

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112020\
 Data File : BP004020.D
 Acq On : 20 Nov 2020 12:25
 Operator : CG/JU
 Sample : L4776-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 ND-SOIL

Quant Time: Nov 20 13:04:01 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 20 12:19:10 2020
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

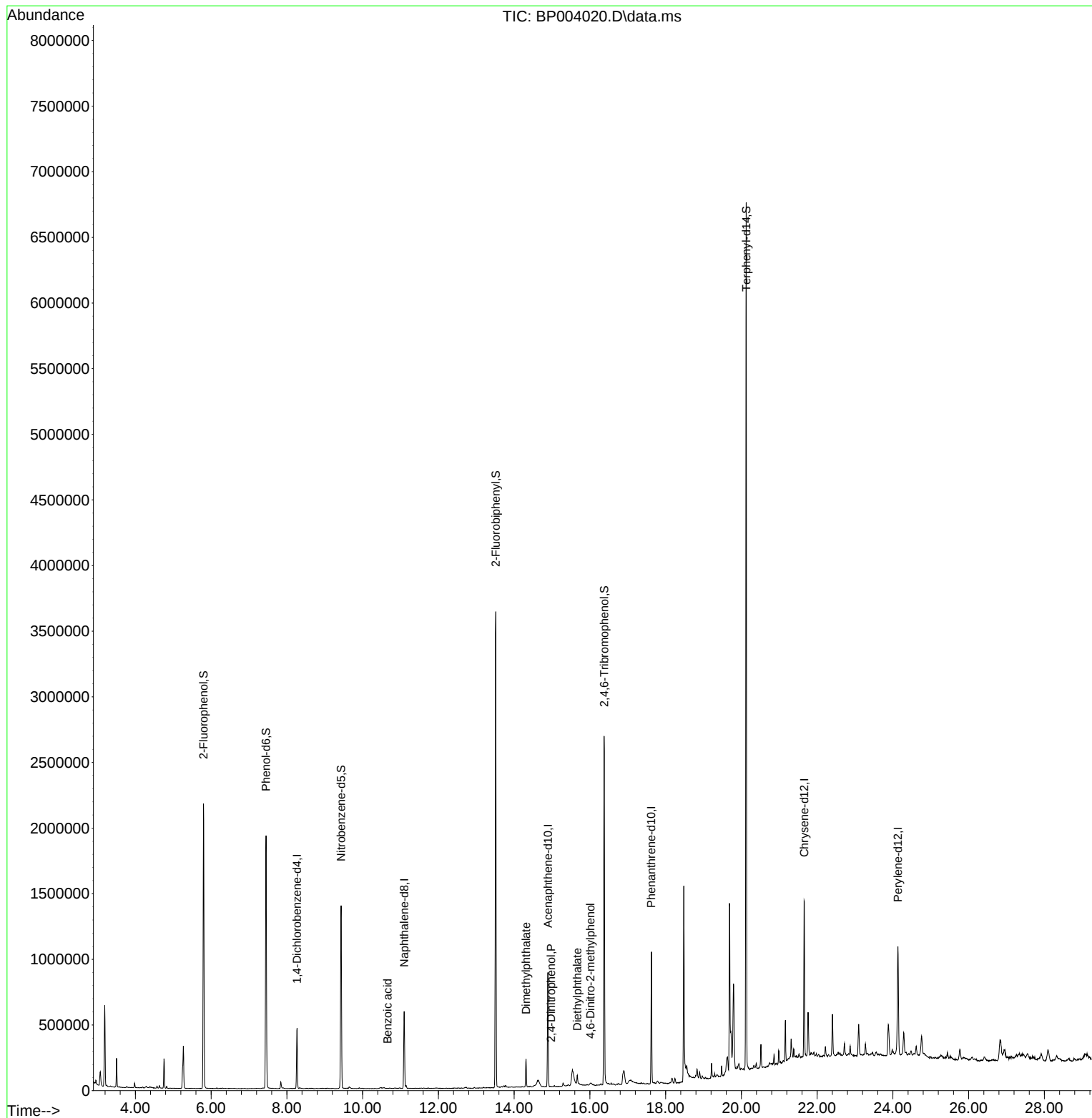
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.269	152	124220	20.00	ng	0.00
21) Naphthalene-d8	11.098	136	469405	20.00	ng	# 0.00
39) Acenaphthene-d10	14.892	164	287252	20.00	ng	0.00
64) Phenanthrene-d10	17.621	188	611998	20.00	ng	0.00
76) Chrysene-d12	21.662	240	611336	20.00	ng	0.00
86) Perylene-d12	24.133	264	635581	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.798	112	903876	121.44	ng	0.00
7) Phenol-d6	7.451	99	1079018	100.99	ng	0.00
23) Nitrobenzene-d5	9.434	82	790127	82.44	ng	0.00
42) 2,4,6-Tribromophenol	16.380	330	518343	144.27	ng	0.00
45) 2-Fluorobiphenyl	13.516	172	1850486	90.06	ng	0.00
79) Terphenyl-d14	20.127	244	2837467	89.67	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.387	77	149	Below Cal	#	35
32) Benzoic acid	10.663	122	79	8.32	ng	87
50) Dimethylphthalate	14.316	163	133794	5.96	ng	99
54) 2,4-Dinitrophenol	14.974	184	14	2.74	ng	# 1
60) Diethylphthalate	15.668	149	48108	2.19	ng	98
65) 4,6-Dinitro-2-methylph...	16.015	198	104	6.37	ng	# 1

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112020\
Data File : BP004020.D
Acq On : 20 Nov 2020 12:25
Operator : CG/JU
Sample : L4776-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ND-SOIL

