

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111920\
 Data File : BF122386.D
 Acq On : 19 Nov 2020 18:06
 Operator : JU/CG
 Sample : L4776-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ND-SOIL

Manual Integrations
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Quant Time: Nov 20 00:02:48 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 10 12:25:42 2020
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	0.000	152	0	0.00	ng	-6.87
21) Naphthalene-d8	8.175	136	112	20.00	ng	# 0.02
39) Acenaphthene-d10	0.000	164	0	0.00	ng	-9.91
64) Phenanthrene-d10	11.439	188	491	20.00	ng	# 0.05
76) Chrysene-d12	0.000	240	0	0.00	ng	-14.03
86) Perylene-d12	15.286	264	388	20.00	ng	#-0.21
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	1776303	0.00	ng	0.01
7) Phenol-d6	6.486	99	2062925	0.00	ng	0.00
23) Nitrobenzene-d5	7.428	82	1540774	842194.40	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	850411	0.00	ng	0.00
45) 2-Fluorobiphenyl	9.227	172	2790599	0.00	ng	0.00
79) Terphenyl-d14	12.980	244	3399116	0.00	ng	0.00
Target Compounds						Qvalue
22) Acetophenone	7.263	105	1692	579.99	ng	# 71
24) Nitrobenzene	7.428	77	5190	2479.49	ng	# 32
31) Naphthalene	8.169	128	36427	6117.52	ng	97
32) Benzoic acid	7.851	122	38953m	30519.54	ng	
37) 2-Methylnaphthalene	8.857	142	6945	1765.43	ng	93
38) 1-Methylnaphthalene	8.957	142	5231	1420.56	ng	# 88
71) Phenanthrene	11.410	178	6960	249.84	ng	98
72) Anthracene	11.463	178	1108m	38.59	ng	
74) Di-n-butylphthalate	11.951	149	9050	325.01	ng	# 98
75) Fluoranthene	12.598	202	1265	43.50	ng	86

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

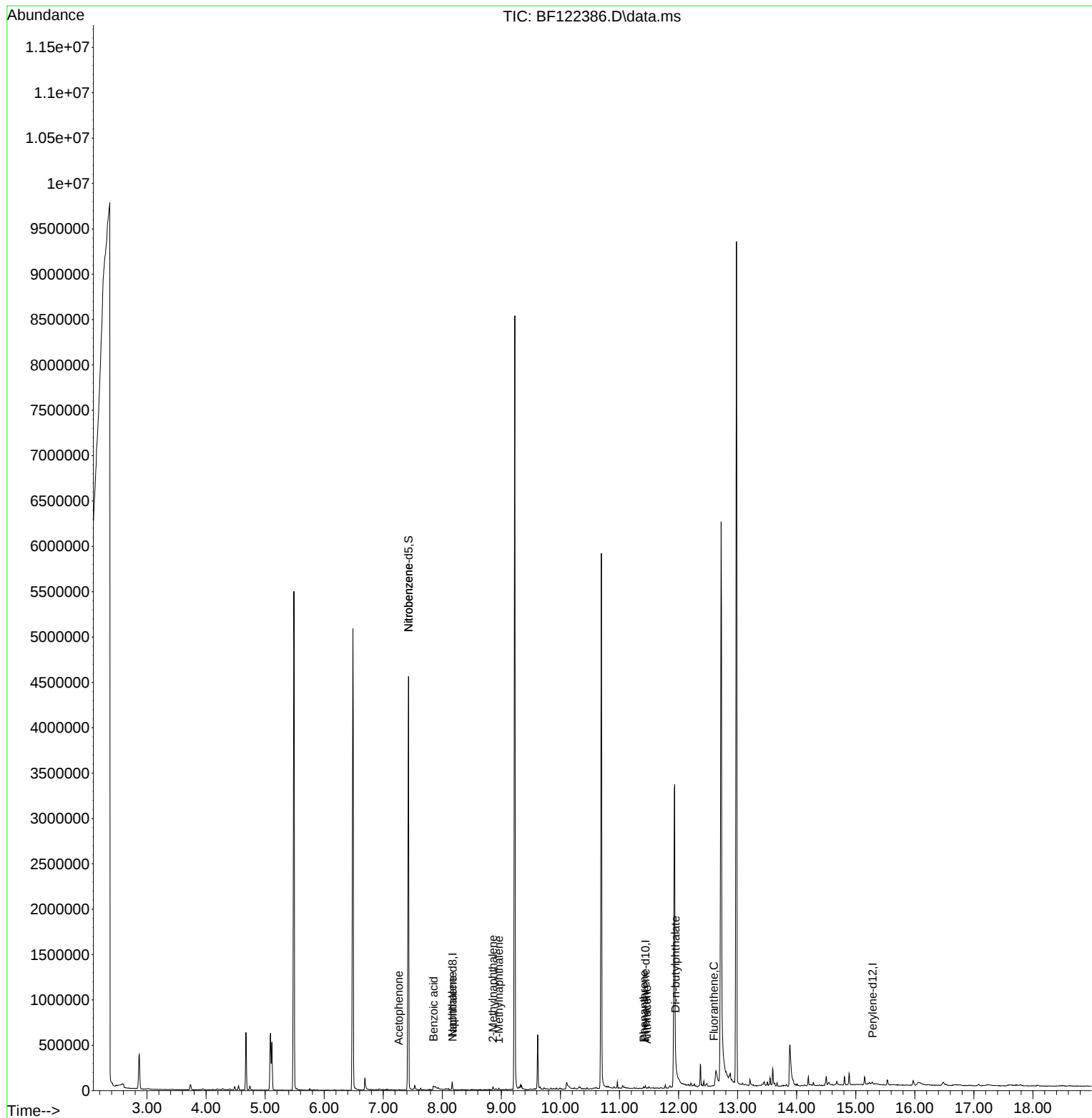
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111920\
Data File : BF122386.D
Acq On : 19 Nov 2020 18:06
Operator : JU/CG
Sample : L4776-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

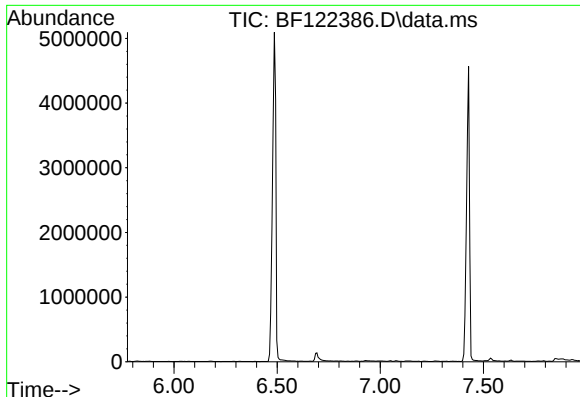
Instrument :
BNA_F
ClientSampleId :
ND-SOIL

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Quant Time: Nov 20 00:02:48 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





