

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112718\
 Data File : BF111020.D
 Acq On : 27 Nov 2018 20:05
 Operator : JU/SJ
 Sample : J6064-01 20X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OILY-SOIL

Manual Integrations
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mohammad
 11/28/2018 4:56:50 PM

Quant Time: Nov 28 01:42:26 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF112618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 27 15:32:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	42254	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	154440	20.00	ng	0.00
39) Acenaphthene-d10	9.98	164	65366	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	120700	20.00	ng	0.00
76) Chrysene-d12	14.14	240	95518	20.00	ng	0.00
87) Perylene-d12	15.67	264	64410	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	11308	4.44	ng	0.03
7) Phenol-d6	6.60	99	16171	4.87	ng	0.03
23) Nitrobenzene-d5	7.52	82	9300	3.45	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	3267	5.03	ng	0.00
45) 2-Fluorobiphenyl	9.29	172	19531	4.33	ng	0.00
79) Terphenyl-d14	13.06	244	20327	4.14	ng	0.00
Target Compounds						
22) Acetophenone	7.35	105	32055	8.855	ng	Qvalue # 88
31) Naphthalene	8.25	128	627339	86.656	ng	99
37) 2-Methylnaphthalene	8.94	142	237719	49.714	ng	100
38) 1-Methylnaphthalene	9.03	142	92808m	19.954	ng	

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

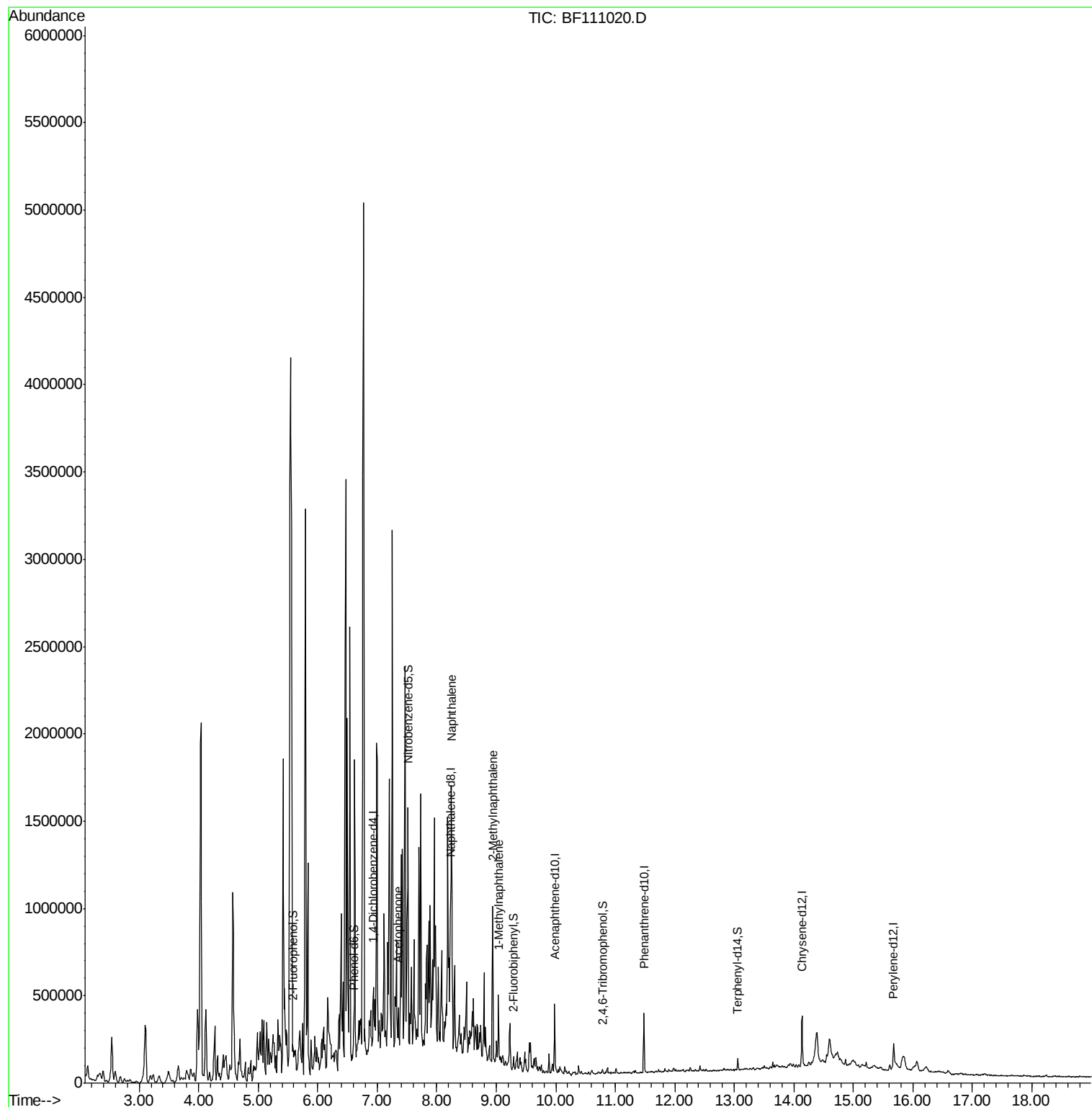
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112718\
Data File : BF111020.D
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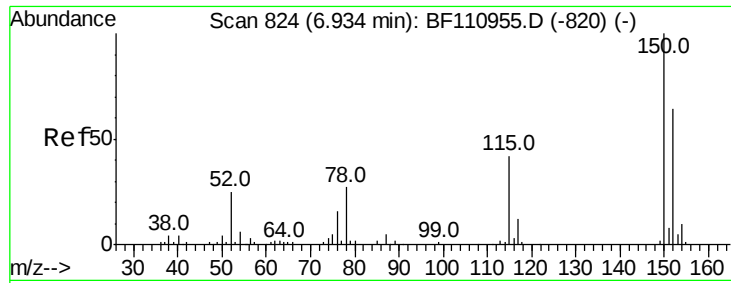
Instrument :
BNA_F
ClientSampleId :
OILY-SOIL