Quant Time: Nov 20 13:04:01 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 20 12:19:10 2020
Response via : Initial Calibration

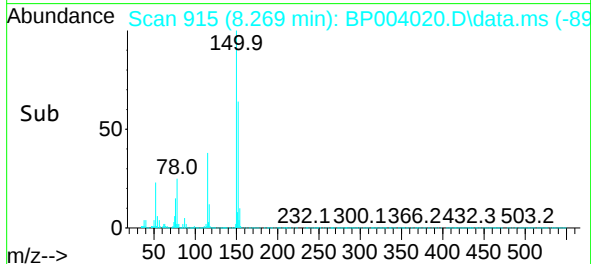
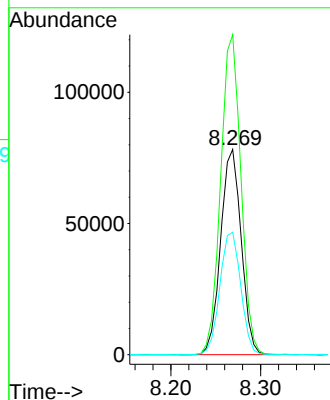
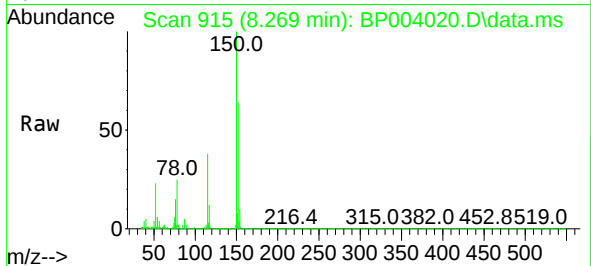




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.269 min Scan# 915
Delta R.T. -0.000 min
Lab File: BP004020.D
Acq: 20 Nov 2020 12:25

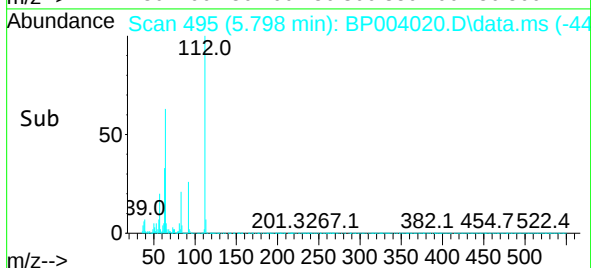
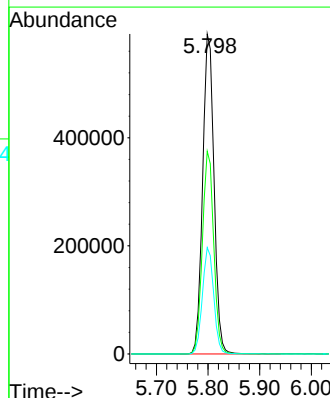
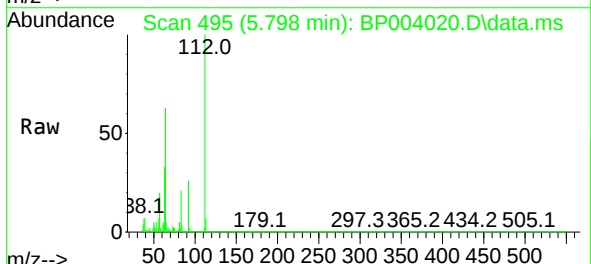
Instrument :
BNA_P
ClientSampled :
ND-SOIL

Tgt Ion:152 Resp: 124220
Ion Ratio Lower Upper
152 100
150 155.9 123.8 185.6
115 59.7 43.8 65.6



#5
2-Fluorophenol
Concen: 121.44 ng
RT: 5.798 min Scan# 495
Delta R.T. -0.000 min
Lab File: BP004020.D
Acq: 20 Nov 2020 12:25

Tgt Ion:112 Resp: 903876
Ion Ratio Lower Upper
112 100
64 63.4 32.8 49.2#
63 33.2 17.0 25.4#

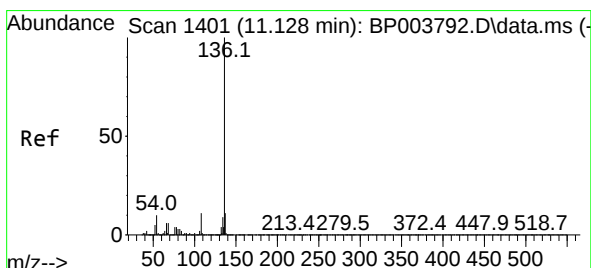
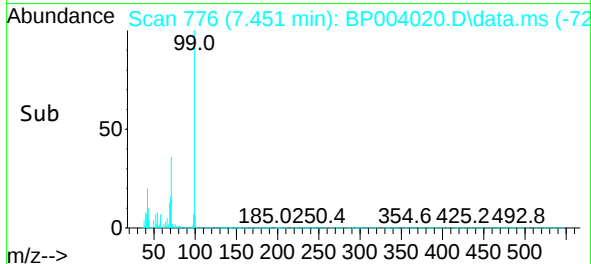
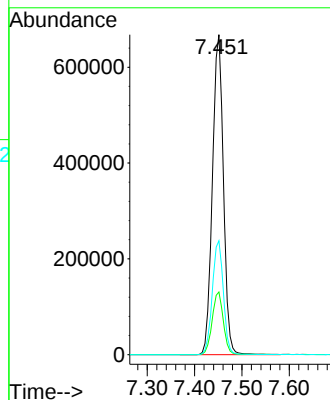
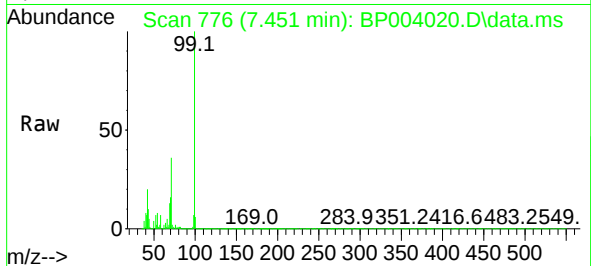