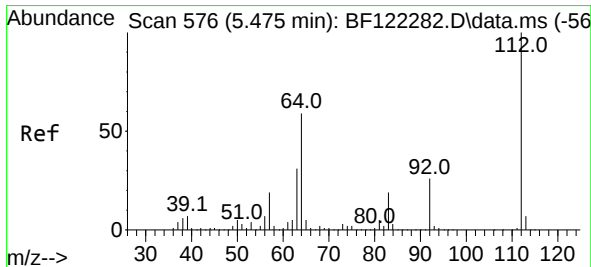
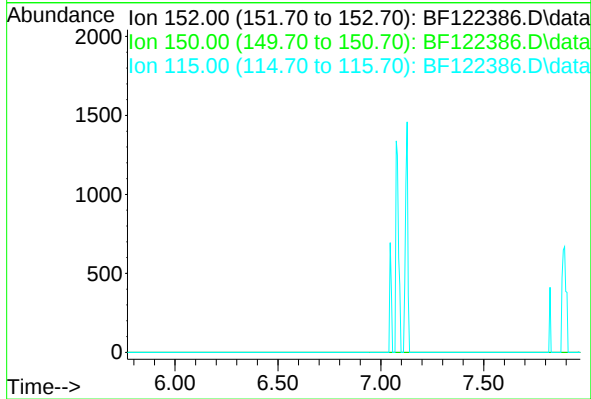
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.00 ng
 Expected RT: 6.87 min
 Lab File: BF122386.D
 Acq: 19 Nov 2020 18:06

Tgt Ion: 152
 Sig Exp Ratio
 152 100
 150 156.6
 115 64.9

Instrument :
 BNA_F
 ClientSampleId :
 ND-SOIL

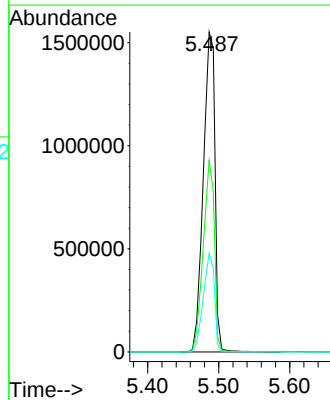
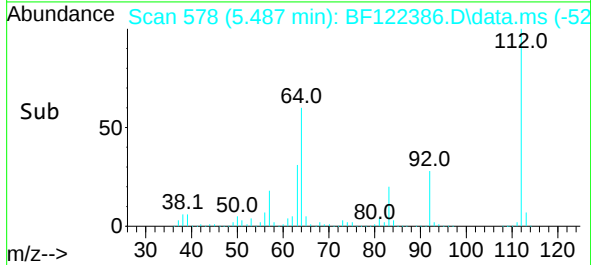
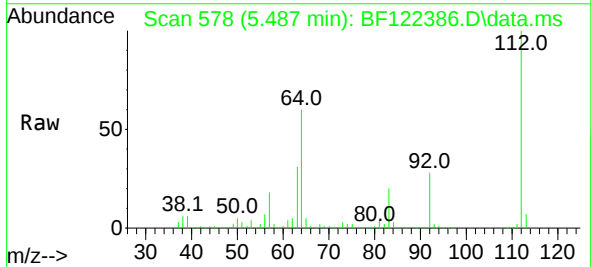
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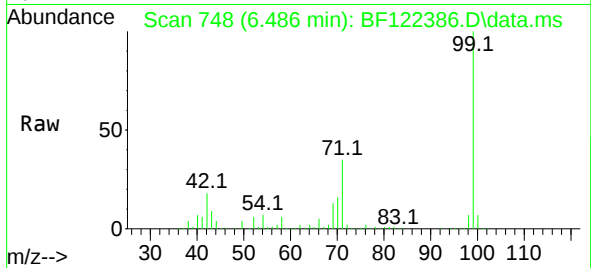
#5
 2-Fluorophenol
 Concen: 0.00 ng
 RT: 5.487 min Scan# 578
 Delta R.T. 0.012 min
 Lab File: BF122386.D
 Acq: 19 Nov 2020 18:06

Tgt Ion: 112 Resp: 1776303
 Ion Ratio Lower Upper
 112 100
 64 59.8 50.4 75.6
 63 30.9 25.8 38.6

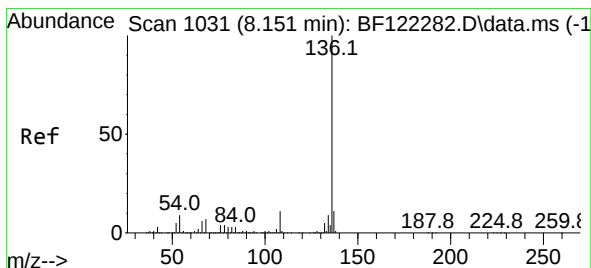
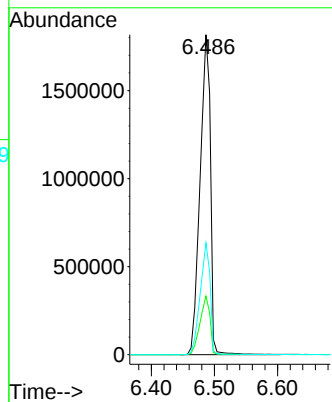
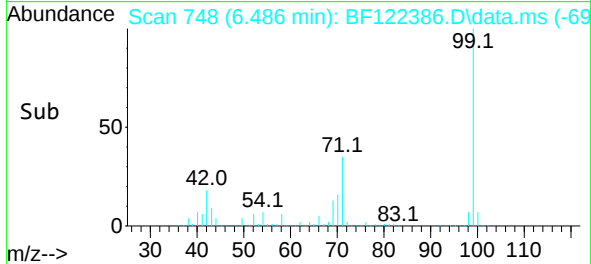




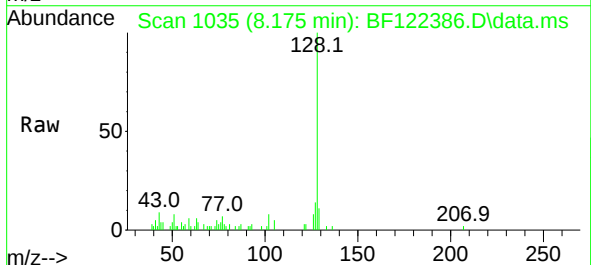
#7
Phenol-d6
Concen: 0.00 ng
RT: 6.486 min Scan# 748
Delta R.T. -0.006 min
Lab File: BF122386.D
Acq: 19 Nov 2020 18:06



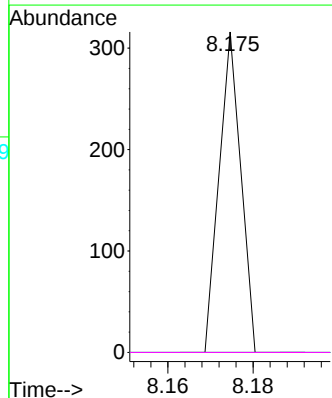
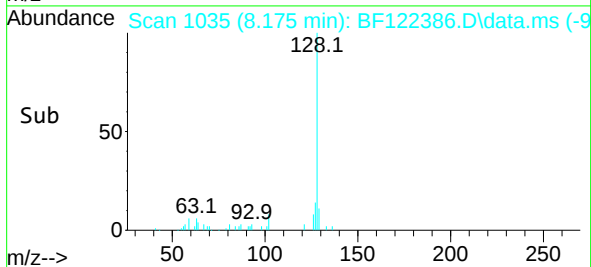
Tgt Ion: 99 Resp: 2062925
Ion Ratio Lower Upper
99 100
42 18.3 15.9 23.9
71 34.9 27.1 40.7