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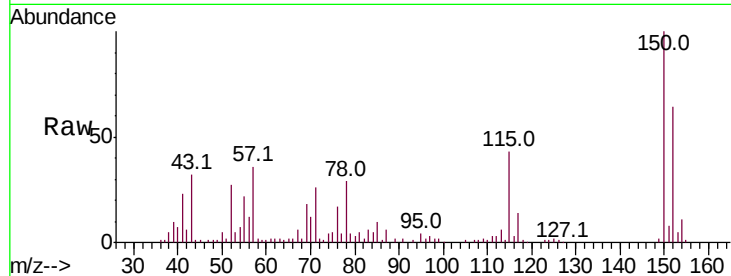
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.94 min Scan# 825
 Delta R.T. 0.01 min
 Lab File: BF111020.D
 Acq: 27 Nov 2018 20:05

Instrument :
 BNA_F
 ClientSampleId :
 OILY-SOIL

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.3	122.7	184.1
115	67.3	49.1	73.7

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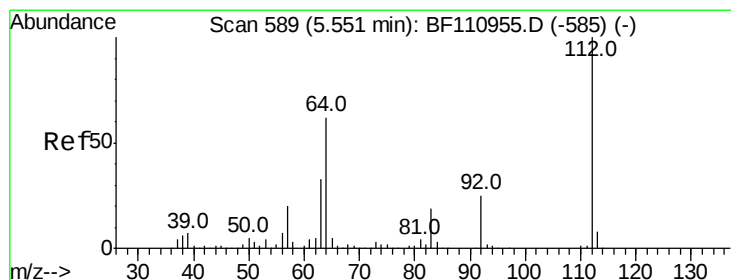
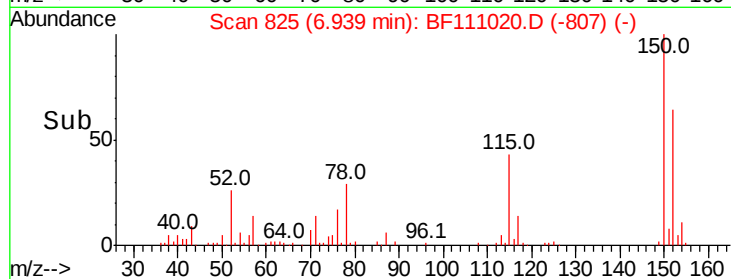
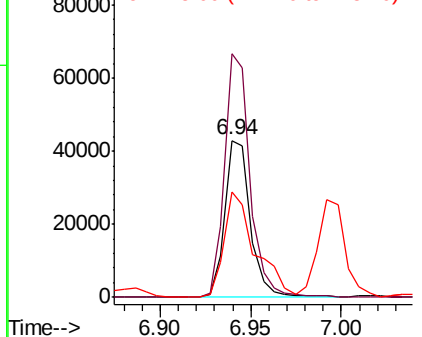


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5
 2-Fluorophenol
 Concen: 4.438 ng
 RT: 5.58 min Scan# 594
 Delta R.T. 0.03 min
 Lab File: BF111020.D
 Acq: 27 Nov 2018 20:05

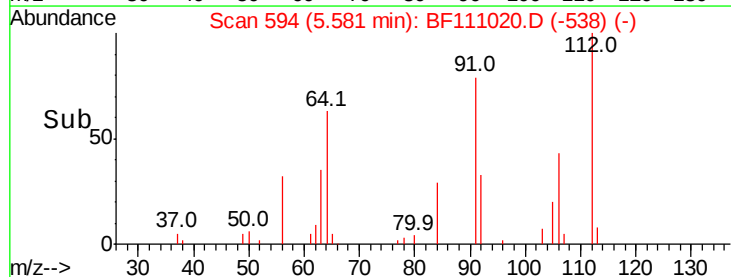
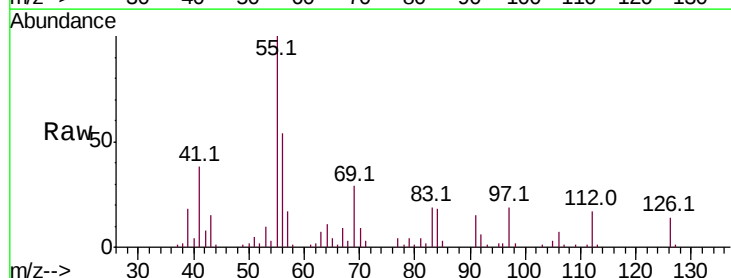
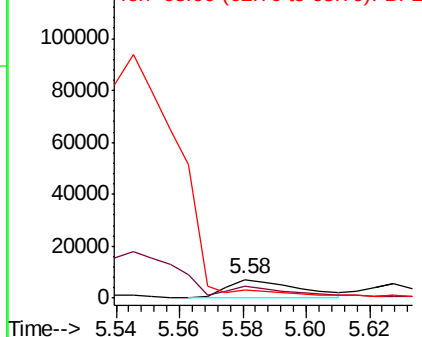
Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.0	44.1	66.1
63	42.2	23.7	35.5

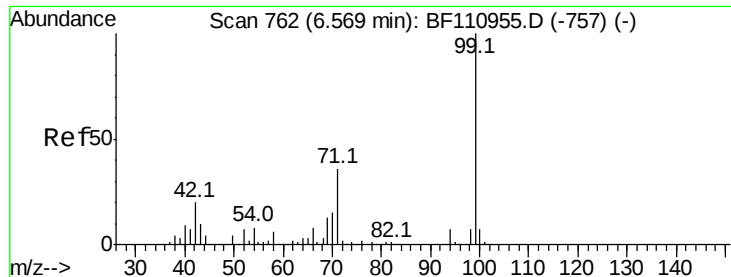
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 4.870 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.03 min

Lab File: BF111020.D

Acq: 27 Nov 2018 20:05

Instrument :

