

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111517\
 Data File : BF100581.D
 Acq On : 15 Nov 2017 12:08
 Operator : SJ/JU
 Sample : I6307-05 10X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-02-111017-C

Manual Integrations
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SOHIL
 11/16/2017 6:18:23 PM

Quant Time: Nov 15 13:47:31 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 15 13:27:38 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	120479	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	471854	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	207538	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	353676	20.00	ng	0.00
75) Chrysene-d12	14.04	240	236751	20.00	ng	-0.01
86) Perylene-d12	15.52	264	269076	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	91663	12.20	ng	-0.01
7) Phenol-d6	6.49	99	112836	12.17	ng	-0.02
23) Nitrobenzene-d5	7.44	82	64443	9.03	ng	-0.01
41) 2,4,6-Tribromophenol	10.70	330	24340	11.51	ng	-0.02
44) 2-Fluorobiphenyl	9.23	172	141199	10.36	ng	-0.01
78) Terphenyl-d14	12.98	244	94894	9.21	ng	-0.01
Target Compounds						
70) Phenanthrene	11.43	178	77680	4.172	ng	97
74) Fluoranthene	12.61	202	70649	3.580	ng	95
77) Pyrene	12.84	202	55466	3.287	ng	98

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

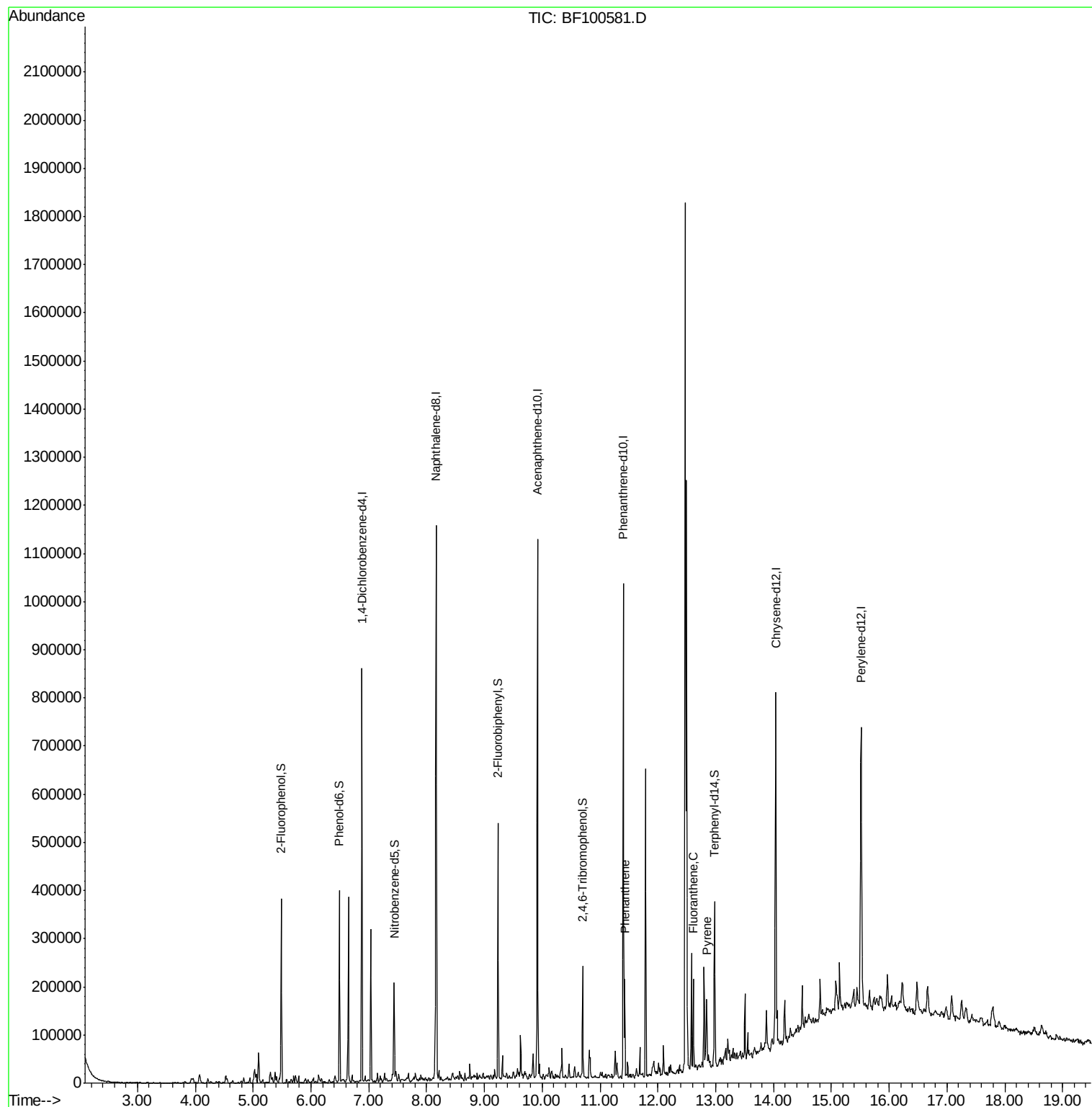
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111517\
Data File : BF100581.D
Acq On : 15 Nov 2017 12:08
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Sample : I6307-05 10X
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ALS Vial : 5 Sample Multiplier: 1

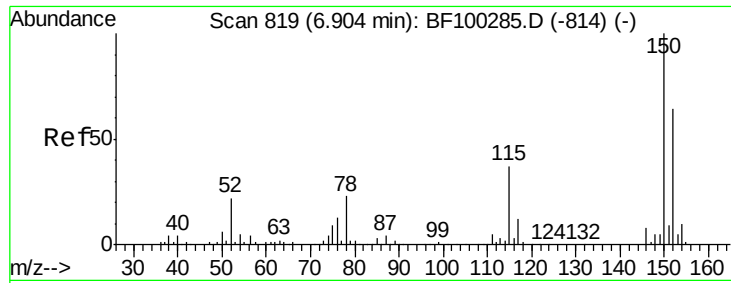
Instrument :
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EO-02-111017-C

Manual Integrations
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11/16/2017 6:18:23 PM

