

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032417\
 Data File : BF093903.D
 Acq On : 24 Mar 2017 12:52
 Operator : SJ/MA
 Sample : I2348-04RE 2X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JFC-SOIL-COMPRES

Manual Integrations
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Quant Time: Mar 24 14:18:53 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 23 02:02:22 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.97	152	184456	20.00	ng	-0.02
21) Naphthalene-d8	7.47	136	710505	20.00	ng	-0.02
38) Acenaphthene-d10	9.62	164	302804	20.00	ng	-0.02
63) Phenanthrene-d10	11.44	188	470371	20.00	ng	-0.02
75) Chrysene-d12	14.69	240	336654	20.00	ng	-0.02
86) Perylene-d12	16.33	264	276318	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	4.49	112	128332	11.75	ng	-0.01
7) Phenol-d6	5.55	99	191658	14.19	ng	-0.02
23) Nitrobenzene-d5	6.61	82	249483	20.04	ng	-0.03
41) 2,4,6-Tribromophenol	10.58	330	11258	4.70	ng	-0.03
44) 2-Fluorobiphenyl	8.79	172	399256	20.11	ng	-0.03
78) Terphenyl-d14	13.41	244	147404	9.81	ng	-0.03
Target Compounds						Qvalue
31) Naphthalene	7.50	128	135198	3.96	ng	99
37) 2-Methylnaphthalene	8.34	142	52937	2.32	ng	97
49) Dimethylphthalate	9.29	163	83610	3.88	ng	99
51) Acenaphthene	9.65	154	42261	2.28	ng	94
70) Phenanthrene	11.47	178	87149	3.33	ng	99
74) Fluoranthene	12.93	202	75226	2.81	ng	99
77) Pyrene	13.20	202	55850m	2.29	ng	
83) Bis(2-ethylhexyl)phthalate	14.74	149	58331	4.11	ng	# 99

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

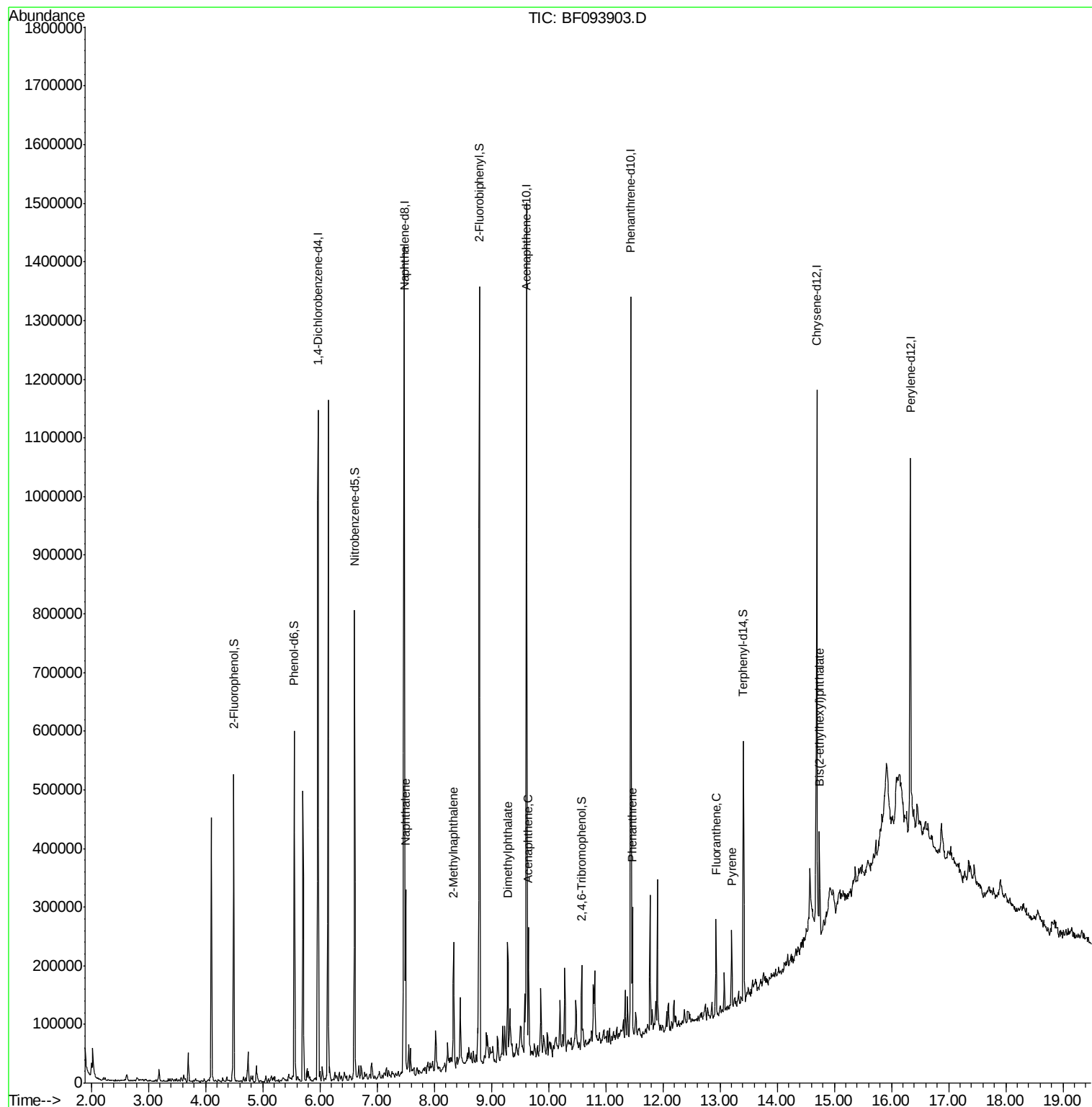
Data Path : Z:\HPCHEM1\BNA F\DATA\BF032417\
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Misc :
ALS Vial : 6 Sample Multiplier: 1

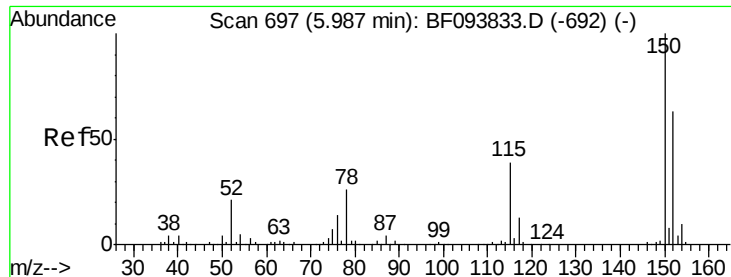
Instrument :
BNA_F
ClientSampleId :
JFC-SOIL-COMPRES

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#1

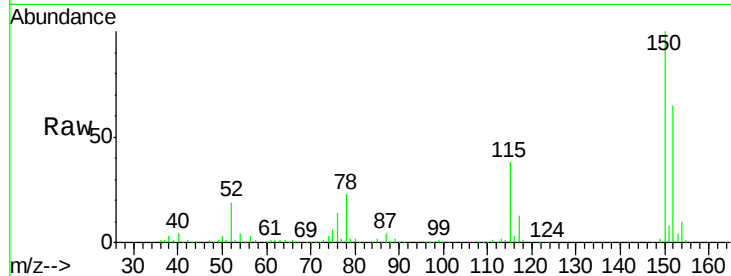
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.97 min Scan# 694
Delta R.T. -0.02 min
Lab File: BF093903.D
Acq: 24 Mar 2017 12:52

Instrument :
BNA_F
ClientSampleId :
JFC-SOIL-COMPRE

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.2	126.2	189.2
115	58.6	52.2	78.2

