

Data Path : Z:\HPCHEM1\BNA F\DATA\BF093017\
 Data File : BF098967.D
 Acq On : 30 Sep 2017 17:19
 Operator : SJ/JU
 Sample : I5511-01 10X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-01-092817

Manual Integrations
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Sohil
 10/2/2017 5:44:24 PM

Quant Time: Oct 02 14:49:53 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 23 13:50:58 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	143523	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	576182	20.00	ng	0.00
38) Acenaphthene-d10	9.95	164	230353	20.00	ng	-0.01
63) Phenanthrene-d10	11.44	188	317270	20.00	ng	0.00
75) Chrysene-d12	14.08	240	260942	20.00	ng	0.00
86) Perylene-d12	15.57	264	211810	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	92138	10.22	ng	-0.02
7) Phenol-d6	6.53	99	112118	10.08	ng	-0.02
23) Nitrobenzene-d5	7.47	82	62552	6.96	ng	-0.02
41) 2,4,6-Tribromophenol	10.74	330	14190	7.53	ng	-0.01
44) 2-Fluorobiphenyl	9.27	172	126289	9.15	ng	-0.01
78) Terphenyl-d14	13.02	244	72867	6.35	ng	-0.01
Target Compounds						
74) Fluoranthene	12.66	202	62955	3.661	ng	97
77) Pyrene	12.89	202	58786	2.954	ng	98
80) Benzo(a)anthracene	14.07	228	31718	2.007	ng	# 84
87) Benzo(b)fluoranthene	15.13	252	35162m	2.700	ng	

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

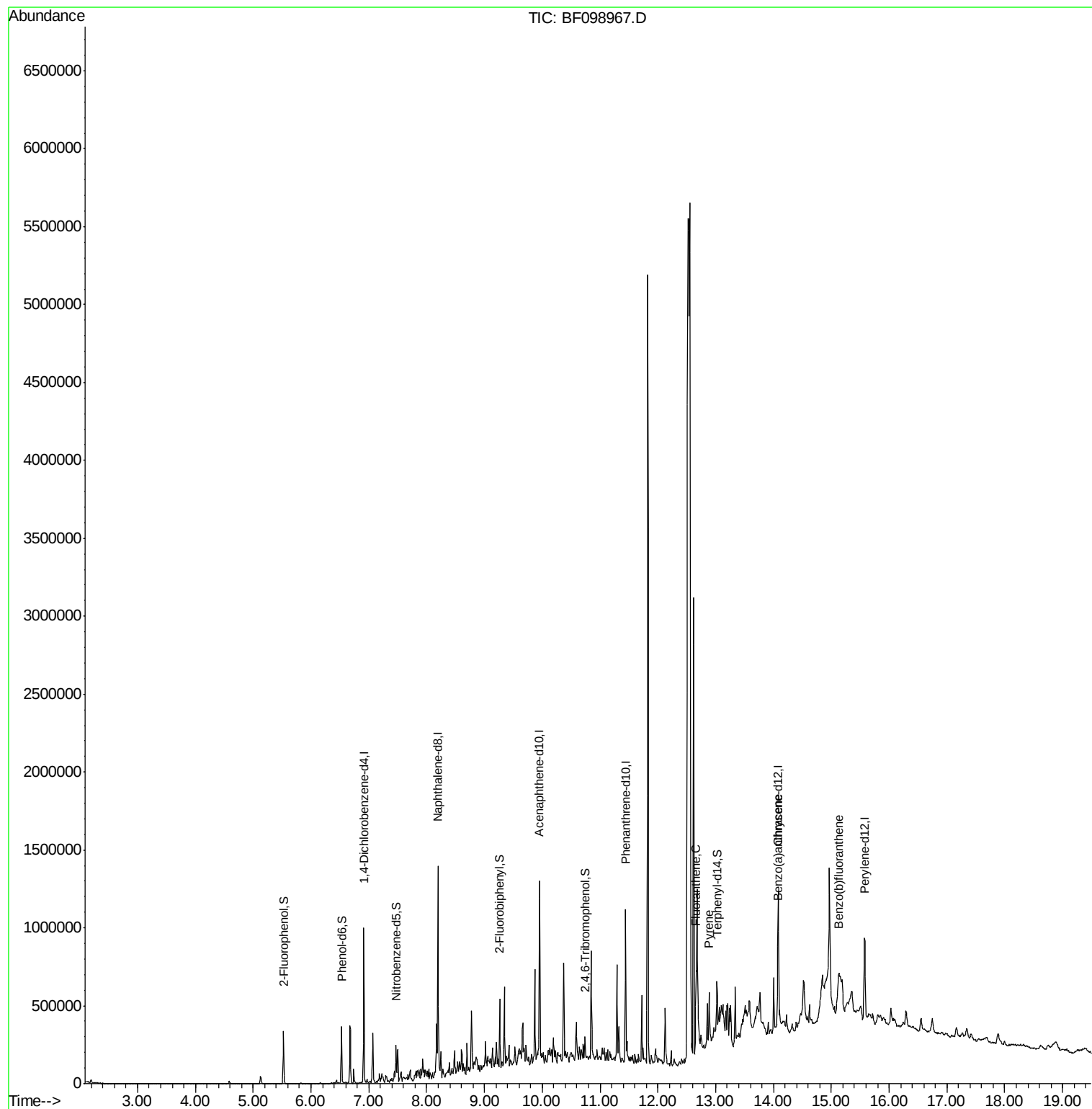
Data Path : Z:\HPCHEM1\BNA F\DATA\BF093017\
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#1

