

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030618\
 Data File : BF103489.D
 Acq On : 7 Mar 2018 7:11
 Operator : SJ/JU
 Sample : J1809-09
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE

Manual Integrations
 APPROVED

Sohil
 3/7/2018 12:17:50 PM

Quant Time: Mar 07 08:04:03 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 06 11:52:59 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	122155	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	496884	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	188537	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	297470	20.00	ng	0.00
75) Chrysene-d12	14.06	240	200474	20.00	ng	0.00
86) Perylene-d12	15.57	264	156518	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	266243	32.96	ng	0.00
7) Phenol-d6	6.50	99	797298	80.67	ng	-0.01
23) Nitrobenzene-d5	7.43	82	632596	72.71	ng	-0.01
41) 2,4,6-Tribromophenol	10.72	330	21050	13.19	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	874172	78.40	ng	0.00
78) Terphenyl-d14	12.99	244	662581	79.45	ng	-0.01
Target Compounds						
37) 2-Methylnaphthalene	8.87	142	47309	3.009	ng	97
49) Dimethylphthalate	9.62	163	51172	3.383	ng	# 98
70) Phenanthrene	11.43	178	40584	2.479	ng	99

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

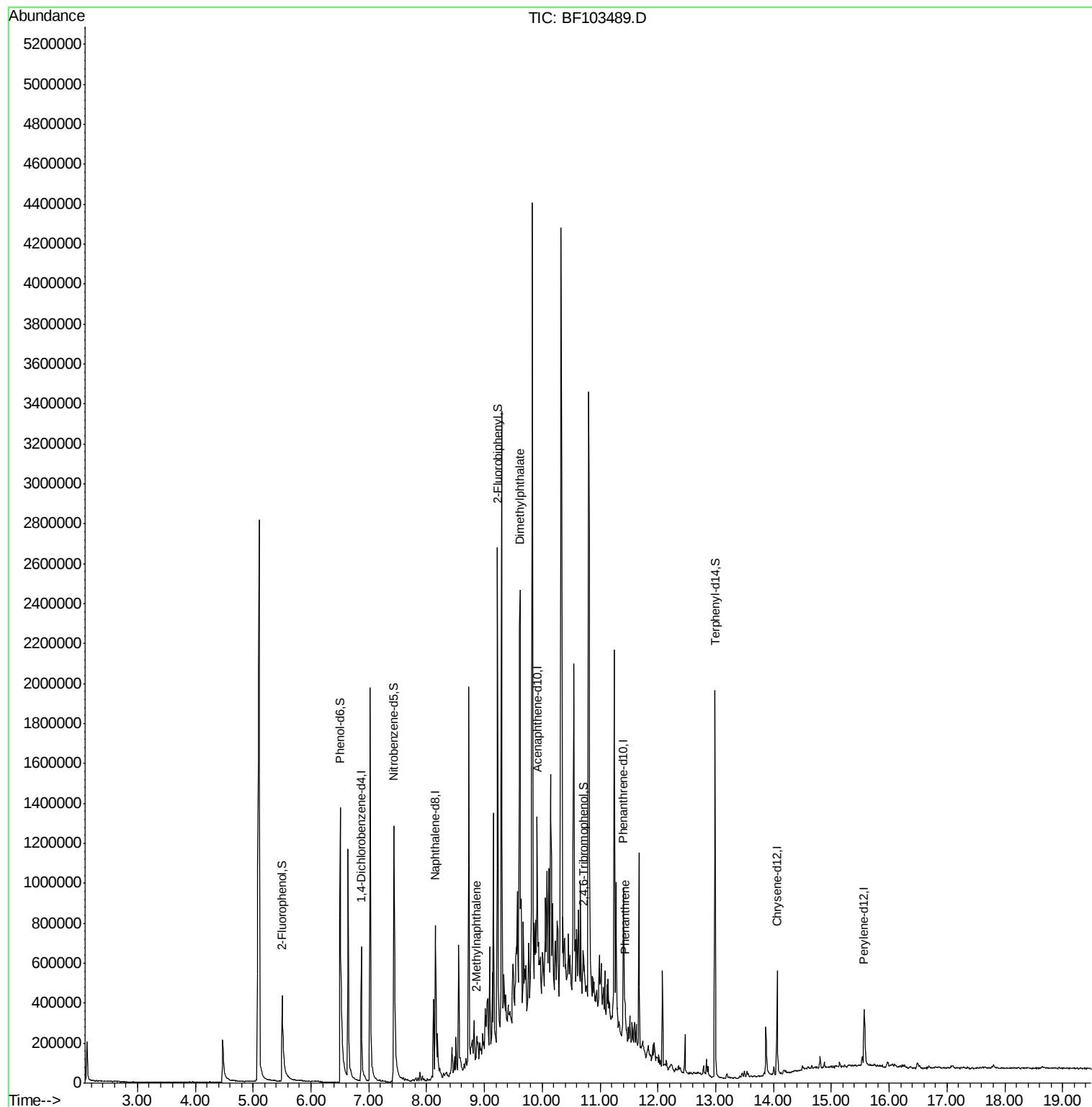
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030618\
Data File : BF103489.D
Acq On : 7 Mar 2018 7:11
Operator : SJ/JU
Sample : J1809-09
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CONCRETE

Manual Integrations
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Sohil
3/7/2018 12:17:50 PM