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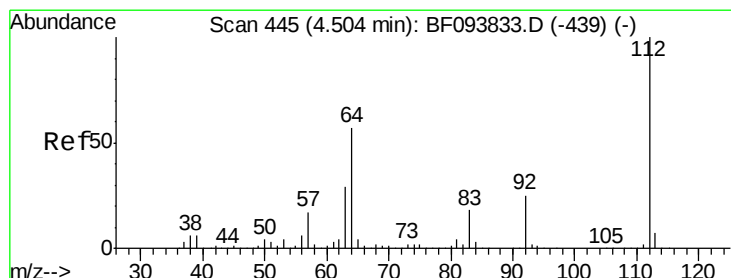
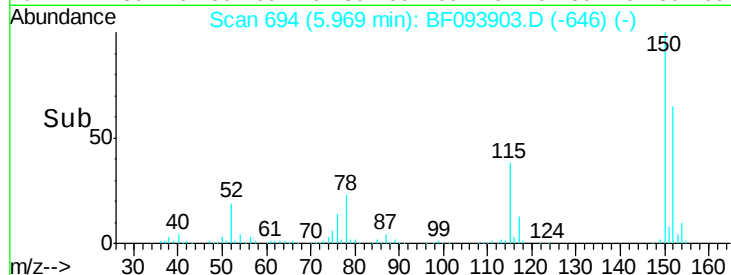
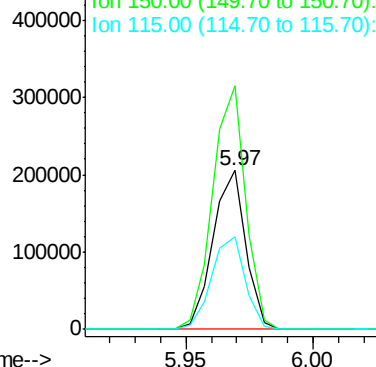


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

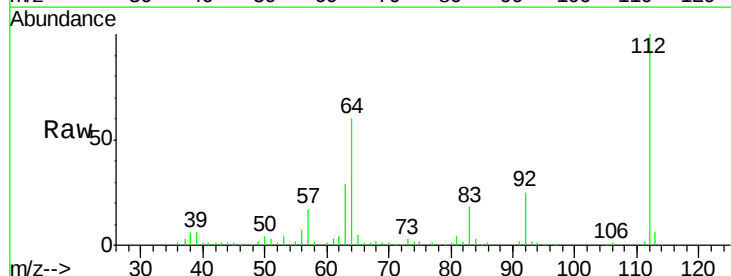
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 11.75 ng
RT: 4.49 min Scan# 443
Delta R.T. -0.01 min
Lab File: BF093903.D
Acq: 24 Mar 2017 12:52

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.0	46.0	69.0
63	28.8	23.4	35.0

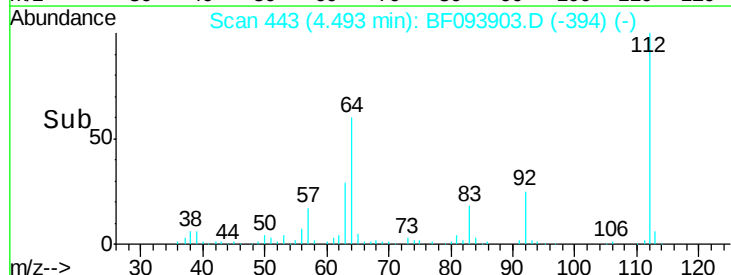
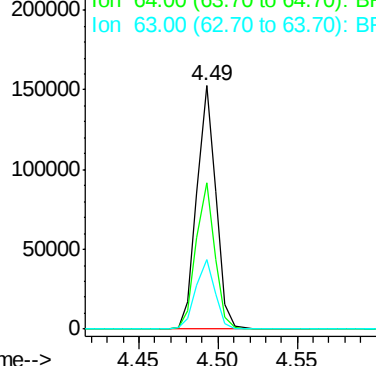


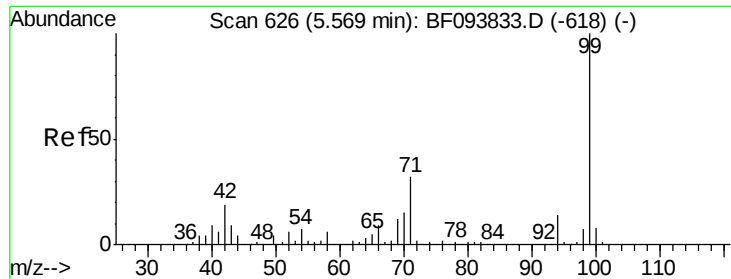
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 14.19 ng

RT: 5.55 min Scan# 623

Delta R.T. -0.02 min

Lab File: BF093903.D

Acq: 24 Mar 2017 12:52

Instrument :

BNA_F

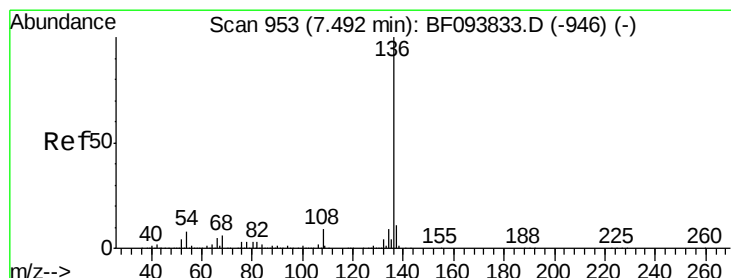
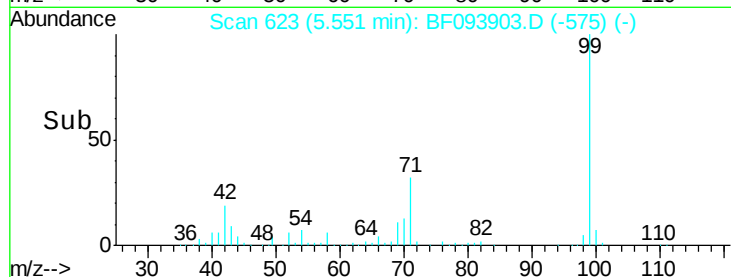
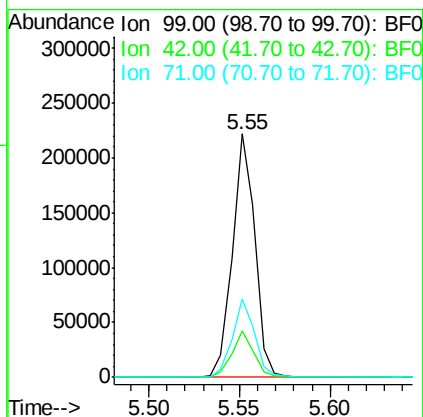
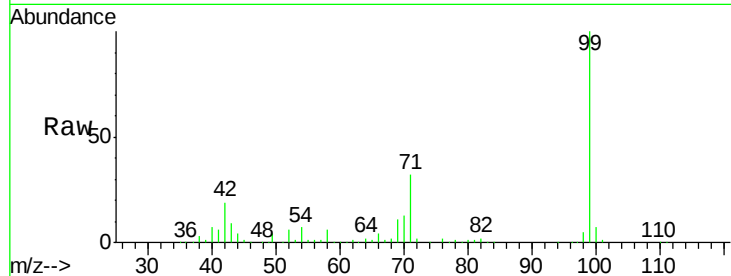
ClientSampleId :

JFC-SOIL-COMPRE

Tot Ion:	99	Resp:	191658
Ion Ratio	Lower	Upper	
99	100		
42	19.1	13.5	20.3
71	32.0	24.5	36.7