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.175 min Scan# 1035
Delta R.T. 0.024 min
Lab File: BF122386.D
Acq: 19 Nov 2020 18:06



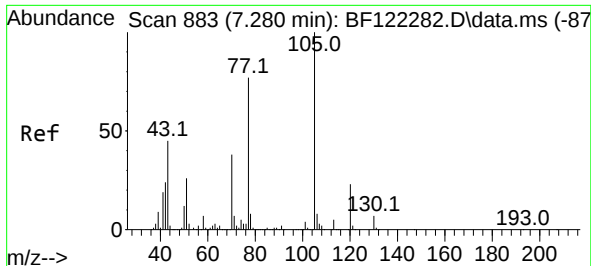
Tgt Ion: 136 Resp: 112
Ion Ratio Lower Upper
136 100
137 0.0 8.6 13.0#
54 0.0 7.1 10.7#
68 0.0 5.0 7.4#



Instrument :
BNA_F
ClientSampleId :
ND-SOIL

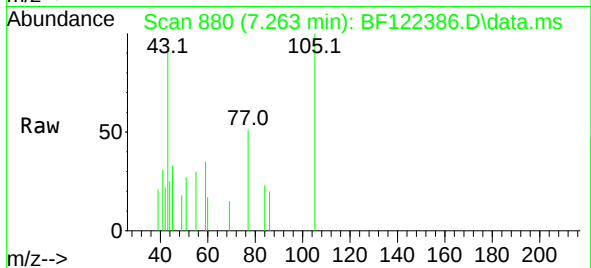
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#22
Acetophenone
Concen: 579.99 ng
RT: 7.263 min Scan# 880
Delta R.T. -0.017 min
Lab File: BF122386.D
Acq: 19 Nov 2020 18:06

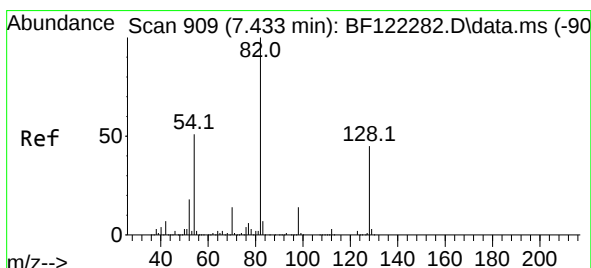
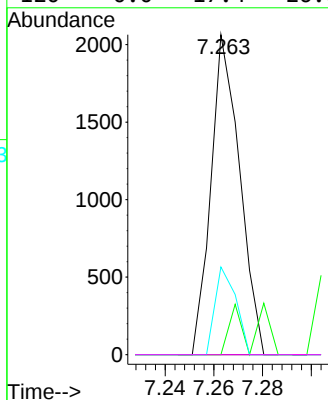
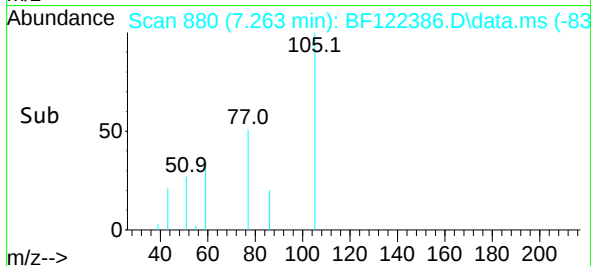
Instrument :
BNA_F
ClientSampled :
ND-SOIL



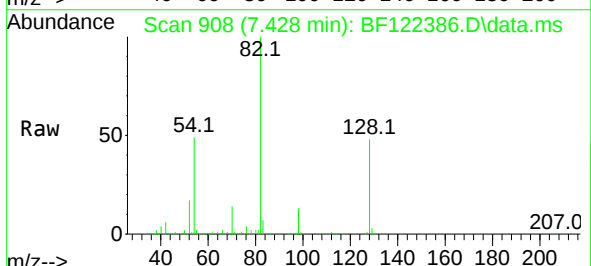
Tgt Ion:	105	Resp:	1692
Ion	Ratio	Lower	Upper
105	100		
71	0.0	5.3	7.9#
51	27.4	33.2	49.8#
120	0.0	17.4	26.0#

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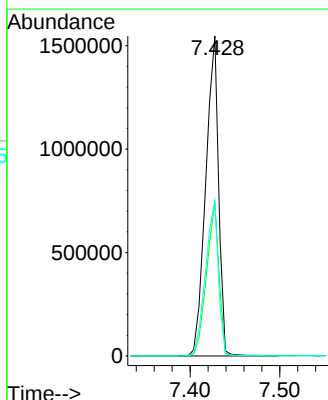
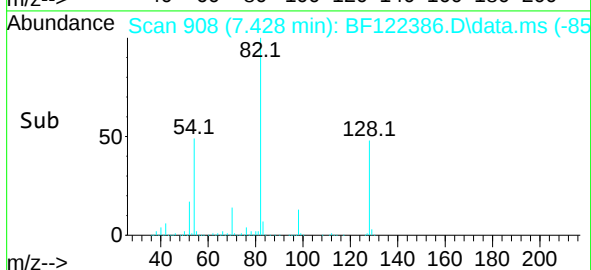
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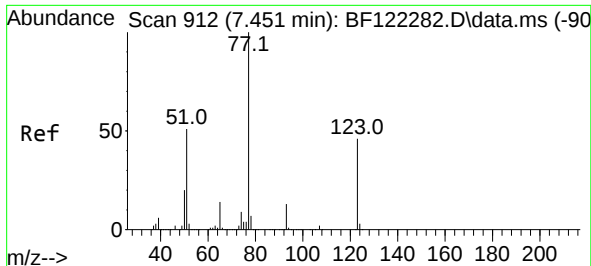


#23
Nitrobenzene-d5
Concen: 842194.40 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF122386.D
Acq: 19 Nov 2020 18:06



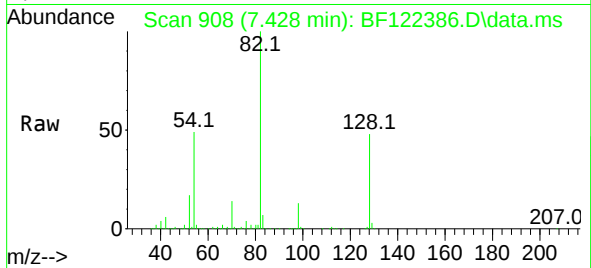
Tgt Ion:	82	Resp:	1540774
Ion	Ratio	Lower	Upper
82	100		
128	48.0	35.0	52.4
54	48.6	43.9	65.9





#24
Nitrobenzene
Concen: 2479.49 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.023 min
Lab File: BF122386.D
Acq: 19 Nov 2020 18:06