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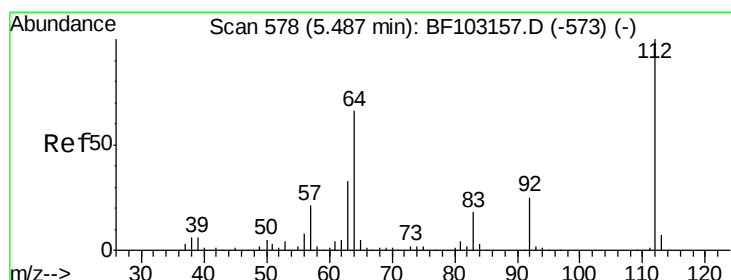
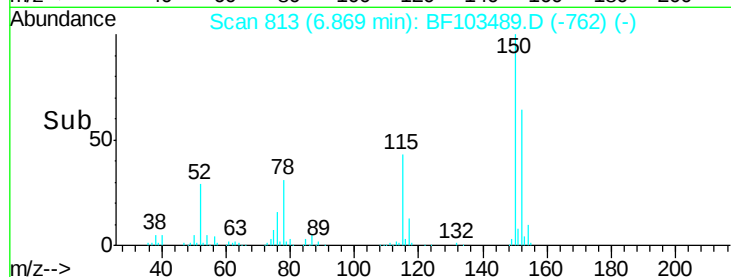
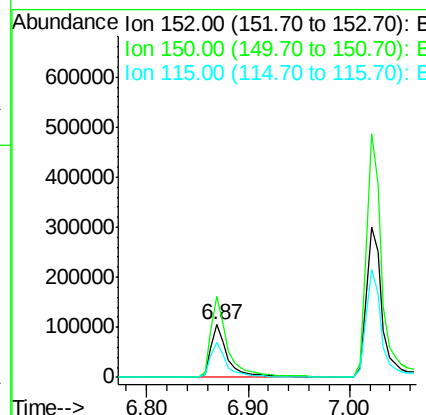
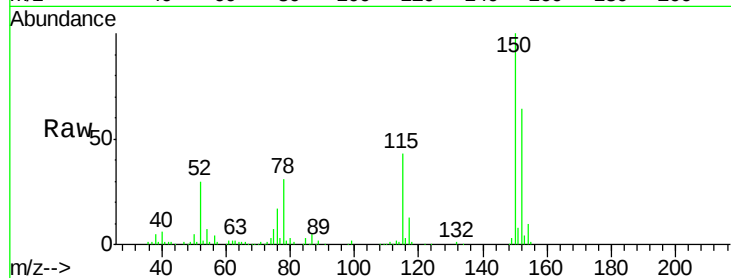
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.87 min Scan# 813
 Delta R.T. 0.00 min
 Lab File: BF103489.D
 Acq: 7 Mar 2018 7:11

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.4	124.6	186.8
115	66.2	50.1	75.1

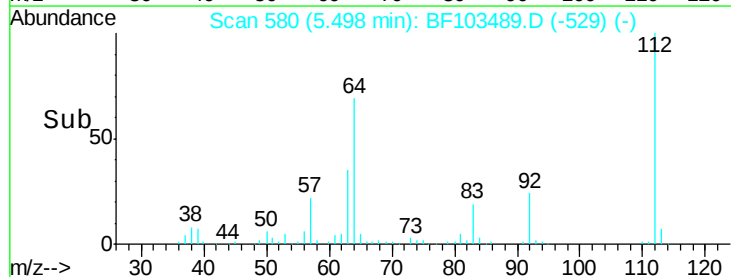
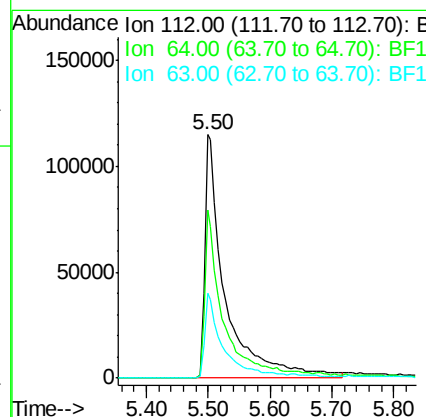
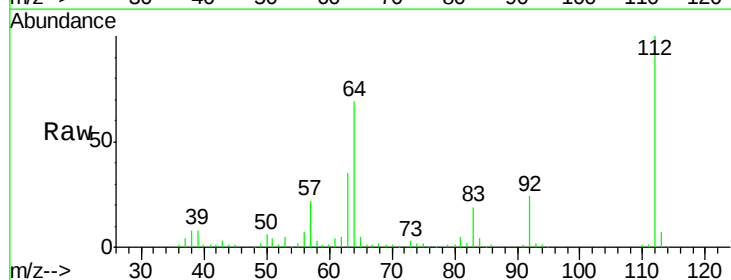
Manual Integrations
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#5
 2-Fluorophenol
 Concen: 32.964 ng
 RT: 5.50 min Scan# 580
 Delta R.T. 0.00 min
 Lab File: BF103489.D
 Acq: 7 Mar 2018 7:11

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.9	47.9	71.9
63	34.7	23.7	35.5





#7

Phenol-d6

Concen: 80.673 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF103489.D

Acq: 7 Mar 2018 7:11

Instrument :