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#1

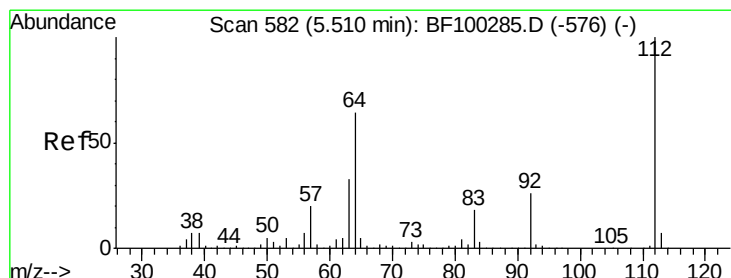
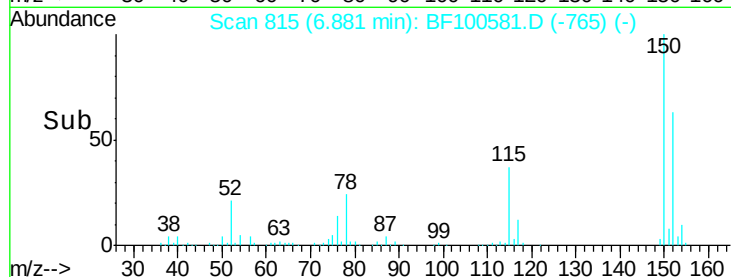
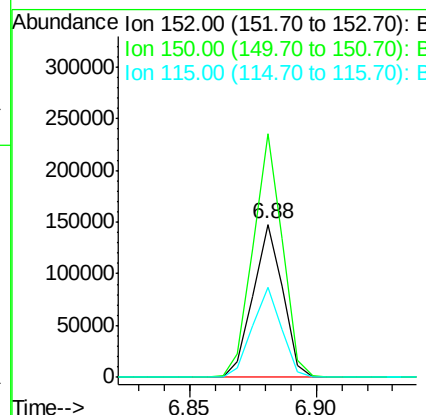
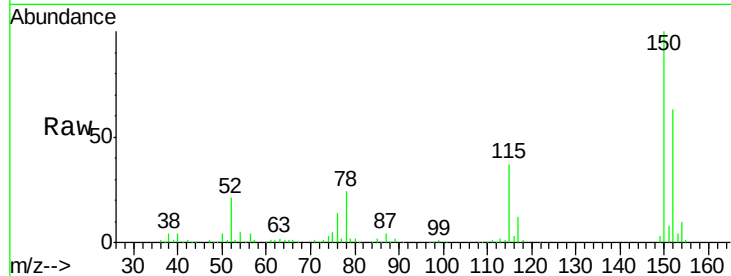
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF100581.D
Acq: 15 Nov 2017 12:08

Instrument :
BNA_F
ClientSampleId :
EO-02-111017-C

Tgt Ion	Ratio	Lower	Upper
152	100		
150	159.3	124.6	186.8
115	58.5	50.1	75.1

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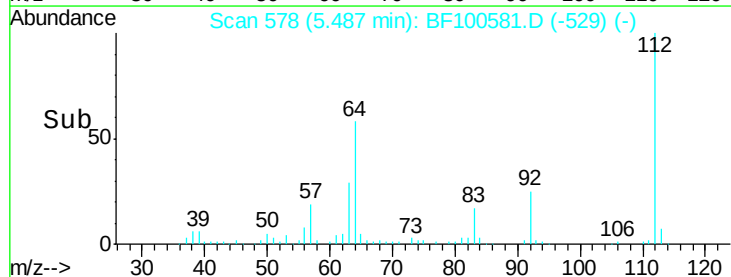
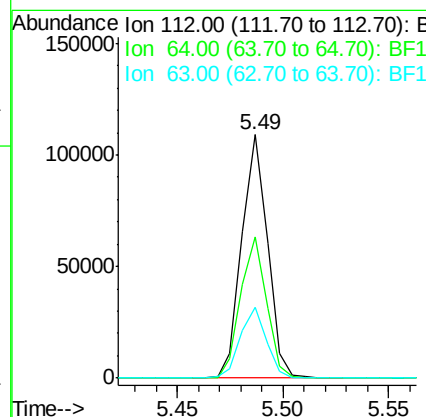
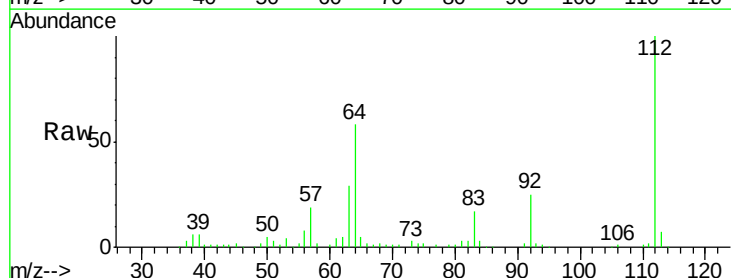
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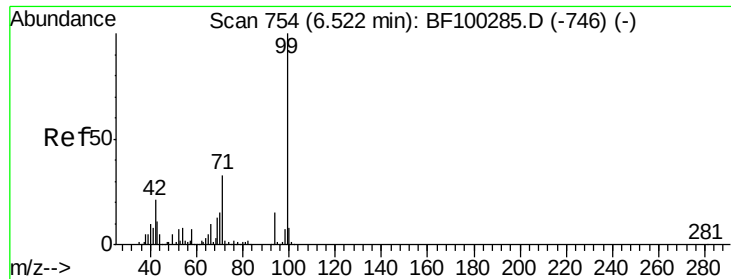


#5

2-Fluorophenol
Concen: 12.196 ng
RT: 5.49 min Scan# 578
Delta R.T. -0.01 min
Lab File: BF100581.D
Acq: 15 Nov 2017 12:08

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.0	47.9	71.9
63	29.1	23.7	35.5





#7

Phenol-d6

Concen: 12.175 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.02 min

Lab File: BF100581.D

Acq: 15 Nov 2017 12:08

Instrument :