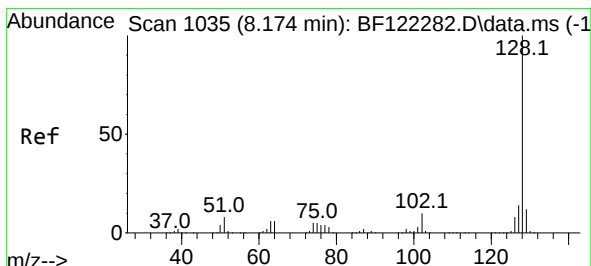
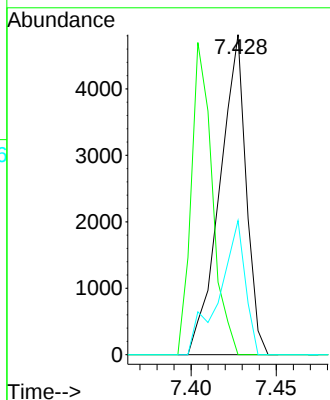
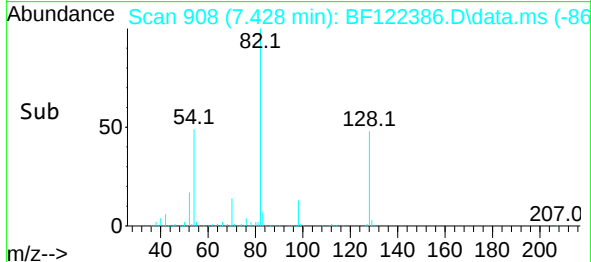
Instrument :
BNA_F
ClientSampled :
ND-SOIL



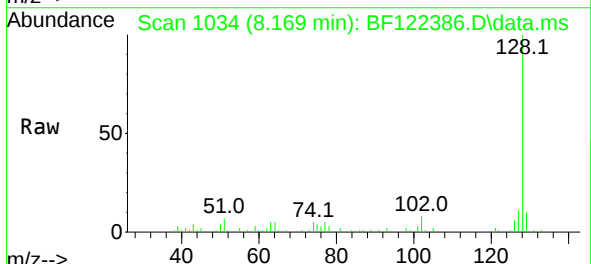
Tgt Ion: 77 Resp: 5190
Ion Ratio Lower Upper
77 100
123 0.0 35.6 53.4#
65 41.9 11.2 16.8#

Manual Integrations
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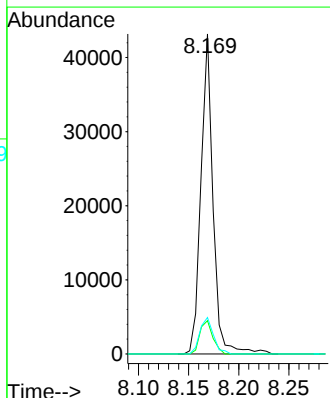
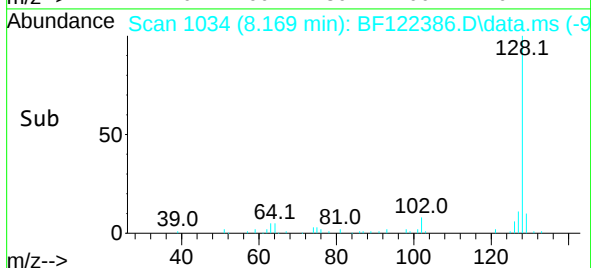
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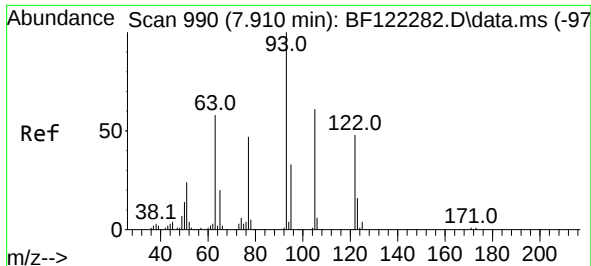


#31
Naphthalene
Concen: 6117.52 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF122386.D
Acq: 19 Nov 2020 18:06

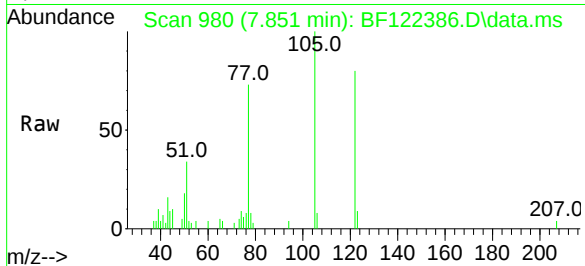


Tgt Ion: 128 Resp: 36427
Ion Ratio Lower Upper
128 100
129 10.4 8.7 13.1
127 11.4 10.8 16.2

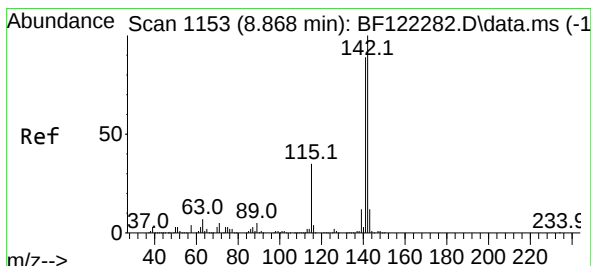
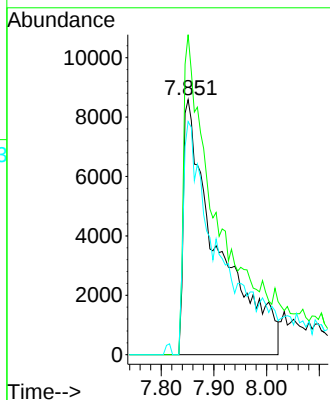
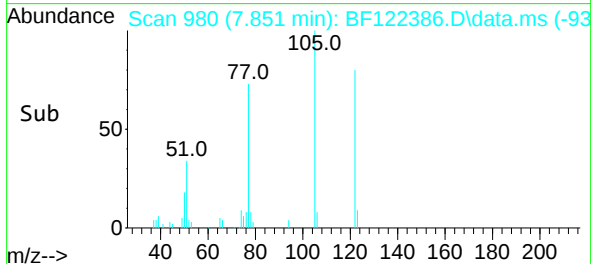




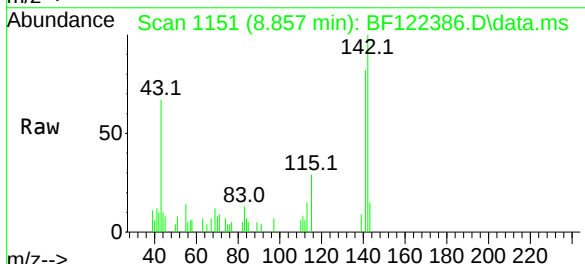
#32
Benzoic acid
Concen: 30519.54 ng m
RT: 7.851 min Scan# 980
Delta R.T. -0.059 min
Lab File: BF122386.D
Acq: 19 Nov 2020 18:06



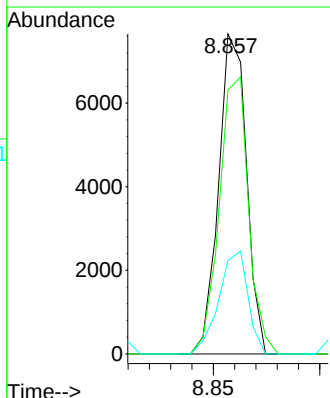
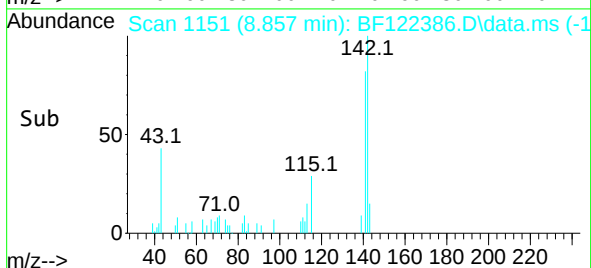
Tgt Ion:122 Resp: 38953
Ion Ratio Lower Upper
122 100
105 125.5 103.3 143.3
77 91.4 73.9 113.9