#7
Phenol-d6
Concen: 100.99 ng
RT: 7.451 min Scan# 776
Delta R.T. -0.006 min
Lab File: BP004020.D
Acq: 20 Nov 2020 12:25

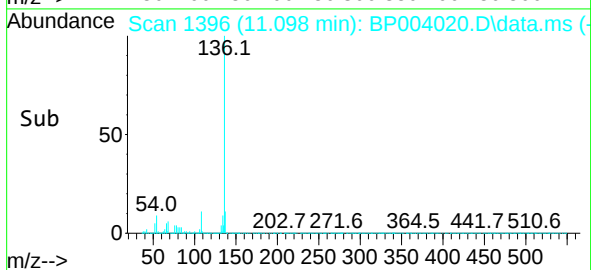
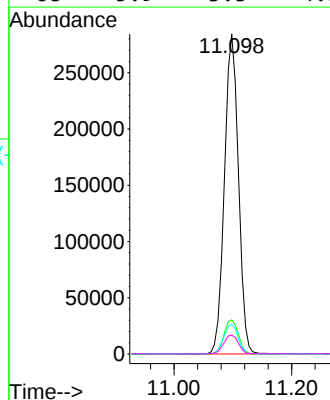
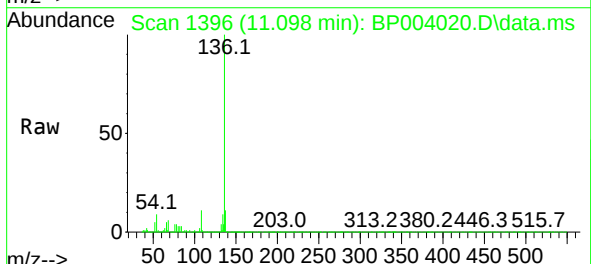
Instrument :
BNA_P
ClientSampleId :
ND-SOIL

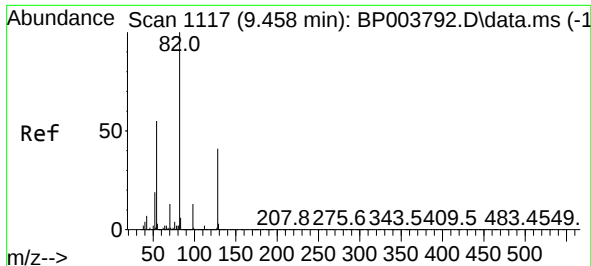
Tgt Ion: 99 Resp: 1079018
Ion Ratio Lower Upper
99 100
42 19.6 8.6 13.0#
71 35.6 23.4 35.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.098 min Scan# 1396
Delta R.T. -0.000 min
Lab File: BP004020.D
Acq: 20 Nov 2020 12:25

Tgt Ion:136 Resp: 469405
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 9.3 3.6 5.4#
68 5.9 3.3 4.9#

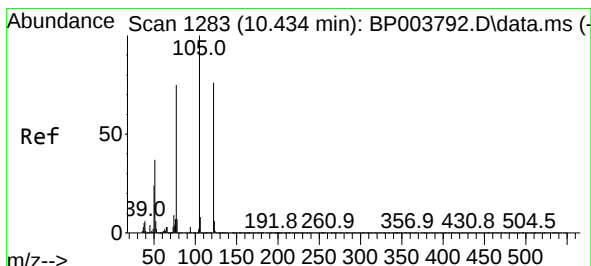
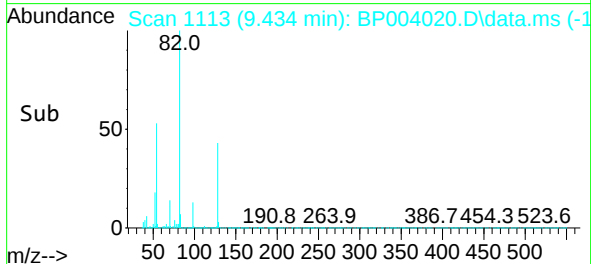
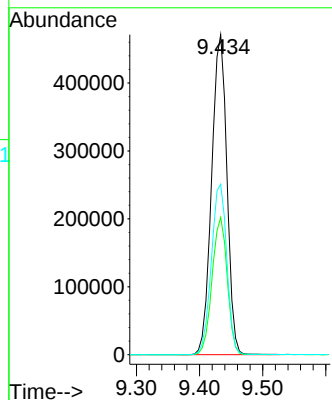
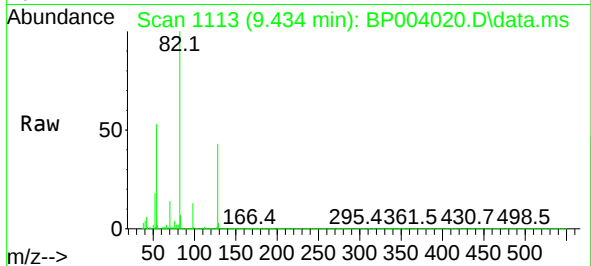




#23
Nitrobenzene-d5
Concen: 82.44 ng
RT: 9.434 min Scan# 1113
Delta R.T. -0.006 min
Lab File: BP004020.D
Acq: 20 Nov 2020 12:25