BNA_F

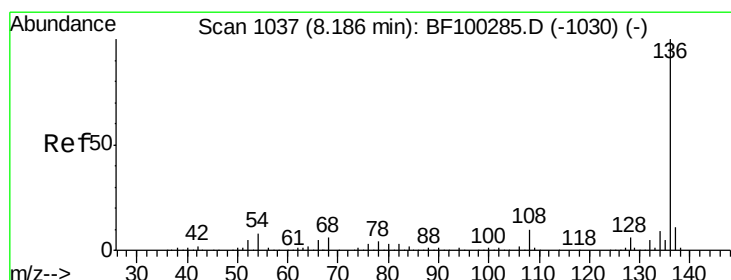
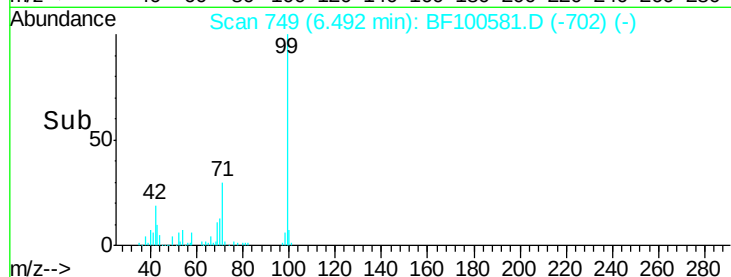
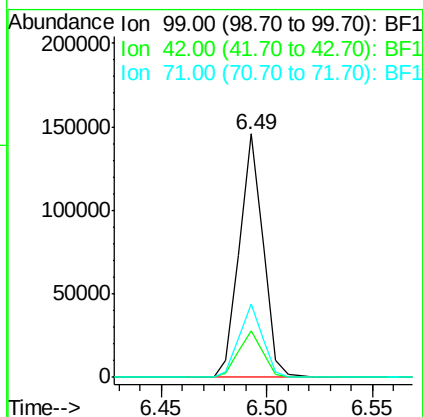
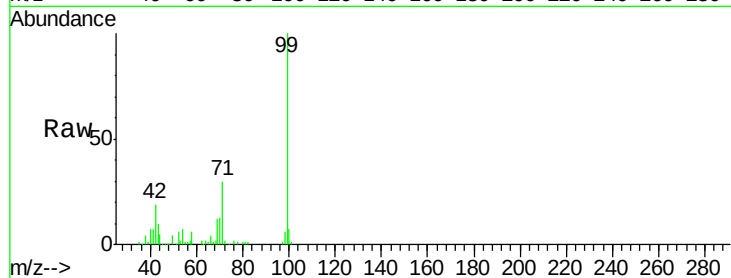
ClientSampleId :

EO-02-111017-C

Tgt Ion:	99	Resp:	112836
Ion Ratio	Lower	Upper	
99	100		
42	19.0	14.5	21.7
71	30.4	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

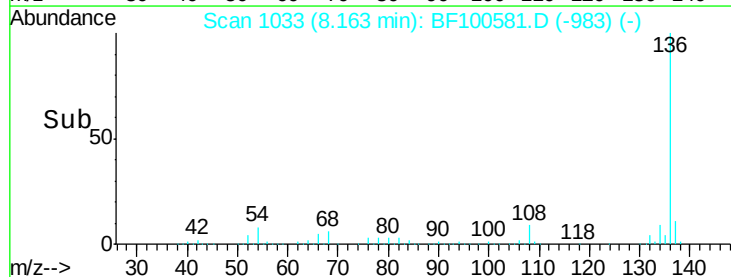
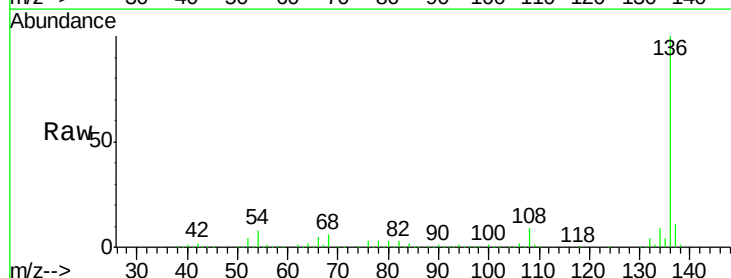
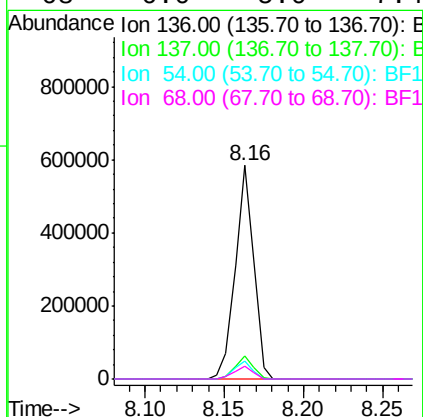
RT: 8.16 min Scan# 1033

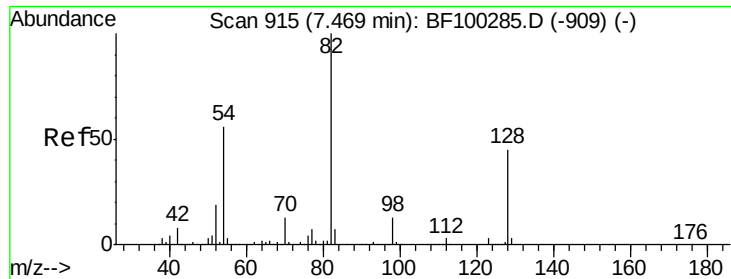
Delta R.T. -0.01 min

Lab File: BF100581.D

Acq: 15 Nov 2017 12:08

Tgt Ion:	136	Resp:	471854
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.9	13.3
54	8.4	6.6	9.8
68	6.0	5.0	7.4





#23

Nitrobenzene-d5

Concen: 9.029 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.01 min

Lab File: BF100581.D

Acq: 15 Nov 2017 12:08

Instrument :

BNA_F

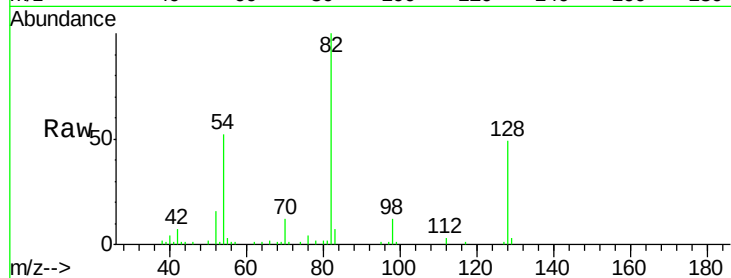
ClientSampleId :

