

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120617\
 Data File : BF101171.D
 Acq On : 6 Dec 2017 16:51
 Operator : SJ/JU
 Sample : I6683-01 10X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-01-120517-A

Manual Integrations
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Sohil
 12/7/2017 11:35:47 AM

Quant Time: Dec 06 18:23:11 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 04 13:07:49 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	43603	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	167906	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	78170	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	135701	20.00	ng	0.00
75) Chrysene-d12	14.02	240	95896	20.00	ng	0.00
86) Perylene-d12	15.50	264	97964	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	29995	11.37	ng	0.00
7) Phenol-d6	6.47	99	34822	10.87	ng	0.00
23) Nitrobenzene-d5	7.41	82	20822	7.40	ng	0.00
41) 2,4,6-Tribromophenol	10.67	330	8237	8.77	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	49397	8.65	ng	-0.01
78) Terphenyl-d14	12.96	244	36994	8.44	ng	0.00
Target Compounds						
70) Phenanthrene	11.40	178	24740	3.311	ng	98
74) Fluoranthene	12.59	202	17779	2.146	ng	98
77) Pyrene	12.82	202	25577	3.865	ng	98

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

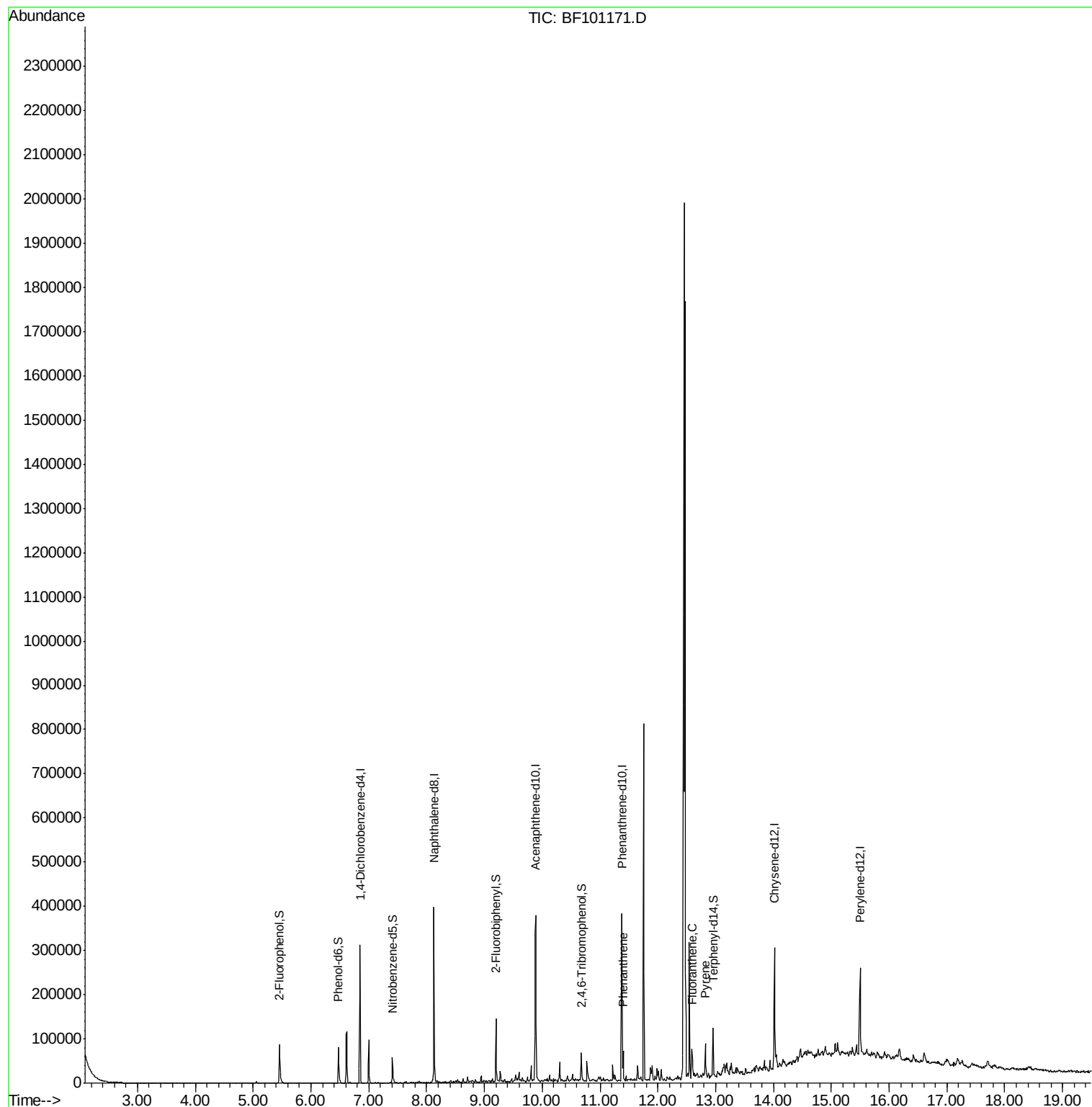
Data Path : Z:\HPCHEM1\BNA F\DATA\BF120617\
Data File : BF101171.D
Acq On : 6 Dec 2017 16:51
Operator : SJ/JU
Sample : I6683-01 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