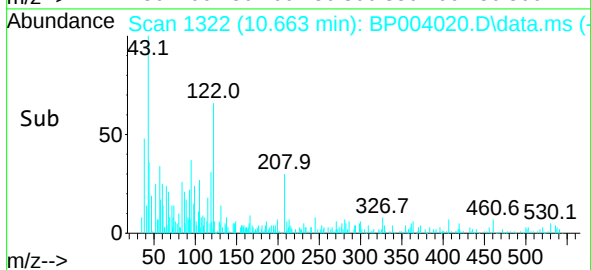
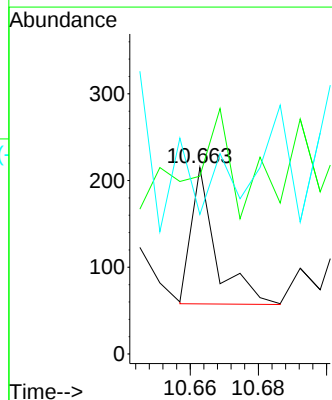
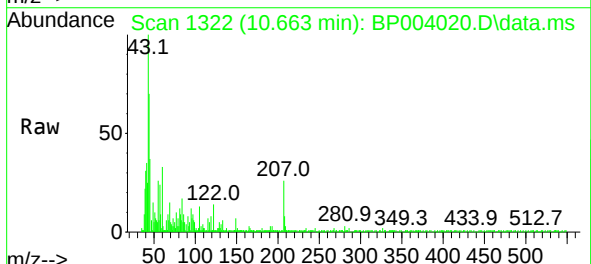
Instrument :
BNA_P
ClientSampled :
ND-SOIL

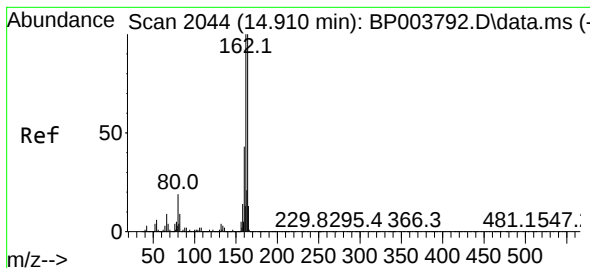
Tgt Ion: 82 Resp: 790127
Ion Ratio Lower Upper
82 100
128 42.9 45.6 68.4#
54 53.3 30.1 45.1#



#32
Benzoic acid
Concen: 8.32 ng
RT: 10.663 min Scan# 1322
Delta R.T. 0.200 min
Lab File: BP004020.D
Acq: 20 Nov 2020 12:25

Tgt Ion: 122 Resp: 79
Ion Ratio Lower Upper
122 100
105 95.3 94.1 134.1
77 74.9 50.1 90.1





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.892 min Scan# 2041

Delta R.T. -0.000 min

Lab File: BP004020.D

Acq: 20 Nov 2020 12:25

Instrument :

BNA_P

ClientSampleId :

ND-SOIL

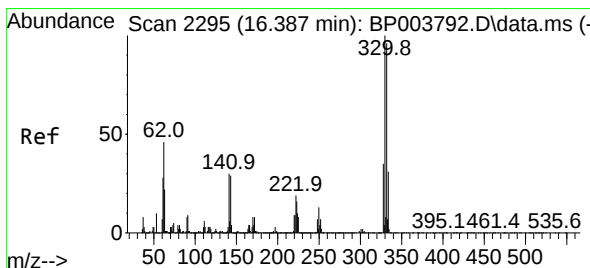
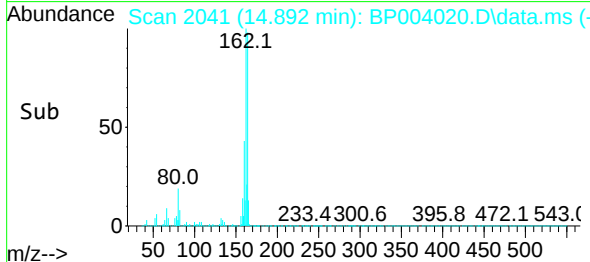
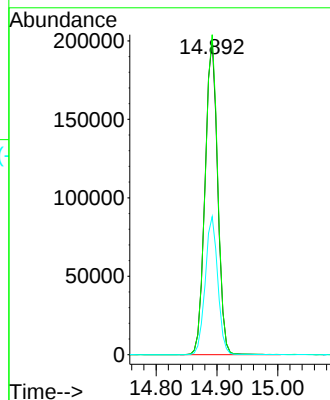
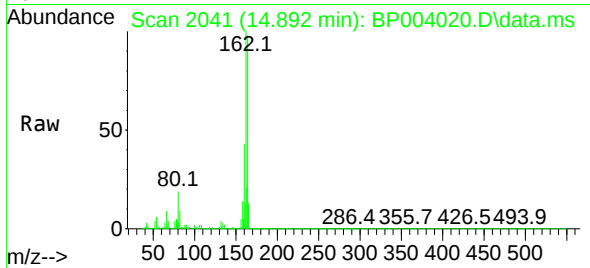
Tgt Ion:164 Resp: 287252