BNA_F

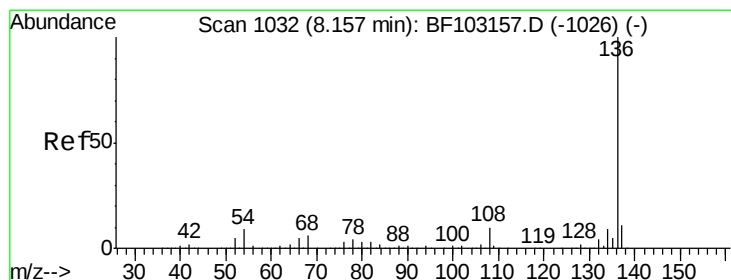
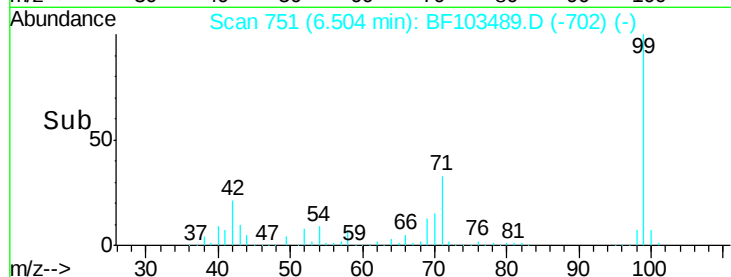
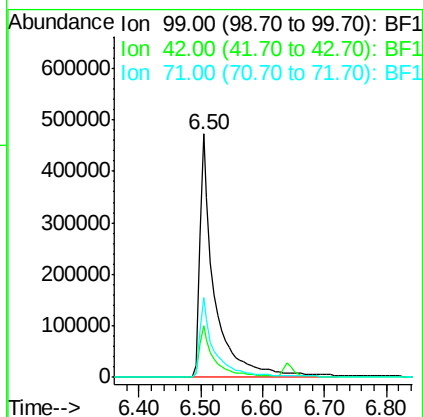
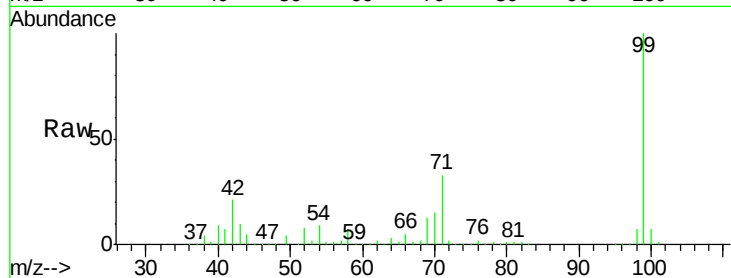
ClientSampleId :

CONCRETE

Tot Ion:	99	Resp:	797298
Ion Ratio	Lower	Upper	
99	100		
42	21.4	14.5	21.7
71	32.8	25.4	38.0

Manual Integrations
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#21

Naphthalene-d8

Concen: 20.000 ng

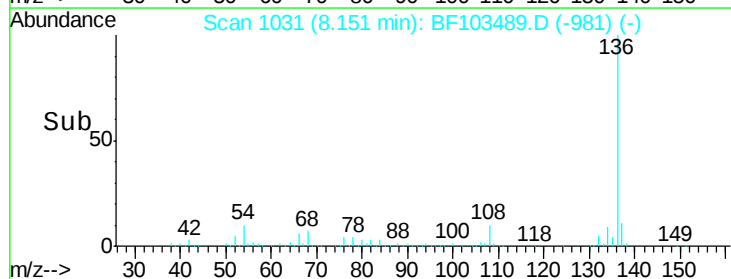
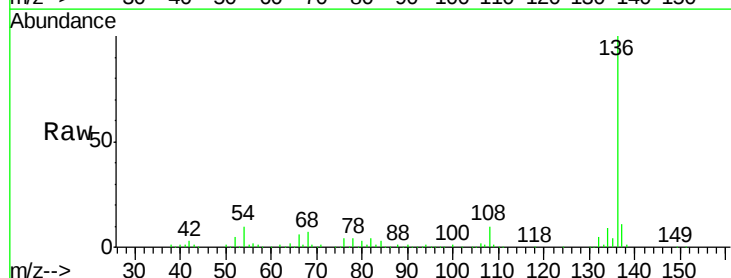
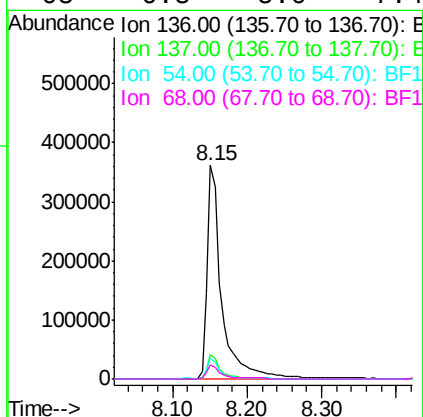
RT: 8.15 min Scan# 1031

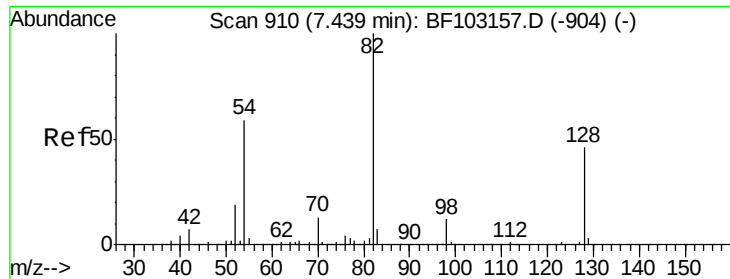
Delta R.T. -0.01 min

Lab File: BF103489.D

Acq: 7 Mar 2018 7:11

Tgt Ion:	136	Resp:	496884
Ion Ratio	Lower	Upper	
136	100		
137	11.2	8.9	13.3
54	9.9	6.6	9.8
68	6.8	5.0	7.4