EO-02-111017-C

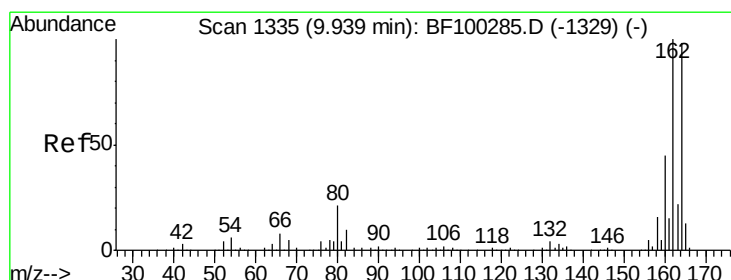
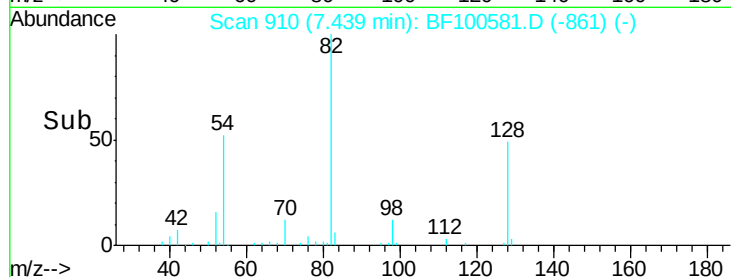
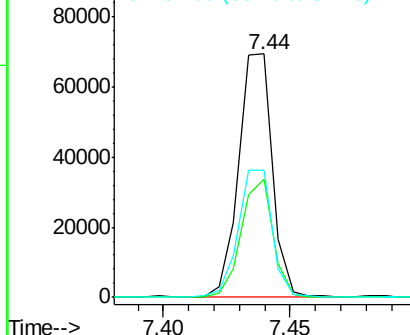
Tgt Ion:	82	Resp:	64443
Ion Ratio	Lower	Upper	
82	100		
128	48.6	36.1	54.1
54	52.3	41.4	62.2

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



#38

Acenaphthene-d10

Concen: 20.000 ng

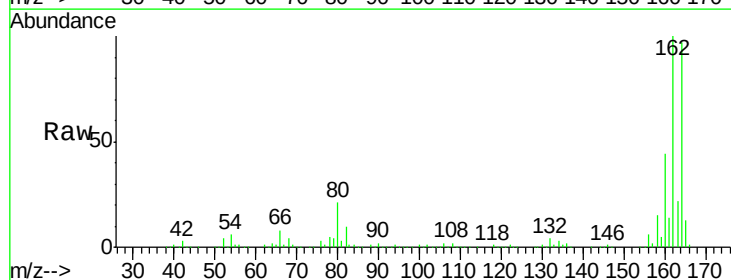
RT: 9.92 min Scan# 1331

Delta R.T. -0.01 min

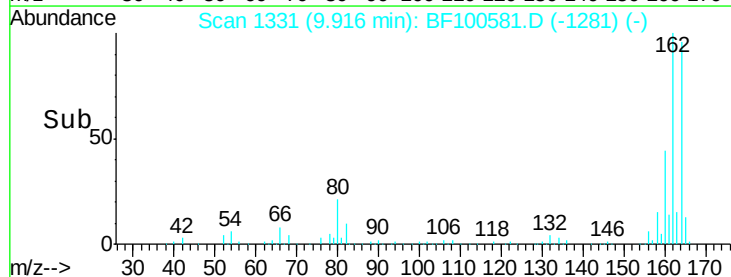
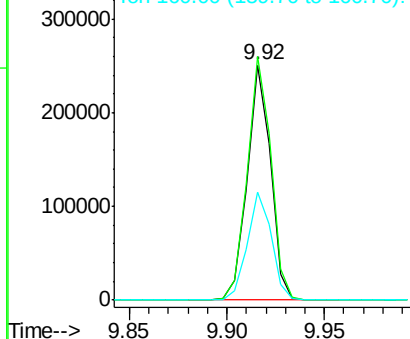
Lab File: BF100581.D

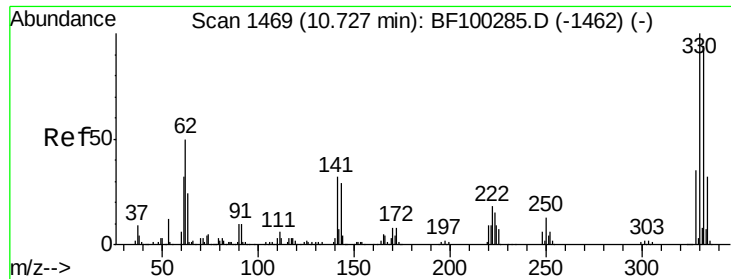
Acq: 15 Nov 2017 12:08

Tgt Ion:	164	Resp:	207538
Ion Ratio	Lower	Upper	
164	100		
162	103.5	86.1	129.1
160	46.0	38.3	57.5



Abundance Ion 164.00 (163.70 to 164.70): BF1
Ion 162.00 (161.70 to 162.70): BF1
Ion 160.00 (159.70 to 160.70): BF1





