

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031319\
 Data File : BF113040.D
 Acq On : 13 Mar 2019 20:47
 Operator : JU/SJ
 Sample : K1864-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FLOOR

Manual Integrations
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Sohil

3/14/2019 10:50:05 AM

Quant Time: Mar 14 02:28:46 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 13 03:42:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	175414	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	652916	20.00	ng	-0.01
39) Acenaphthene-d10	9.76	164	297426	20.00	ng	-0.01
64) Phenanthrene-d10	11.24	188	461261	20.00	ng	0.00
76) Chrysene-d12	13.91	240	188802	20.00	ng	0.04
87) Perylene-d12	15.34	264	200738	20.00	ng	0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	865059	76.71	ng	0.00
7) Phenol-d6	6.37	99	1262818	89.15	ng	0.00
23) Nitrobenzene-d5	7.29	82	746595	68.42	ng	-0.01
42) 2,4,6-Tribromophenol	10.55	330	335102	106.13	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	1390392	75.11	ng	-0.01
79) Terphenyl-d14	12.85	244	794530	81.58	ng	0.02
Target Compounds						
22) Acetophenone	7.13	105	77797	5.096	ng	Qvalue # 84
32) Benzoic acid	7.77	122	19823	3.007	ng	92
37) 2-Methylnaphthalene	8.72	142	61076	2.918	ng	99
38) 1-Methylnaphthalene	8.82	142	50603	2.495	ng	99
50) Dimethylphthalate	9.47	163	103947	4.740	ng	# 97
71) Phenanthrene	11.26	178	346362	15.092	ng	# 96
74) Di-n-butylphthalate	11.82	149	539307	19.193	ng	98
75) Fluoranthene	12.47	202	56151m	2.284	ng	
78) Pyrene	12.70	202	102615	6.447	ng	# 87
80) Butylbenzylphthalate	13.32	149	127612	18.164	ng	# 80
84) Bis(2-ethylhexyl)phthalate	13.89	149	490593	59.533	ng	# 96

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

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Acq On : 13 Mar 2019 20:47
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Misc :
ALS Vial : 10 Sample Multiplier: 1

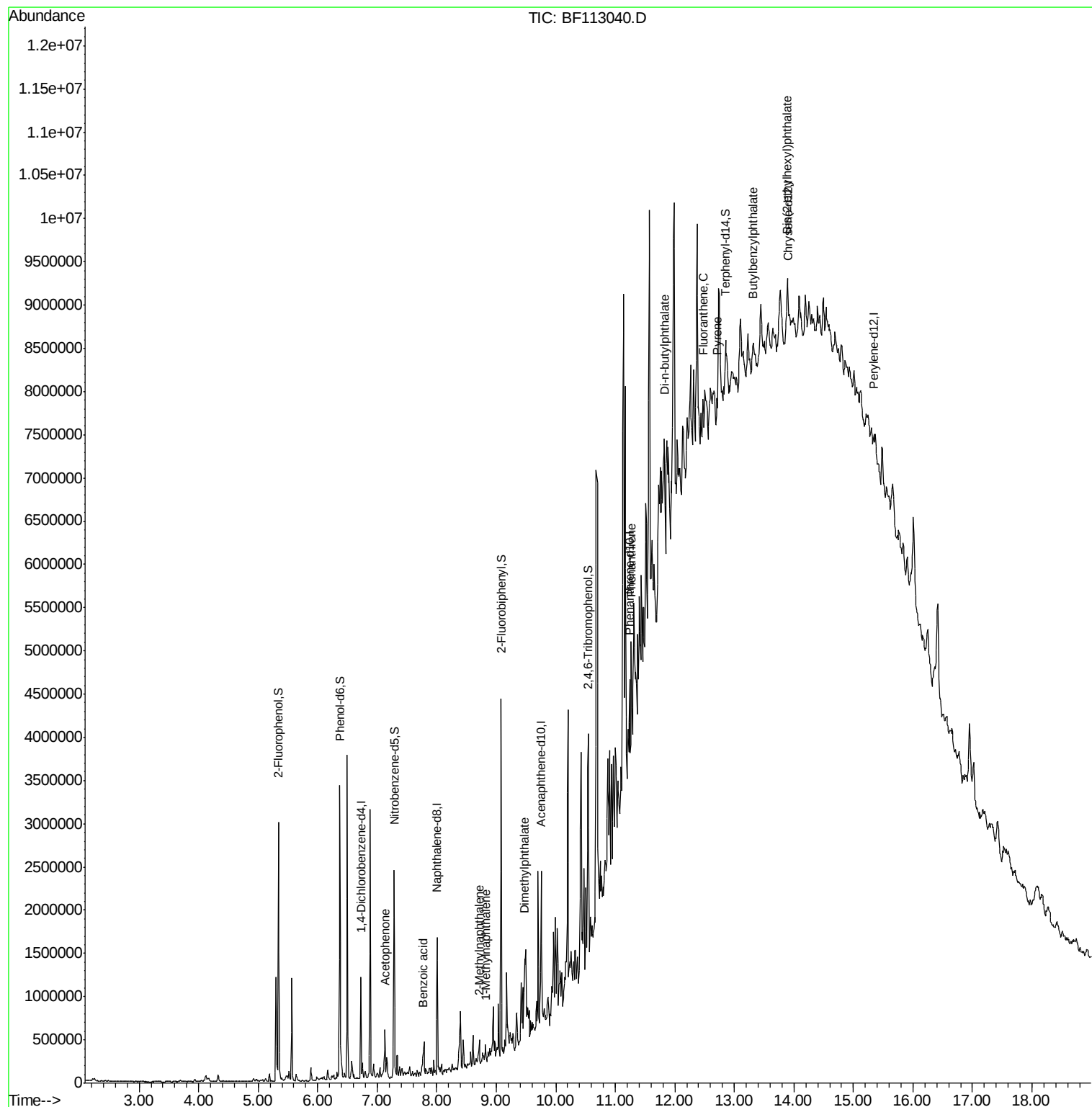
Instrument :
BNA_F
ClientSampleId :
FLOOR

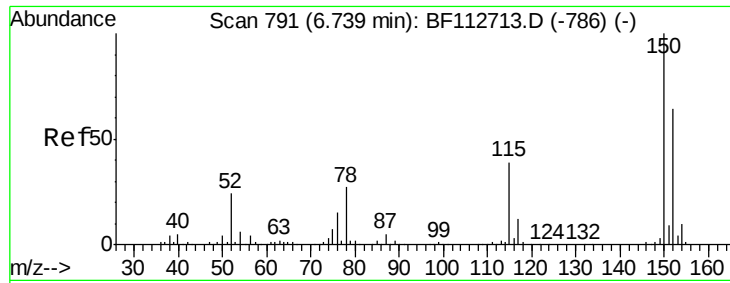
Quant Time: Mar 14 02:28:46 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF113040.D
Acq: 13 Mar 2019 20:47

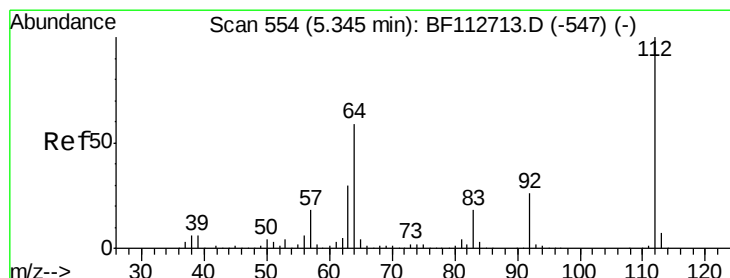
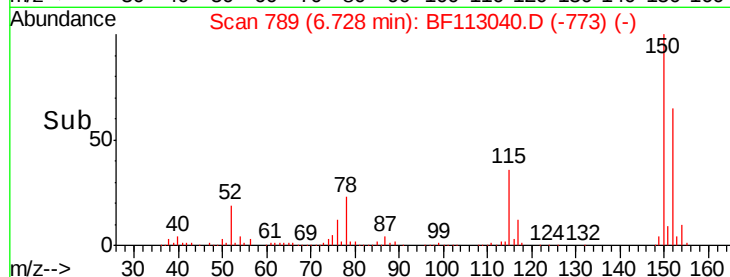
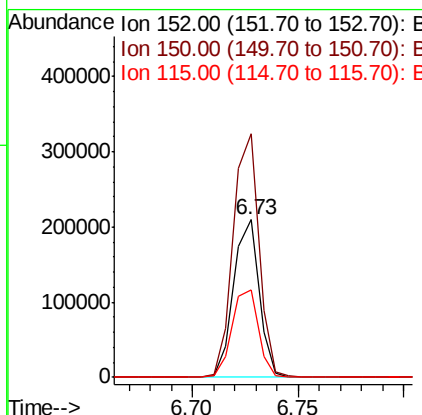
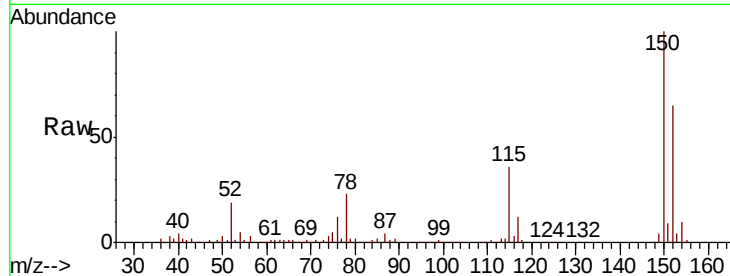
Instrument :
BNA_F
ClientSampled :
FLOOR