BNA_F

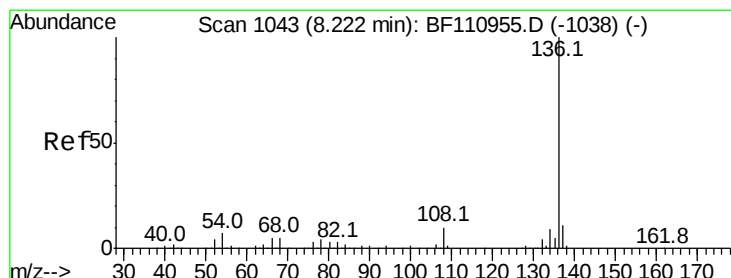
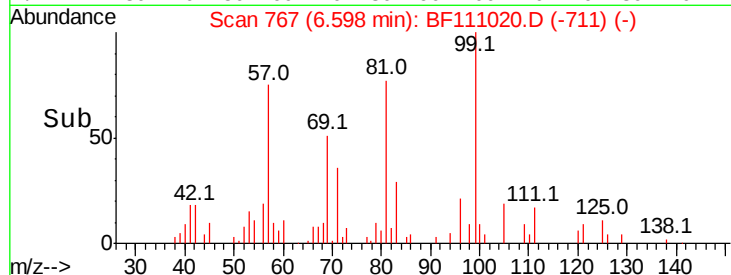
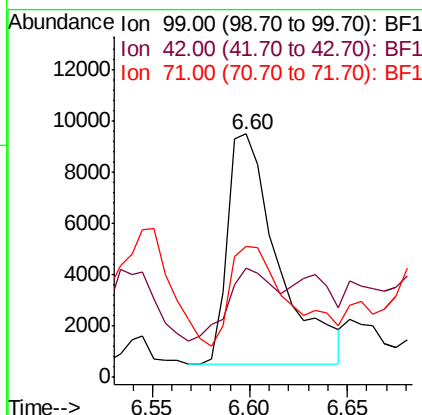
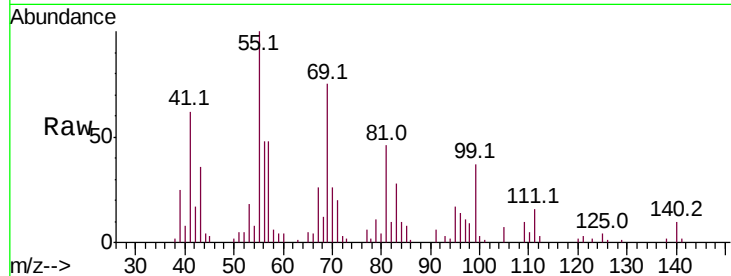
ClientSampleId :

OILY-SOIL

Tot Ion:	99	Resp:	16171
Ion Ratio	Lower	Upper	
99	100		
42	44.7	15.8	23.6#
71	53.8	28.0	42.0#

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#21

Naphthalene-d8

Concen: 20.000 ng

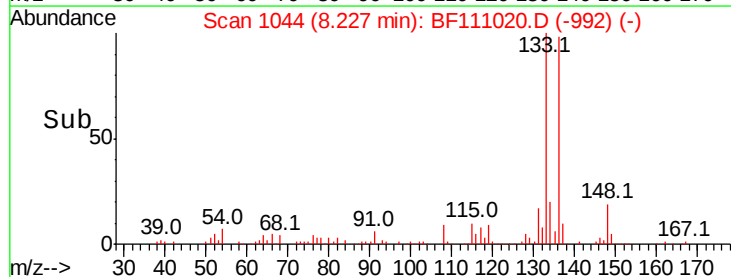
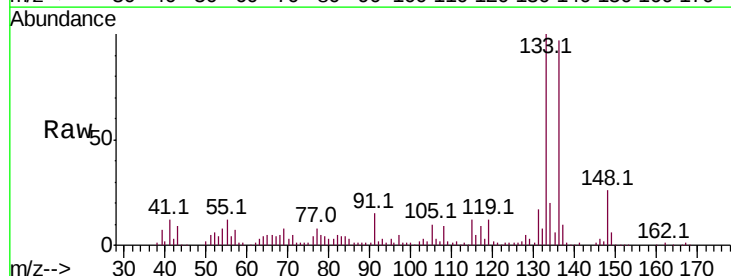
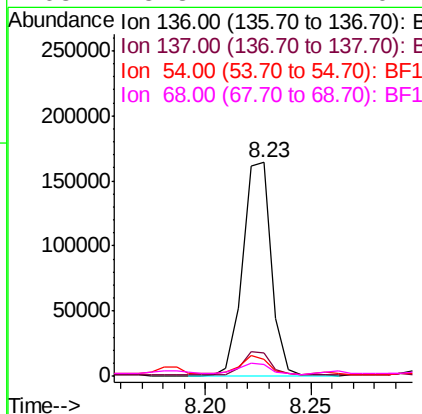
RT: 8.23 min Scan# 1044

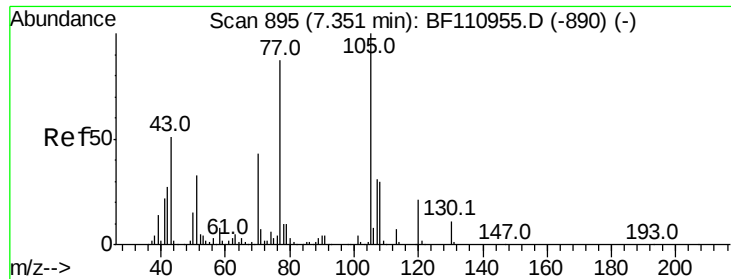
Delta R.T. 0.01 min

Lab File: BF111020.D

Acq: 27 Nov 2018 20:05

Tgt Ion:	136	Resp:	154440
Ion Ratio	Lower	Upper	
136	100		
137	10.8	8.8	13.2
54	8.1	5.4	8.2
68	5.3	4.2	6.2





#22

Acetophenone

Concen: 8.855 ng

RT: 7.35 min Scan# 895

Delta R.T. -0.00 min

Lab File: BF111020.D

Acq: 27 Nov 2018 20:05

Instrument :

BNA_F

ClientSampleId :