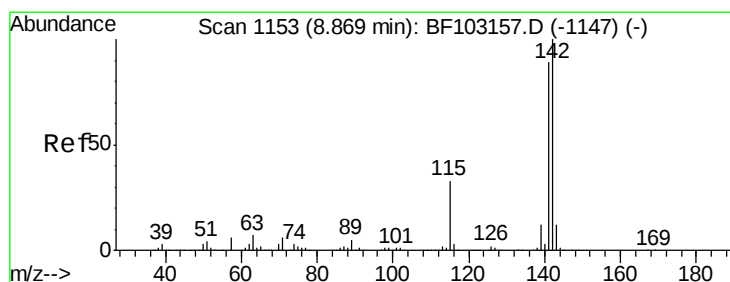
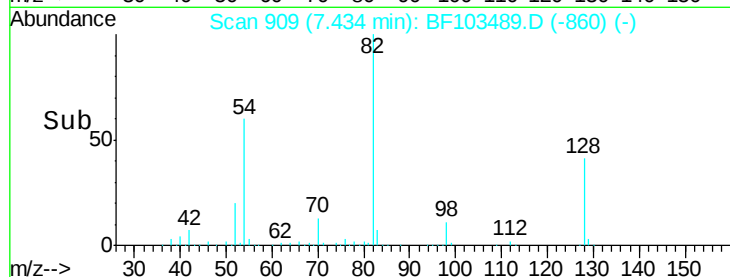
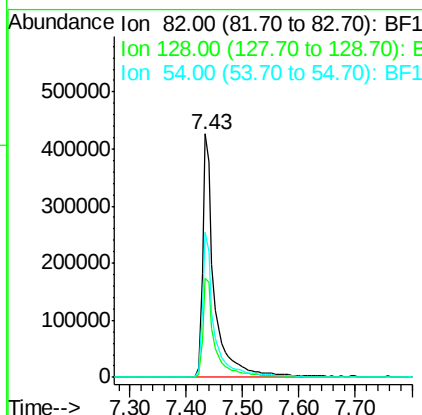
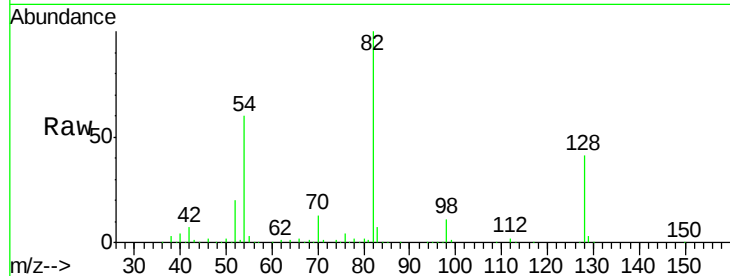
#23
Nitrobenzene-d5
Concen: 72.706 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: BF103489.D
Acq: 7 Mar 2018 7:11

Instrument :
BNA_F
ClientSampled :
CONCRETE

Tot Ion	Ratio	Lower	Upper
82	100		
128	40.8	36.1	54.1
54	59.8	41.4	62.2

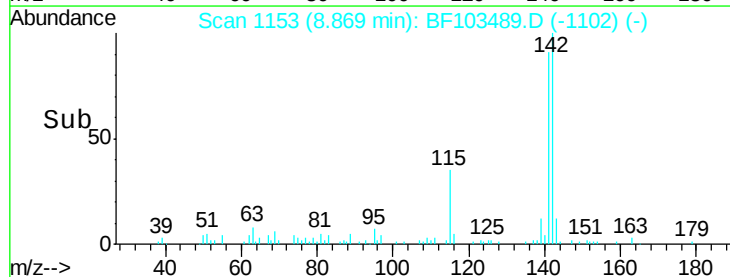
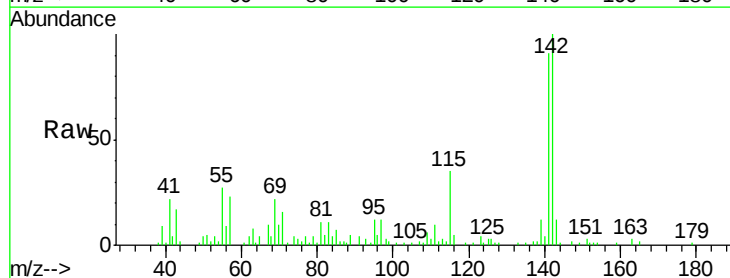
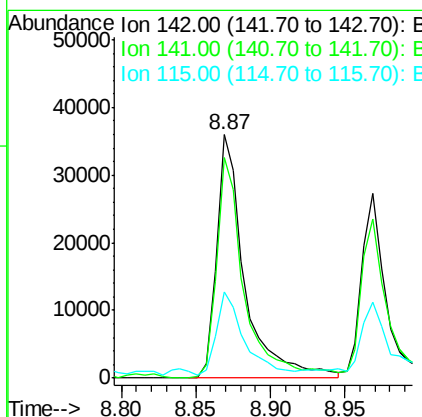
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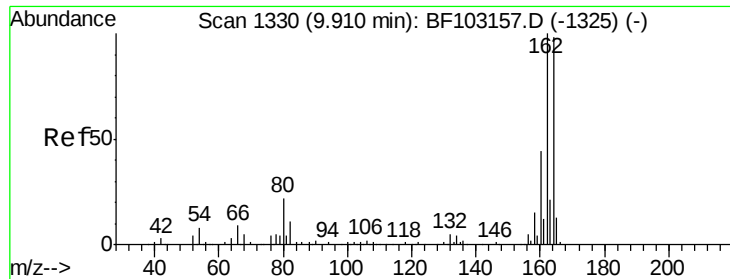
Sohil
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#37
2-Methylnaphthalene
Concen: 3.009 ng
RT: 8.87 min Scan# 1153
Delta R.T. 0.00 min
Lab File: BF103489.D
Acq: 7 Mar 2018 7:11

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.8	70.8	106.2
115	35.4	26.1	39.1