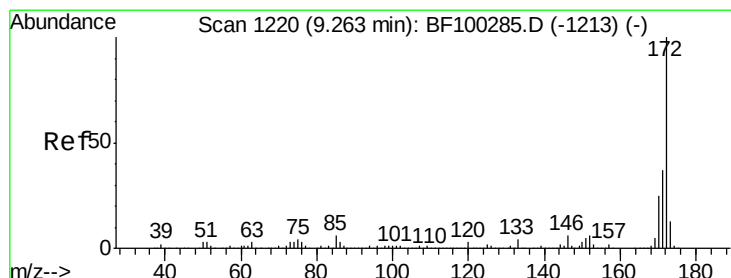
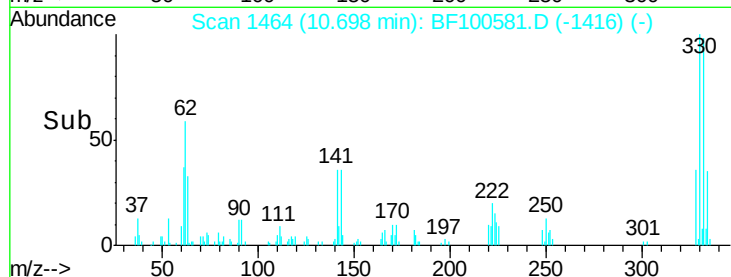
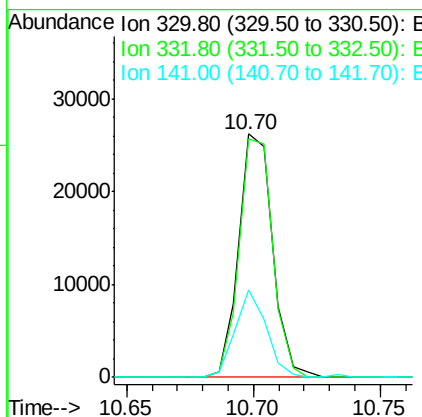
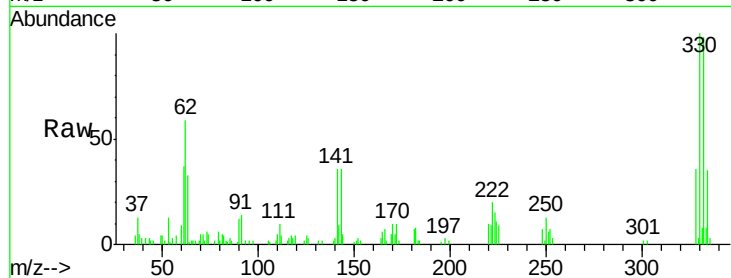
#41
 2,4,6-Tribromophenol
 Concen: 11.509 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.02 min
 Lab File: BF100581.D
 Acq: 15 Nov 2017 12:08

Instrument :
 BNA_F
 ClientSampled :
 EO-02-111017-C

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	24340		
332	96.8	77.0	115.6	
141	33.2	29.9	44.9	

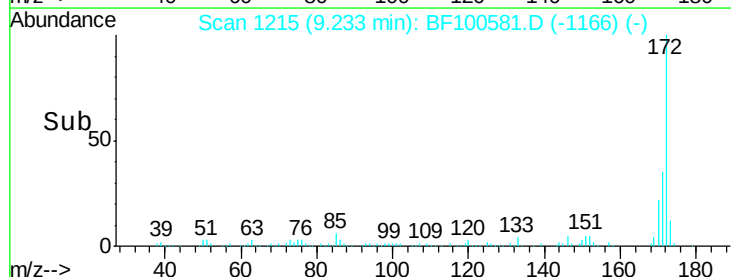
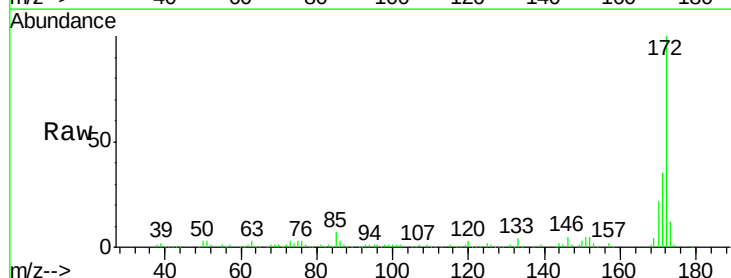
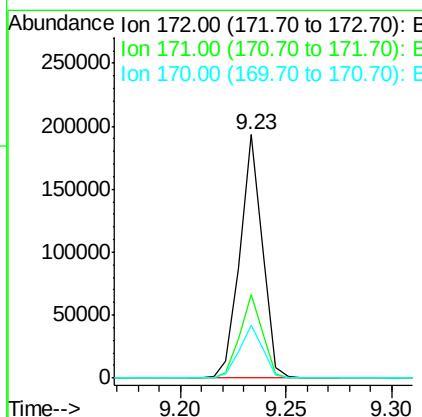
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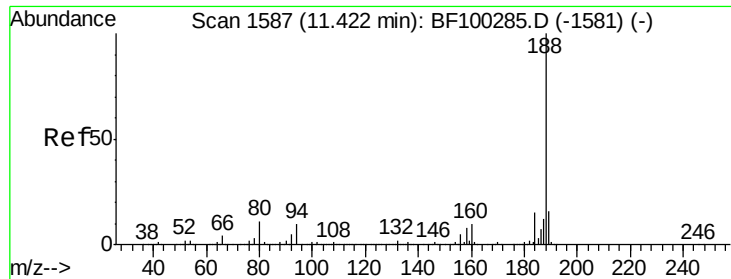
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#44
 2-Fluorobiphenyl
 Concen: 10.360 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BF100581.D
 Acq: 15 Nov 2017 12:08

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	141199		
171	34.5	29.7	44.5	
170	21.8	19.6	29.4	





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.40 min Scan# 1584

Delta R.T. -0.01 min

Lab File: BF100581.D

Acq: 15 Nov 2017 12:08

Instrument :