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.6	124.2	186.2
115	55.2	48.2	72.4

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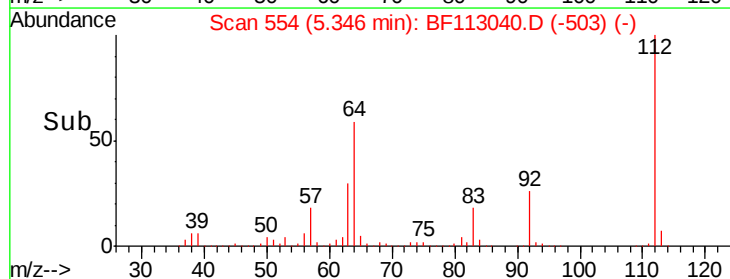
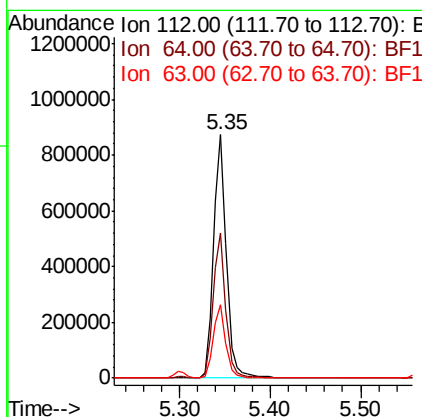
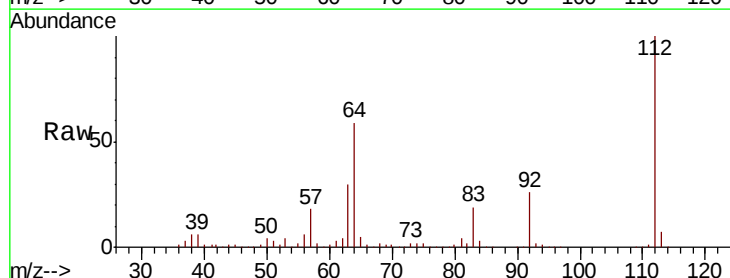
3/14/2019 10:50:05 AM

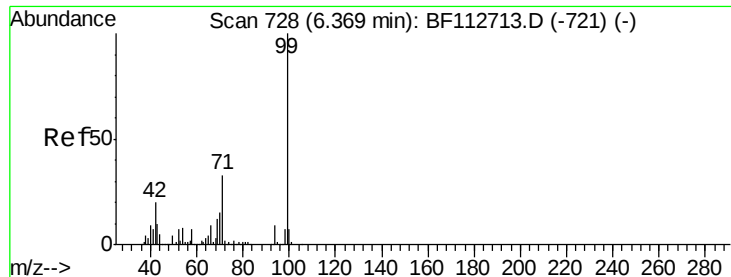


#5

2-Fluorophenol
Concen: 76.712 ng
RT: 5.35 min Scan# 554
Delta R.T. -0.00 min
Lab File: BF113040.D
Acq: 13 Mar 2019 20:47

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.4	47.6	71.4
63	30.3	24.4	36.6





#7

Phenol-d6

Concen: 89.148 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.00 min

Lab File: BF113040.D

Acq: 13 Mar 2019 20:47

Instrument :

BNA_F

ClientSampleId :

FLOOR

Tot Ion: 99 Resp: 1262818

Ion Ratio Lower Upper

99 100

42 18.6 16.3 24.5

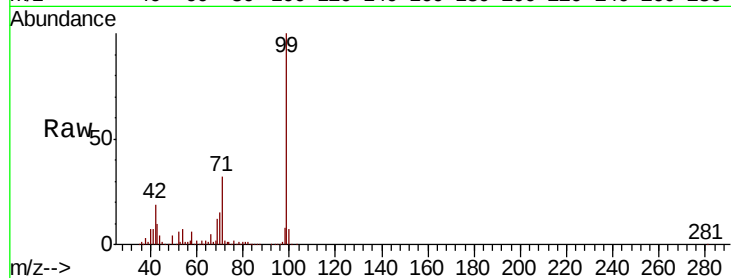
71 31.9 26.2 39.4

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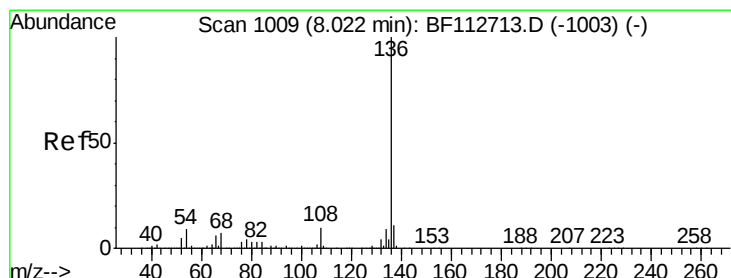
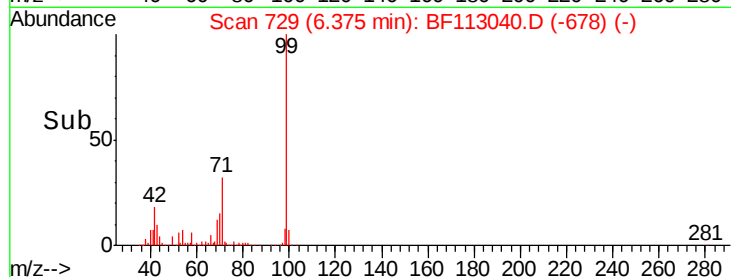
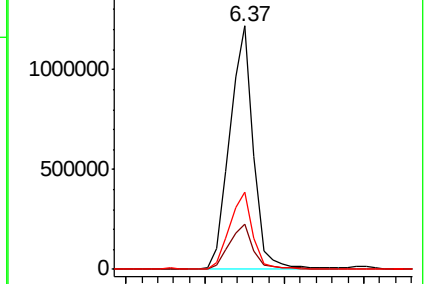
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BF113040.D

Acq: 13 Mar 2019 20:47

Tgt Ion: 136 Resp: 652916

Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 8.8 7.3 10.9

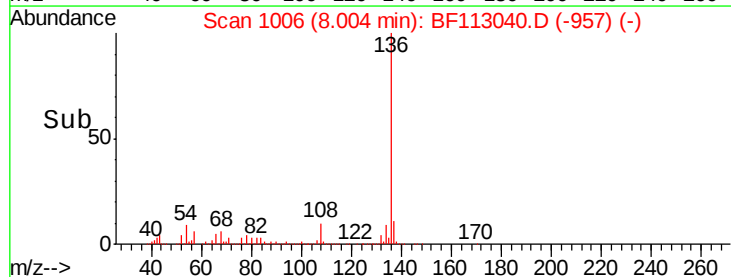
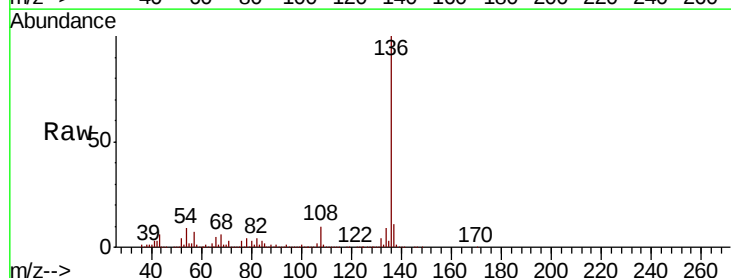
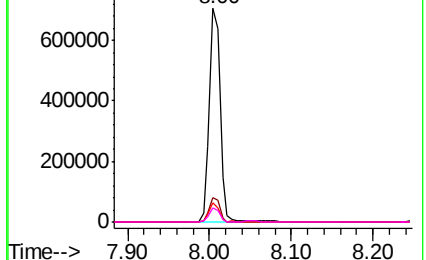
68 6.4 5.4 8.2

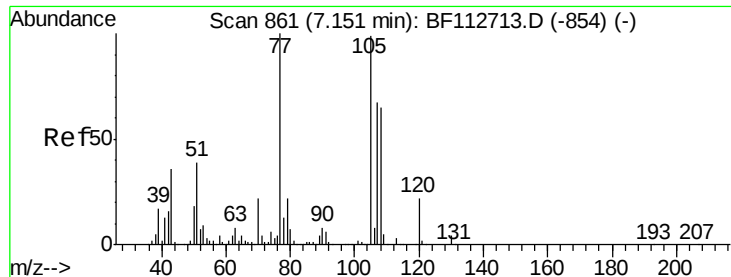
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1