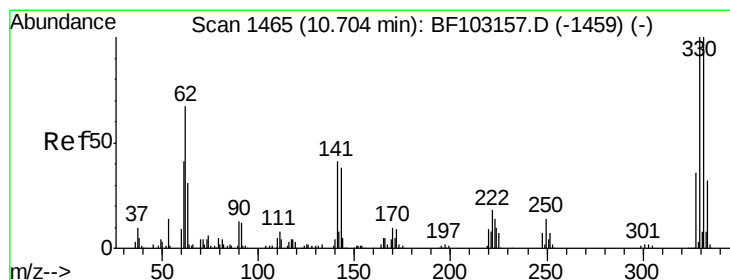
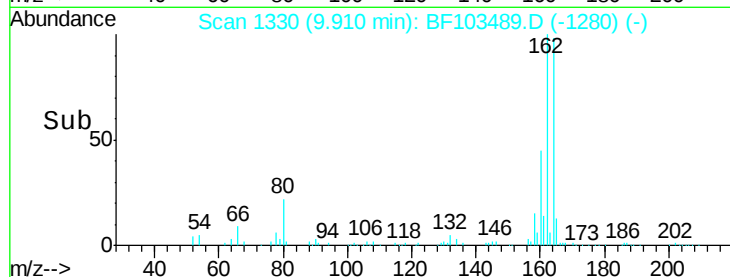
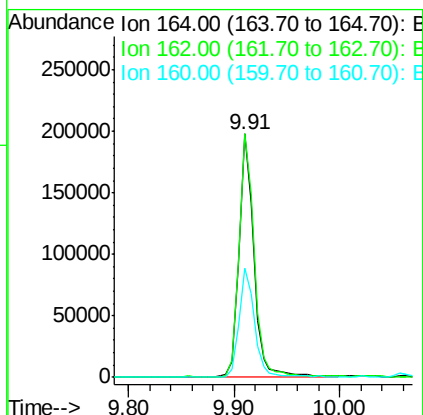
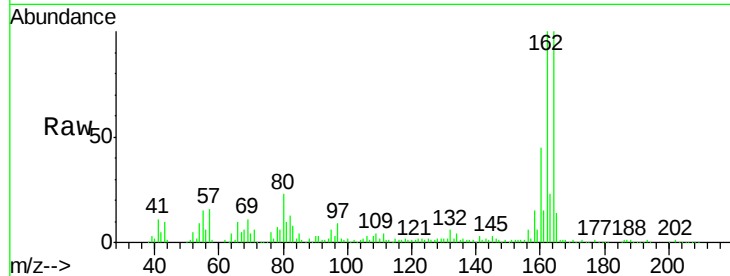
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BF103489.D
Acq: 7 Mar 2018 7:11

Instrument :
BNA_F
ClientSampleId :
CONCRETE

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.0	86.1	129.1
160	45.0	38.3	57.5

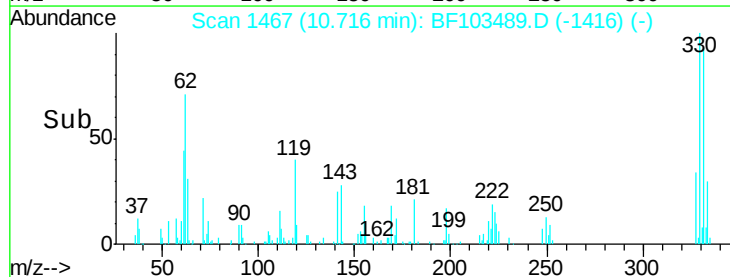
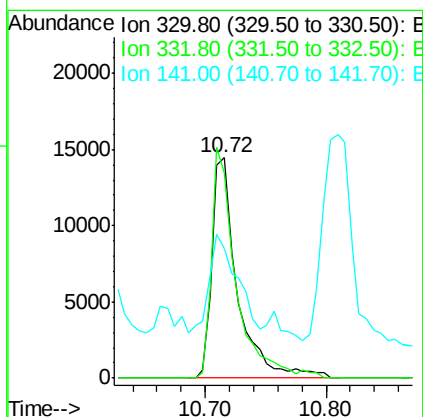
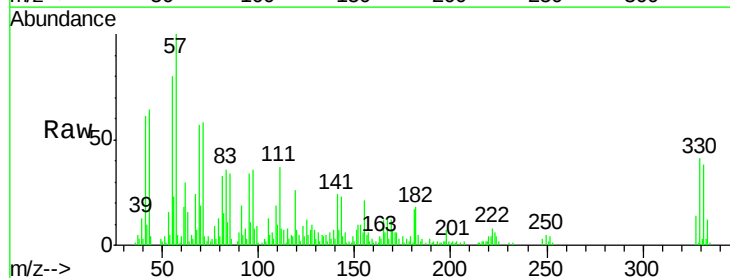
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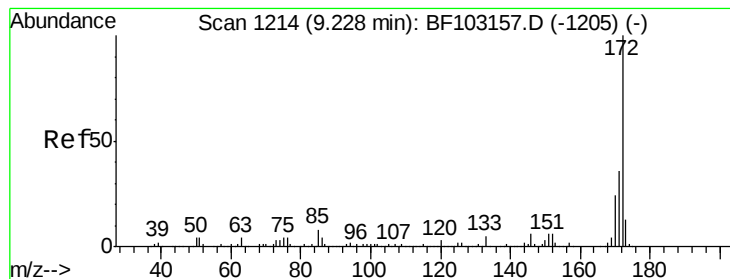
Sohil
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#41
2,4,6-Tribromophenol
Concen: 13.190 ng
RT: 10.72 min Scan# 1467
Delta R.T. 0.00 min
Lab File: BF103489.D
Acq: 7 Mar 2018 7:11