#37
2-Methylnaphthalene
Concen: 1765.43 ng
RT: 8.857 min Scan# 1151
Delta R.T. -0.011 min
Lab File: BF122386.D
Acq: 19 Nov 2020 18:06



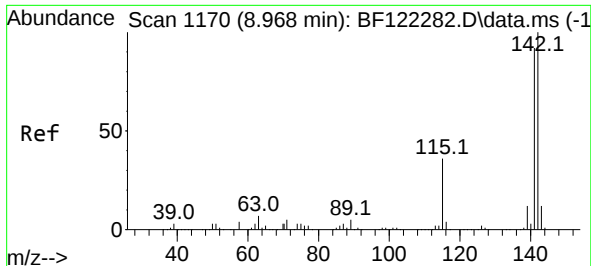
Tgt Ion:142 Resp: 6945
Ion Ratio Lower Upper
142 100
141 82.5 70.2 105.4
115 29.2 28.6 43.0



Instrument :
BNA_F
ClientSampled :
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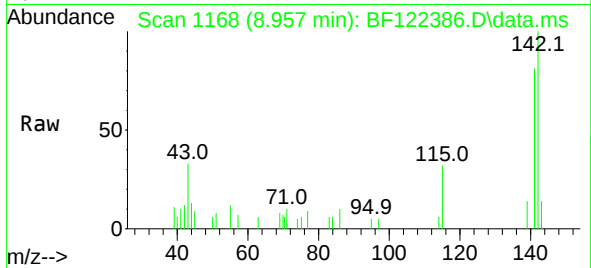
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#38
1-Methylnaphthalene
Concen: 1420.56 ng
RT: 8.957 min Scan# 1168
Delta R.T. -0.012 min
Lab File: BF122386.D
Acq: 19 Nov 2020 18:06

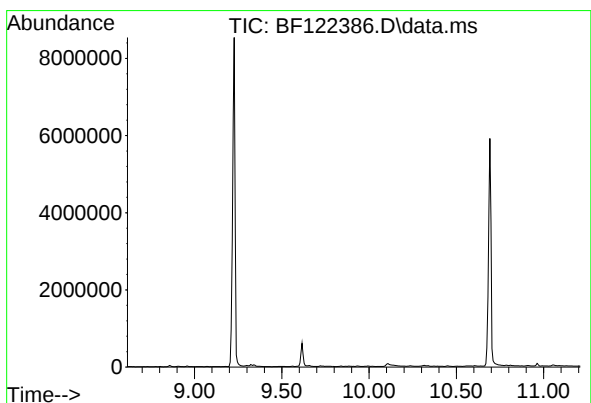
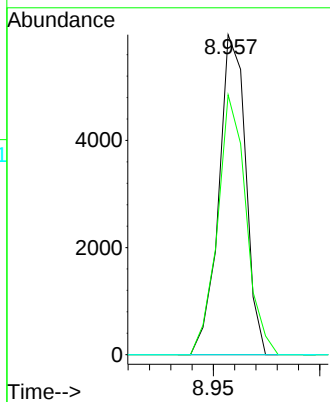
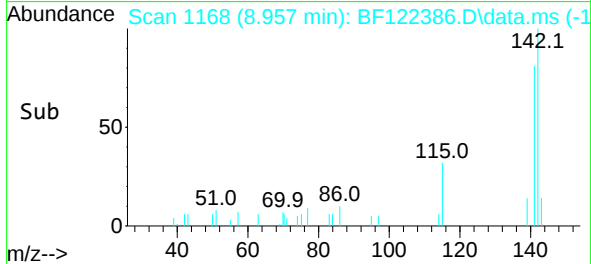
Instrument :
BNA_F
ClientSampleId :
ND-SOIL



Tgt Ion:142 Resp: 5231
Ion Ratio Lower Upper
142 100
141 81.2 74.5 111.7
116 0.0 3.2 4.8#

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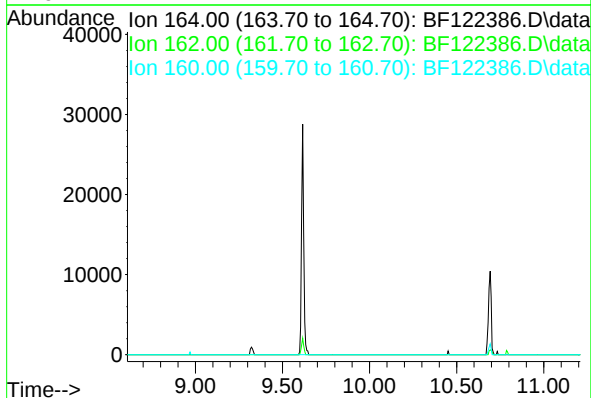
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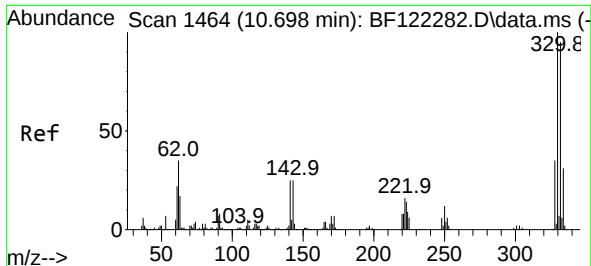


#39
Acenaphthene-d10
Concen: 0.00 ng
Expected RT: 9.91 min

Lab File: BF122386.D
Acq: 19 Nov 2020 18:06

Tgt Ion: 164
Sig Exp Ratio
164 100
162 104.0
160 46.9





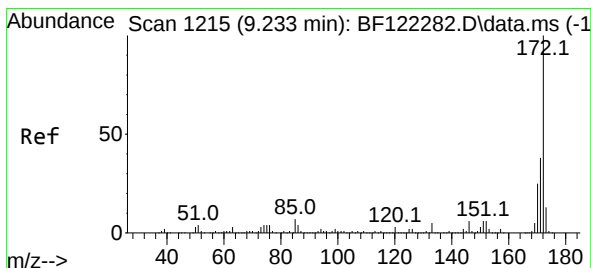
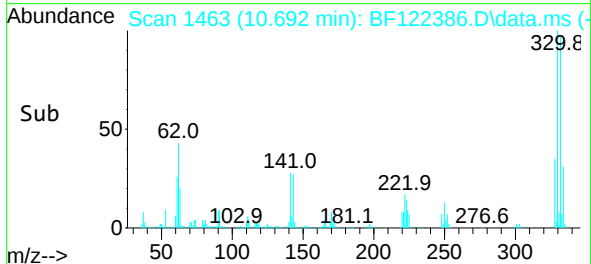
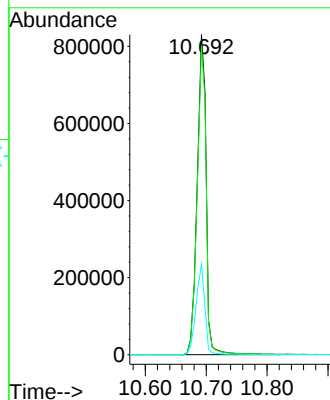
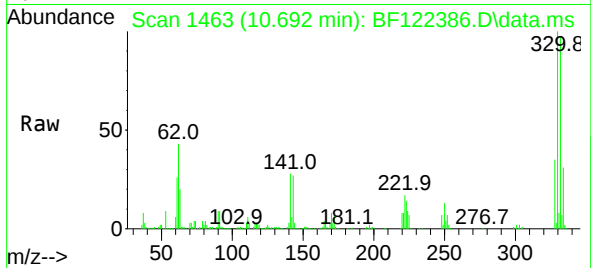
#42
2,4,6-Tribromophenol
Concen: 0.00 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF122386.D
Acq: 19 Nov 2020 18:06