#22

Acetophenone

Concen: 5.096 ng

RT: 7.13 min Scan# 857

Delta R.T. -0.02 min

Lab File: BF113040.D

Acq: 13 Mar 2019 20:47

Instrument :

BNA_F

ClientSampled :

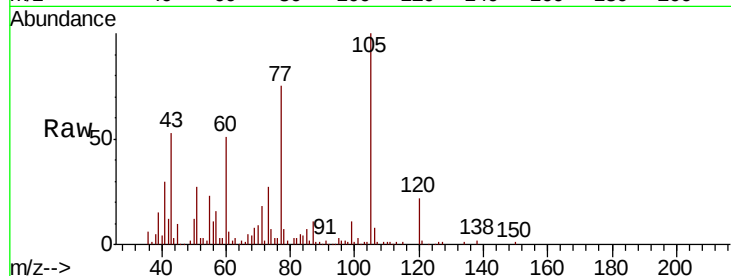
FLOOR

Tot Ion:	105	Resp:	77797
Ion Ratio	Lower	Upper	
105	100		
71	18.3	3.0	4.4#
51	26.6	31.5	47.3#
120	21.9	18.1	27.1

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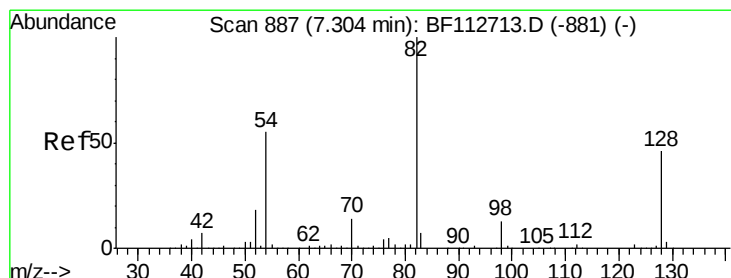
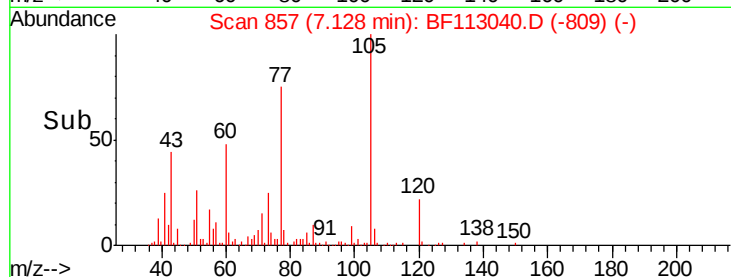
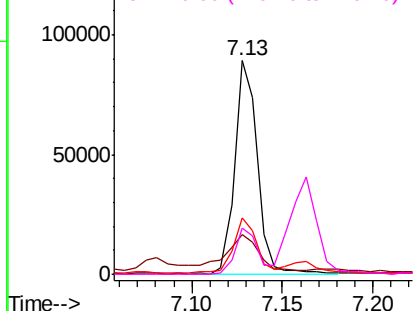


Abundance Ion 105.00 (104.70 to 105.70): E

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: 68.423 ng

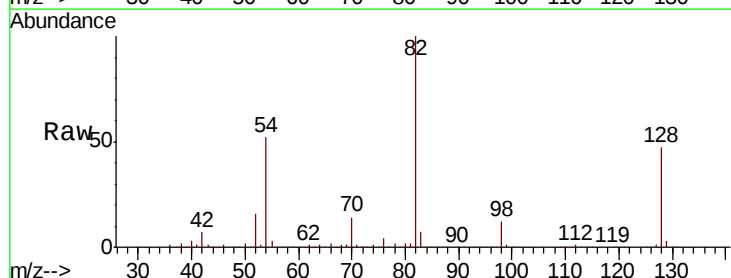
RT: 7.29 min Scan# 884

Delta R.T. -0.01 min

Lab File: BF113040.D

Acq: 13 Mar 2019 20:47

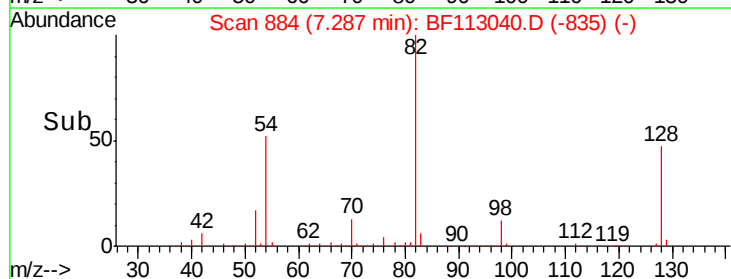
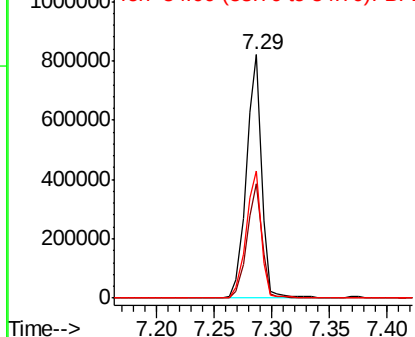
Tgt Ion:	82	Resp:	746595
Ion Ratio	Lower	Upper	
82	100		
128	47.0	36.3	54.5
54	52.0	43.7	65.5

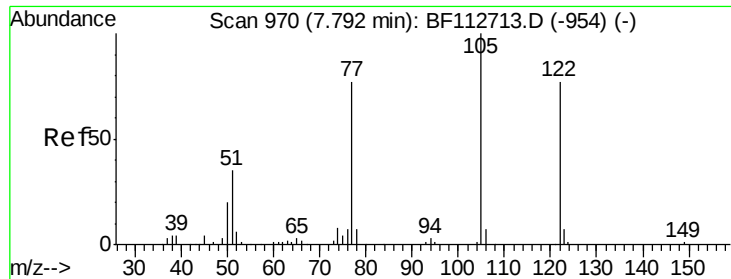


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#32
Benzoic acid
Concen: 3.007 ng
RT: 7.77 min Scan# 966
Delta R.T. -0.04 min
Lab File: BF113040.D
Acq: 13 Mar 2019 20:47

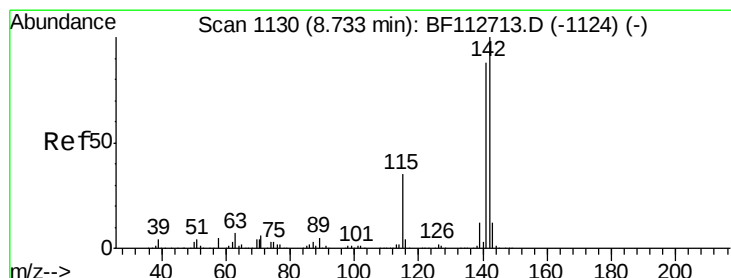
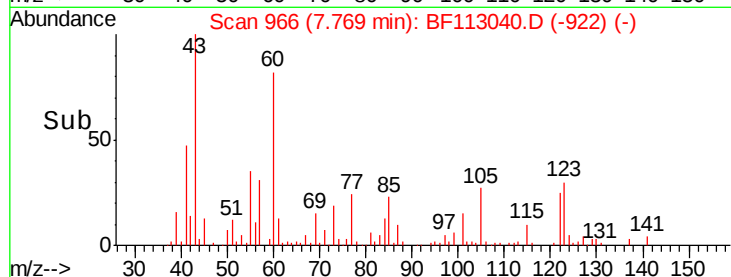
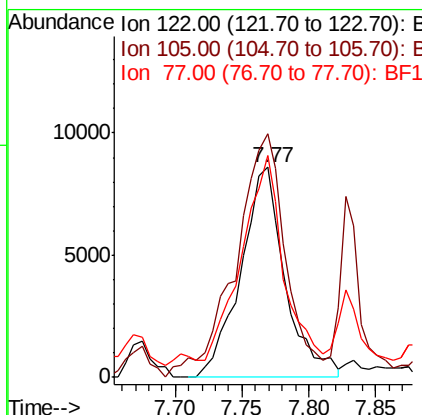
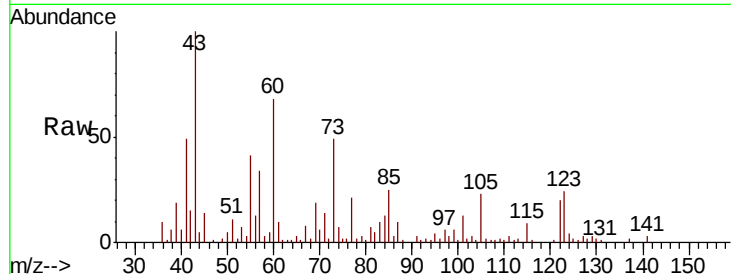
Instrument :
BNA_F
ClientSampled :
FLOOR