BNA_F

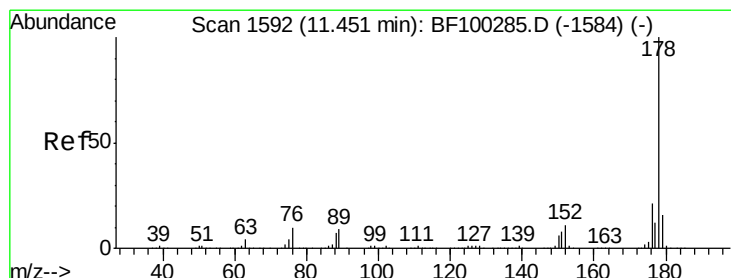
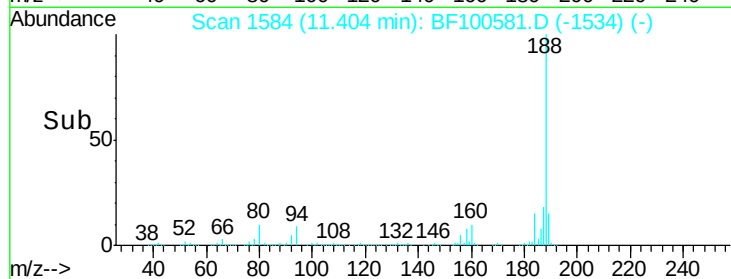
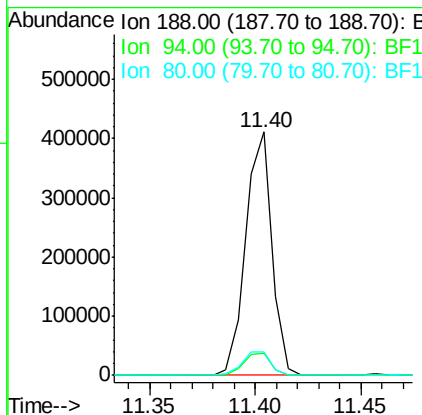
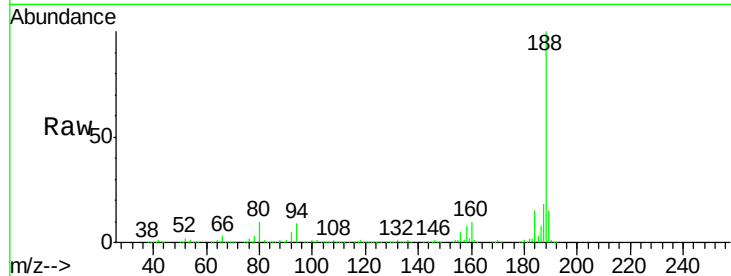
ClientSampleId :

EO-02-111017-C

Tgt Ion:	188	Resp:	353676
Ion Ratio	Lower	Upper	
188	100		
94	9.3	8.5	12.7
80	9.7	9.2	13.8

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#70

Phenanthrene

Concen: 4.172 ng

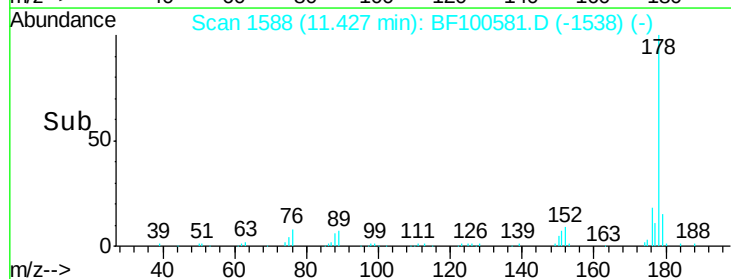
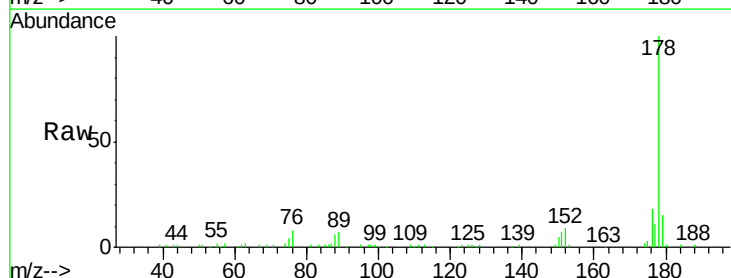
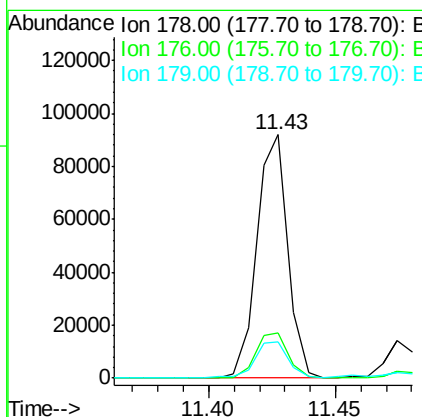
RT: 11.43 min Scan# 1588

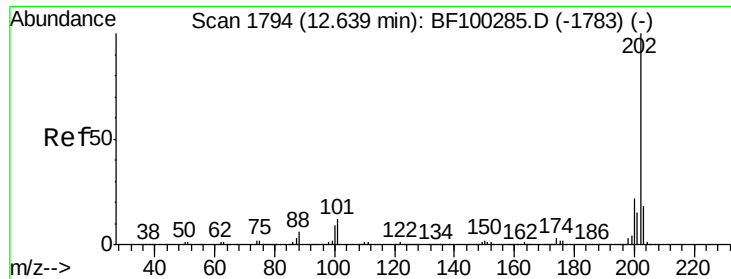
Delta R.T. -0.01 min

Lab File: BF100581.D

Acq: 15 Nov 2017 12:08

Tgt Ion:	178	Resp:	77680
Ion Ratio	Lower	Upper	
178	100		
176	18.4	15.8	23.8
179	15.1	13.0	19.6





#74

Fluoranthene

Concen: 3.580 ng

RT: 12.61 min Scan# 1789

Delta R.T. -0.01 min

Lab File: BF100581.D

Acq: 15 Nov 2017 12:08

Instrument :

BNA_F

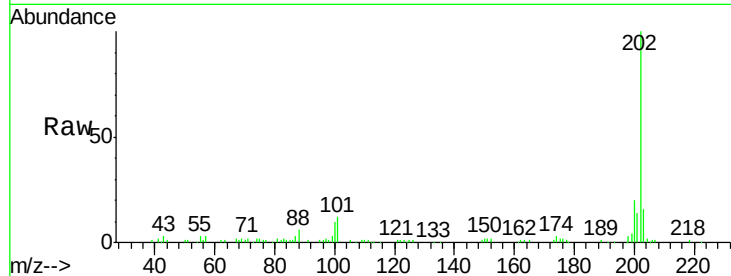
ClientSampled :