Tgt Ion	Ratio	Lower	Upper
330	100		
332	100.0	77.0	115.6
141	48.1	29.9	44.9#





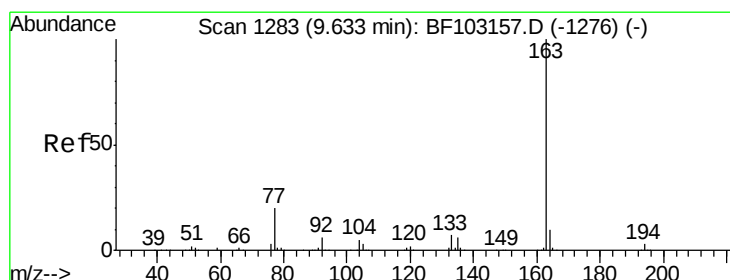
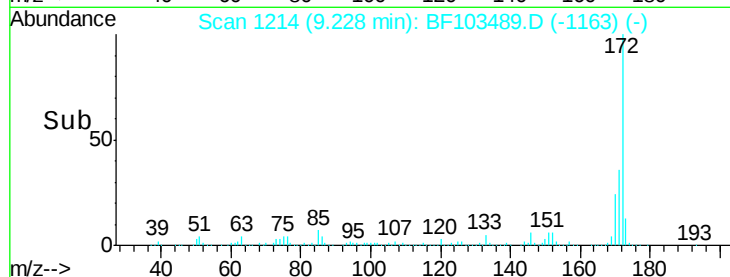
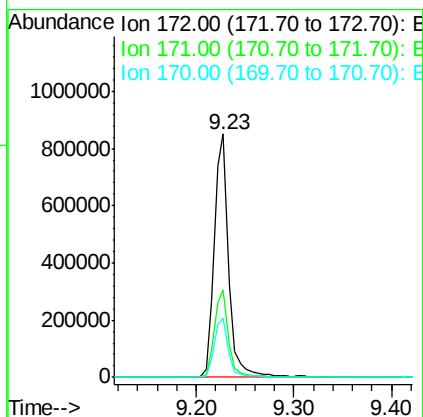
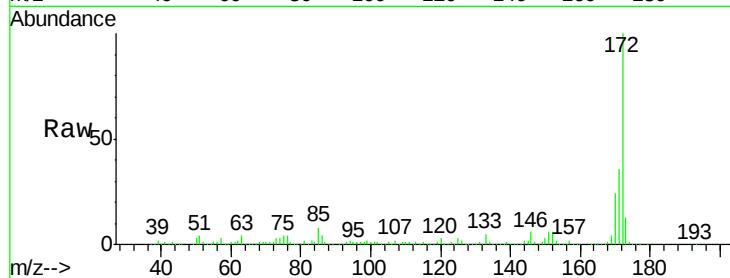
#44
2-Fluorobiphenyl
Concen: 78.397 ng
RT: 9.23 min Scan# 1214
Delta R.T. 0.00 min
Lab File: BF103489.D
Acq: 7 Mar 2018 7:11

Instrument :
BNA_F
ClientSampleId :
CONCRETE

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.7	44.5
170	24.3	19.6	29.4

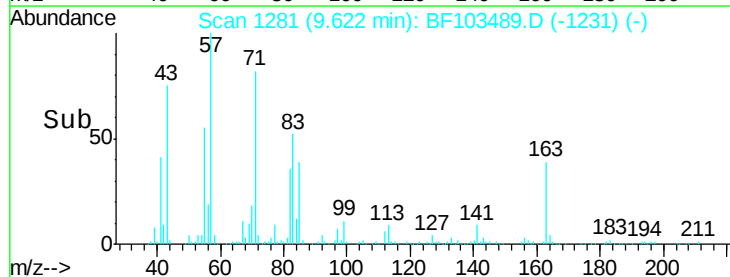
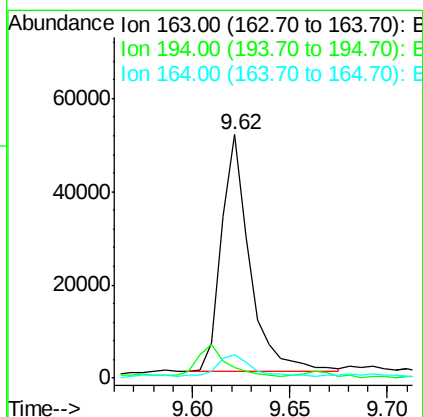
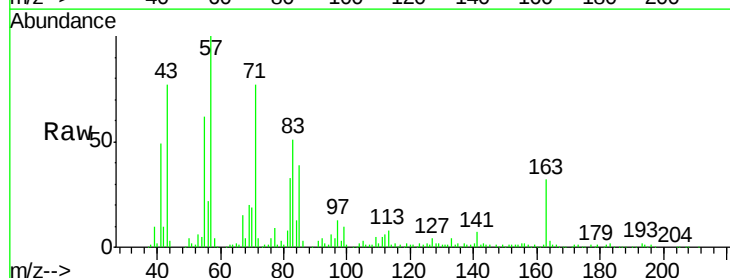
Manual Integrations
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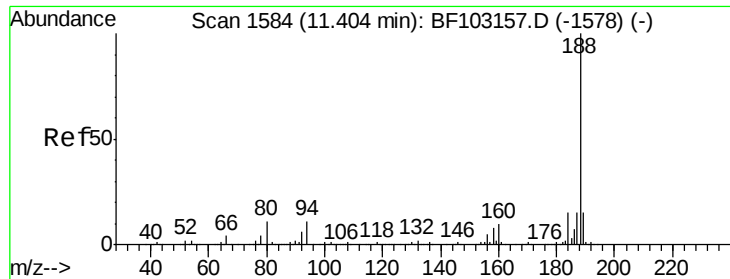
Sohil
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#49
Dimethylphthalate
Concen: 3.383 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF103489.D
Acq: 7 Mar 2018 7:11

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.6	2.7	4.1#
164	9.7	8.2	12.2