Tot Ion:	122	Resp:	19823
Ion Ratio	Lower	Upper	
122	100		
105	115.8	106.8	146.8
77	105.6	79.4	119.4

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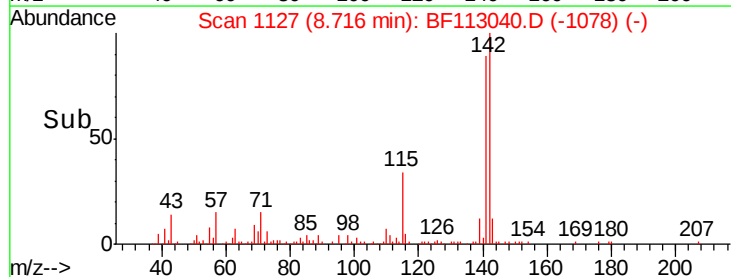
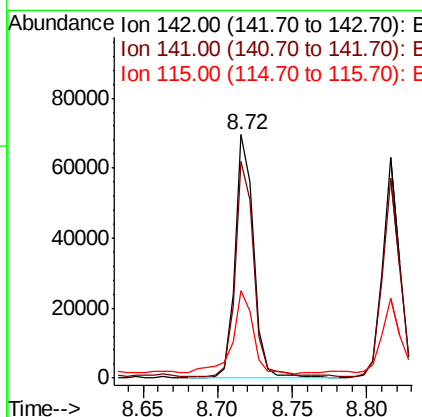
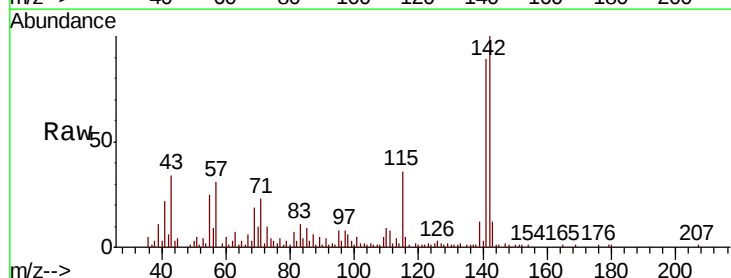
Sohil

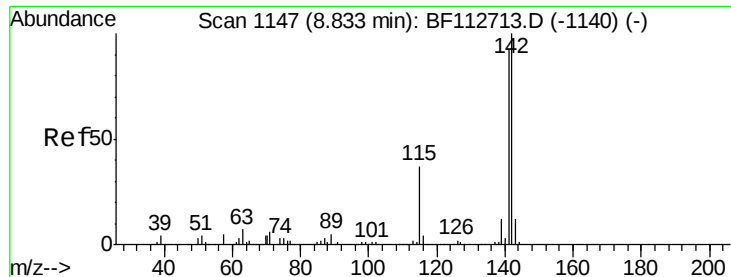
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#37
2-Methylnaphthalene
Concen: 2.918 ng
RT: 8.72 min Scan# 1127
Delta R.T. -0.01 min
Lab File: BF113040.D
Acq: 13 Mar 2019 20:47

Tgt Ion:	142	Resp:	61076
Ion Ratio	Lower	Upper	
142	100		
141	89.0	70.3	105.5
115	36.0	27.8	41.6





#38
1-Methylnaphthalene
Concen: 2.495 ng
RT: 8.82 min Scan# 1144
Delta R.T. -0.01 min
Lab File: BF113040.D
Acq: 13 Mar 2019 20:47

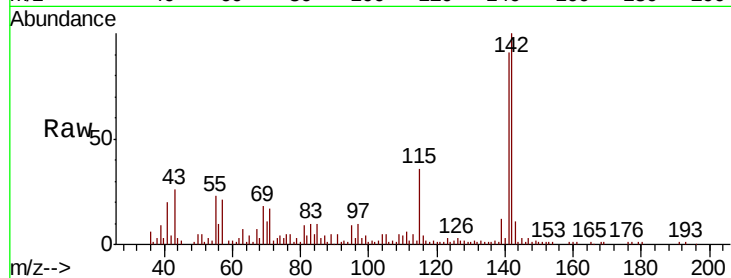
Instrument :
BNA_F
ClientSampleId :
FLOOR

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.2	73.7	110.5
116	4.3	3.1	4.7

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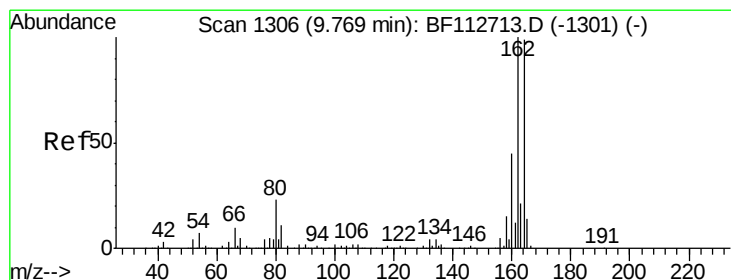
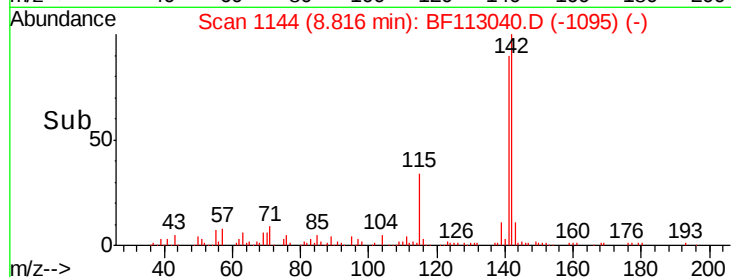
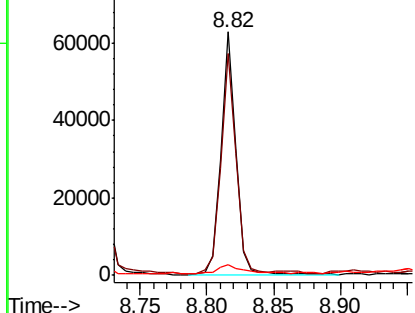


Abundance

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: 9.76 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF113040.D
Acq: 13 Mar 2019 20:47

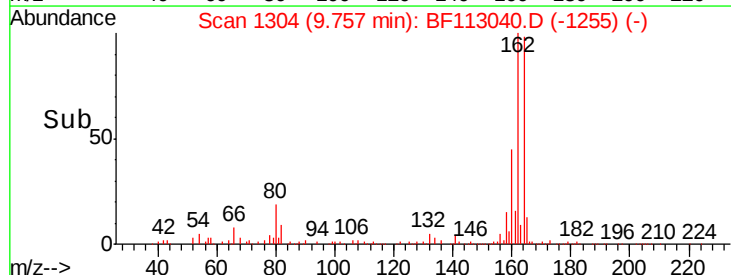
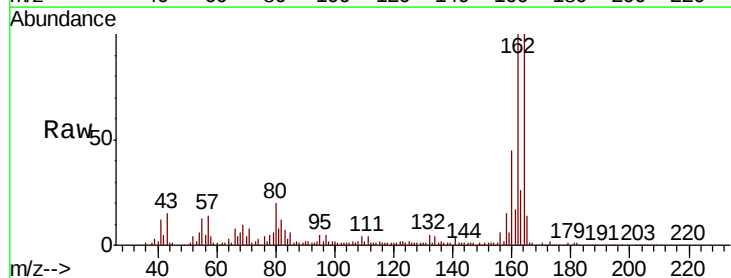
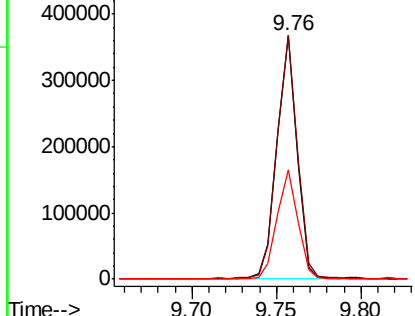
Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.0	80.6	120.8
160	44.8	36.0	54.0

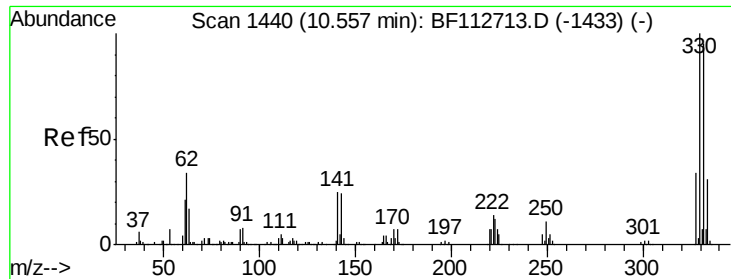
Abundance

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: 106.127 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF113040.D
 Acq: 13 Mar 2019 20:47