Tgt Ion: 330 Resp: 850411
Ion Ratio Lower Upper
330 100
332 96.7 77.3 115.9
141 28.1 22.3 33.5

Instrument :
BNA_F
ClientSampleId :
ND-SOIL

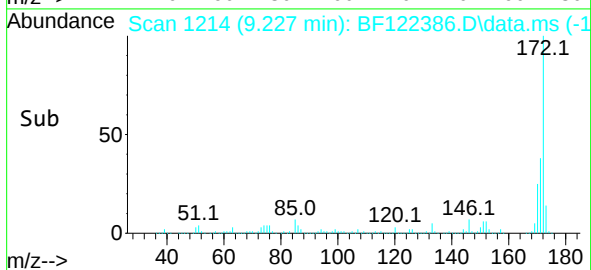
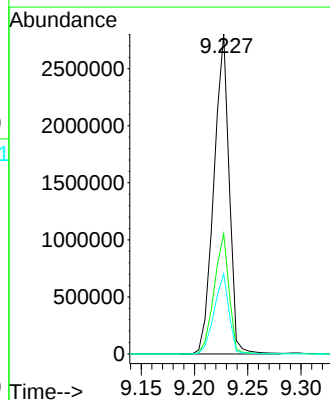
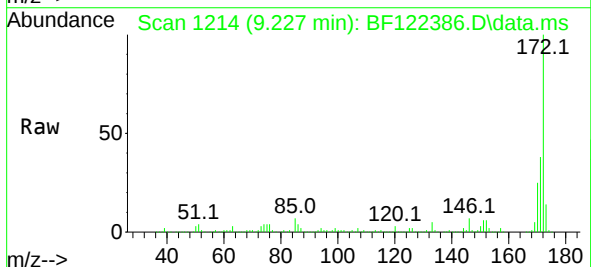
Manual Integrations
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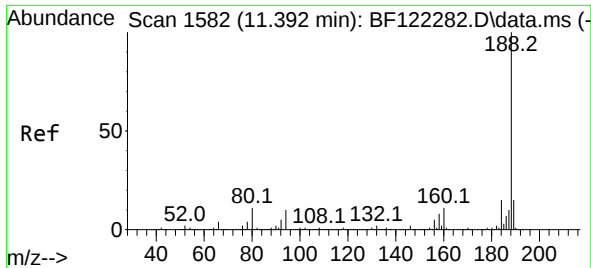
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#45
2-Fluorobiphenyl
Concen: 0.00 ng
RT: 9.227 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF122386.D
Acq: 19 Nov 2020 18:06

Tgt Ion: 172 Resp: 2790599
Ion Ratio Lower Upper
172 100
171 37.6 29.1 43.7
170 25.1 19.8 29.6





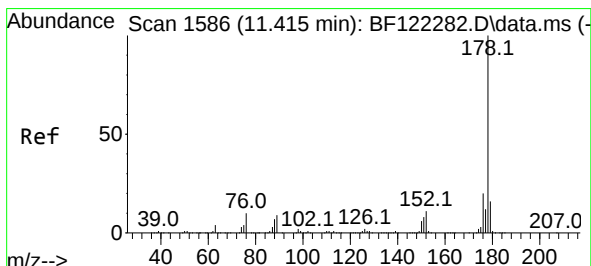
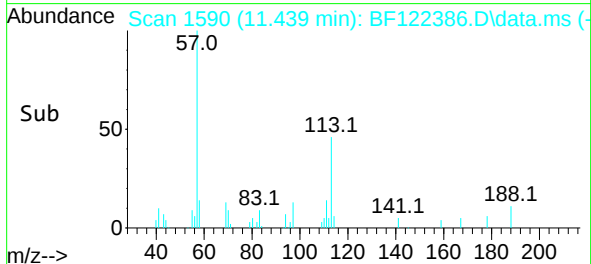
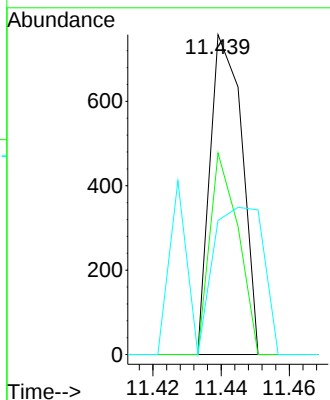
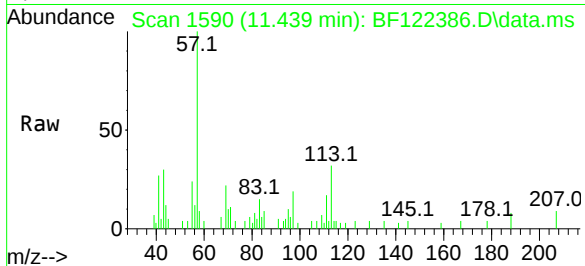
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.439 min Scan# 1590
Delta R.T. 0.047 min
Lab File: BF122386.D
Acq: 19 Nov 2020 18:06

Tgt Ion:188 Resp: 491
Ion Ratio Lower Upper
188 100
94 63.1 8.3 12.5#
80 42.0 9.1 13.7#