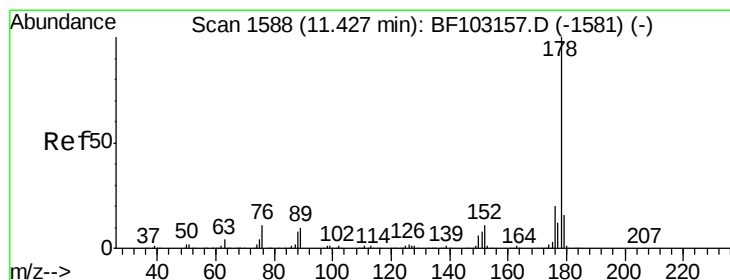
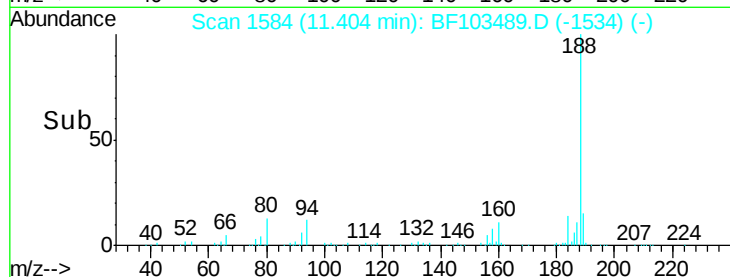
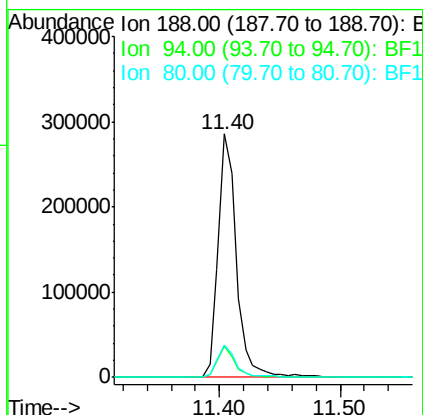
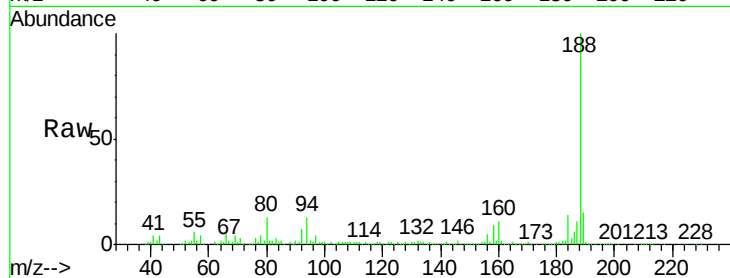
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF103489.D
Acq: 7 Mar 2018 7:11

Instrument :
BNA_F
ClientSampleId :
CONCRETE

Tot Ion	Ratio	Resp	Lower	Upper
188	100	297470		
94	12.7		8.5	12.7
80	13.2		9.2	13.8

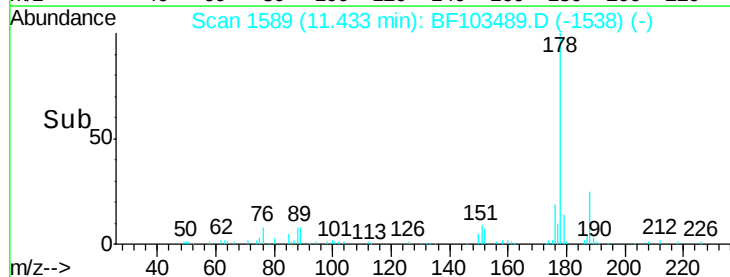
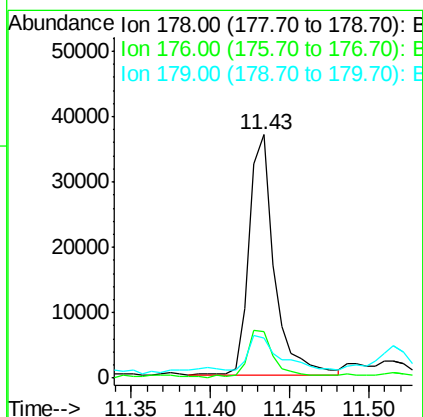
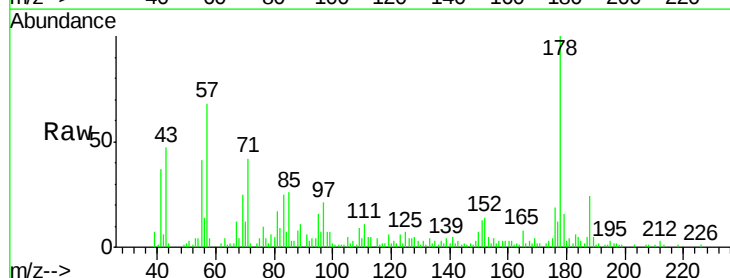
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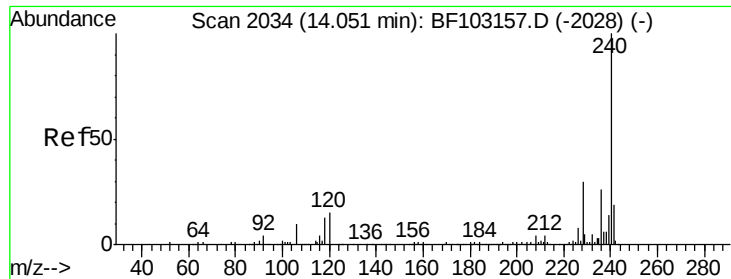
Sohil
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#70
Phenanthrene
Concen: 2.479 ng
RT: 11.43 min Scan# 1589
Delta R.T. 0.00 min
Lab File: BF103489.D
Acq: 7 Mar 2018 7:11

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	40584		
176	19.1		15.8	23.8
179	16.5		13.0	19.6





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2036

Delta R.T. -0.01 min

Lab File: BF103489.D

Acq: 7 Mar 2018 7:11

Instrument :

BNA_F

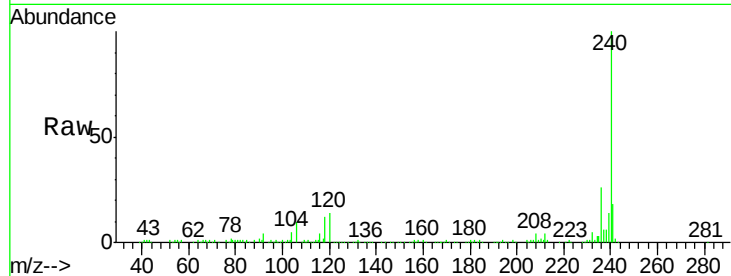
ClientSampleId :