Ion Ratio Lower Upper

164 100

162 102.0 79.4 119.2

160 44.0 36.1 54.1



#42

2,4,6-Tribromophenol

Concen: 144.27 ng

RT: 16.380 min Scan# 2294

Delta R.T. 0.006 min

Lab File: BP004020.D

Acq: 20 Nov 2020 12:25

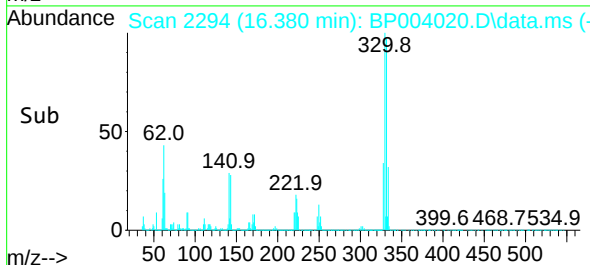
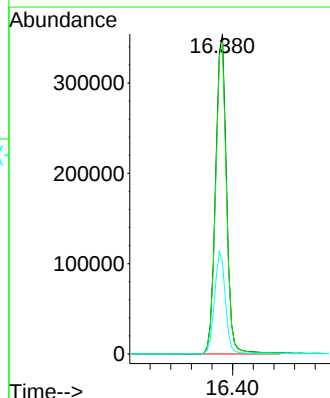
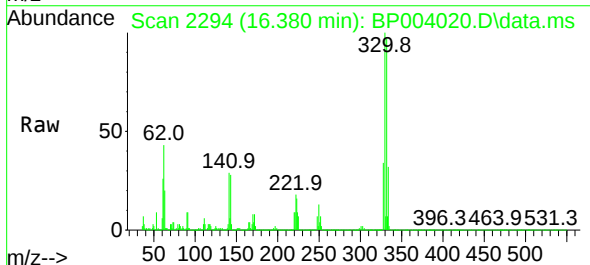
Tgt Ion:330 Resp: 518343

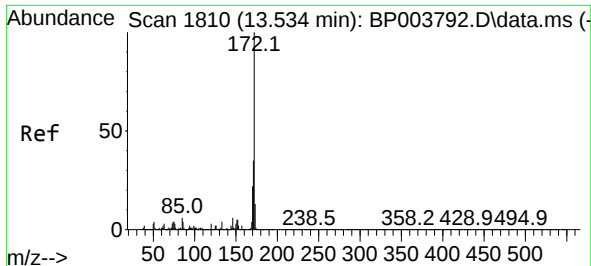
Ion Ratio Lower Upper

330 100

332 97.5 77.1 115.7

141 32.2 23.4 35.2

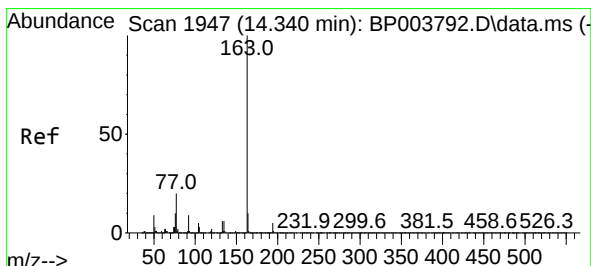
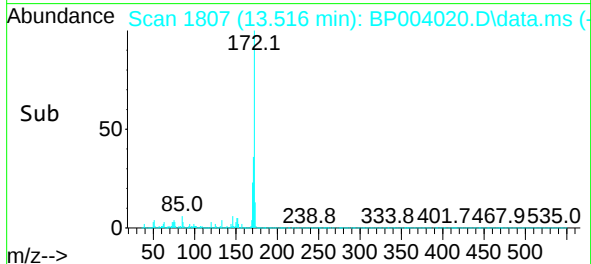
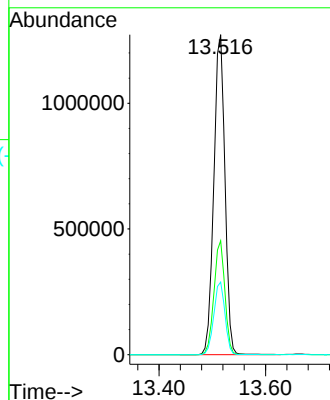
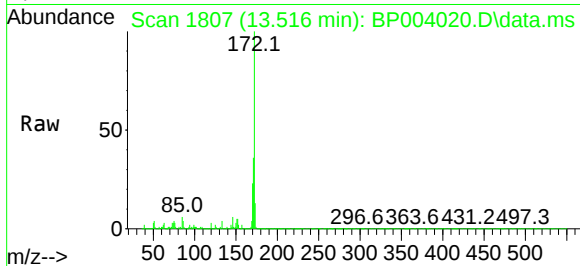




#45
2-Fluorobiphenyl
Concen: 90.06 ng
RT: 13.516 min Scan# 1807
Delta R.T. -0.000 min
Lab File: BP004020.D
Acq: 20 Nov 2020 12:25

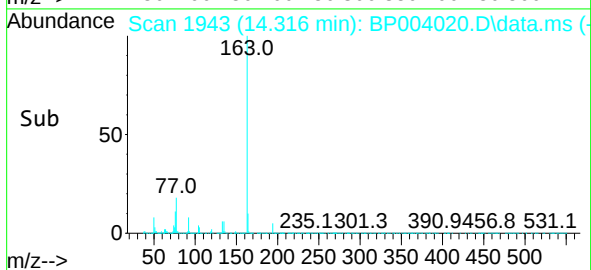
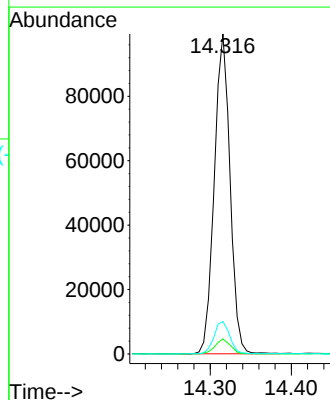
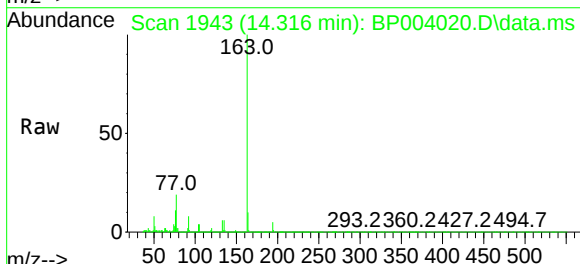
Instrument :
BNA_P
ClientSampleId :
ND-SOIL