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#21

Naphthalene-d8

Concen: 20.00 ng

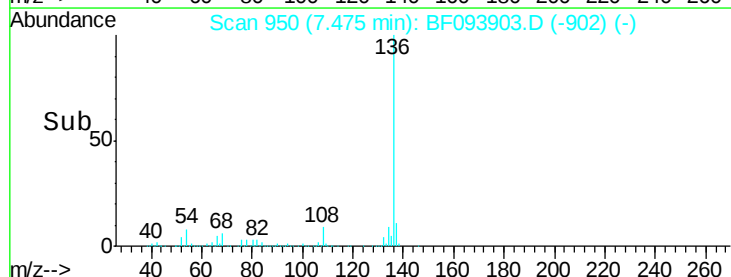
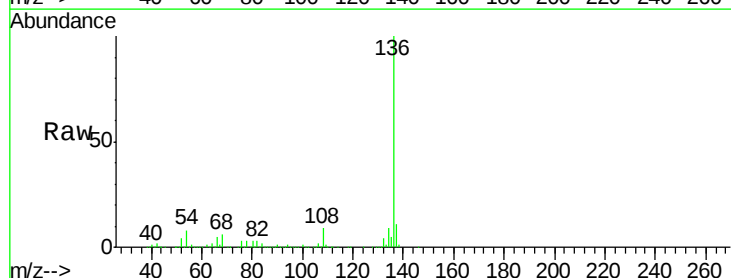
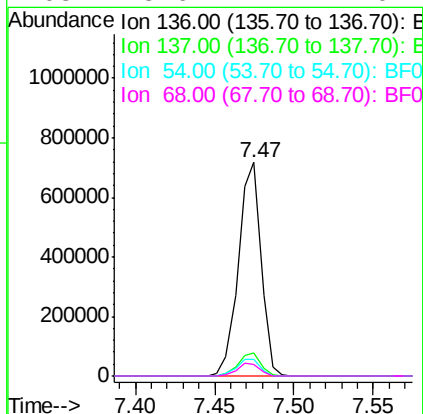
RT: 7.47 min Scan# 950

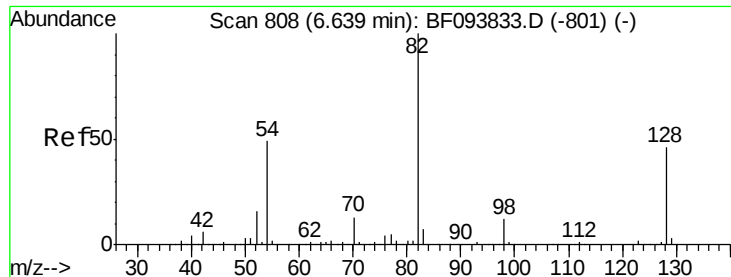
Delta R.T. -0.02 min

Lab File: BF093903.D

Acq: 24 Mar 2017 12:52

Tgt Ion:	136	Resp:	710505
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.5	12.7
54	7.7	4.9	7.3
68	5.6	4.1	6.1





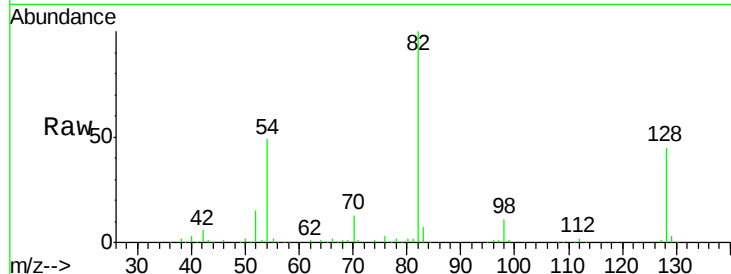
#23
Nitrobenzene-d5
Concen: 20.04 ng
RT: 6.61 min Scan# 803
Delta R.T. -0.03 min
Lab File: BF093903.D
Acq: 24 Mar 2017 12:52

Instrument :
BNA_F
ClientSampleId :
JFC-SOIL-COMP

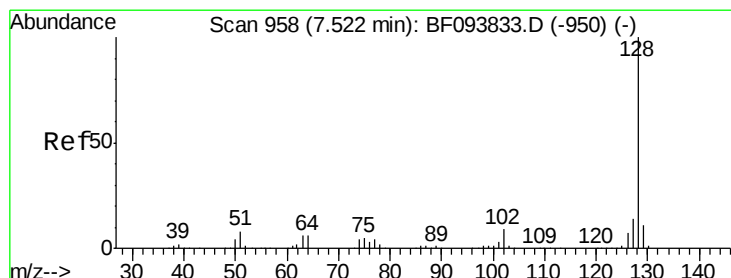
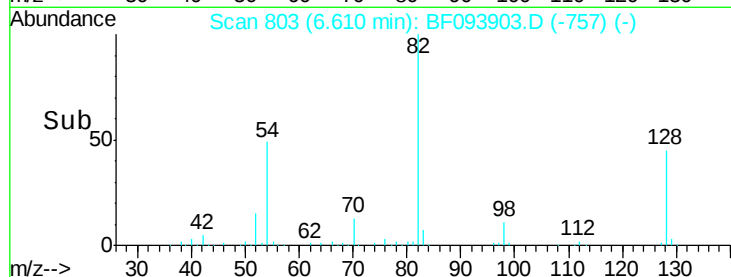
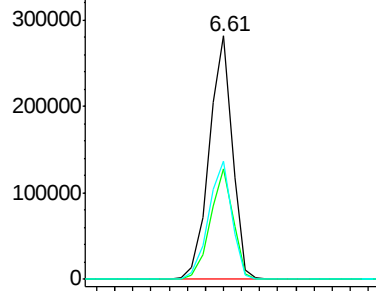
Tot Ion	Ratio	Resp	Lower	Upper
82	100	249483		
128	45.1	34.0	51.0	
54	48.6	42.2	63.2	

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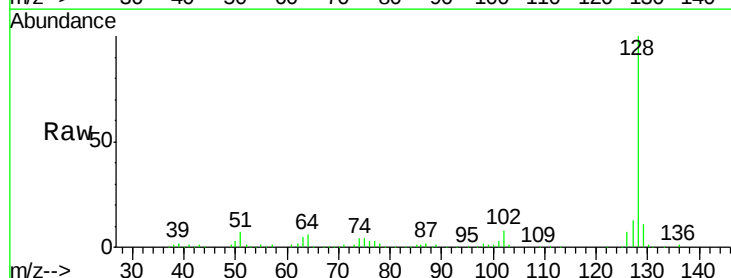


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

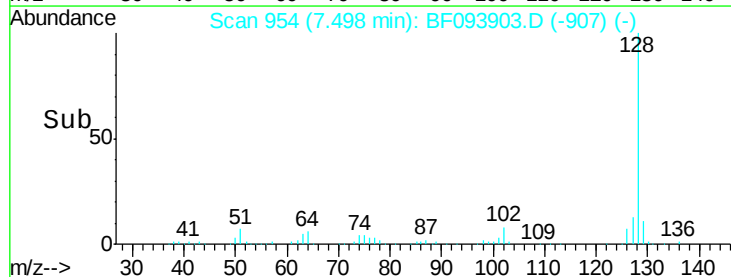
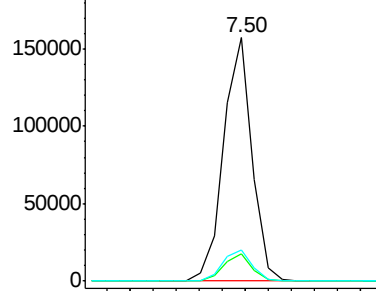


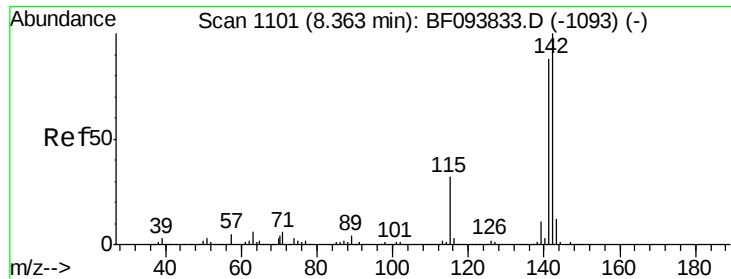
#31
Naphthalene
Concen: 3.96 ng
RT: 7.50 min Scan# 954
Delta R.T. -0.02 min
Lab File: BF093903.D
Acq: 24 Mar 2017 12:52