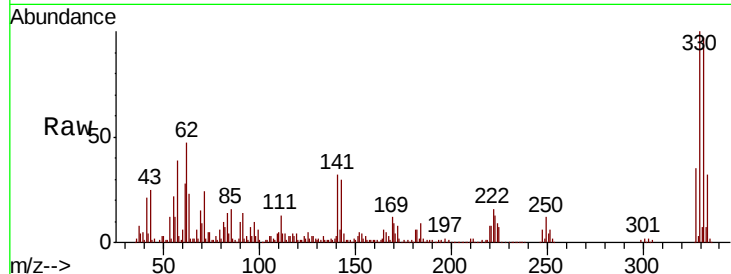
Instrument :
 BNA_F
 ClientSampled :
 FLOOR

Tot Ion	Ratio	Resp	Lower	Upper
330	100	335102		
332	96.2	76.2	114.4	
141	28.8	27.0	40.6	

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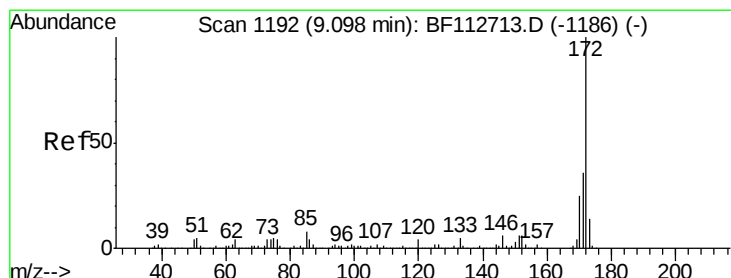
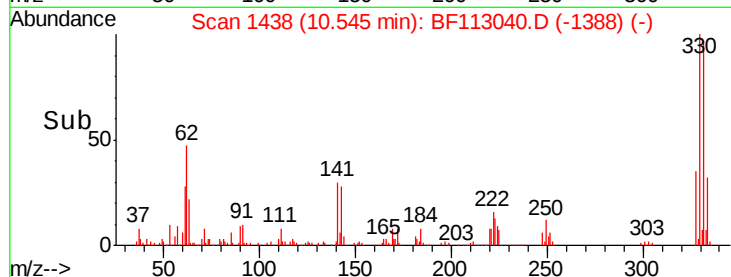
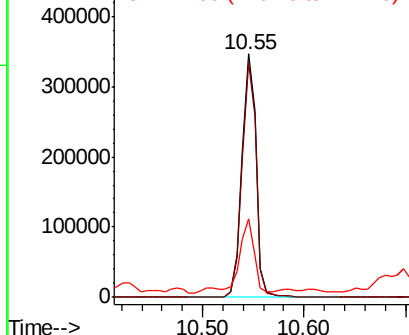


Abundance

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: 75.110 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF113040.D
 Acq: 13 Mar 2019 20:47

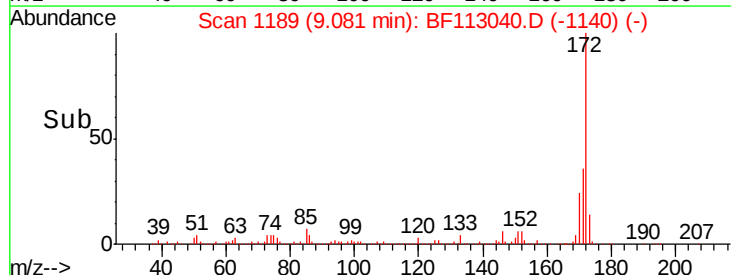
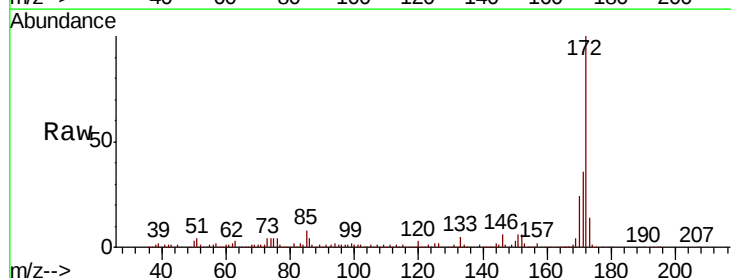
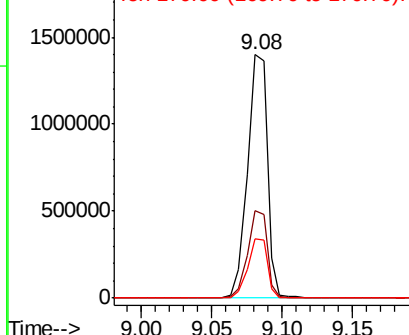
Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1390392		
171	35.9	29.0	43.4	
170	24.4	20.0	30.0	

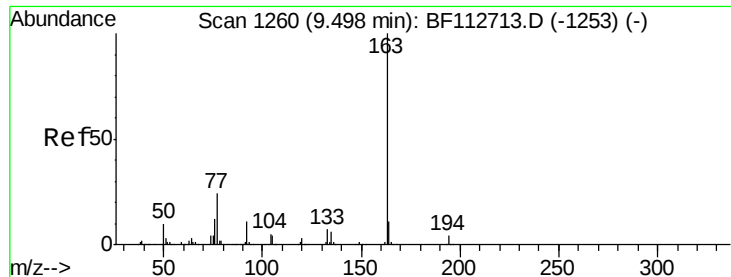
Abundance

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





#50
Dimethylphthalate
Concen: 4.740 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.02 min
Lab File: BF113040.D
Acq: 13 Mar 2019 20:47

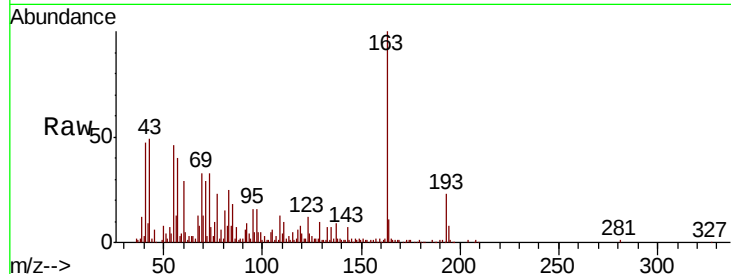
Instrument :
BNA_F
ClientSampled :
FLOOR

Tot Ion	Ratio	Resp	Lower	Upper
163	100	103947		
194	7.6	3.0	4.4#	
164	10.6	8.4	12.6	

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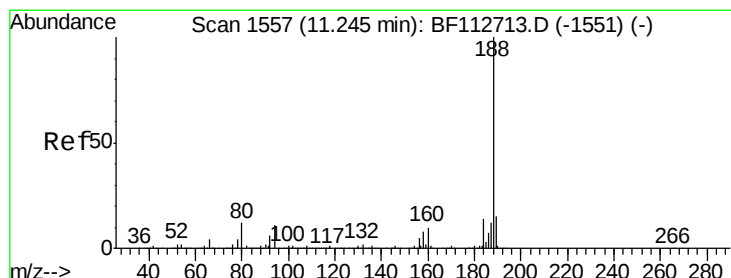
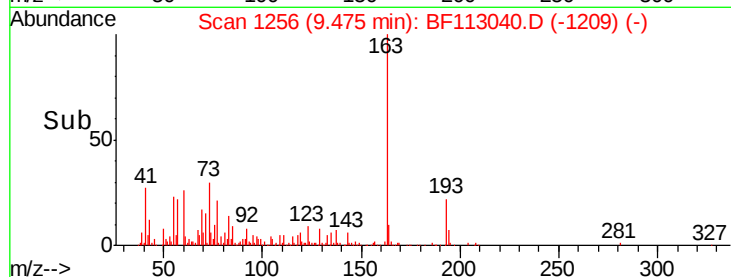
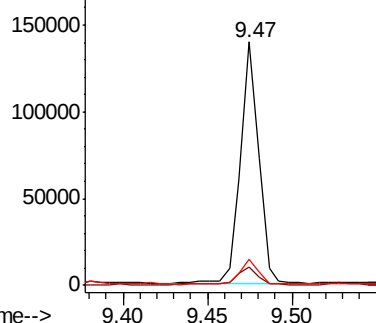


Abundance

Ion 163.00 (162.70 to 163.70): E

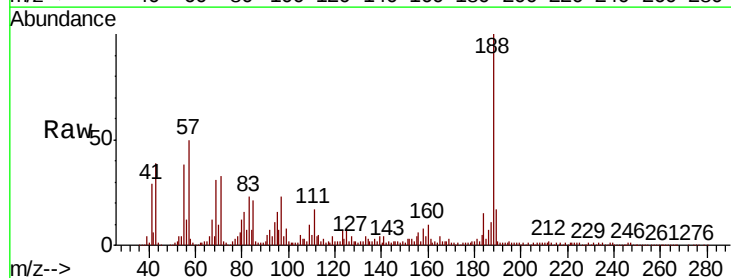
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF113040.D
Acq: 13 Mar 2019 20:47