Instrument :
BNA_F
ClientSampled :
ND-SOIL

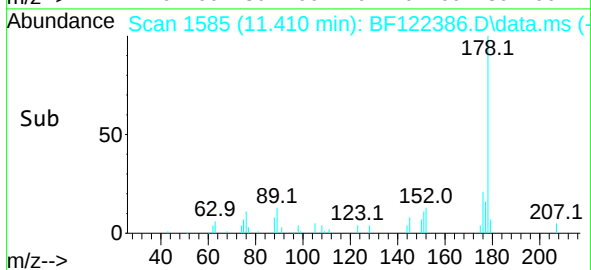
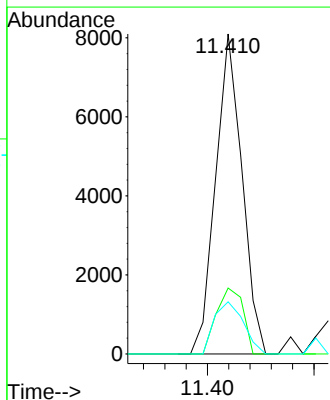
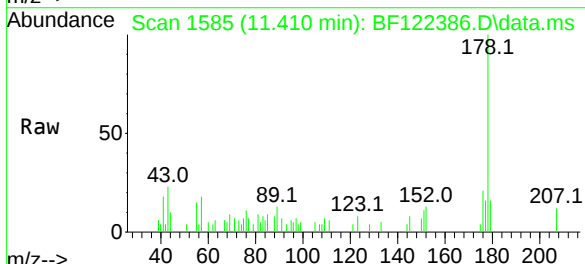
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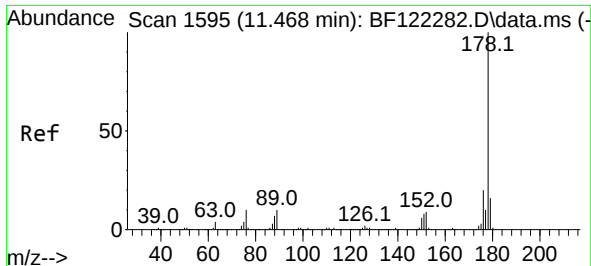
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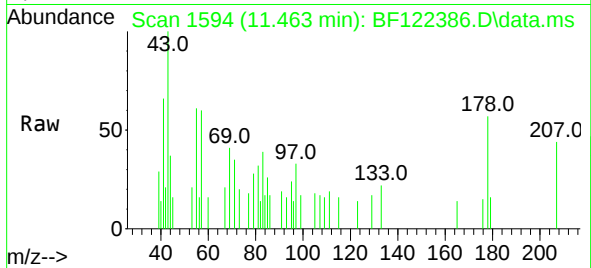
#71
Phenanthrene
Concen: 249.84 ng
RT: 11.410 min Scan# 1585
Delta R.T. -0.006 min
Lab File: BF122386.D
Acq: 19 Nov 2020 18:06

Tgt Ion:178 Resp: 6960
Ion Ratio Lower Upper
178 100
176 20.6 15.9 23.9
179 16.3 12.2 18.4

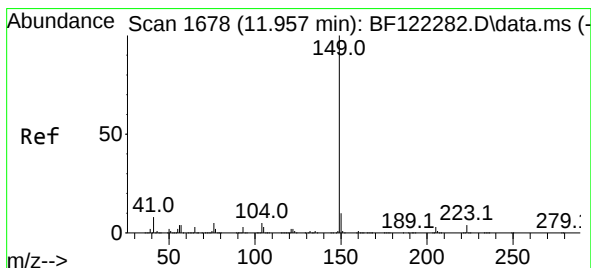
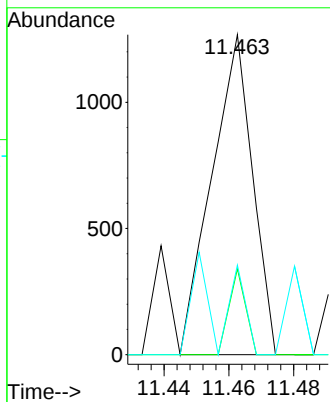
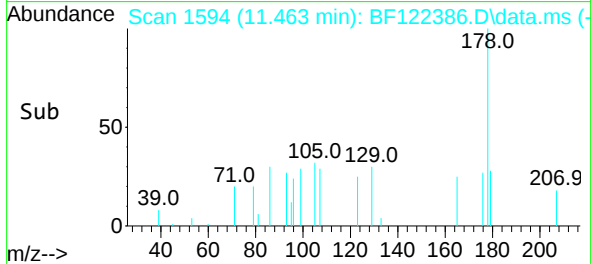




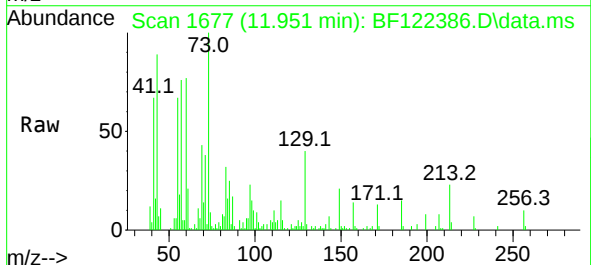
#72
 Anthracene
 Concen: 38.59 ng m
 RT: 11.463 min Scan# 1594
 Delta R.T. -0.006 min
 Lab File: BF122386.D
 Acq: 19 Nov 2020 18:06



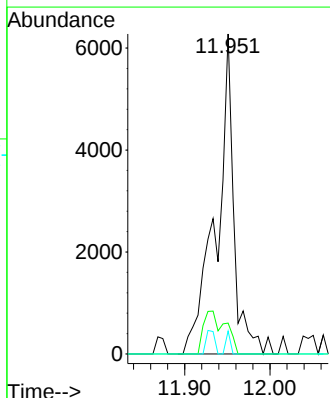
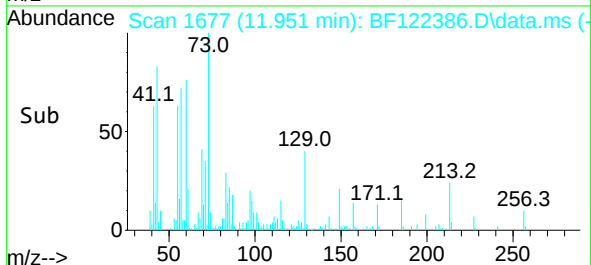
Tgt Ion:178 Resp: 1108
 Ion Ratio Lower Upper
 178 100
 176 26.8 15.7 23.5#
 179 28.0 12.7 19.1#



#74
 Di-n-butylphthalate
 Concen: 325.01 ng
 RT: 11.951 min Scan# 1677
 Delta R.T. -0.006 min
 Lab File: BF122386.D
 Acq: 19 Nov 2020 18:06



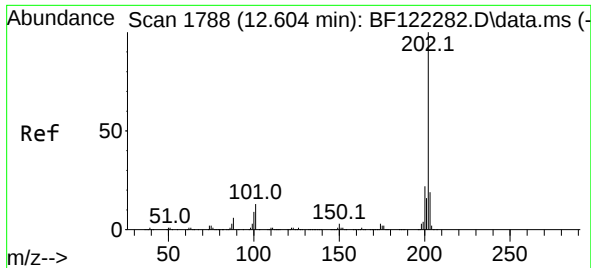
Tgt Ion:149 Resp: 9050
 Ion Ratio Lower Upper
 149 100
 150 9.7 7.7 11.5
 104 7.2 4.2 6.2#



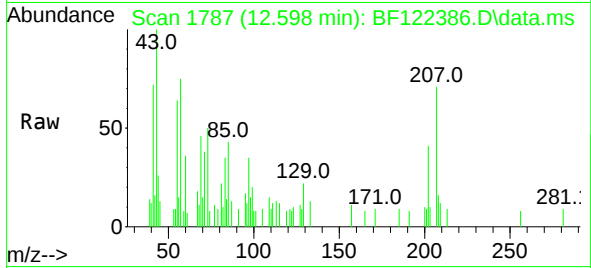
Instrument :
 BNA_F
 ClientSampled :
 ND-SOIL