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	135198		
129	11.3	9.0	13.6	
127	12.6	10.8	16.2	



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





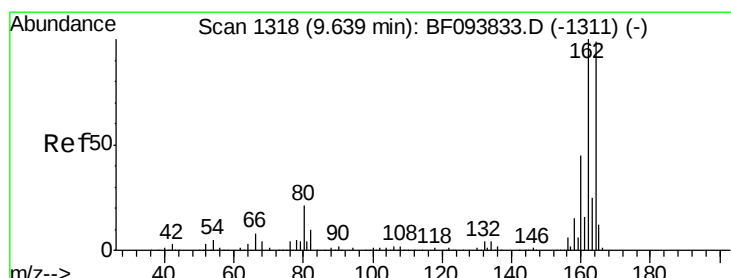
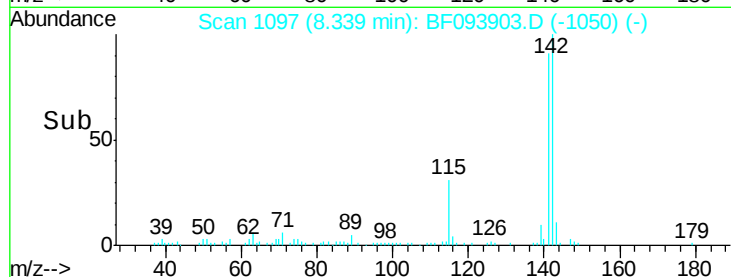
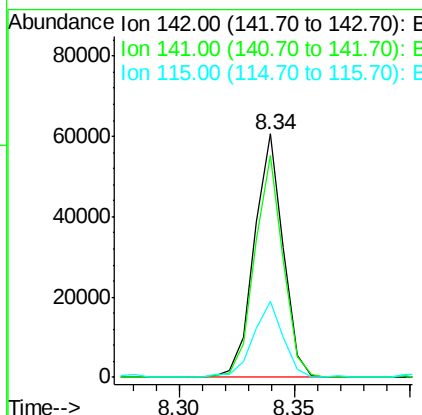
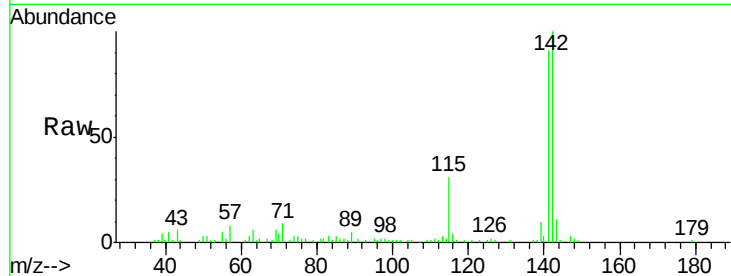
#37
 2-Methylnaphthalene
 Concen: 2.32 ng
 RT: 8.34 min Scan# 1097
 Delta R.T. -0.02 min
 Lab File: BF093903.D
 Acq: 24 Mar 2017 12:52

Instrument :
 BNA_F
 ClientSampleId :
 JFC-SOIL-COMPRE

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.2	71.3	106.9
115	31.1	27.1	40.7

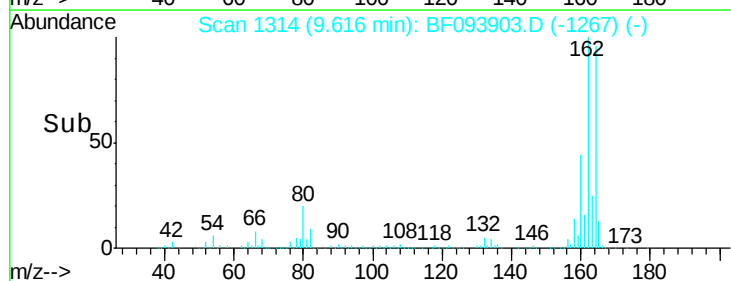
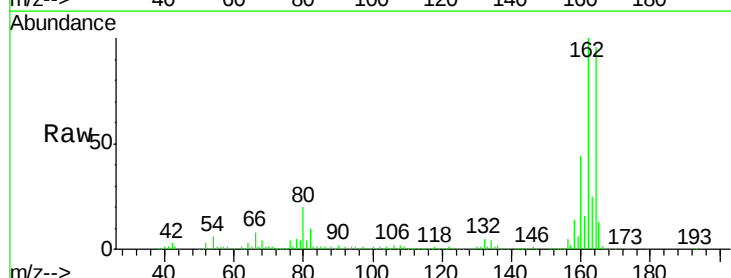
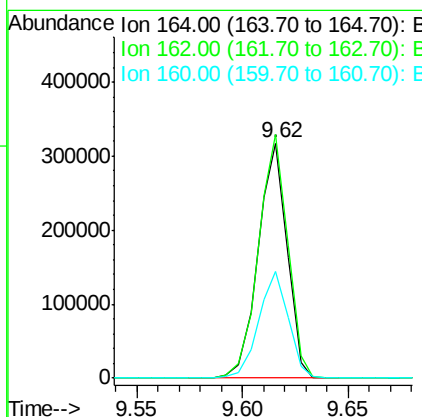
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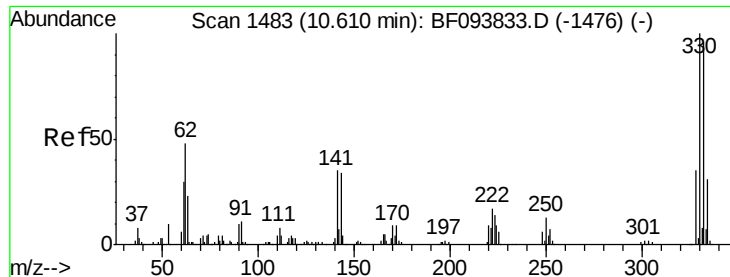
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.62 min Scan# 1314
 Delta R.T. -0.02 min
 Lab File: BF093903.D
 Acq: 24 Mar 2017 12:52

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.6	82.6	123.8
160	45.3	36.2	54.2





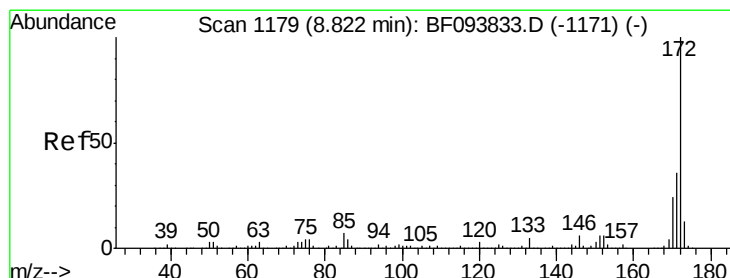
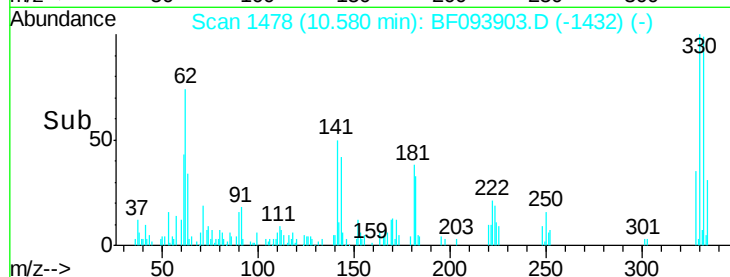
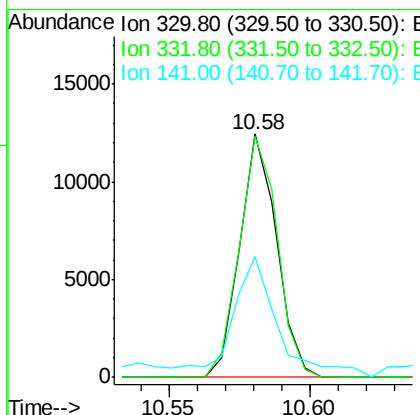
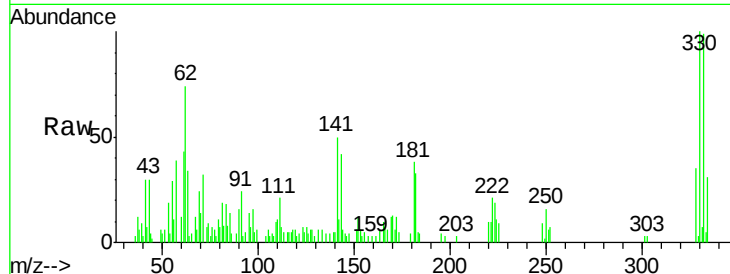
#41
 2,4,6-Tribromophenol
 Concen: 4.70 ng
 RT: 10.58 min Scan# 1478
 Delta R.T. -0.03 min
 Lab File: BF093903.D
 Acq: 24 Mar 2017 12:52