OILY-SOIL

Tot Ion:105 Resp: 32055
Ion Ratio Lower Upper

105 100

71 27.7 5.2 7.8#

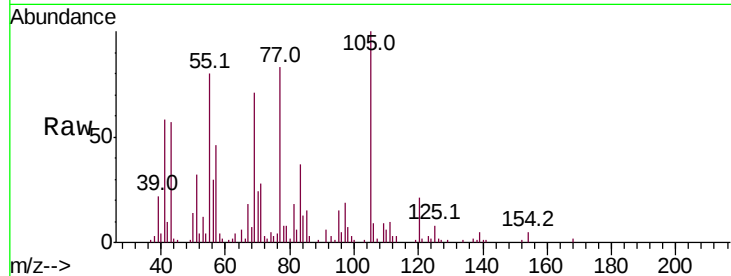
51 32.2 21.8 32.8

120 21.4 17.0 25.4

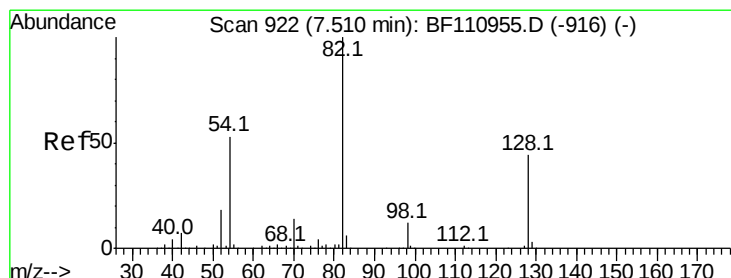
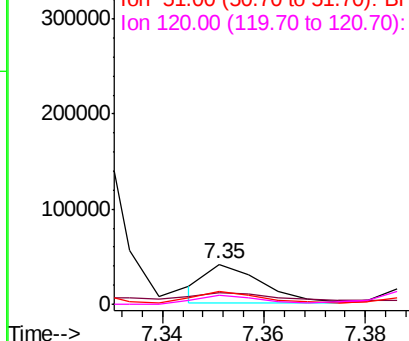
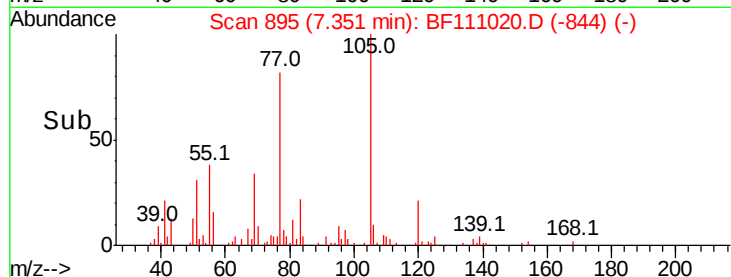
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Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 3.446 ng

RT: 7.52 min Scan# 923

Delta R.T. 0.01 min

Lab File: BF111020.D

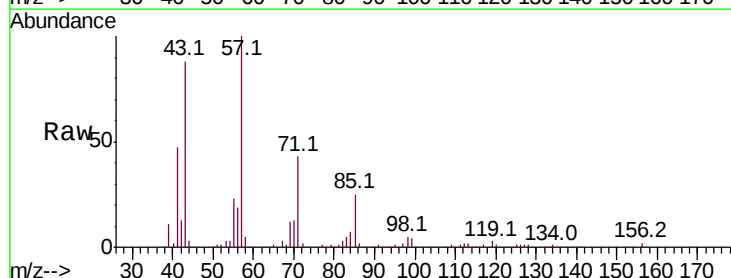
Acq: 27 Nov 2018 20:05

Tgt Ion: 82 Resp: 9300
Ion Ratio Lower Upper

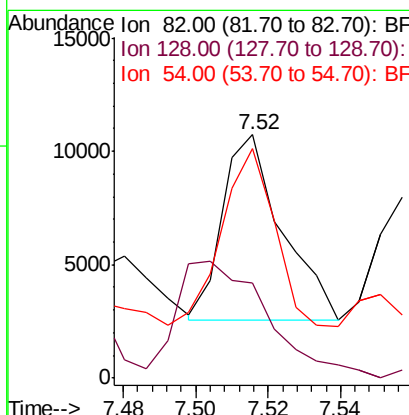
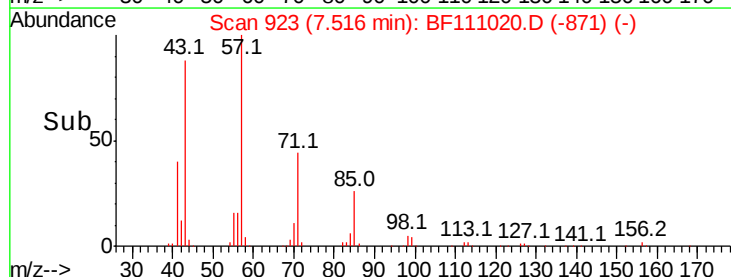
82 100

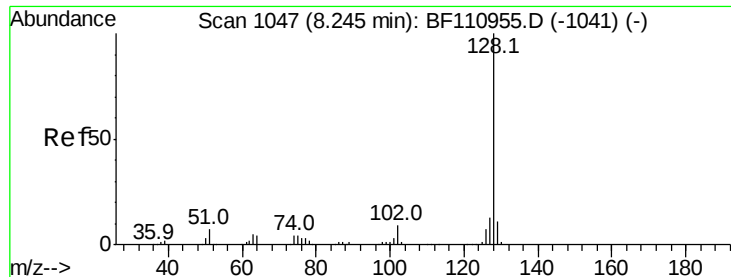
128 39.2 34.2 51.2

54 94.5 38.6 58.0#



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1





#31

Naphthalene

Concen: 86.656 ng

RT: 8.25 min Scan# 1047

Delta R.T. -0.00 min

Lab File: BF111020.D

Acq: 27 Nov 2018 20:05

Instrument :

BNA_F

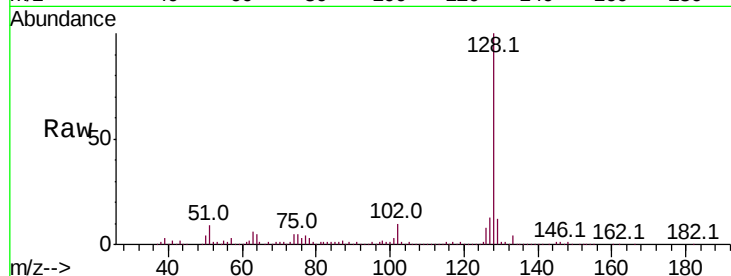
ClientSampleId :