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	461261		
94	11.2	9.0	13.4	
80	11.6	9.2	13.8	

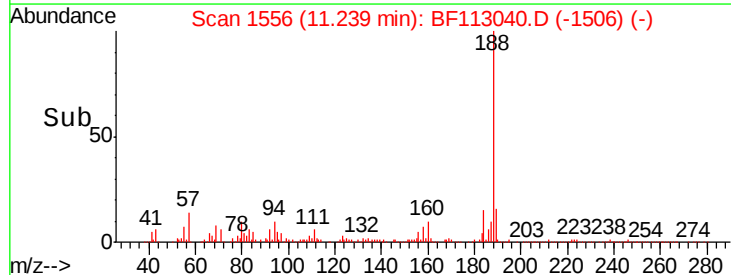
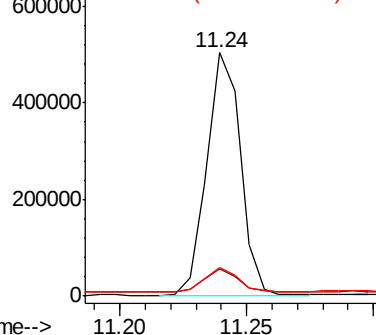


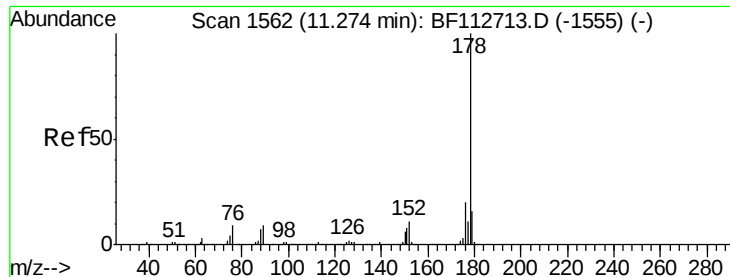
Abundance

Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#71

Phenanthrene

Concen: 15.092 ng

RT: 11.26 min Scan# 1560

Delta R.T. -0.01 min

Lab File: BF113040.D

Acq: 13 Mar 2019 20:47

Instrument :

BNA_F

ClientSampled :

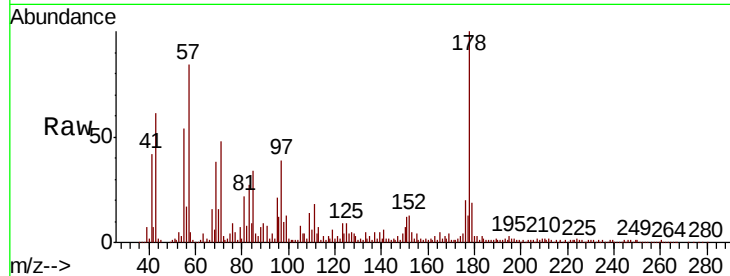
FLOOR

Tot Ion:	178	Resp:	346362
Ion Ratio	Lower	Upper	
178	100		
176	19.6	16.3	24.5
179	19.1	12.7	19.1#

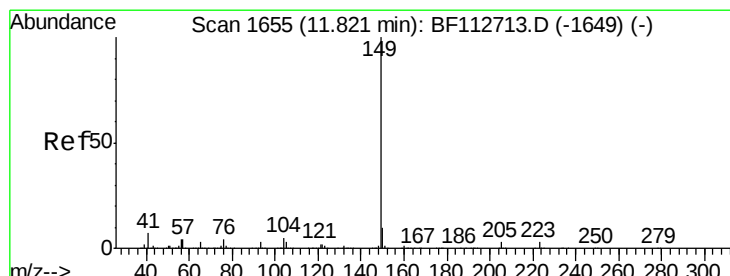
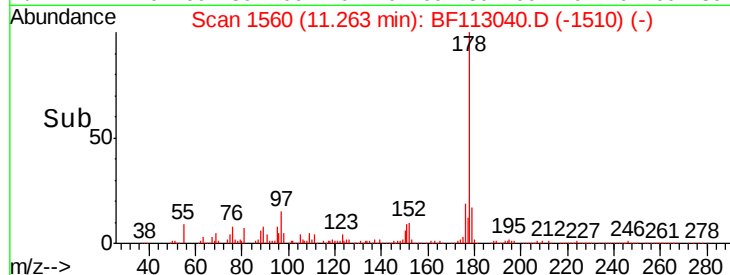
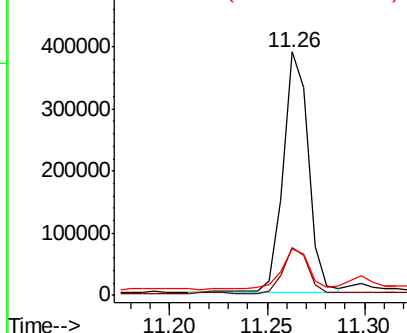
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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#74

Di-n-butylphthalate

Concen: 19.193 ng

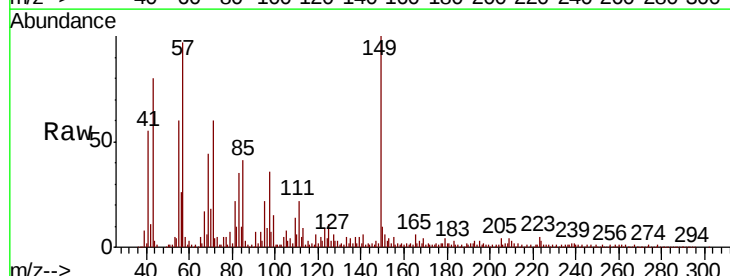
RT: 11.82 min Scan# 1655

Delta R.T. 0.01 min

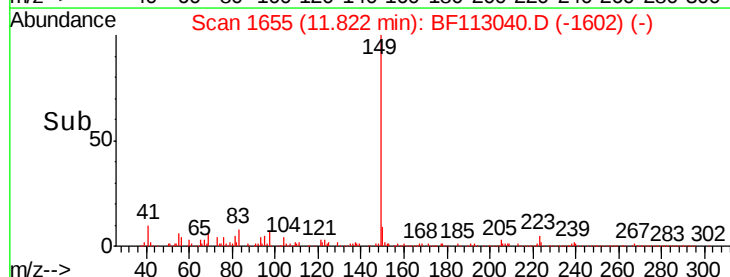
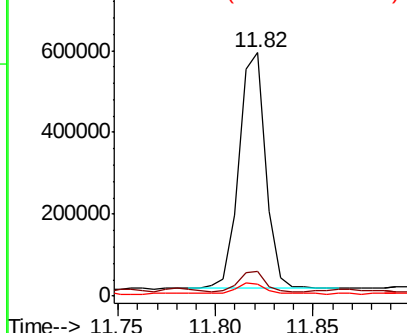
Lab File: BF113040.D

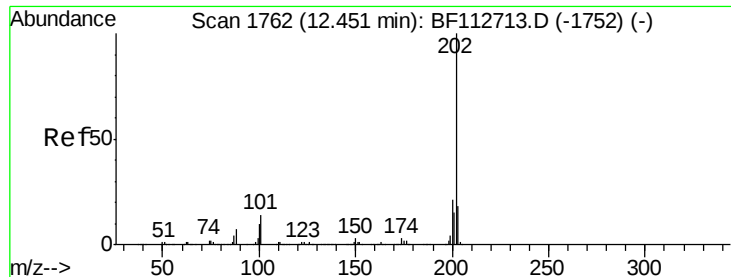
Acq: 13 Mar 2019 20:47

Tgt Ion:	149	Resp:	539307
Ion Ratio	Lower	Upper	
149	100		
150	10.1	7.6	11.4
104	5.1	3.7	5.5



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 2.284 ng/mL

RT: 12.47 min Scan# 1766

Delta R.T. 0.02 min

Lab File: BF113040.D

Acq: 13 Mar 2019 20:47

Instrument :

BNA_F

ClientSampled :