Instrument :
 BNA_F
 ClientSampleId :
 JFC-SOIL-COMP

Tot Ion	Ratio	Lower	Upper
330	100		
332	102.1	76.6	115.0
141	61.8	31.4	47.2

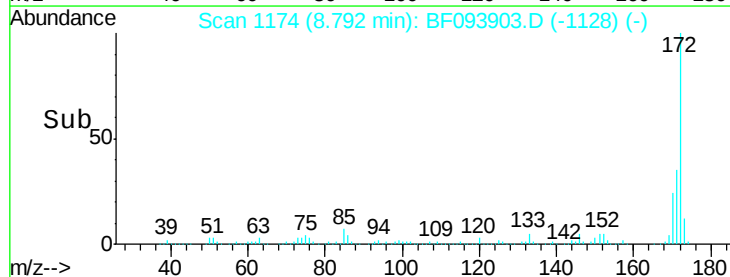
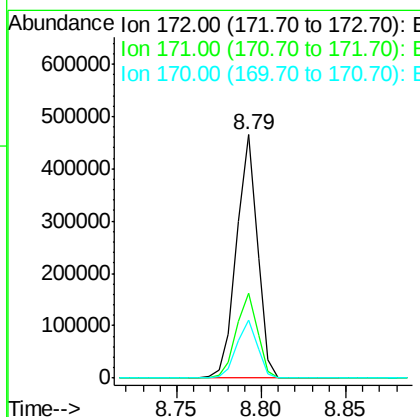
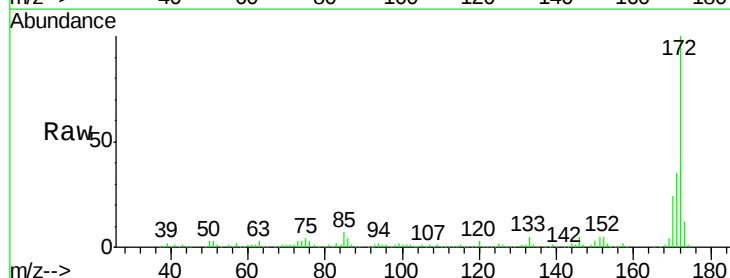
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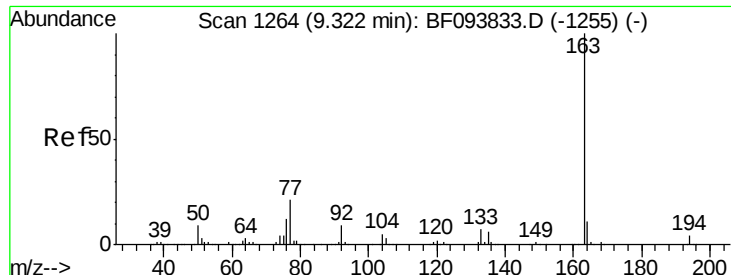
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#44
 2-Fluorobiphenyl
 Concen: 20.11 ng
 RT: 8.79 min Scan# 1174
 Delta R.T. -0.03 min
 Lab File: BF093903.D
 Acq: 24 Mar 2017 12:52

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.8	29.6	44.4
170	23.7	19.8	29.8





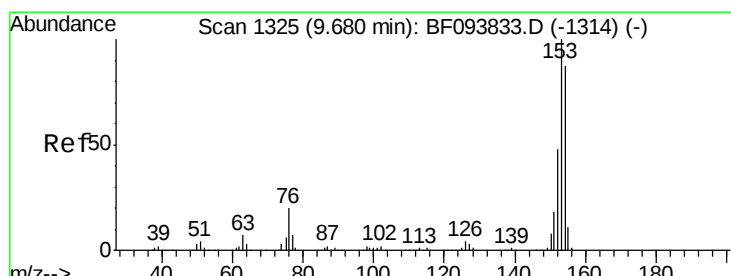
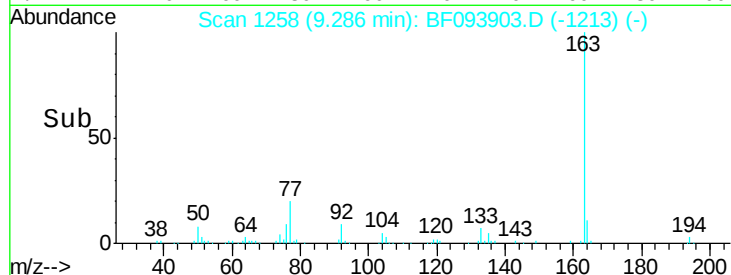
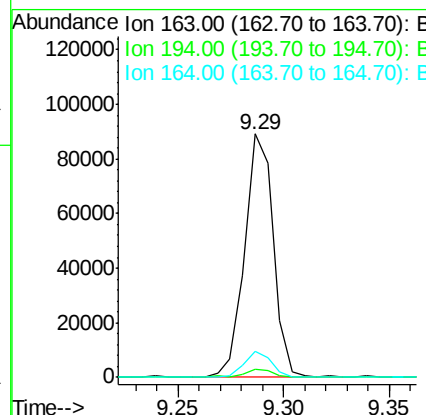
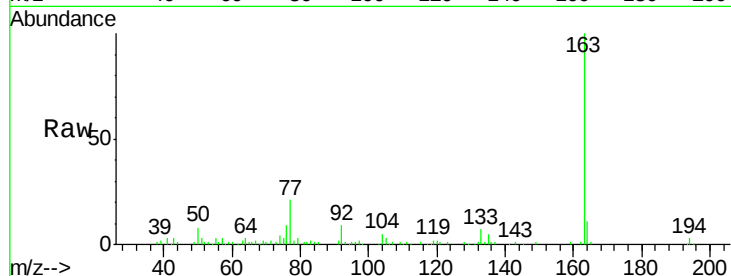
#49
Dimethylphthalate
Concen: 3.88 ng
RT: 9.29 min Scan# 1258
Delta R.T. -0.04 min
Lab File: BF093903.D
Acq: 24 Mar 2017 12:52