OILY-SOIL

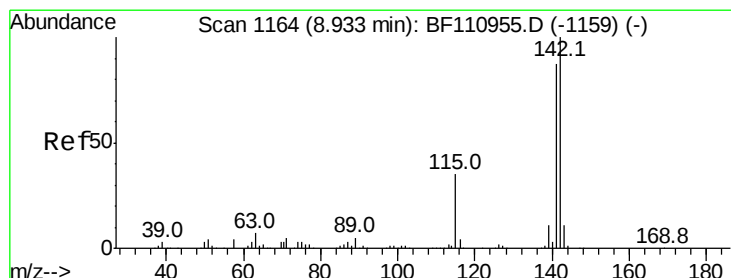
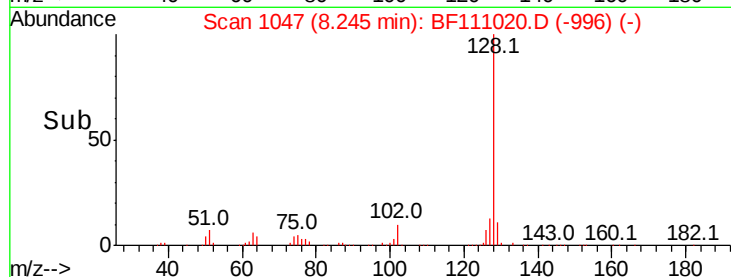
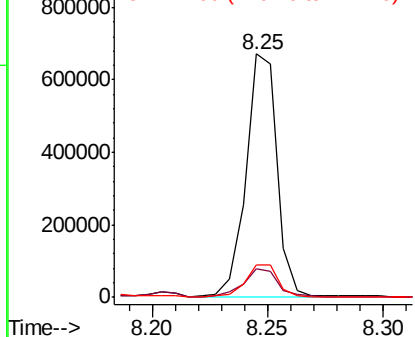
Tot Ion:	128	Resp:	627339
Ion Ratio	Lower	Upper	
128	100		
129	11.6	8.8	13.2
127	13.3	10.8	16.2

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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#37

2-Methylnaphthalene

Concen: 49.714 ng

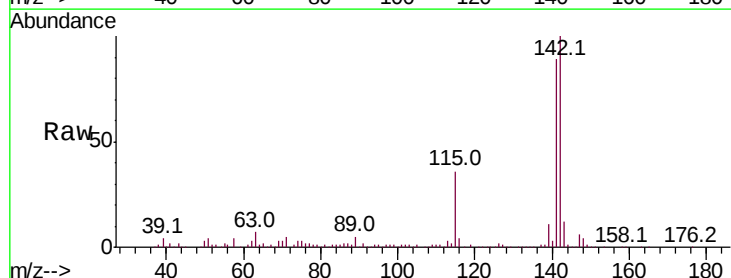
RT: 8.94 min Scan# 1165

Delta R.T. 0.01 min

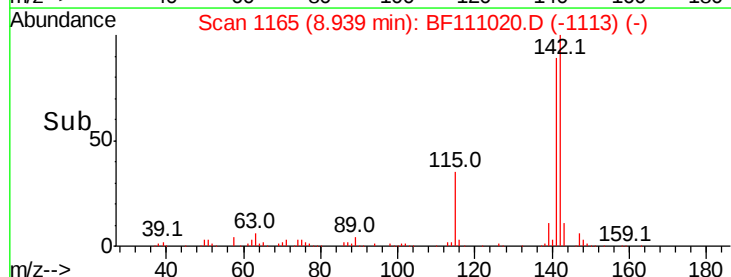
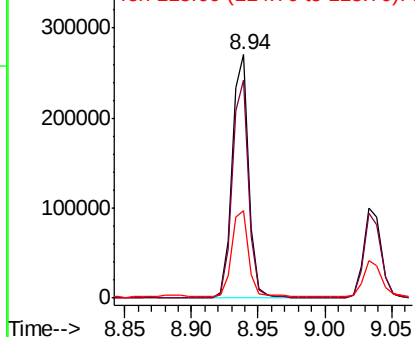
Lab File: BF111020.D

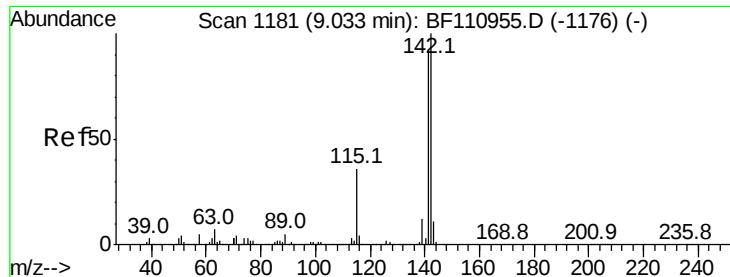
Acq: 27 Nov 2018 20:05

Tgt Ion:	142	Resp:	237719
Ion Ratio	Lower	Upper	
142	100		
141	89.4	71.4	107.2
115	36.0	28.7	43.1



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E





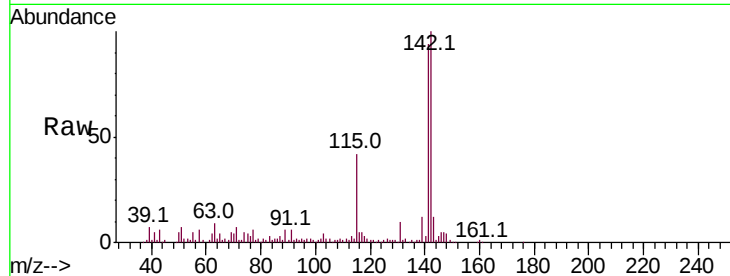
#38
1-Methylnaphthalene
Concen: 19.954 ng
RT: 9.03 min Scan# 1181
Delta R.T. -0.00 min
Lab File: BF111020.D
Acq: 27 Nov 2018 20:05