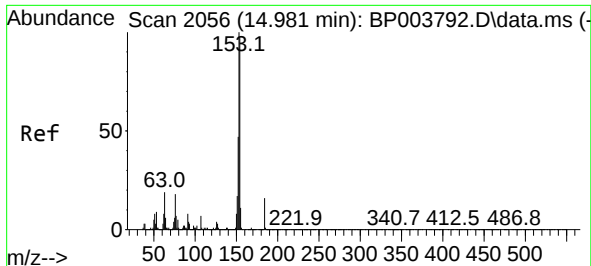
Tgt Ion:172 Resp: 1850486
Ion Ratio Lower Upper
172 100
171 35.6 28.5 42.7
170 22.7 19.2 28.8



#50
Dimethylphthalate
Concen: 5.96 ng
RT: 14.316 min Scan# 1943
Delta R.T. -0.006 min
Lab File: BP004020.D
Acq: 20 Nov 2020 12:25

Tgt Ion:163 Resp: 133794
Ion Ratio Lower Upper
163 100
194 4.7 3.3 4.9
164 10.2 8.2 12.2

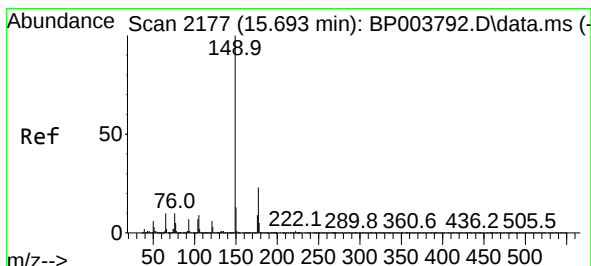
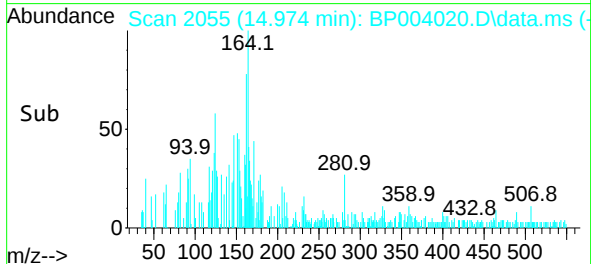
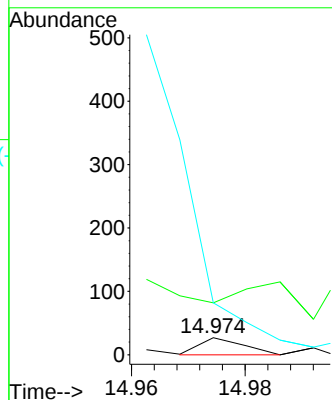
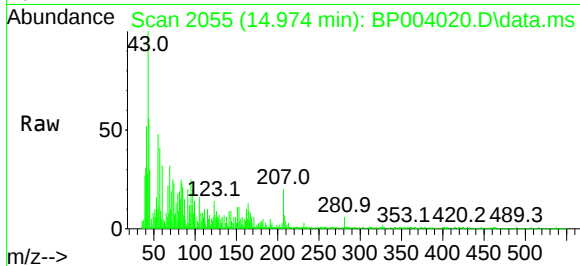




#54
2,4-Dinitrophenol
Concen: 2.74 ng
RT: 14.974 min Scan# 2055
Delta R.T. -0.012 min
Lab File: BP004020.D
Acq: 20 Nov 2020 12:25

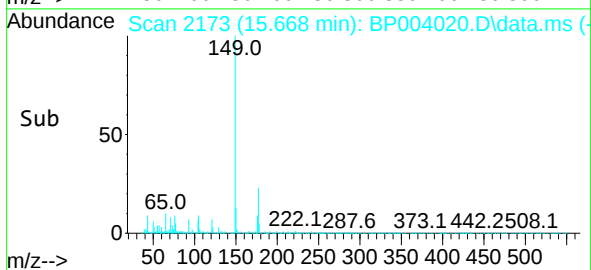
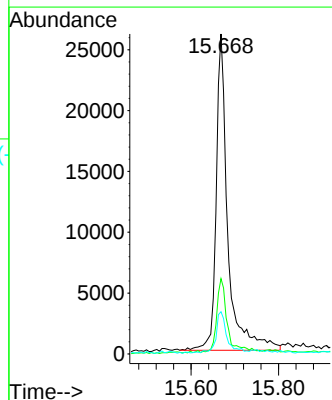
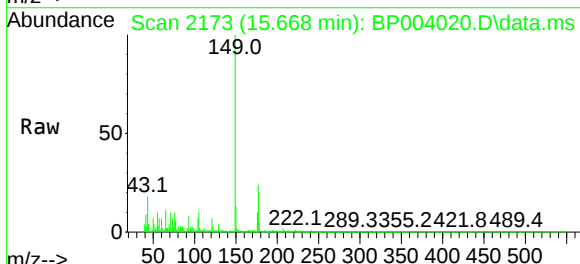
Instrument :
BNA_P
ClientSampleId :
ND-SOIL