EO-02-111017-C

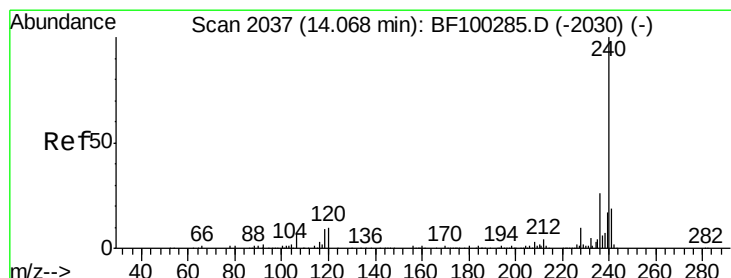
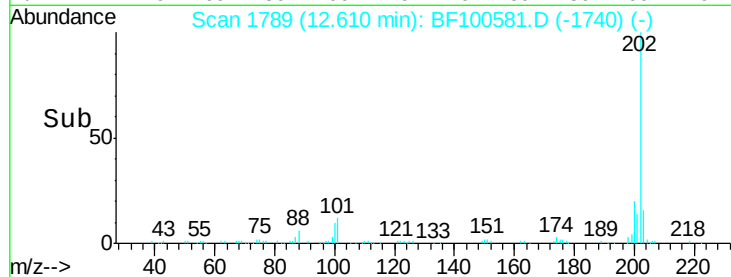
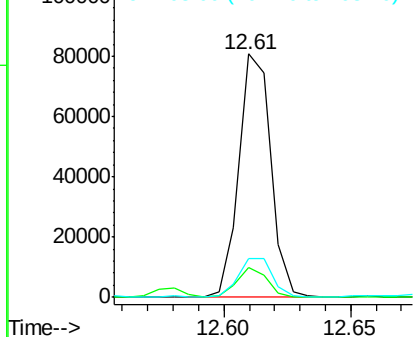
Tgt	Ion	202	Resp:	70649
Ion	Ratio	Lower	Upper	
202	100			
101	12.0	0.0	34.1	
203	15.9	0.0	38.1	

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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: 20.000 ng

RT: 14.04 min Scan# 2032

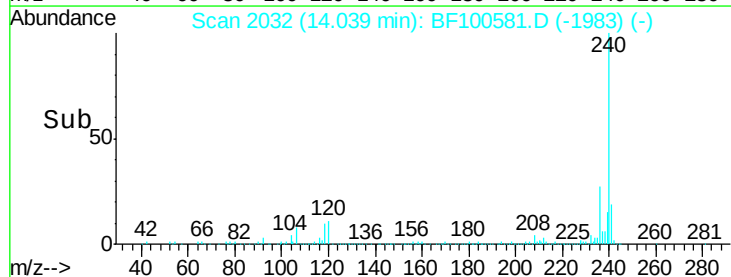
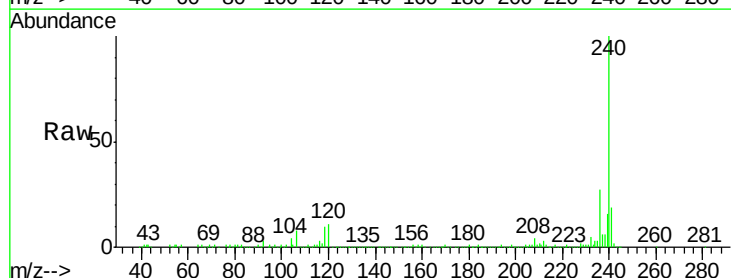
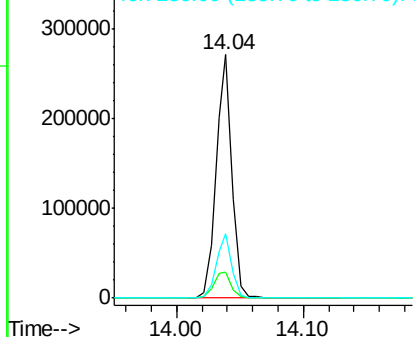
Delta R.T. -0.01 min

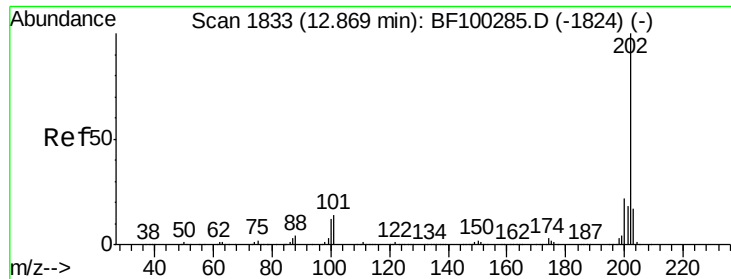
Lab File: BF100581.D

Acq: 15 Nov 2017 12:08

Tgt	Ion	240	Resp:	236751
Ion	Ratio	Lower	Upper	
240	100			
120	10.8	9.5	14.3	
236	26.5	20.7	31.1	

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

Pyrene

Concen: 3.287 ng

RT: 12.84 min Scan# 1828

Delta R.T. -0.01 min

Lab File: BF100581.D

Acq: 15 Nov 2017 12:08

Instrument :

BNA_F

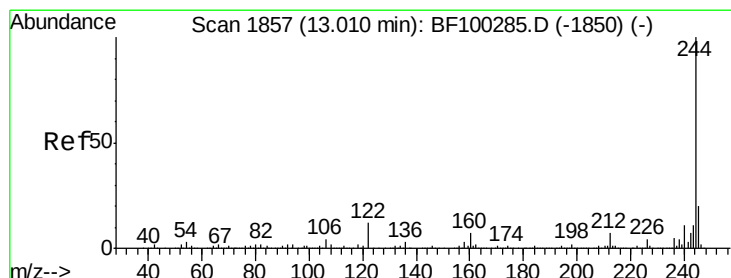
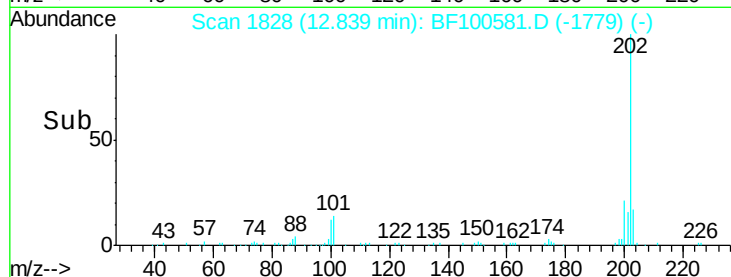
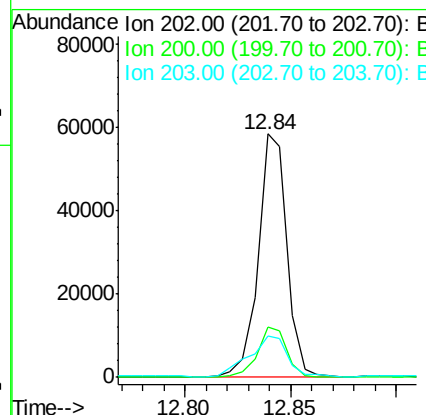
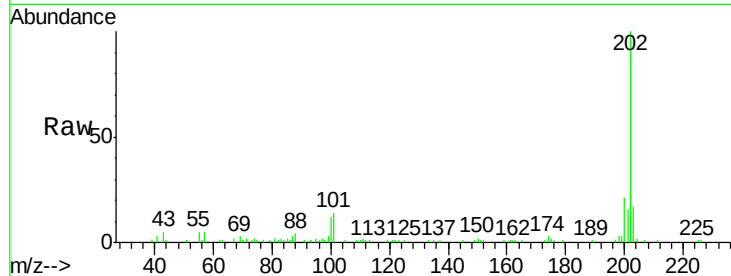
ClientSampleId :