Instrument :
BNA_F
ClientSampled :
OILY-SOIL

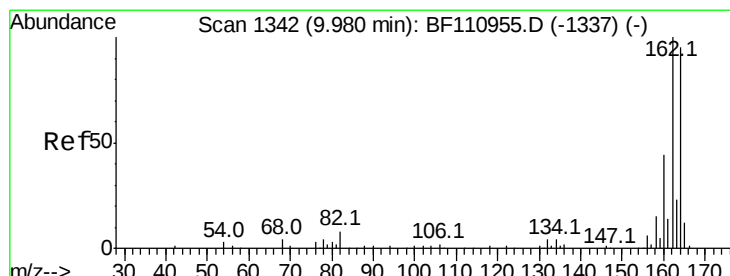
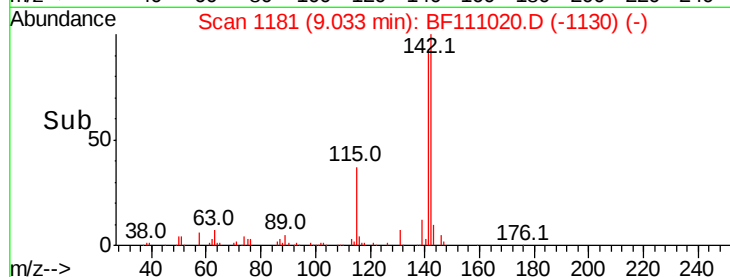
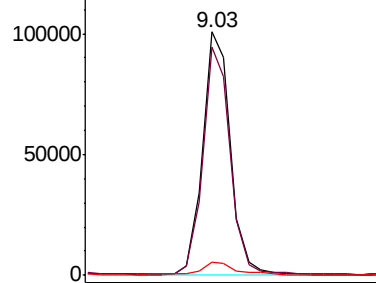
Tot Ion	Ratio	Lower	Upper
142	100		
141	93.7	74.2	111.4
116	5.4	2.6	4.0

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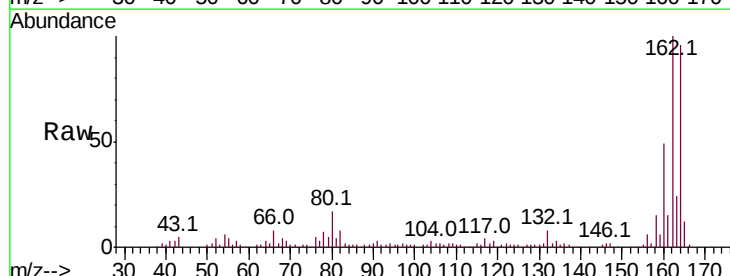


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E

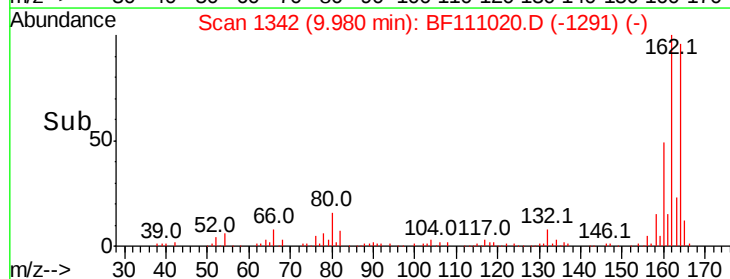
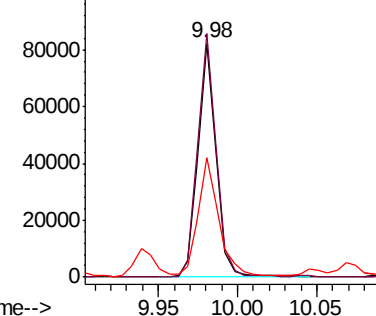


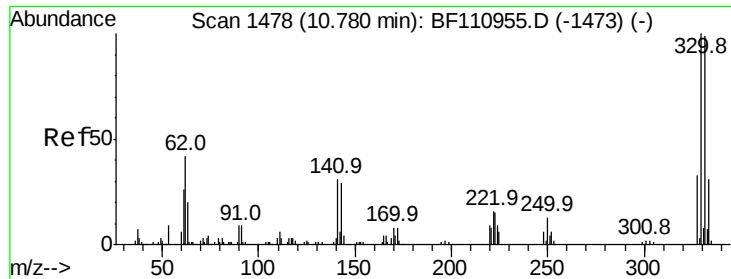
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.00 min
Lab File: BF111020.D
Acq: 27 Nov 2018 20:05

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.1	83.0	124.6
160	51.3	37.0	55.6



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 5.033 ng

RT: 10.79 min Scan# 1479

Delta R.T. 0.01 min

Lab File: BF111020.D

Acq: 27 Nov 2018 20:05

Instrument :

BNA_F

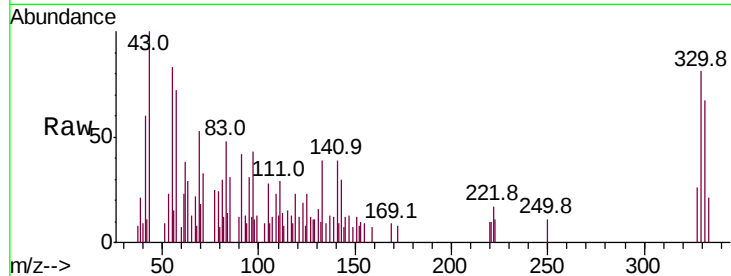
ClientSampled :

OILY-SOIL

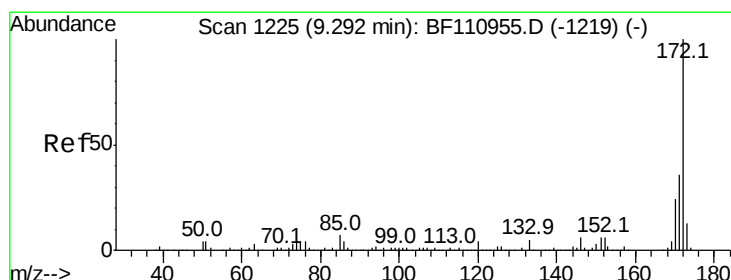
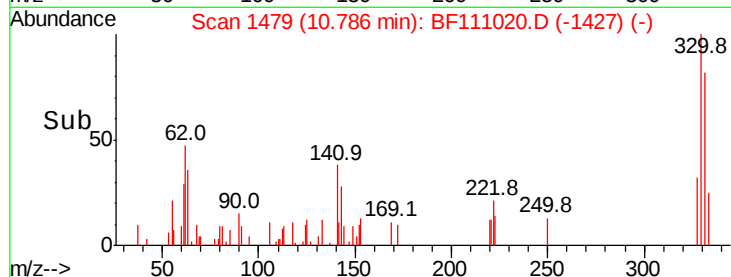
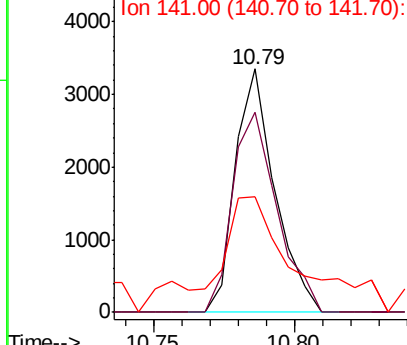
Tot Ion	Ratio	Lower	Upper
330	100		
332	92.3	77.1	115.7
141	100.7	27.0	40.4#