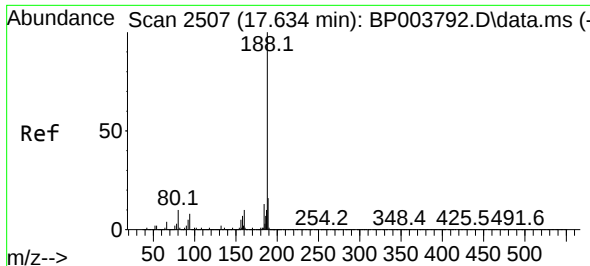
Tgt Ion:184	Resp:	14
Ion Ratio	Lower	Upper
184	100	
63	303.7	32.3 48.5#
154	303.7	49.1 73.7#



#60
Diethylphthalate
Concen: 2.19 ng
RT: 15.668 min Scan# 2173
Delta R.T. -0.006 min
Lab File: BP004020.D
Acq: 20 Nov 2020 12:25

Tgt Ion:149	Resp:	48108
Ion Ratio	Lower	Upper
149	100	
177	23.6	18.0 27.0
150	13.2	10.0 15.0

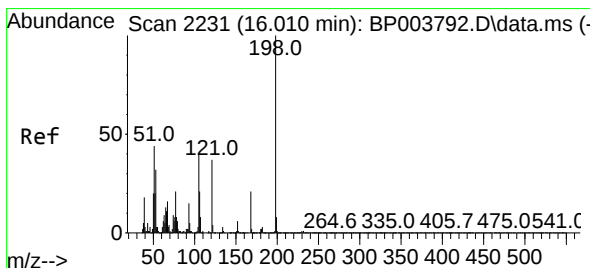
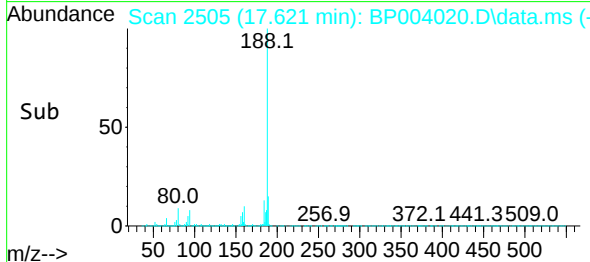
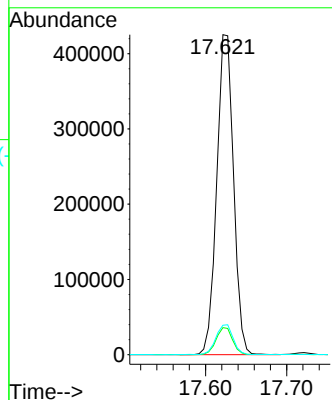
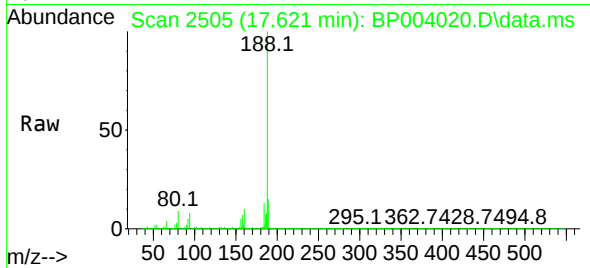




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.621 min Scan# 2505
Delta R.T. -0.000 min
Lab File: BP004020.D
Acq: 20 Nov 2020 12:25

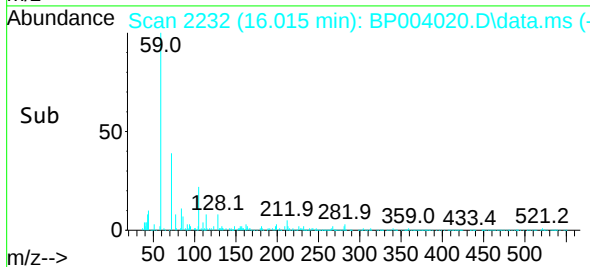
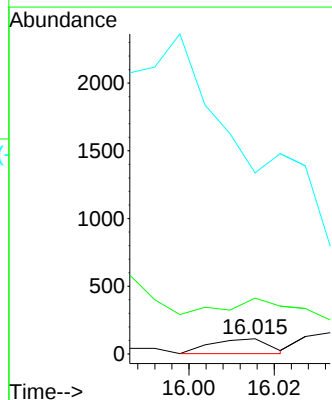
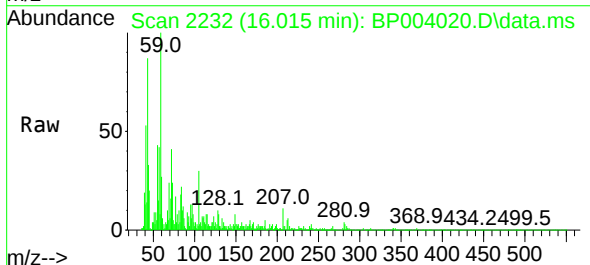
Instrument :
BNA_P
ClientSampleId :
ND-SOIL

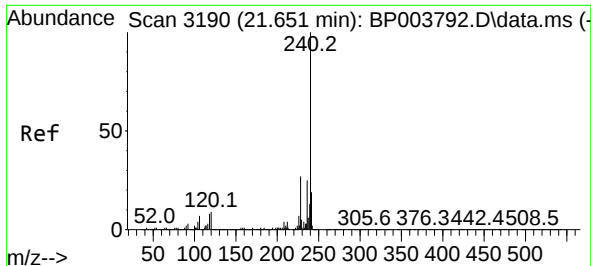
Tgt Ion:188 Resp: 611998
Ion Ratio Lower Upper
188 100
94 8.5 6.2 9.2
80 9.2 6.2 9.2