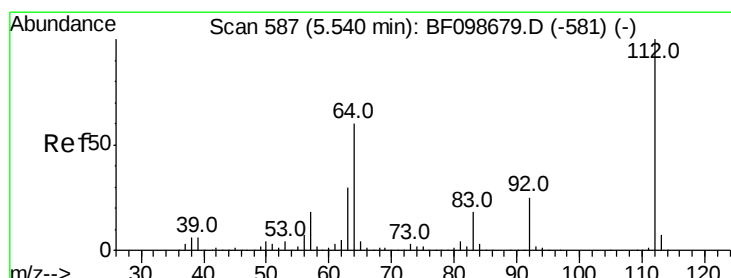
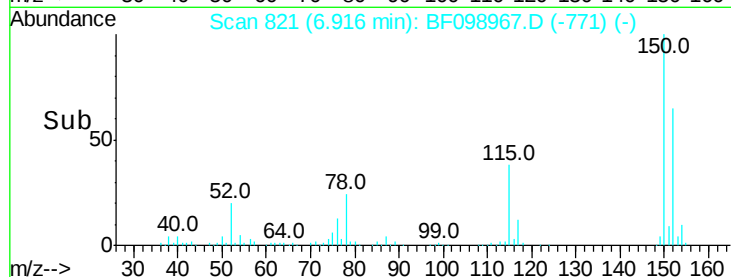
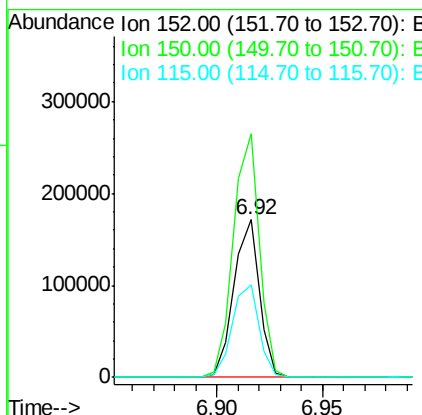
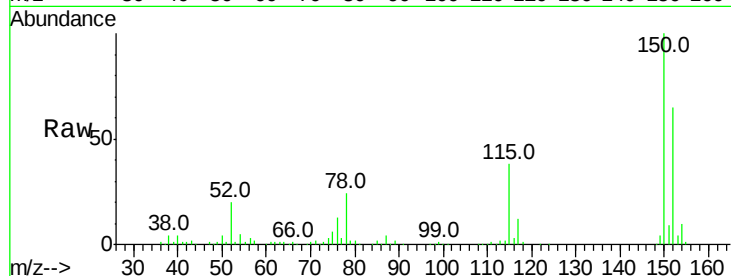
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF098967.D
Acq: 30 Sep 2017 17:19

Instrument :
BNA_F
ClientSampleId :
EO-01-092817

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.7	124.6	186.8
115	59.0	50.1	75.1

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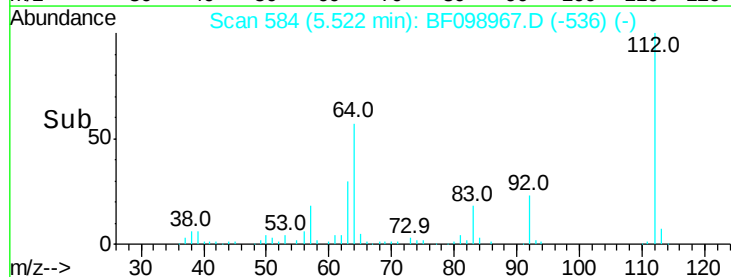
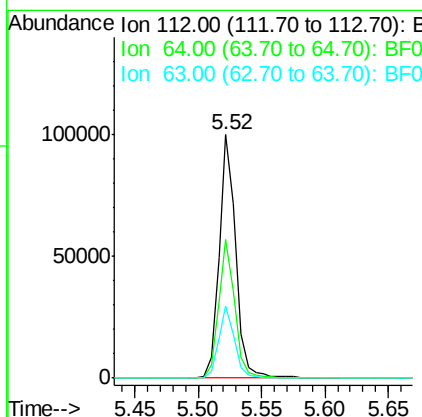
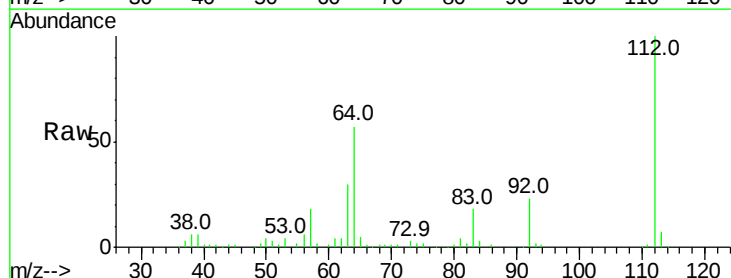
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#5

2-Fluorophenol
Concen: 10.220 ng
RT: 5.52 min Scan# 584
Delta R.T. -0.02 min
Lab File: BF098967.D
Acq: 30 Sep 2017 17:19

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.1	47.9	71.9
63	29.6	23.7	35.5





#7

Phenol-d6

Concen: 10.081 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.02 min

Lab File: BF098967.D

Acq: 30 Sep 2017 17:19

Instrument :

BNA_F

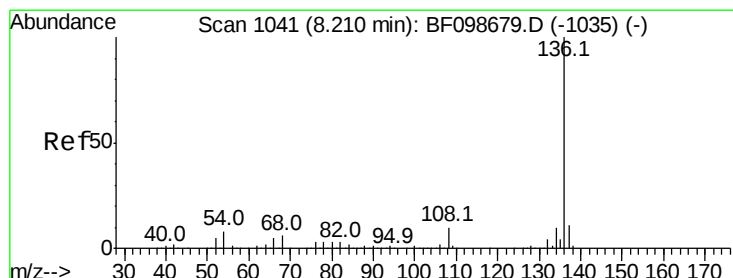
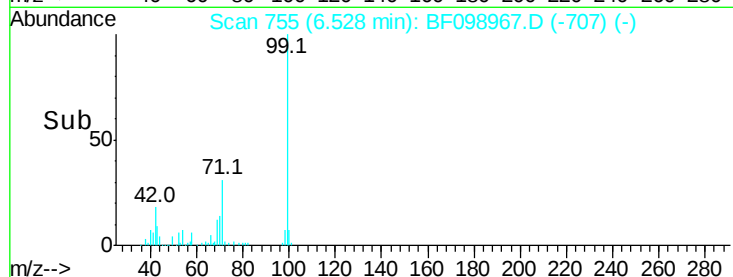
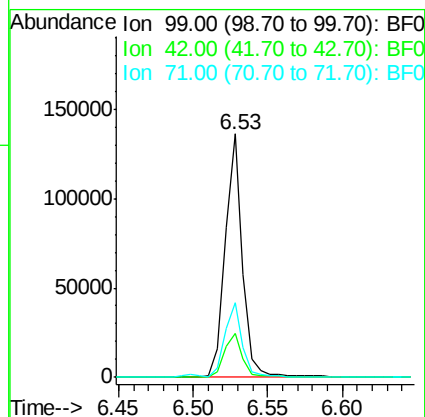
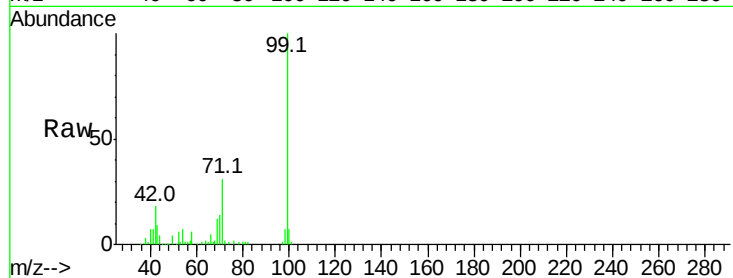
ClientSampleId :