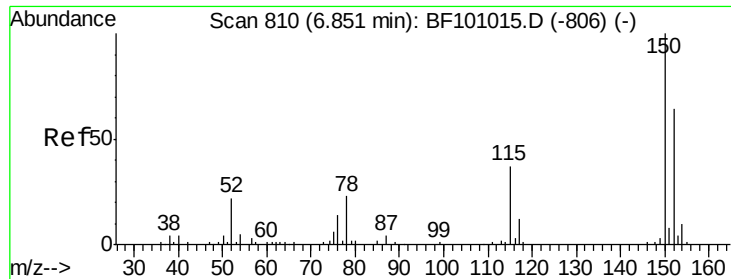
Instrument :
BNA_F
ClientSampleId :
EO-01-120517-A

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Quant Time: Dec 06 18:23:11 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1

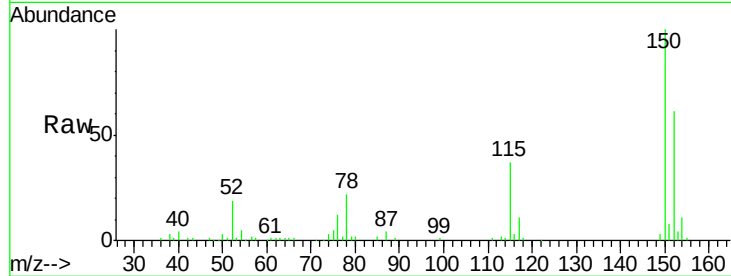
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. 0.00 min
Lab File: BF101171.D
Acq: 6 Dec 2017 16:51