CONCRETE

Tot Ion	Ratio	Lower	Upper
240	100		
120	14.4	9.5	14.3
236	25.8	20.7	31.1

Manual Integrations
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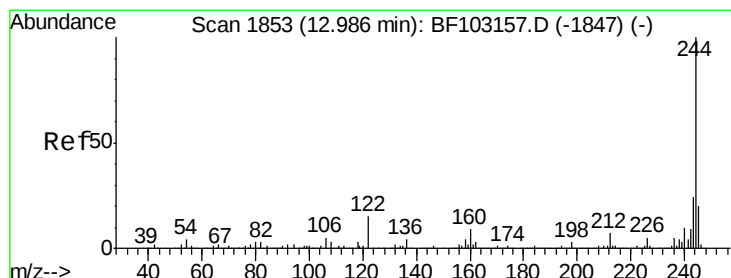
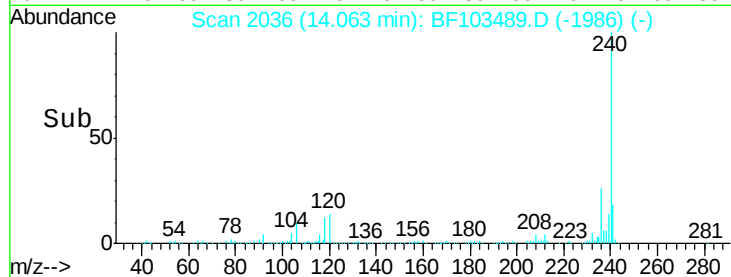
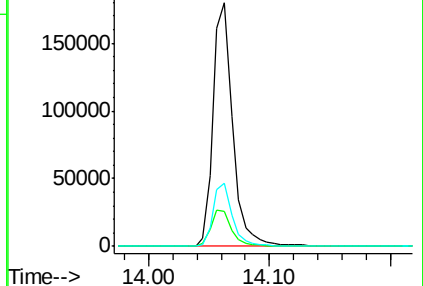
Sohil
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 79.450 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BF103489.D

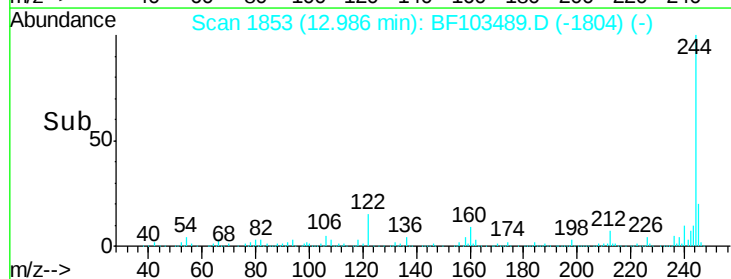
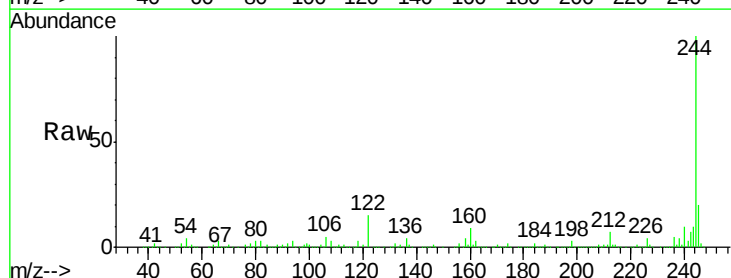
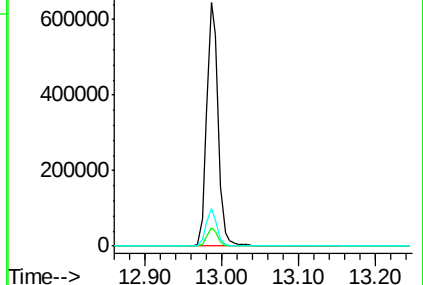
Acq: 7 Mar 2018 7:11

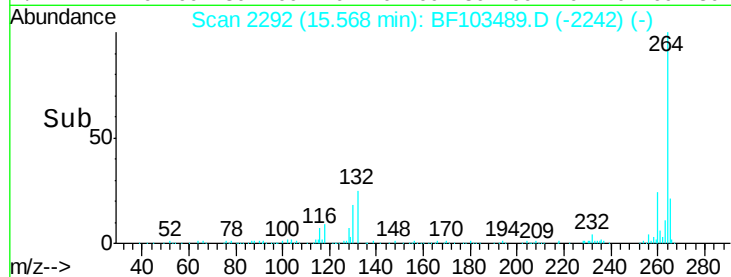
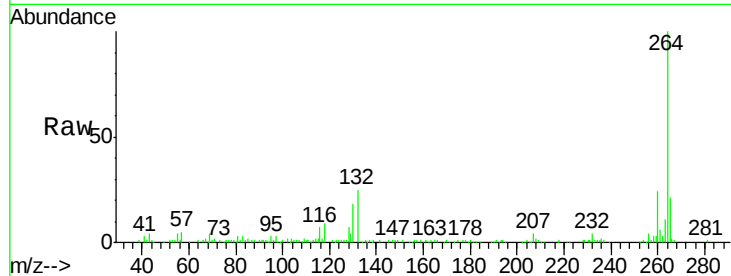
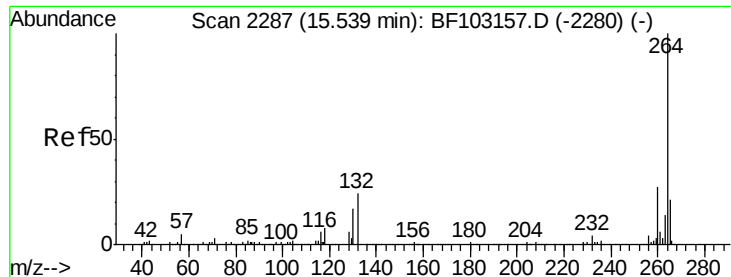
Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.4	8.0
122	15.2	11.0	16.4

Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.57 min Scan# 2292
Delta R.T. -0.01 min
Lab File: BF103489.D
Acq: 7 Mar 2018 7:11

Tot Ion:	264	Resp:	156518
Ion Ratio	Lower	Upper	
264	100		
260	24.0	19.2	28.8
265	21.4	17.5	26.3

Instrument :
BNA_F
ClientSampleId :
CONCRETE

Manual Integrations
APPROVED

Sohil
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