EO-01-092817

Tot Ion:	99	Resp:	112118
Ion Ratio	Lower	Upper	
99	100		
42	18.1	14.5	21.7
71	30.9	25.4	38.0

Manual Integrations
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#21

Naphthalene-d8

Concen: 20.000 ng

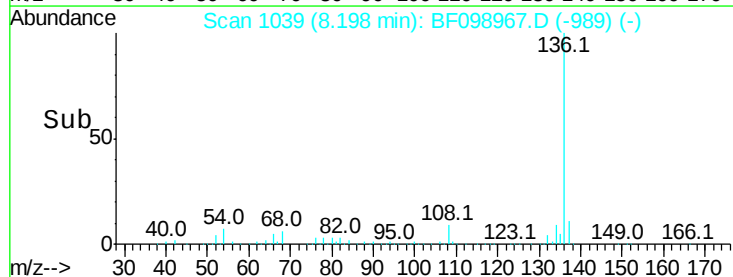
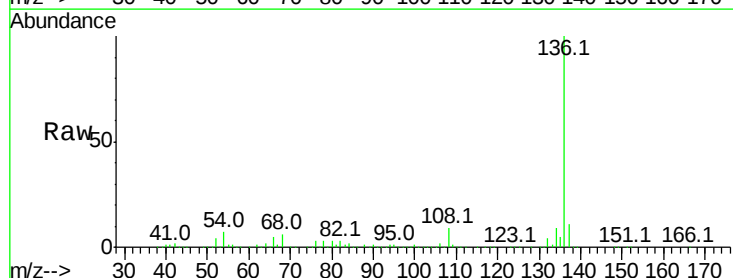
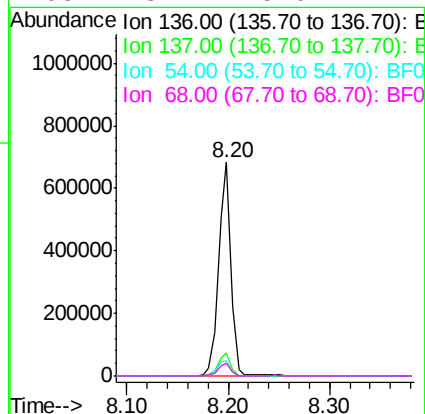
RT: 8.20 min Scan# 1039

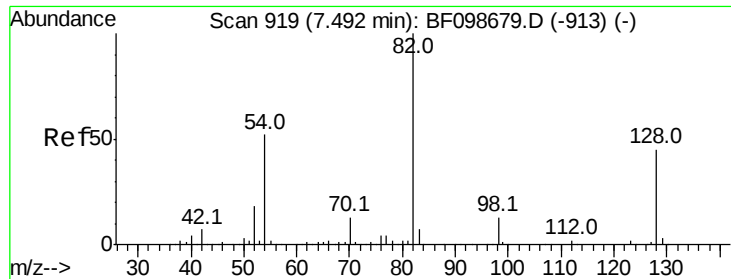
Delta R.T. -0.01 min

Lab File: BF098967.D

Acq: 30 Sep 2017 17:19

Tgt Ion:	136	Resp:	576182
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.9	13.3
54	7.4	6.6	9.8
68	5.7	5.0	7.4





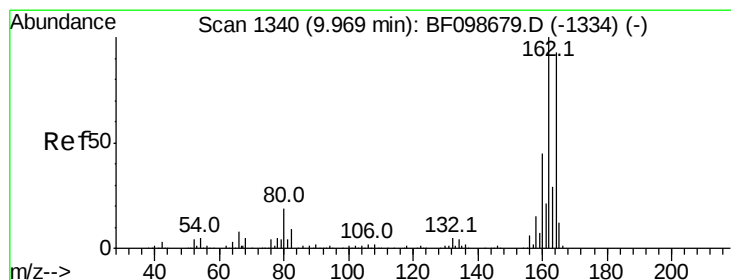
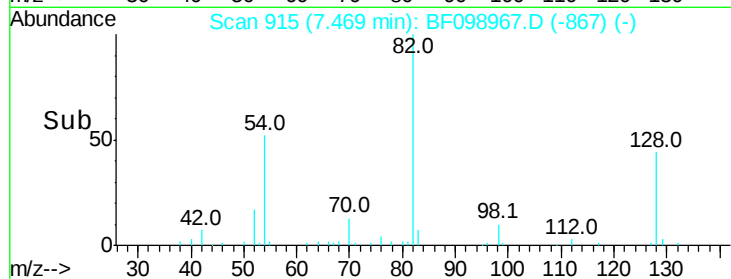
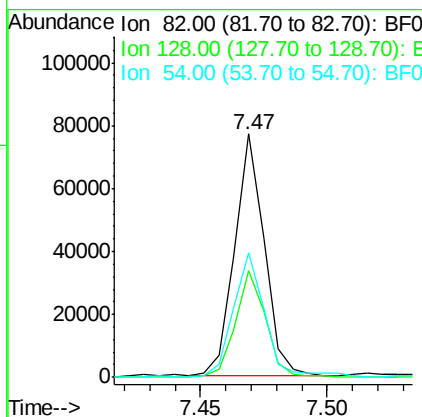
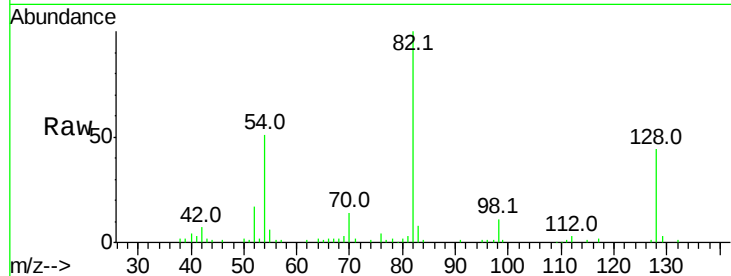
#23
 Nitrobenzene-d5
 Concen: 6.962 ng
 RT: 7.47 min Scan# 915
 Delta R.T. -0.02 min
 Lab File: BF098967.D
 Acq: 30 Sep 2017 17:19