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Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



#45

2-Fluorobiphenyl

Concen: 4.329 ng

RT: 9.29 min Scan# 1225

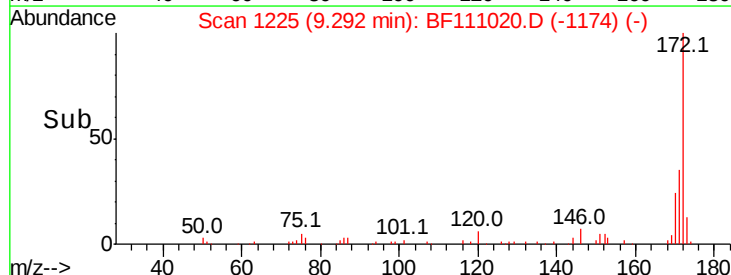
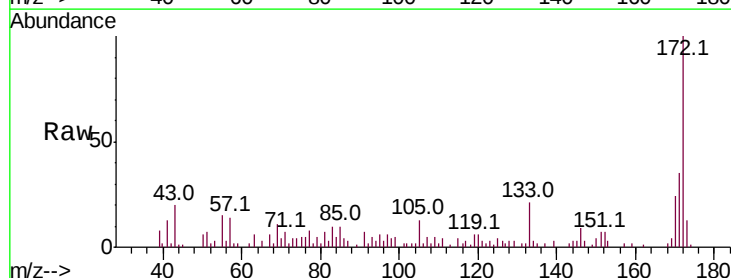
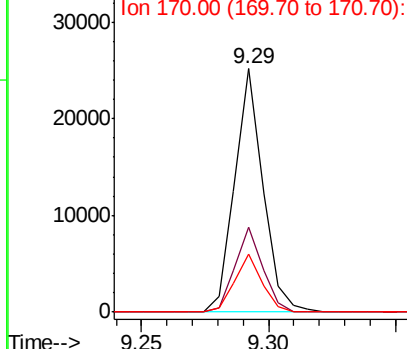
Delta R.T. -0.00 min

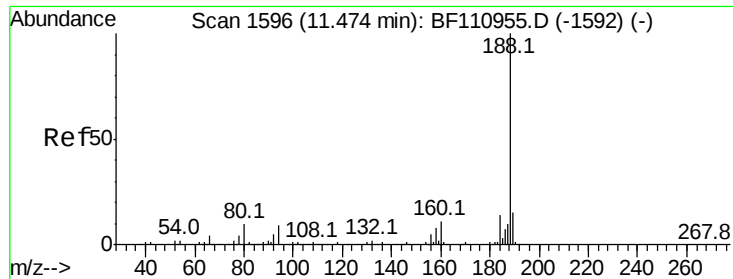
Lab File: BF111020.D

Acq: 27 Nov 2018 20:05

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.7	28.6	43.0
170	23.7	19.7	29.5

Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.48 min Scan# 1597

Delta R.T. 0.01 min

Lab File: BF111020.D

Acq: 27 Nov 2018 20:05

Instrument :

BNA_F

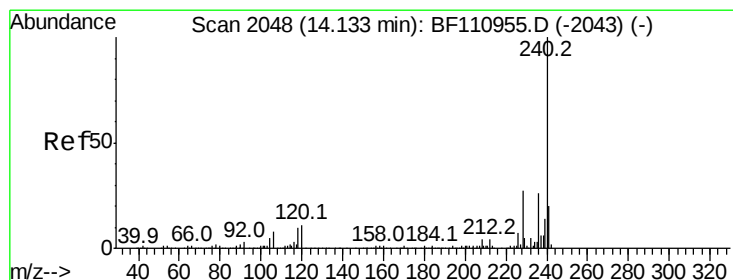
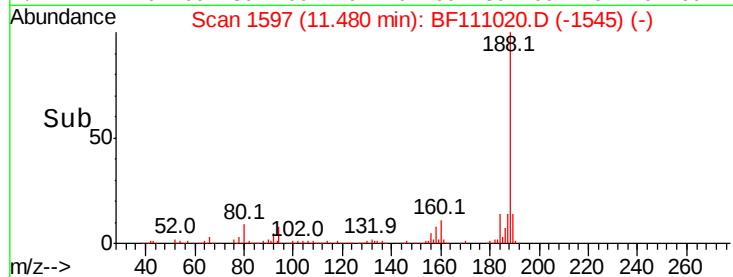
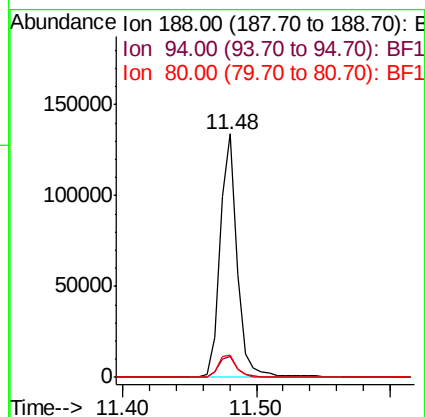
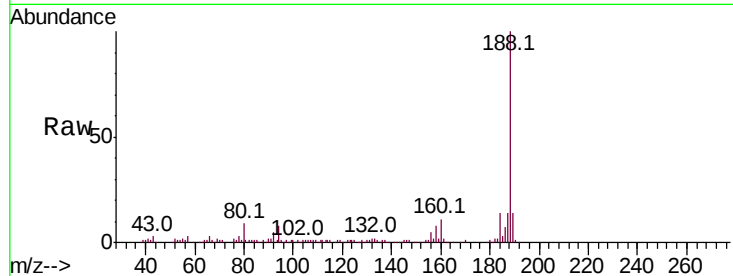
ClientSampled :

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Tot Ion:	188	Resp:	120700
Ion Ratio	Lower	Upper	
188	100		
94	8.4	7.2	10.8
80	9.2	7.9	11.9