Instrument :
BNA_F
ClientSampleId :
JFC-SOIL-COMP

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.6	4.0
164	10.7	8.4	12.6

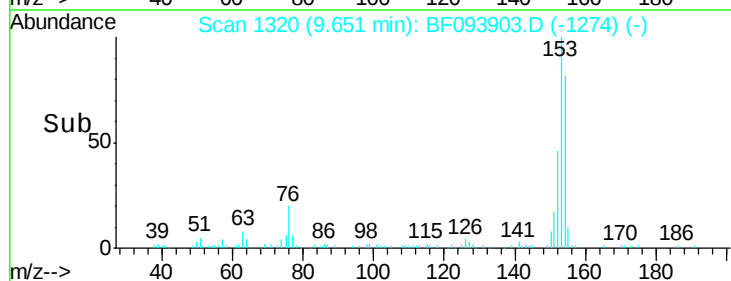
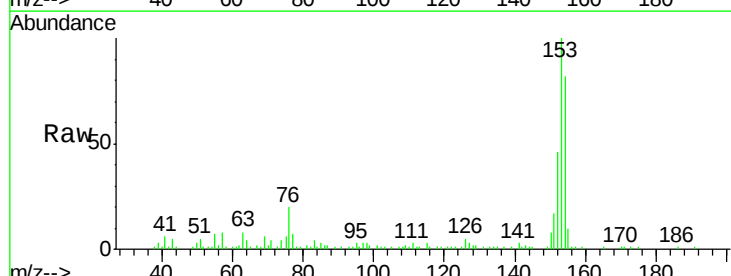
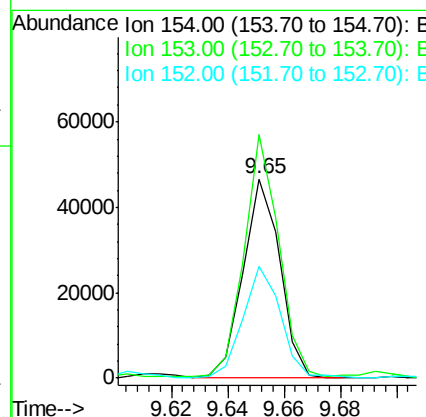
Manual Integrations
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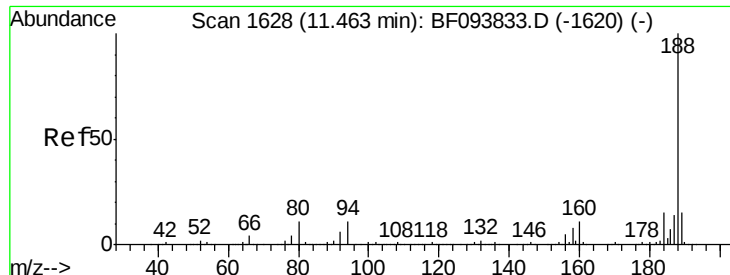
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#51
Acenaphthene
Concen: 2.28 ng
RT: 9.65 min Scan# 1320
Delta R.T. -0.03 min
Lab File: BF093903.D
Acq: 24 Mar 2017 12:52

Tgt Ion	Ratio	Lower	Upper
154	100		
153	122.3	90.5	135.7
152	56.0	43.6	65.4





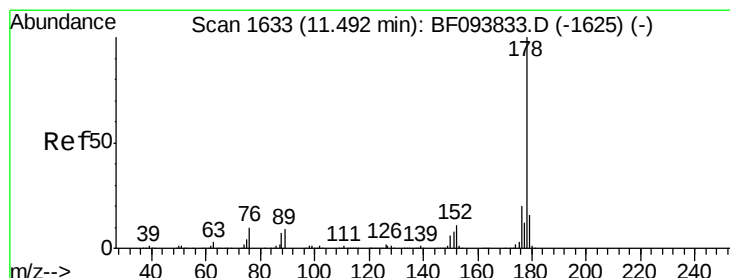
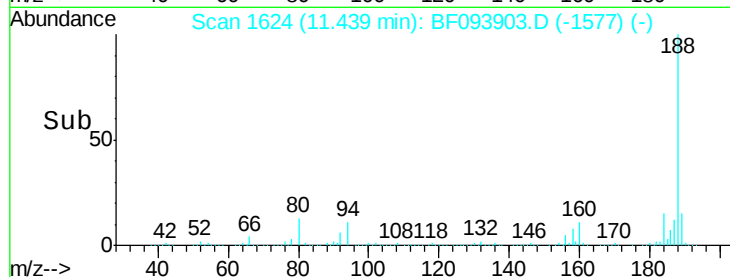
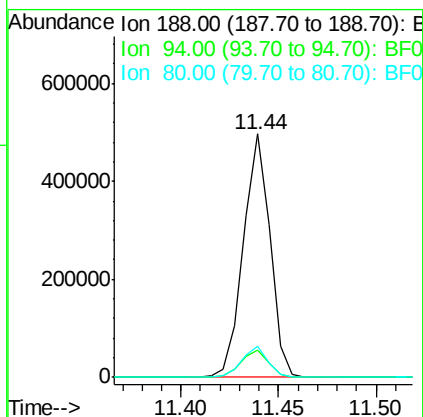
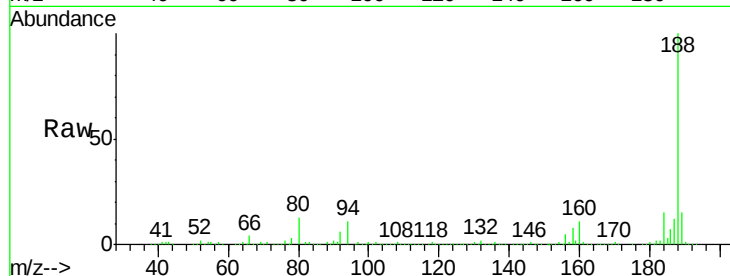
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.44 min Scan# 1624
Delta R.T. -0.02 min
Lab File: BF093903.D
Acq: 24 Mar 2017 12:52

Instrument :
BNA_F
ClientSampleId :
JFC-SOIL-COMP

Tot Ion	Ratio	Resp	Lower	Upper
188	100	470371		
94	11.4		9.4	14.2
80	12.8		10.2	15.2

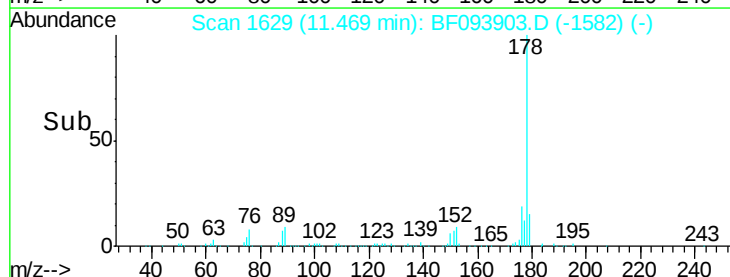
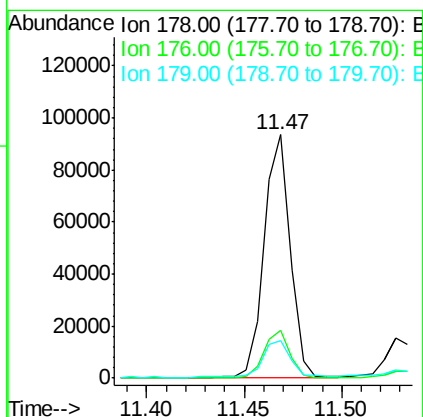
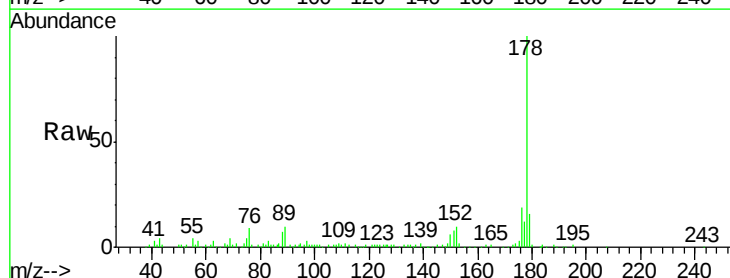
Manual Integrations
APPROVED

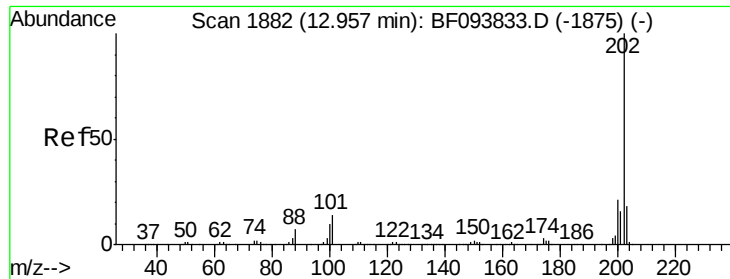
mohammad
3/27/2017 12:55:58 PM



#70
Phenanthrene
Concen: 3.33 ng
RT: 11.47 min Scan# 1629
Delta R.T. -0.02 min
Lab File: BF093903.D
Acq: 24 Mar 2017 12:52