Instrument :
 BNA_F
 ClientSampled :
 EO-01-092817

Tot Ion:	82	Resp:	62552
Ion Ratio	Lower	Upper	
82	100		
128	43.6	36.1	54.1
54	51.2	41.4	62.2

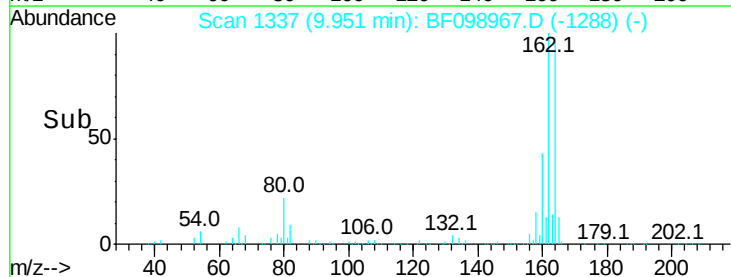
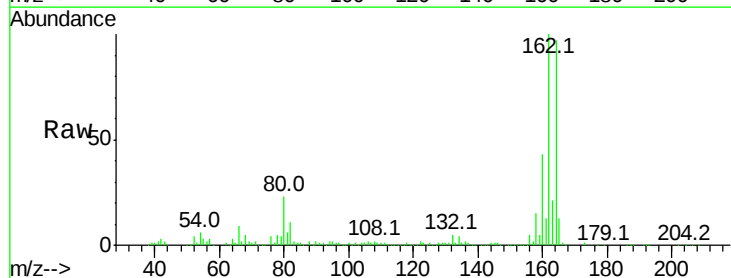
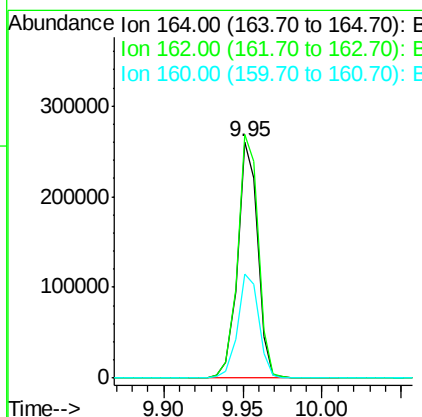
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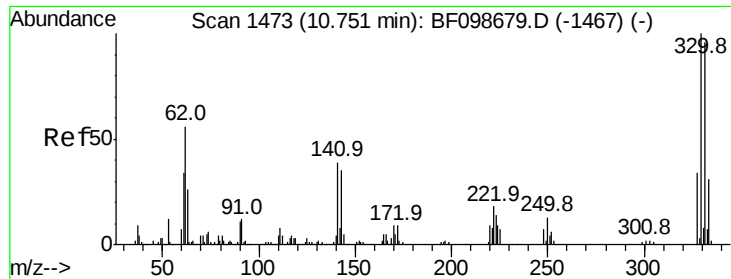
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.95 min Scan# 1337
 Delta R.T. -0.01 min
 Lab File: BF098967.D
 Acq: 30 Sep 2017 17:19

Tgt Ion:	164	Resp:	230353
Ion Ratio	Lower	Upper	
164	100		
162	103.0	86.1	129.1
160	44.1	38.3	57.5





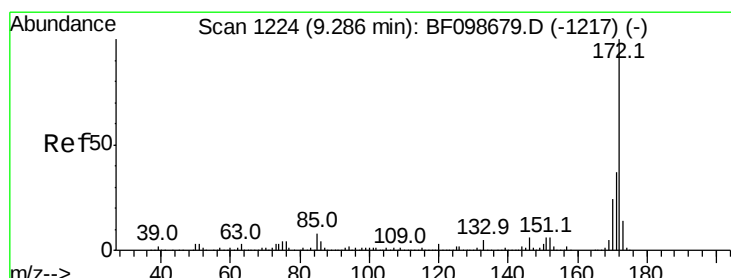
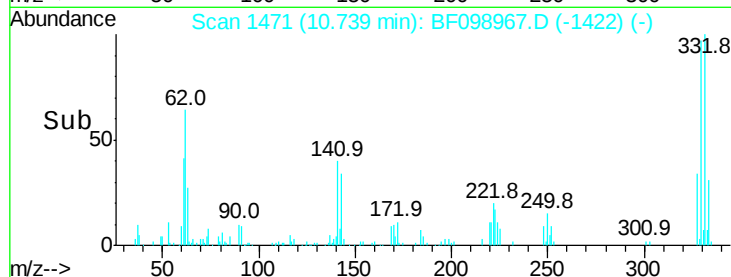
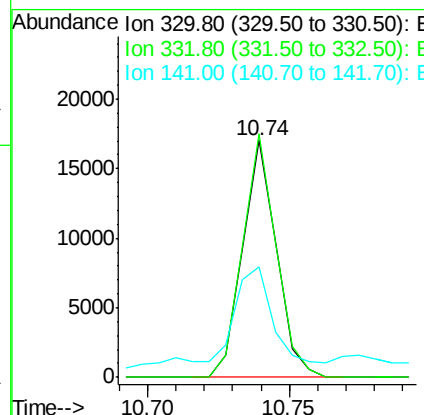
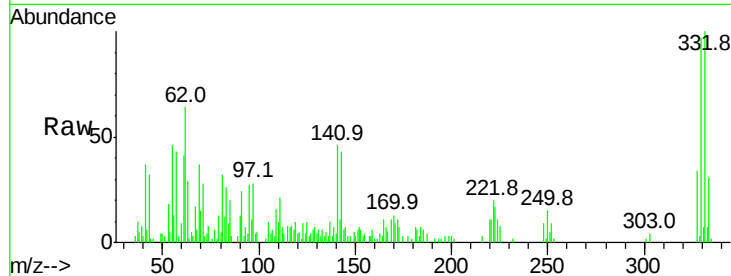
#41
 2,4,6-Tribromophenol
 Concen: 7.528 ng
 RT: 10.74 min Scan# 1471
 Delta R.T. -0.01 min
 Lab File: BF098967.D
 Acq: 30 Sep 2017 17:19