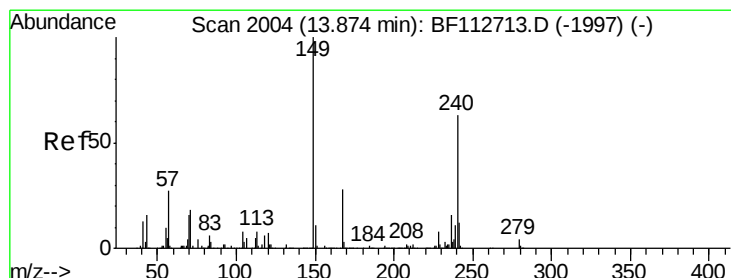
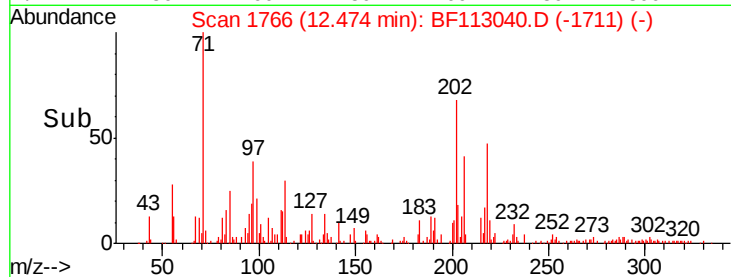
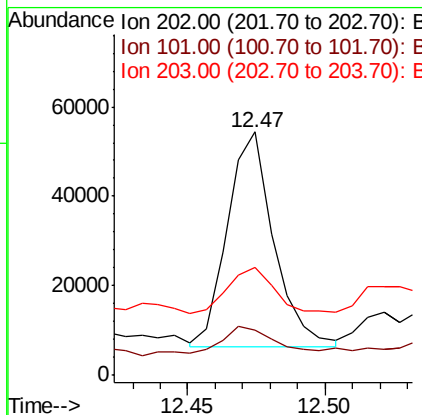
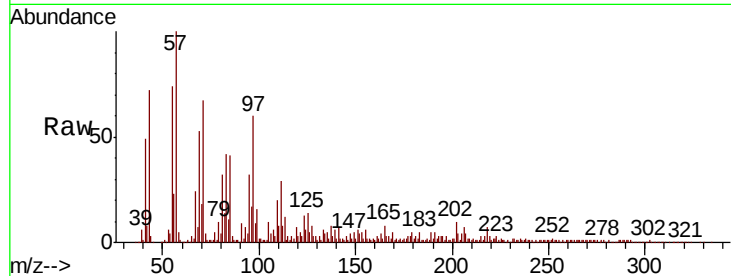
FLOOR

Tot Ion	Ratio	Resp	Lower	Upper
202	100	56151		
101	18.8	0.0	33.8	
203	44.1	0.0	38.4	

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#76

Chrysene-d12

Concen: 20.000 ng/mL

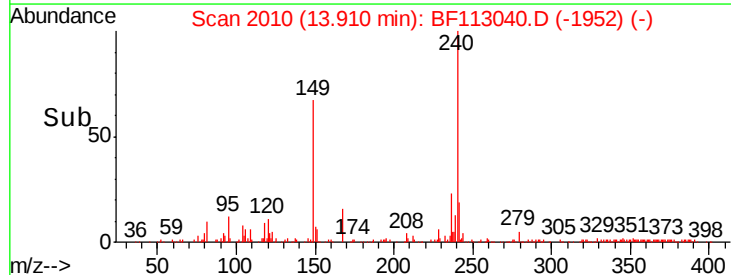
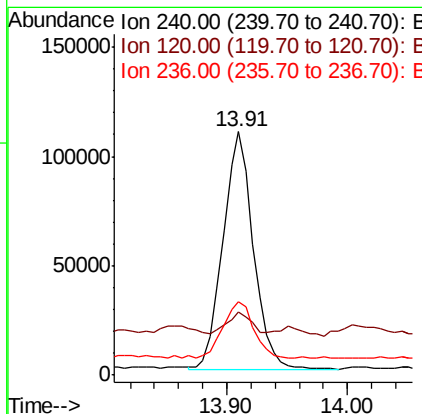
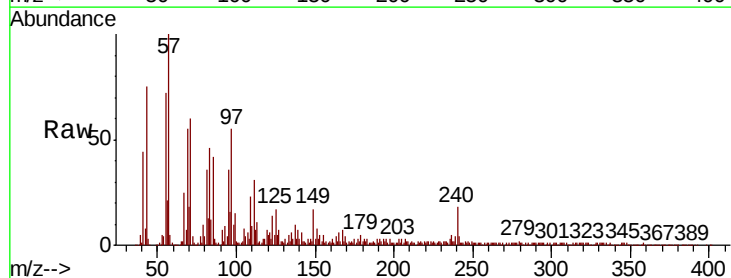
RT: 13.91 min Scan# 2010

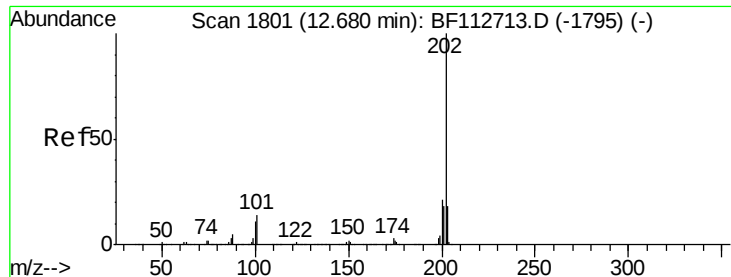
Delta R.T. 0.04 min

Lab File: BF113040.D

Acq: 13 Mar 2019 20:47

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	188802		
120	25.7	8.9	13.3	
236	30.0	20.7	31.1	





#78
Pvrene
Concen: 6.447 ng
RT: 12.70 min Scan# 1804
Delta R.T. 0.02 min
Lab File: BF113040.D
Acq: 13 Mar 2019 20:47

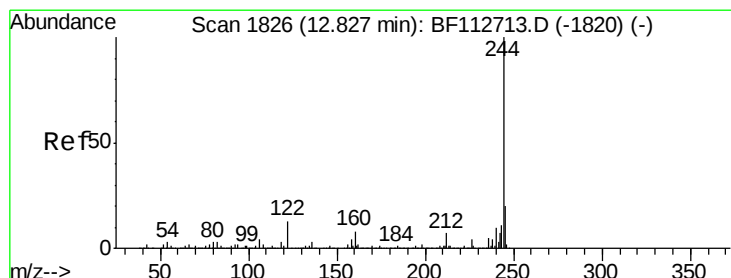
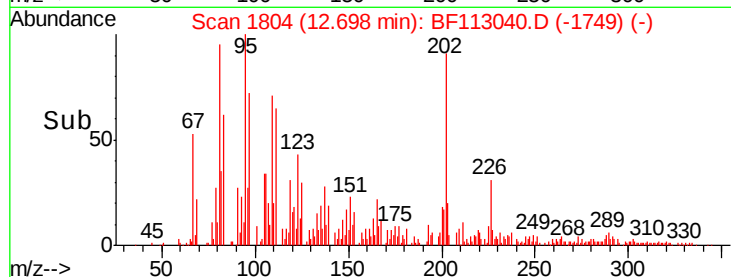
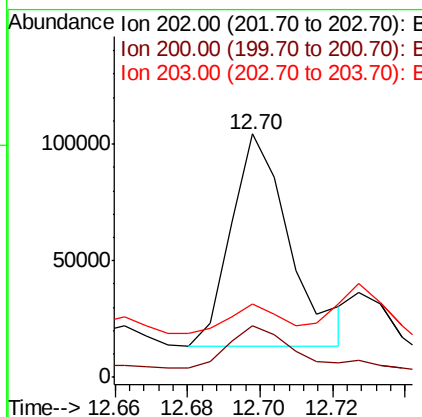
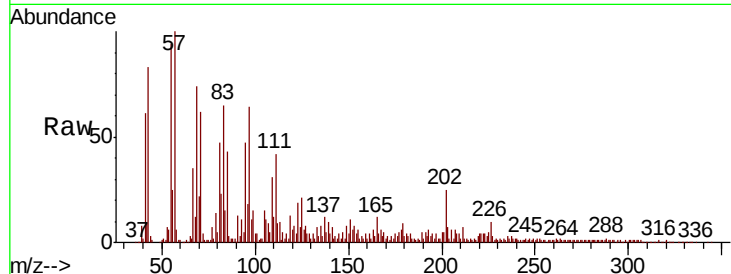
Instrument :
BNA_F
ClientSampled :
FLOOR

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.0	25.4
203	30.1	14.4	21.6

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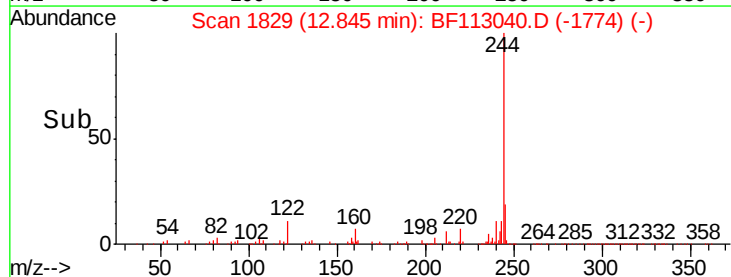
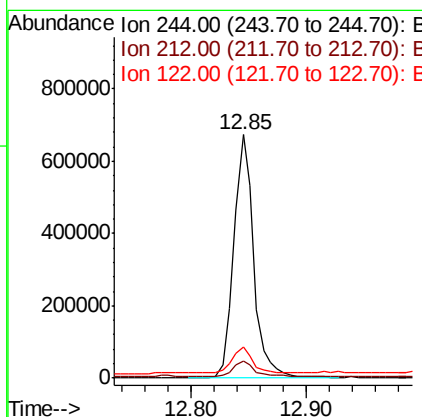
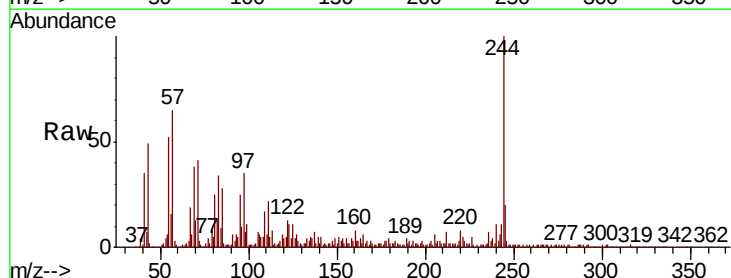
Sohil

