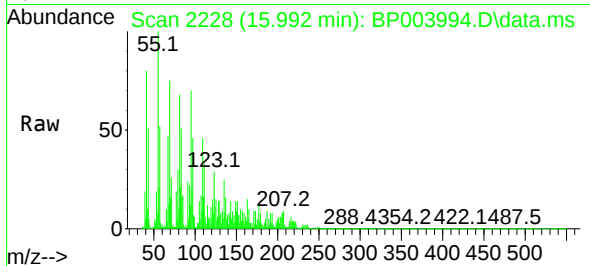




#65
4,6-Dinitro-2-methylphenol
Concen: 6.65 ng
RT: 15.992 min Scan# 2228
Delta R.T. -0.029 min
Lab File: BP003994.D
Acq: 18 Nov 2020 15:26

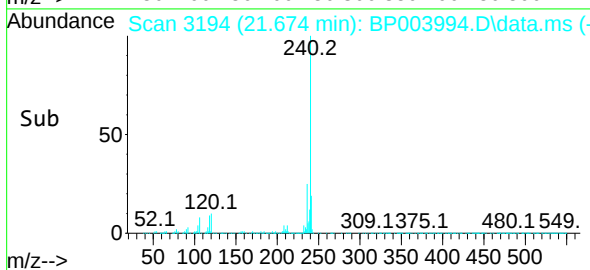
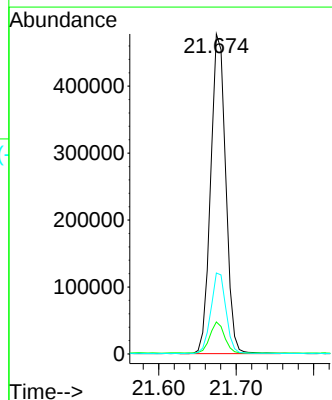
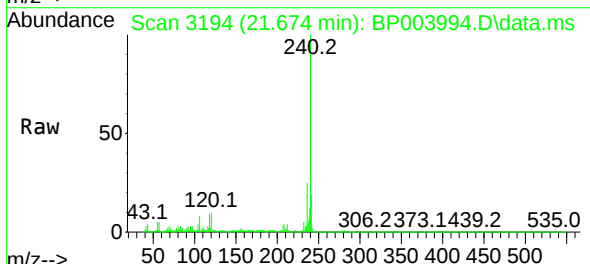
Instrument :
BNA_P
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ND-SOIL

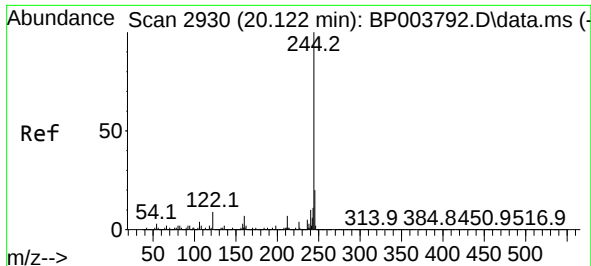
Tgt Ion:198 Resp: 1299
Ion Ratio Lower Upper
198 100
51 180.3 6.4 46.4#
105 507.4 18.9 58.9#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.674 min Scan# 3194
Delta R.T. 0.000 min
Lab File: BP003994.D
Acq: 18 Nov 2020 15:26

Tgt Ion:240 Resp: 643632
Ion Ratio Lower Upper
240 100
120 10.0 7.8 11.6
236 25.3 20.8 31.2

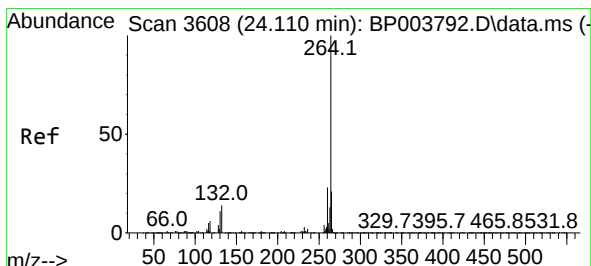
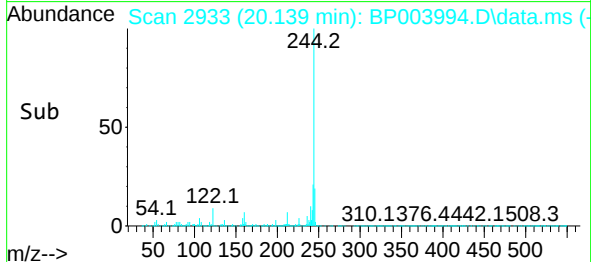
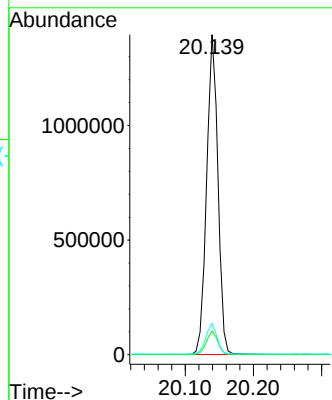
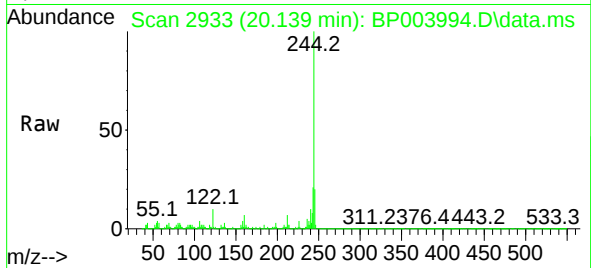




#79
Terphenyl-d14
Concen: 48.27 ng
RT: 20.139 min Scan# 2933
Delta R.T. 0.006 min
Lab File: BP003994.D
Acq: 18 Nov 2020 15:26

Instrument :
BNA_P
ClientSampleId :
ND-SOIL

Tgt Ion:244 Resp: 1608118
Ion Ratio Lower Upper
244 100
212 7.3 5.8 8.6
122 9.7 7.8 11.8



#86
Perylene-d12
Concen: 20.00 ng
RT: 24.162 min Scan# 3617
Delta R.T. 0.006 min
Lab File: BP003994.D
Acq: 18 Nov 2020 15:26

Tgt Ion:264 Resp: 658338
Ion Ratio Lower Upper
264 100
260 23.1 18.8 28.2
265 22.5 17.4 26.2