Instrument :
 BNA_F
 ClientSampleId :
 EO-01-092817

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	101.9	77.0	115.6	
141	54.8	29.9	44.9	

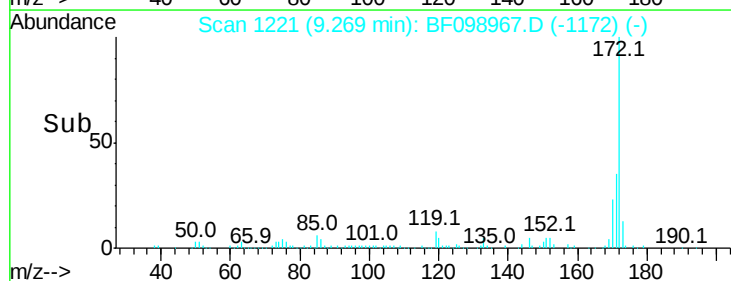
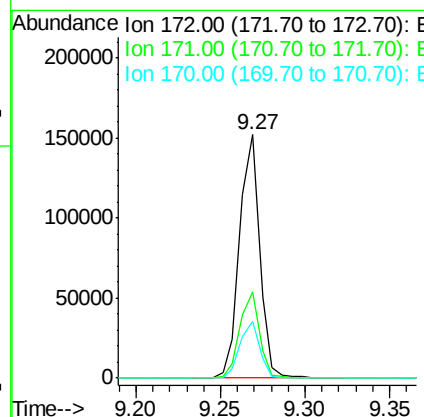
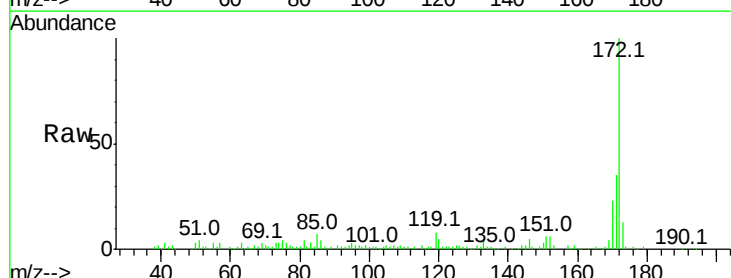
Manual Integrations
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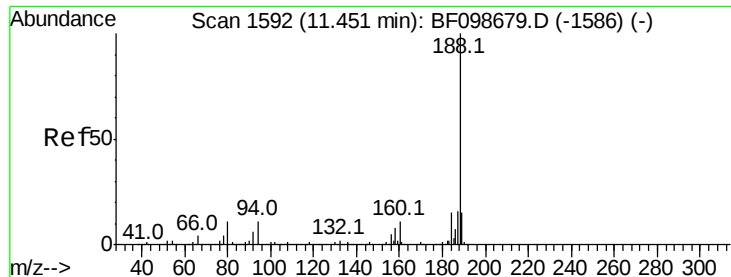
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#44
 2-Fluorobiphenyl
 Concen: 9.152 ng
 RT: 9.27 min Scan# 1221
 Delta R.T. -0.01 min
 Lab File: BF098967.D
 Acq: 30 Sep 2017 17:19

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	35.4	29.7	44.5	
170	23.1	19.6	29.4	





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.44 min Scan# 1590

Delta R.T. -0.01 min

Lab File: BF098967.D

Acq: 30 Sep 2017 17:19

Instrument :

BNA_F

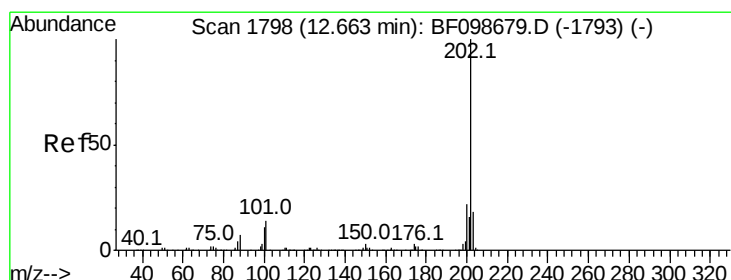
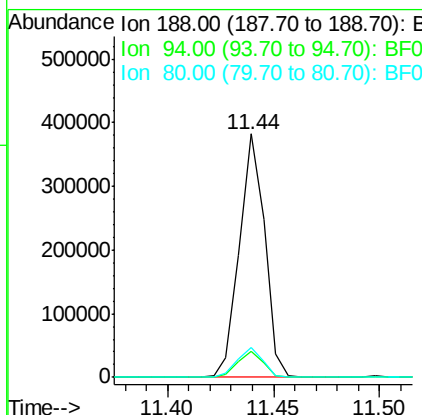
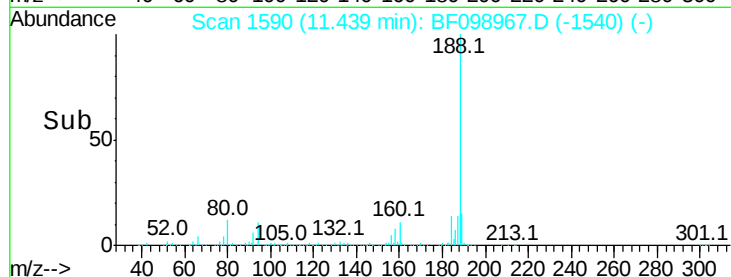
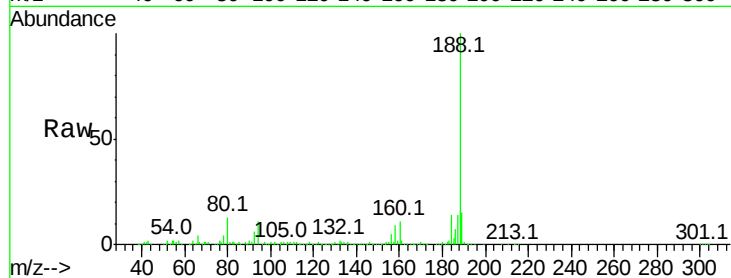
ClientSampleId :