EO-02-111017-C

Tgt Ion:	202	Resp:	55466
Ion Ratio	Lower	Upper	
202	100		
200	20.6	17.4	26.2
203	17.2	14.3	21.5

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#78

Terphenyl-d14

Concen: 9.210 ng

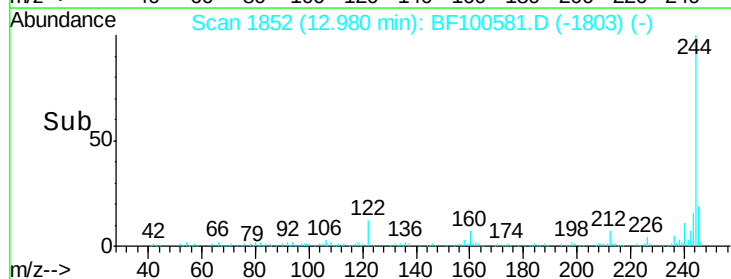
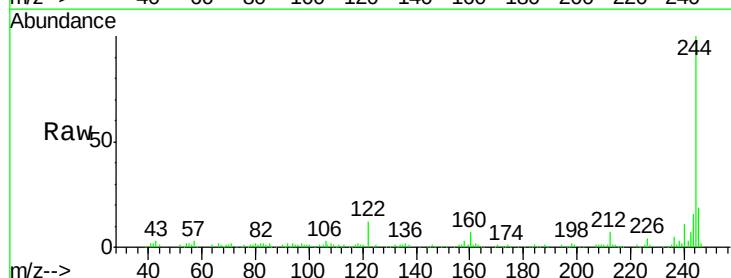
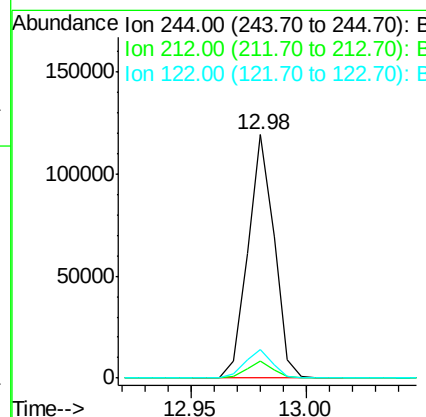
RT: 12.98 min Scan# 1852

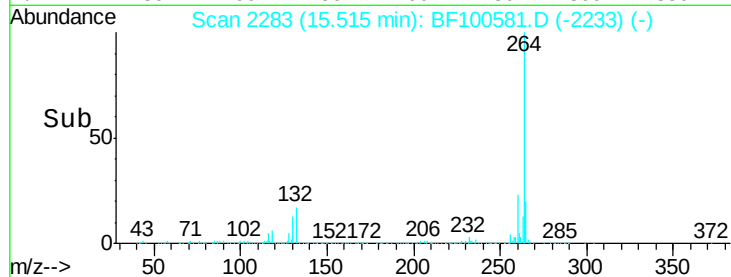
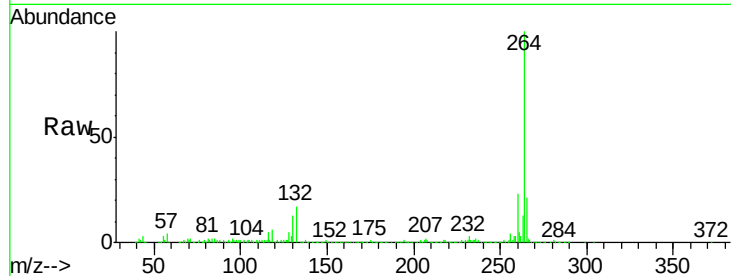
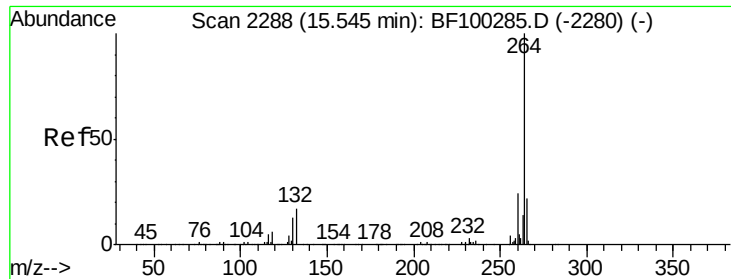
Delta R.T. -0.01 min

Lab File: BF100581.D

Acq: 15 Nov 2017 12:08

Tgt Ion:	244	Resp:	94894
Ion Ratio	Lower	Upper	
244	100		
212	6.9	5.4	8.0
122	11.5	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2283
Delta R.T. -0.01 min
Lab File: BF100581.D
Acq: 15 Nov 2017 12:08

Instrument :
BNA_F
ClientSampleId :
EO-02-111017-C

Tgt	Ion	Ratio	Resp	Lower	Upper
264	100		269076		
260	23.3	19.2	28.8		
265	20.6	17.5	26.3		

Manual Integrations
APPROVED

SOHIL
11/16/2017 6:18:23 PM