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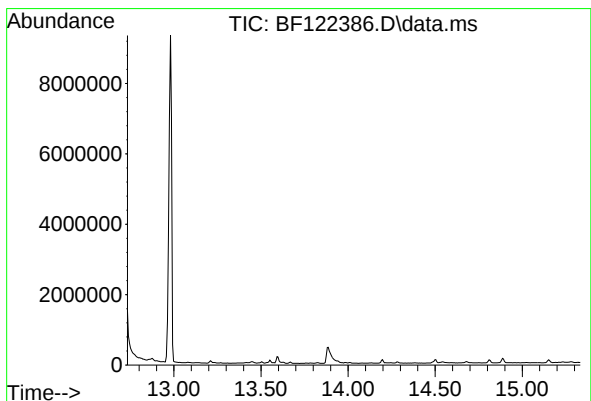
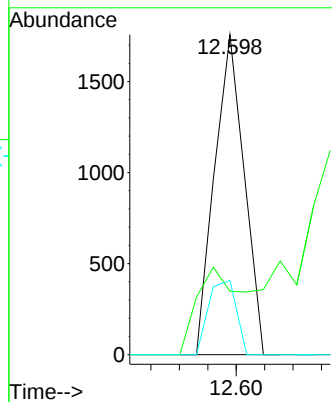
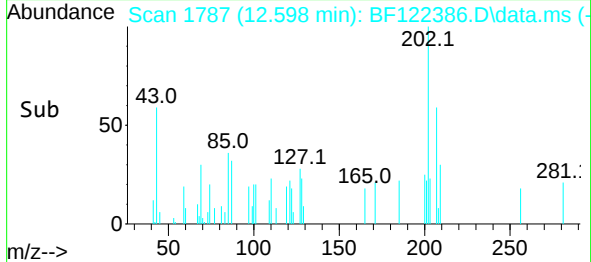
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#75
Fluoranthene
Concen: 43.50 ng
RT: 12.598 min Scan# 1787
Delta R.T. -0.006 min
Lab File: BF122386.D
Acq: 19 Nov 2020 18:06



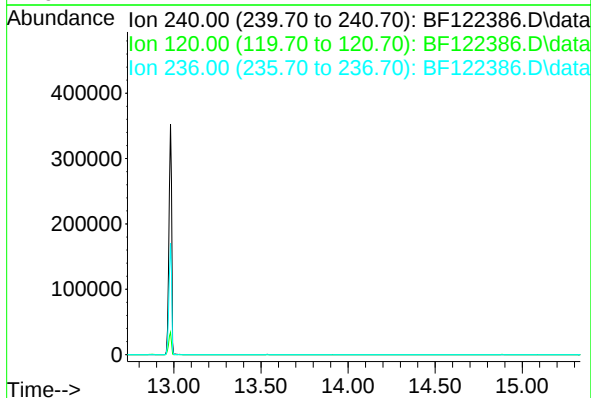
Tgt Ion: 202 Resp: 1265
Ion Ratio Lower Upper
202 100
101 19.8 0.0 33.4
203 23.2 0.0 37.9



#76
Chrysene-d12
Concen: 0.00 ng
Expected RT: 14.03 min

Lab File: BF122386.D
Acq: 19 Nov 2020 18:06

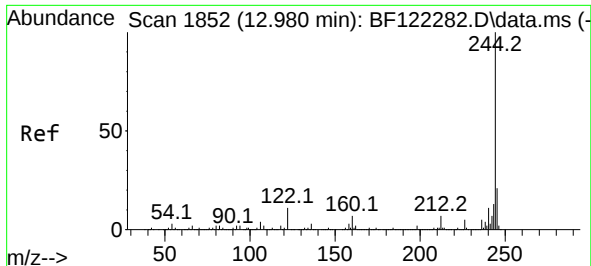
Tgt Ion: 240
Sig Exp Ratio
240 100
120 11.5
236 26.1



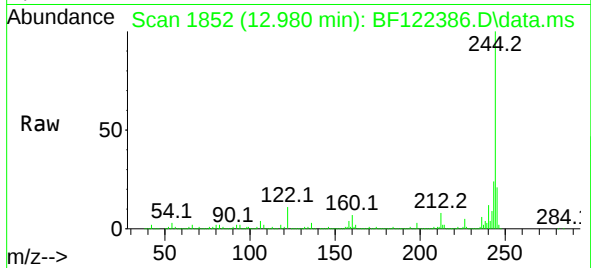
Instrument :
BNA_F
ClientSampleId :
ND-SOIL

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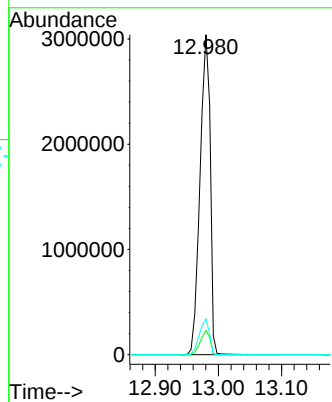
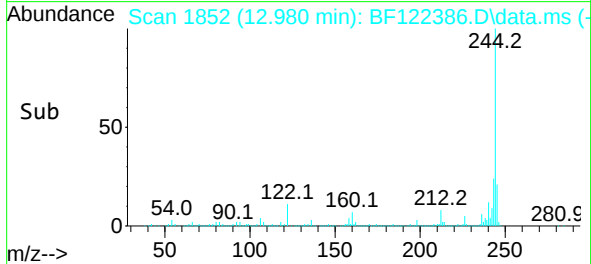
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#79
Terphenyl-d14
Concen: 0.00 ng
RT: 12.980 min Scan# 1852
Delta R.T. 0.000 min
Lab File: BF122386.D
Acq: 19 Nov 2020 18:06



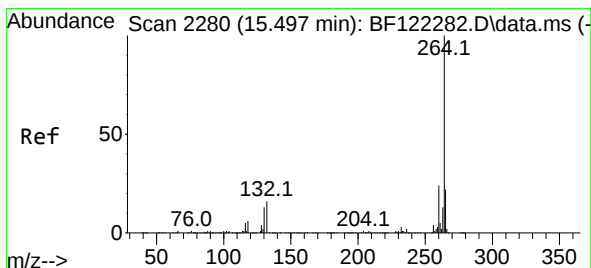
Tgt Ion:244 Resp: 3399116
Ion Ratio Lower Upper
244 100
212 7.5 5.4 8.2
122 11.1 8.1 12.1



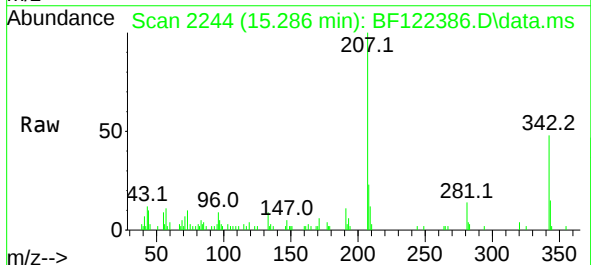
Instrument :
BNA_F
ClientSampled :
ND-SOIL

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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.286 min Scan# 2244
Delta R.T. -0.212 min
Lab File: BF122386.D
Acq: 19 Nov 2020 18:06



Tgt Ion:264 Resp: 388
Ion Ratio Lower Upper
264 100
260 0.0 18.7 28.1#
265 116.5 17.3 25.9#