EO-01-092817

Tot Ion:	188	Resp:	317270
Ion Ratio	Lower	Upper	
188	100		
94	10.9	8.5	12.7
80	12.5	9.2	13.8

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#74

Fluoranthene

Concen: 3.661 ng

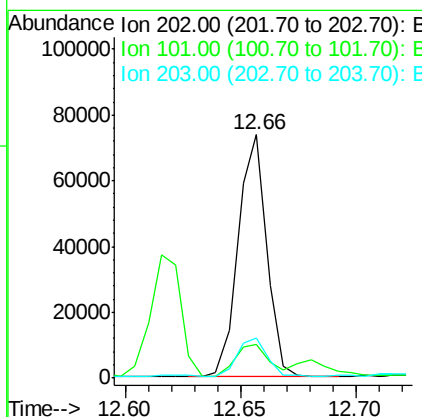
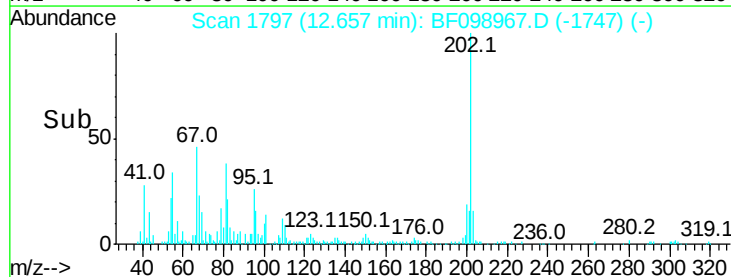
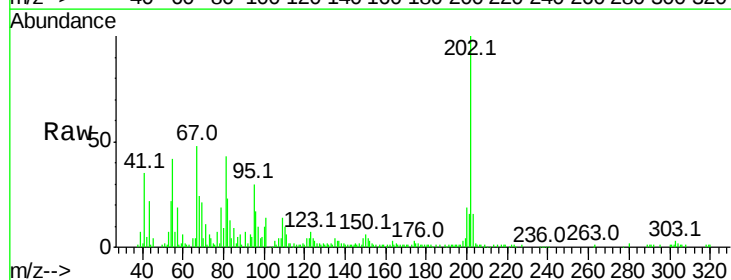
RT: 12.66 min Scan# 1797

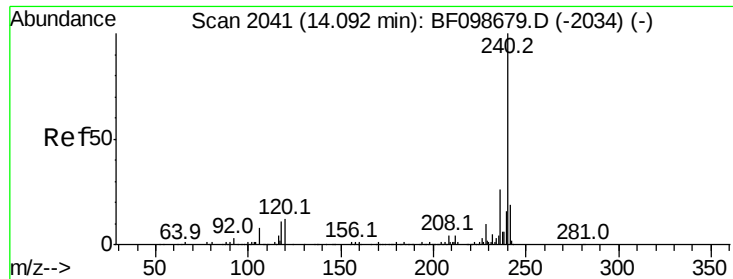
Delta R.T. -0.01 min

Lab File: BF098967.D

Acq: 30 Sep 2017 17:19

Tgt Ion:	202	Resp:	62955
Ion Ratio	Lower	Upper	
202	100		
101	13.8	0.0	34.1
203	16.4	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.08 min Scan# 2039

Delta R.T. -0.01 min

Lab File: BF098967.D

Acq: 30 Sep 2017 17:19

Instrument :

BNA_F

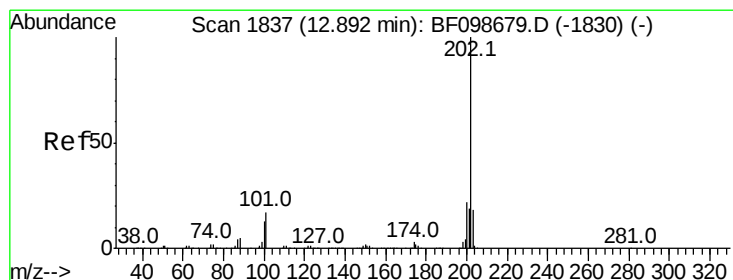
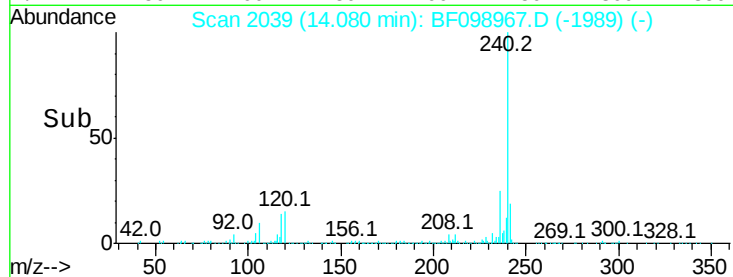
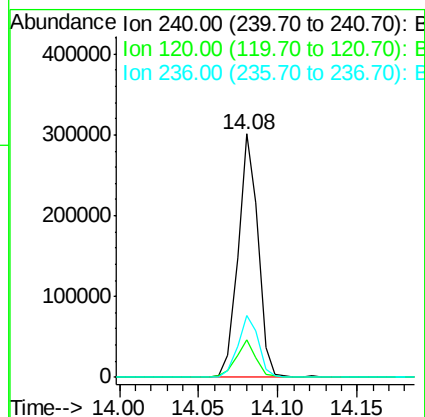
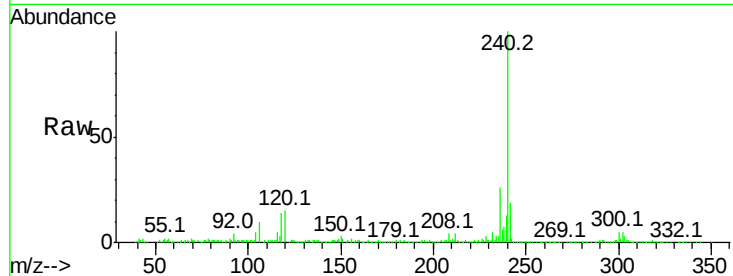
ClientSampleId :