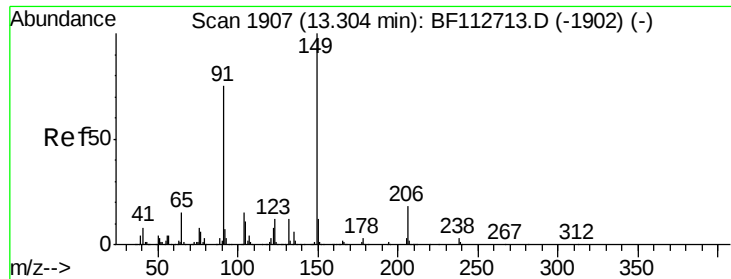
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#79
Terphenyl-d14
Concen: 81.577 ng
RT: 12.85 min Scan# 1829
Delta R.T. 0.02 min
Lab File: BF113040.D
Acq: 13 Mar 2019 20:47

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.6	8.4
122	12.8	10.5	15.7





#80
 Butylbenzylphthalate
 Concen: 18.164 ng
 RT: 13.32 min Scan# 1910
 Delta R.T. 0.02 min
 Lab File: BF113040.D
 Acq: 13 Mar 2019 20:47

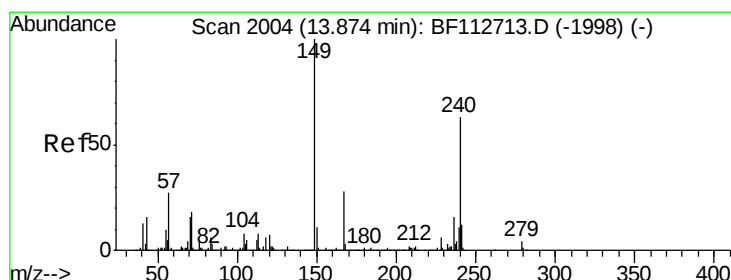
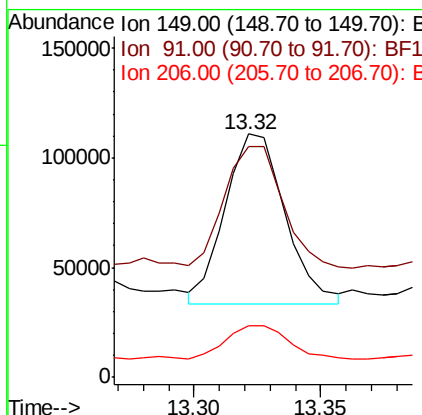
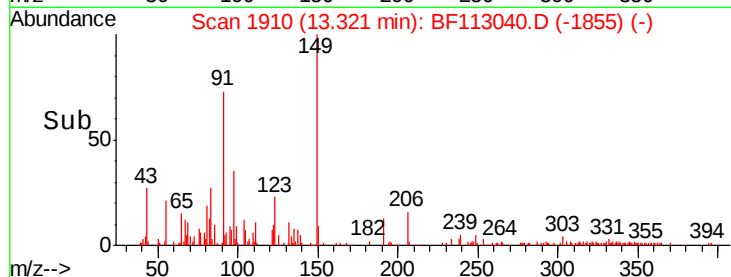
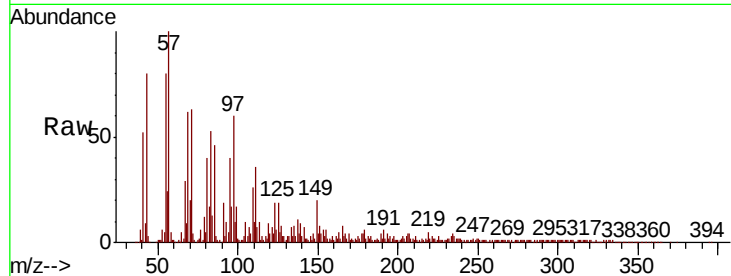
Instrument :
 BNA_F
 ClientSampled :
 FLOOR

Tot Ion	Ratio	Resp	Lower	Upper
149	100	127612		
91	94.7	59.9	89.9#	
206	21.2	14.7	22.1	

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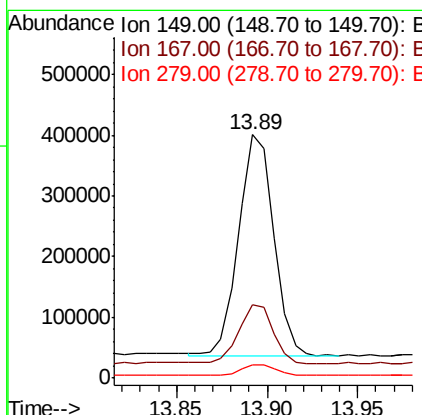
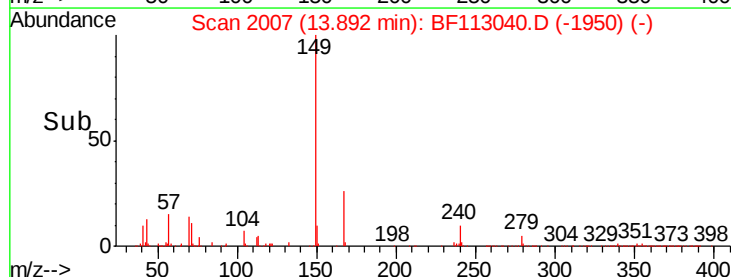
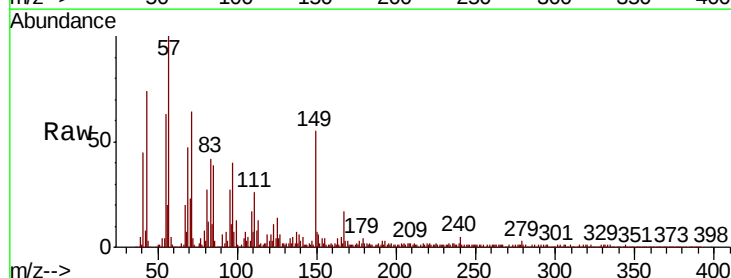
Sohil

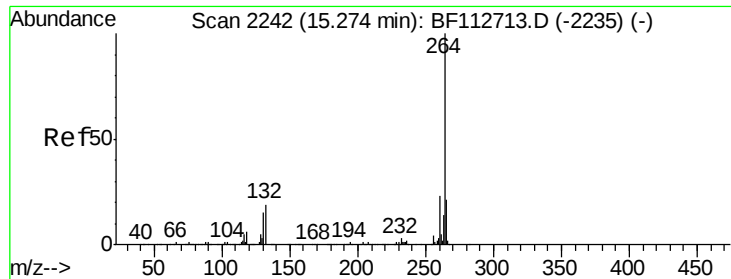
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 59.533 ng
 RT: 13.89 min Scan# 2007
 Delta R.T. 0.04 min
 Lab File: BF113040.D
 Acq: 13 Mar 2019 20:47

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	490593		
167	30.1	22.4	33.6	
279	5.6	3.3	4.9#	





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.34 min Scan# 2254
Delta R.T. 0.07 min
Lab File: BF113040.D
Acq: 13 Mar 2019 20:47

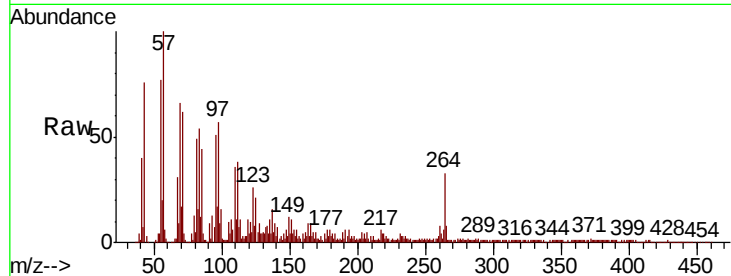
Instrument :
BNA_F
ClientSampleId :
FLOOR

Tot Ion:	264	Resp:	200738
Ion Ratio	Lower	Upper	
264	100		
260	25.6	18.7	28.1
265	24.5	17.2	25.8

Manual Integrations
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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