#65
4,6-Dinitro-2-methylphenol
Concen: 6.37 ng
RT: 16.015 min Scan# 2232
Delta R.T. 0.006 min
Lab File: BP004020.D
Acq: 20 Nov 2020 12:25

Tgt Ion:198 Resp: 104
Ion Ratio Lower Upper
198 100
51 367.9 6.4 46.4#
105 1194.6 18.9 58.9#

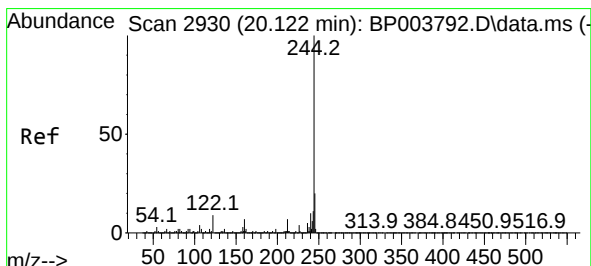
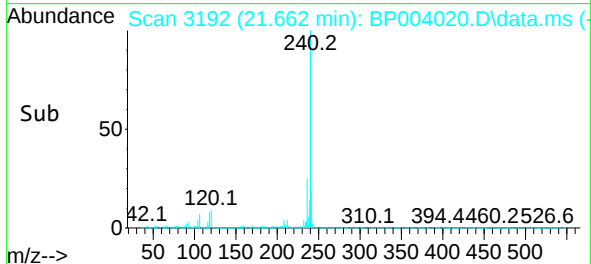
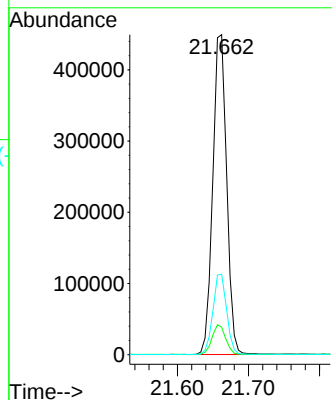
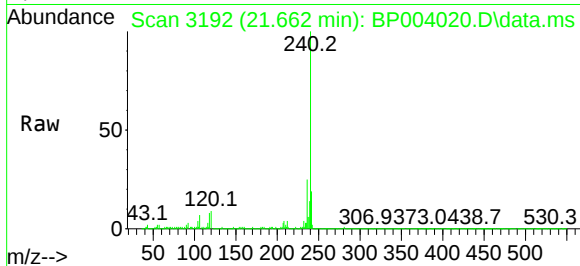




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.662 min Scan# 3192
Delta R.T. 0.006 min
Lab File: BP004020.D
Acq: 20 Nov 2020 12:25

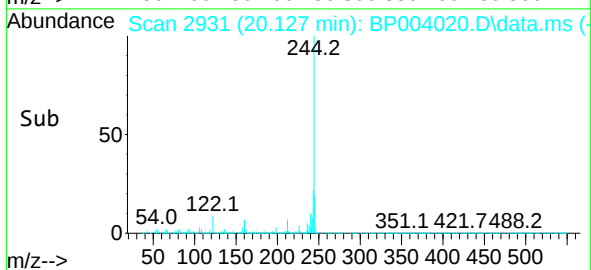
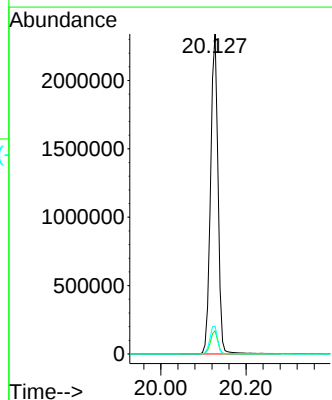
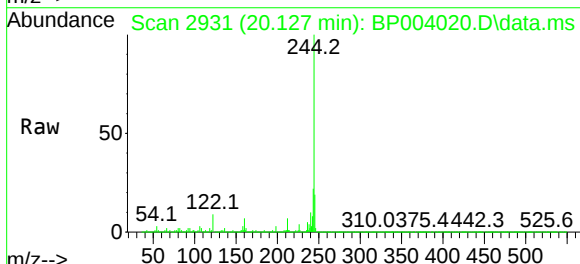
Instrument :
BNA_P
ClientSampleId :
ND-SOIL

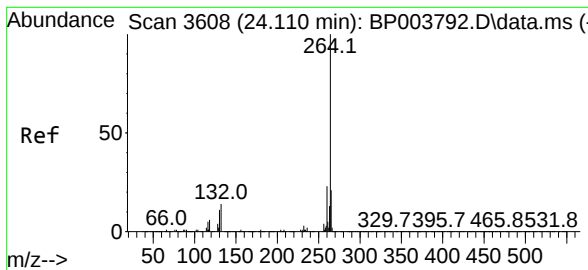
Tgt Ion:240 Resp: 611336
Ion Ratio Lower Upper
240 100
120 8.6 7.8 11.6
236 25.2 20.8 31.2



#79
Terphenyl-d14
Concen: 89.67 ng
RT: 20.127 min Scan# 2931
Delta R.T. 0.006 min
Lab File: BP004020.D
Acq: 20 Nov 2020 12:25

Tgt Ion:244 Resp: 2837467
Ion Ratio Lower Upper
244 100
212 7.2 5.8 8.6
122 8.7 7.8 11.8





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 24.133 min Scan# 3612
 Delta R.T. 0.006 min
 Lab File: BP004020.D
 Acq: 20 Nov 2020 12:25

Instrument :
 BNA_P
 ClientSampleId :
 ND-SOIL

Tgt Ion:264	Resp:	635581
Ion	Ratio	Lower Upper
264	100	
260	22.8	18.8 28.2
265	21.2	17.4 26.2