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	87149		
176	19.5		16.2	24.4
179	15.6		12.6	19.0





#74

Fluoranthene

Concen: 2.81 ng

RT: 12.93 min Scan# 1878

Delta R.T. -0.02 min

Lab File: BF093903.D

Acq: 24 Mar 2017 12:52

Instrument :

BNA_F

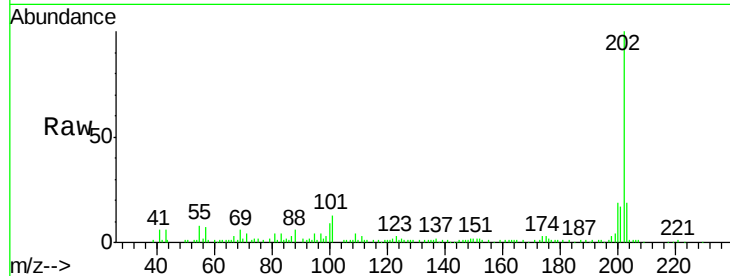
ClientSampleId :

JFC-SOIL-COMP

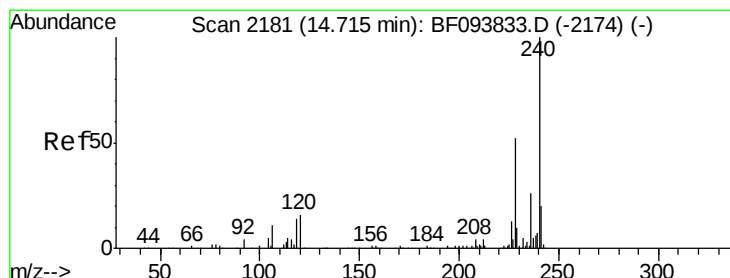
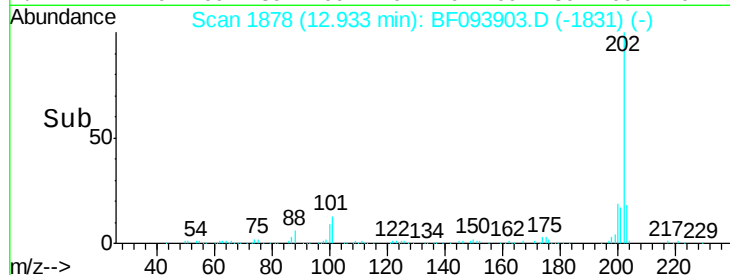
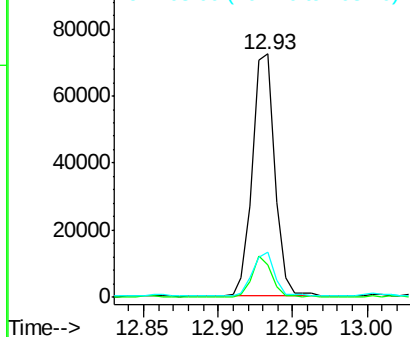
Tot Ion:	202	Resp:	75226
Ion Ratio	Lower	Upper	
202	100		
101	13.1	0.0	33.2
203	18.8	0.0	38.1

Manual Integrations
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

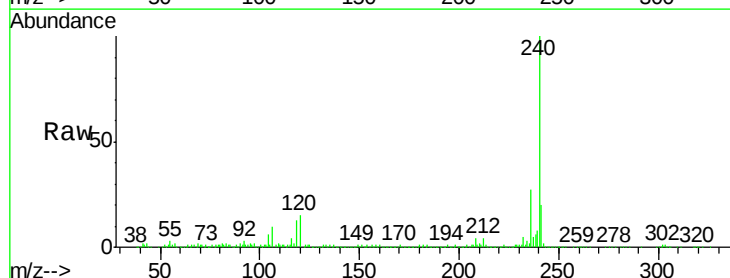
RT: 14.69 min Scan# 2177

Delta R.T. -0.02 min

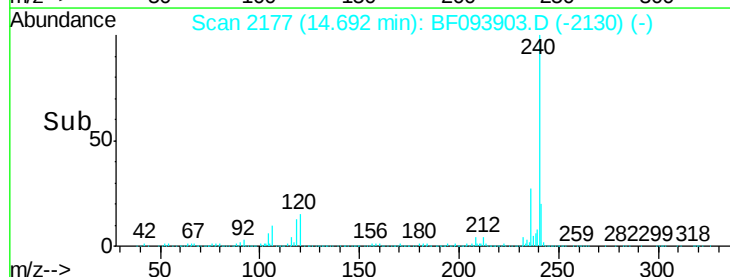
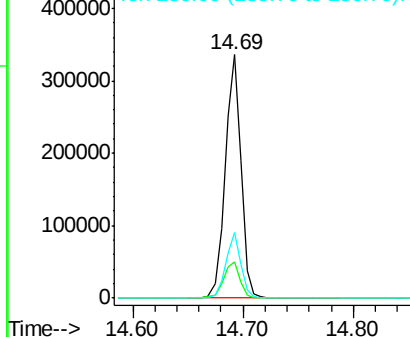
Lab File: BF093903.D

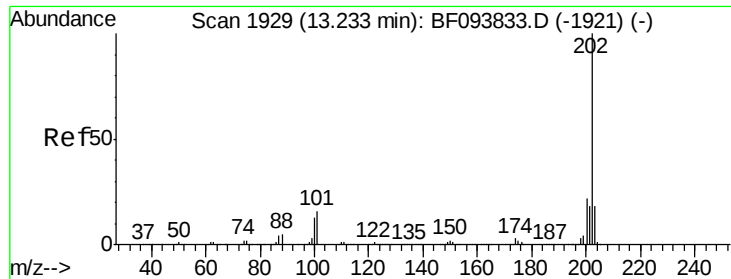
Acq: 24 Mar 2017 12:52

Tgt Ion:	240	Resp:	336654
Ion Ratio	Lower	Upper	
240	100		
120	14.9	5.8	8.8#
236	27.0	20.5	30.7



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





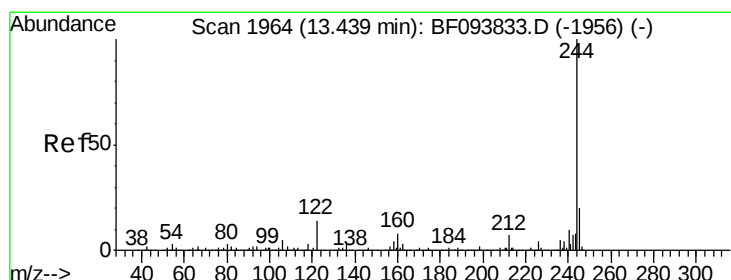
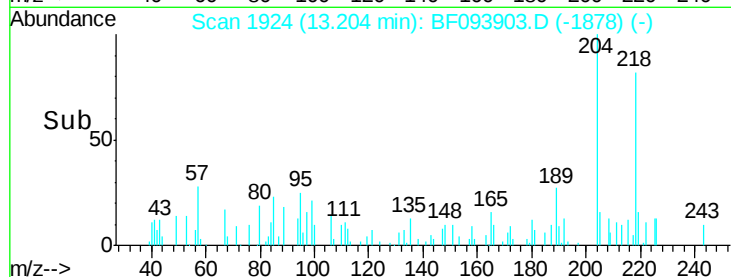
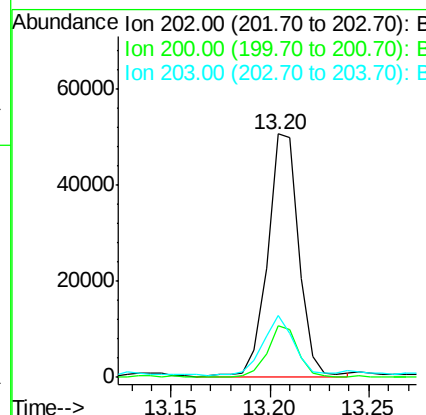
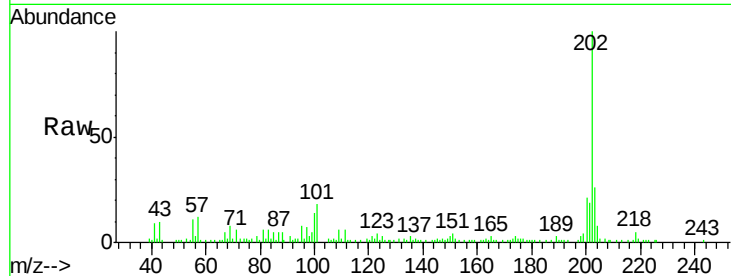
#77
Pvrene
Concen: 2.29 ng/mL
RT: 13.20 min Scan# 1924
Delta R.T. -0.03 min
Lab File: BF093903.D
Acq: 24 Mar 2017 12:52