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#76

Chrysene-d12

Concen: 20.000 ng

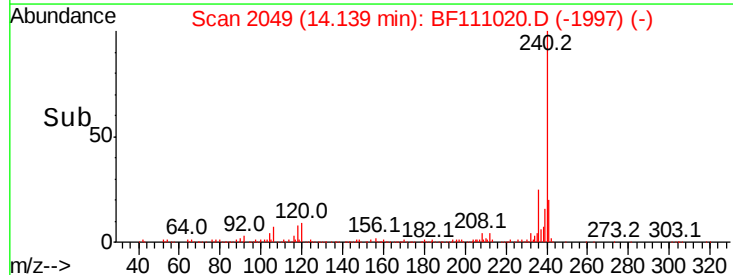
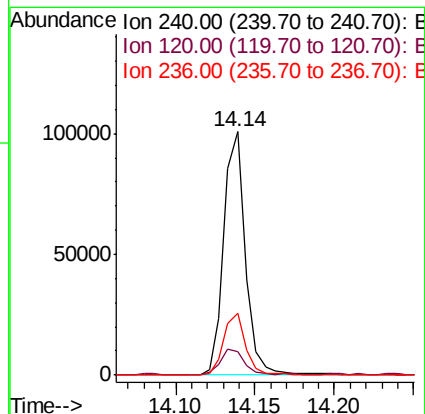
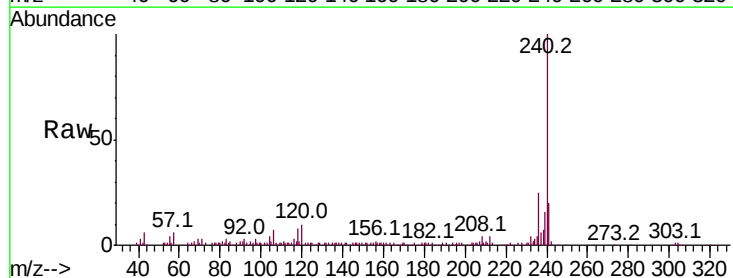
RT: 14.14 min Scan# 2049

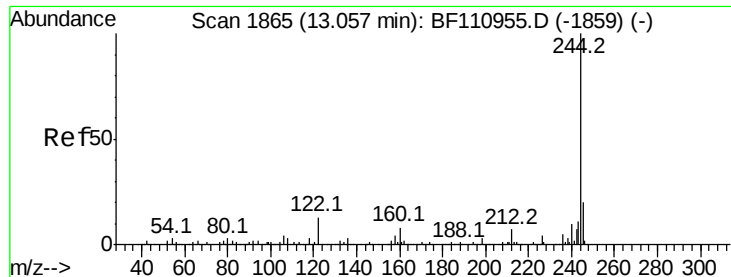
Delta R.T. 0.01 min

Lab File: BF111020.D

Acq: 27 Nov 2018 20:05

Tgt Ion:	240	Resp:	95518
Ion Ratio	Lower	Upper	
240	100		
120	9.8	8.3	12.5
236	25.2	21.2	31.8





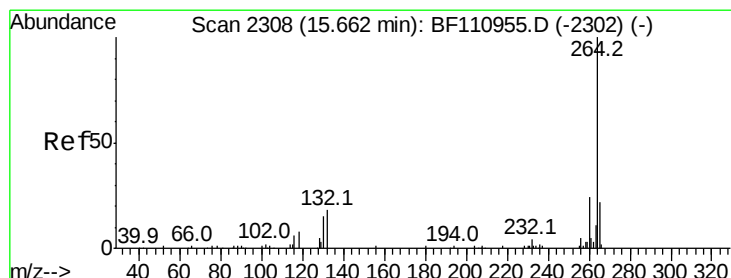
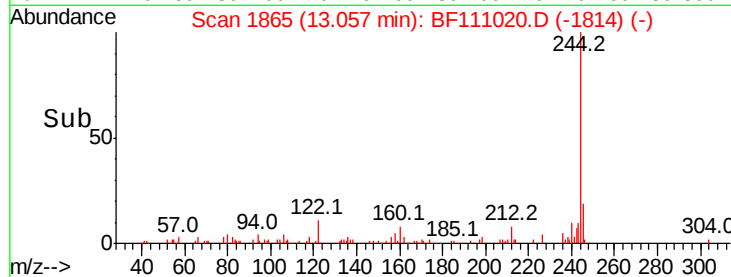
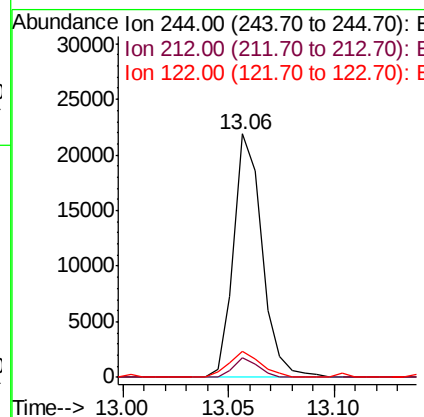
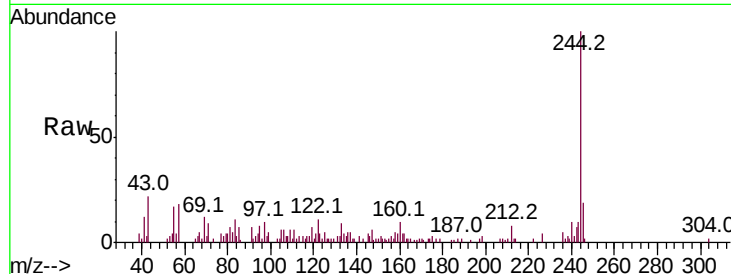
#79
Terphenyl-d14
Concen: 4.143 ng
RT: 13.06 min Scan# 1865
Delta R.T. -0.00 min
Lab File: BF111020.D
Acq: 27 Nov 2018 20:05

Instrument :
BNA_F
ClientSampleId :
OILY-SOIL

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.9	5.8	8.8
122	10.9	8.7	13.1

Manual Integrations
APPROVED

mohammad
11/28/2018 4:56:50 PM



#87
Perylene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2310
Delta R.T. 0.01 min
Lab File: BF111020.D
Acq: 27 Nov 2018 20:05

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.7	28.1
265	20.8	16.7	25.1