EO-01-092817

Tot Ion:	240	Resp:	260942
Ion Ratio	Lower	Upper	
240	100		
120	15.5	9.5	14.3#
236	25.5	20.7	31.1

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#77

Pyrene

Concen: 2.954 ng

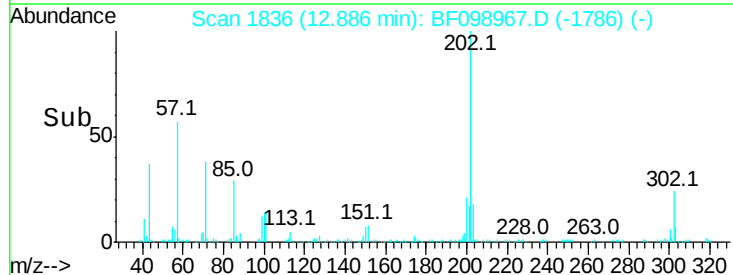
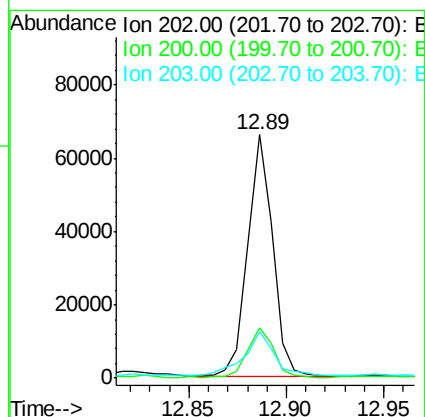
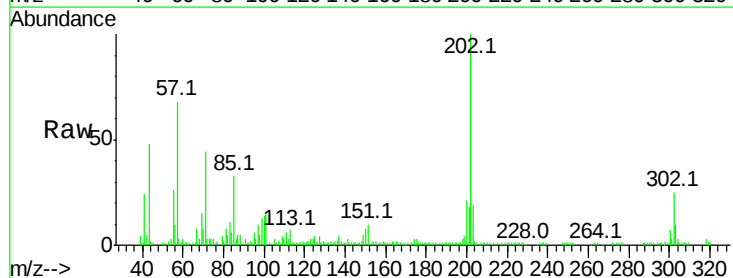
RT: 12.89 min Scan# 1836

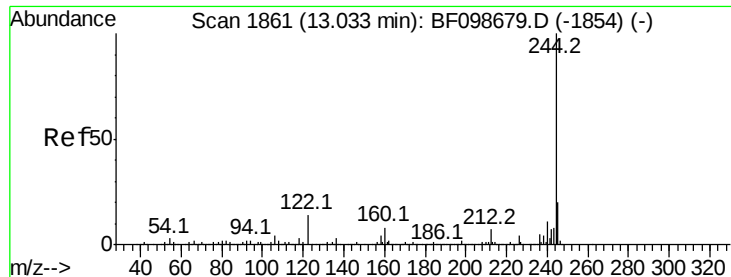
Delta R.T. -0.01 min

Lab File: BF098967.D

Acq: 30 Sep 2017 17:19

Tgt Ion:	202	Resp:	58786
Ion Ratio	Lower	Upper	
202	100		
200	20.6	17.4	26.2
203	18.9	14.3	21.5





#78

Terphenyl-d14

Concen: 6.351 ng

RT: 13.02 min Scan# 1859

Delta R.T. -0.01 min

Lab File: BF098967.D

Acq: 30 Sep 2017 17:19

Instrument :

BNA_F

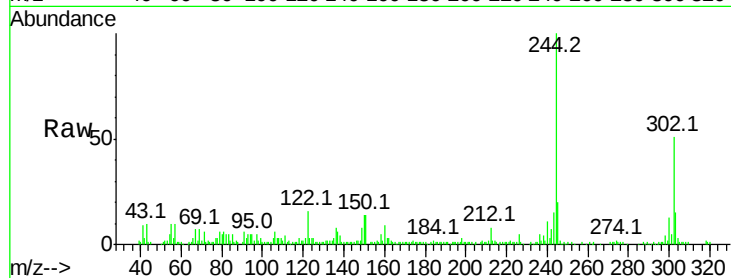
ClientSampleId :

EO-01-092817

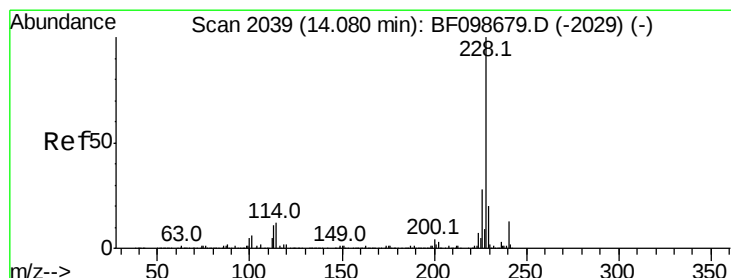
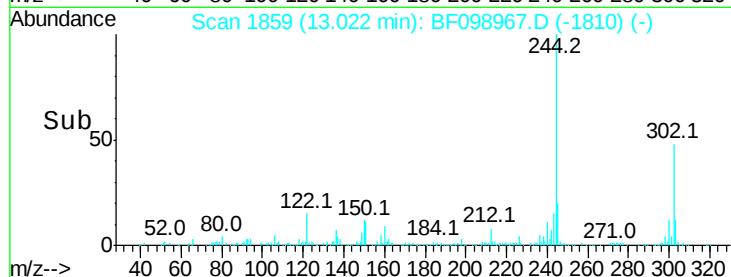
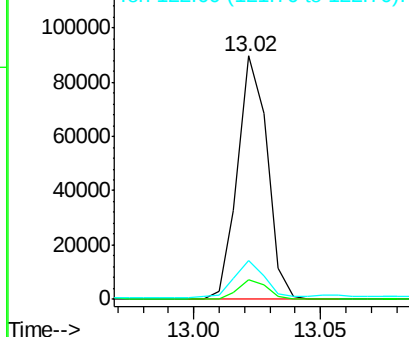
Tot Ion:	244	Resp:	72867
Ion Ratio	Lower	Upper	
244	100		
212	8.1	5.4	8.0#
122	15.7	11.0	16.4