Instrument :
BNA_F
ClientSampleId :
JFC-SOIL-COMP

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.6	26.4
203	25.6	14.4	21.6

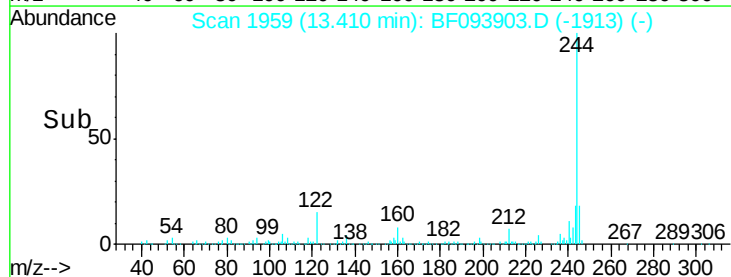
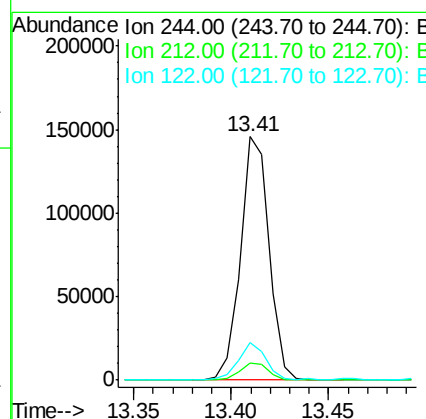
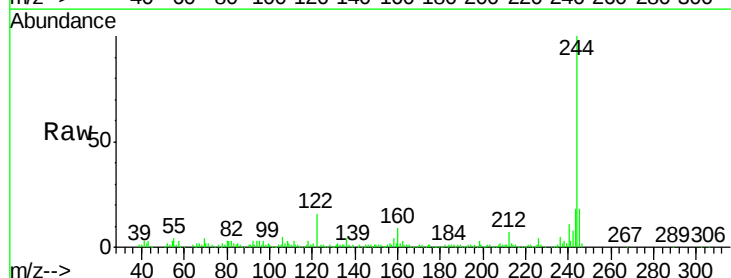
Manual Integrations
APPROVED

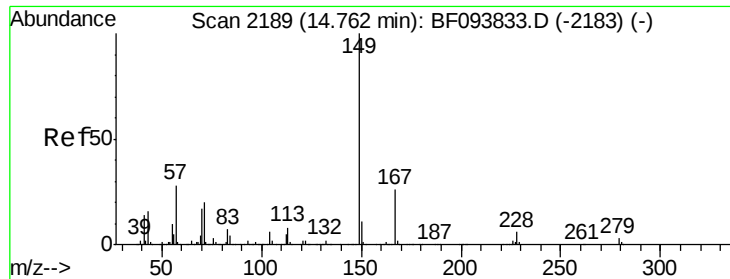
mohammad
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#78
Terphenyl-d14
Concen: 9.81 ng
RT: 13.41 min Scan# 1959
Delta R.T. -0.03 min
Lab File: BF093903.D
Acq: 24 Mar 2017 12:52

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.0	9.0
122	15.6	10.3	15.5





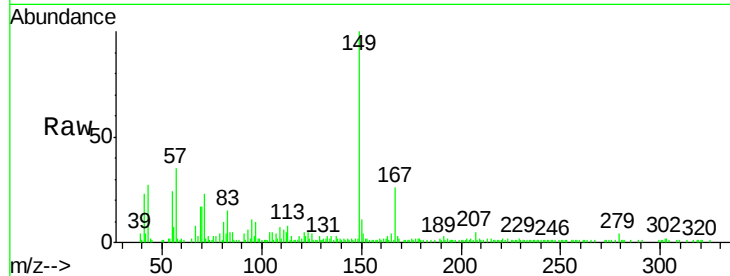
#83
Bis(2-ethylhexyl)phthalate
Concen: 4.11 ng
RT: 14.74 min Scan# 2186
Delta R.T. -0.02 min
Lab File: BF093903.D
Acq: 24 Mar 2017 12:52

Instrument :
BNA_F
ClientSampleId :
JFC-SOIL-COMP

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.4	21.0	31.4
279	3.8	1.9	2.9

Manual Integrations
APPROVED

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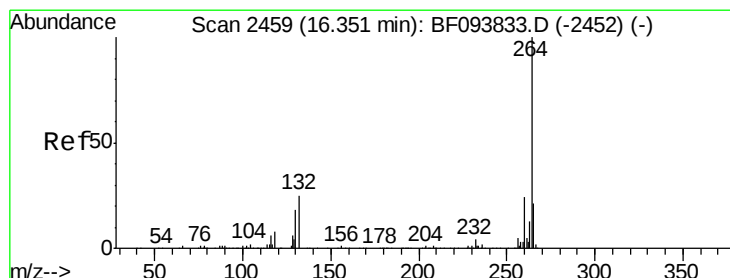
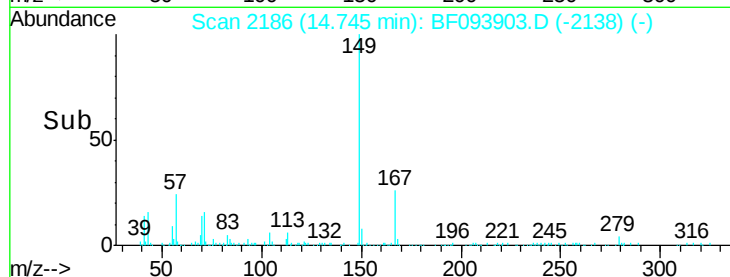
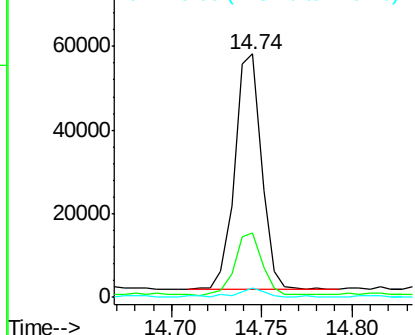


Abundance

Ion 149.00 (148.70 to 149.70): E

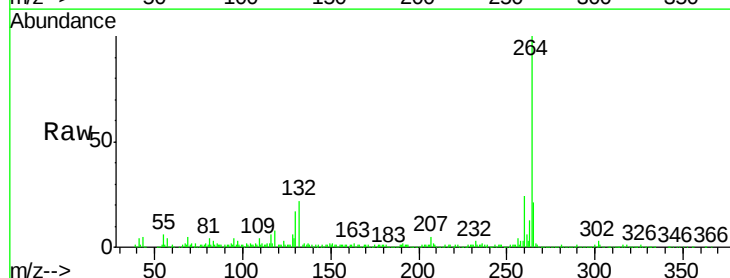
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#86
Perylene-d12
Concen: 20.00 ng
RT: 16.33 min Scan# 2456
Delta R.T. -0.02 min
Lab File: BF093903.D
Acq: 24 Mar 2017 12:52

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.5	29.3
265	20.8	17.2	25.8



Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