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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



#80

Benzo(a)anthracene

Concen: 2.007 ng

RT: 14.07 min Scan# 2037

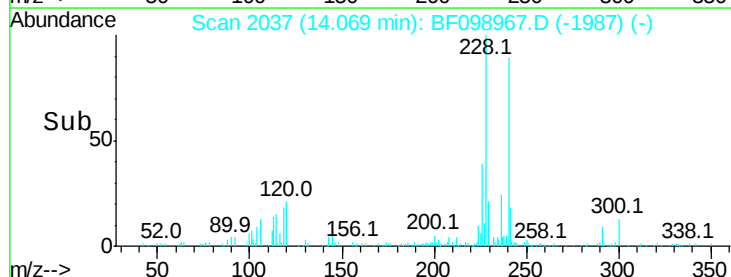
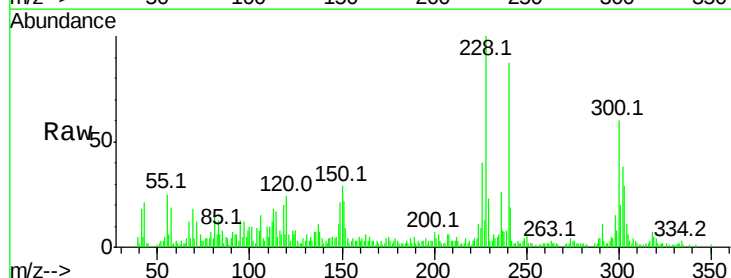
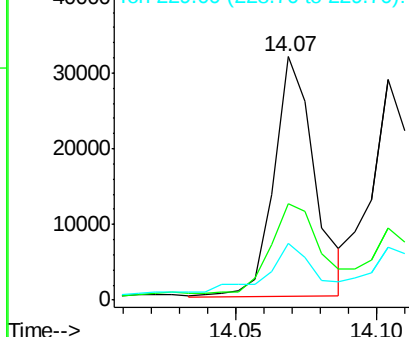
Delta R.T. -0.01 min

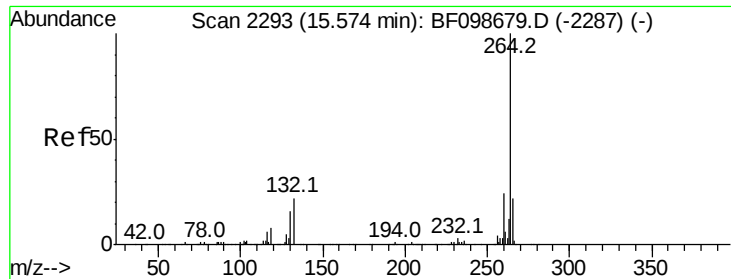
Lab File: BF098967.D

Acq: 30 Sep 2017 17:19

Tgt Ion:	228	Resp:	31718
Ion Ratio	Lower	Upper	
228	100		
226	39.8	22.6	33.8#
229	23.2	15.8	23.6

Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





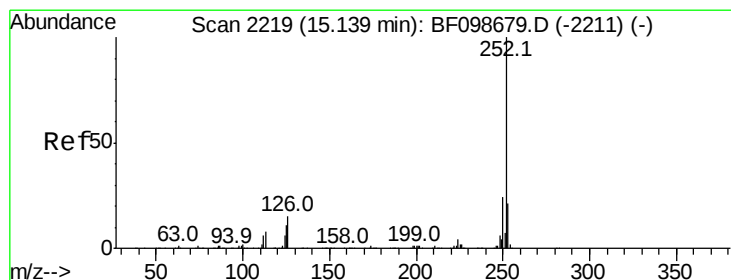
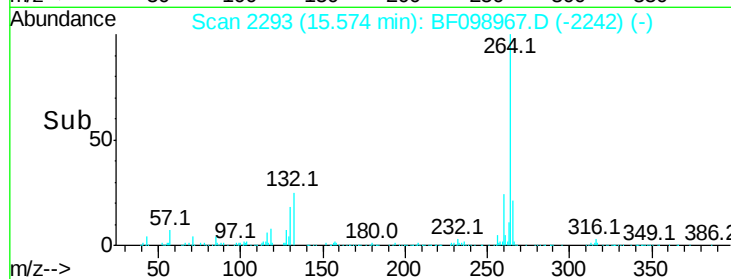
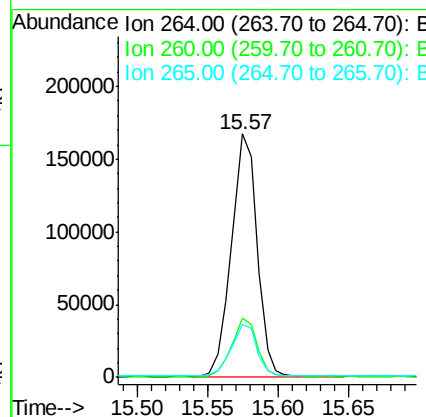
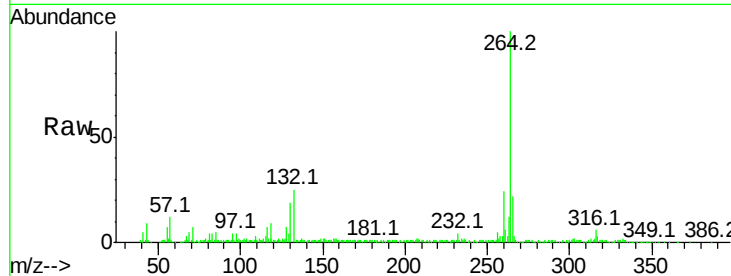
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.57 min Scan# 2293
Delta R.T. 0.00 min
Lab File: BF098967.D
Acq: 30 Sep 2017 17:19

Instrument :
BNA_F
ClientSampleId :
EO-01-092817

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	21.8	17.5	26.3

Manual Integrations
APPROVED

Sohil
10/2/2017 5:44:24 PM



#87
Benzo(b)fluoranthene
Concen: 2.700 ng m
RT: 15.13 min Scan# 2218
Delta R.T. -0.01 min
Lab File: BF098967.D
Acq: 30 Sep 2017 17:19

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.3	17.0	25.6#
125	32.3	9.0	13.6#