Instrument :
BNA_F
ClientSampleId :
EO-01-120517-A

Tot Ion	Ratio	Lower	Upper
152	100		
150	163.5	124.6	186.8
115	60.2	50.1	75.1

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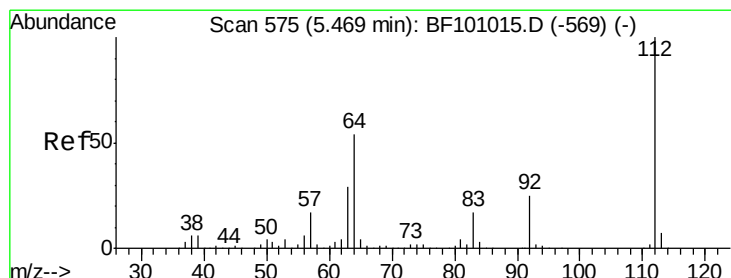
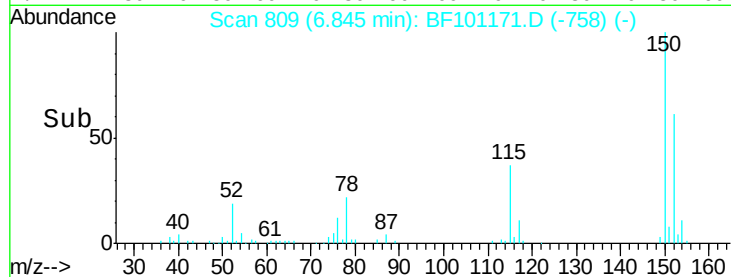
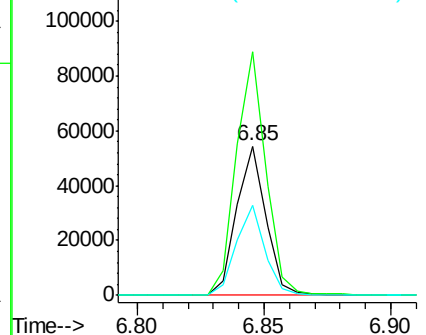


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

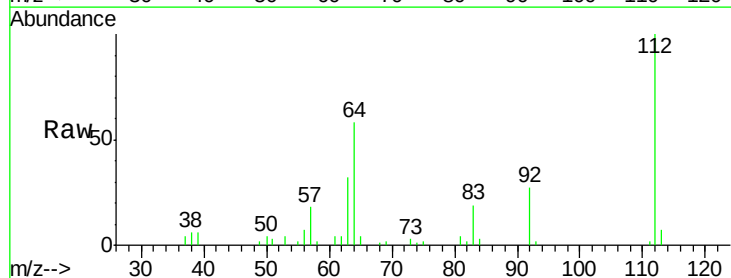
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 11.367 ng
RT: 5.46 min Scan# 573
Delta R.T. -0.01 min
Lab File: BF101171.D
Acq: 6 Dec 2017 16:51

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.2	47.9	71.9
63	31.8	23.7	35.5

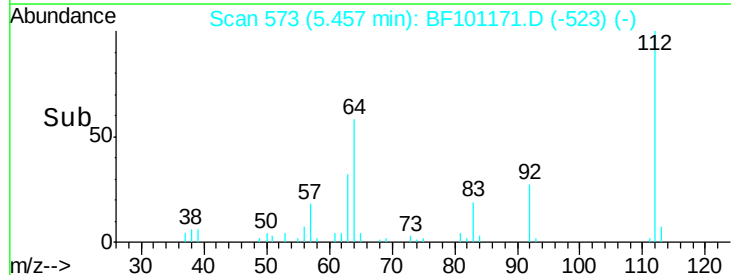
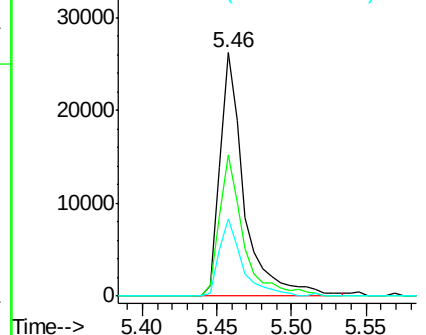


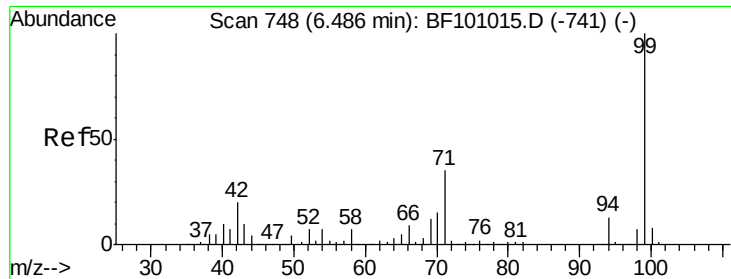
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 10.870 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF101171.D

Acq: 6 Dec 2017 16:51

Instrument :

BNA_F

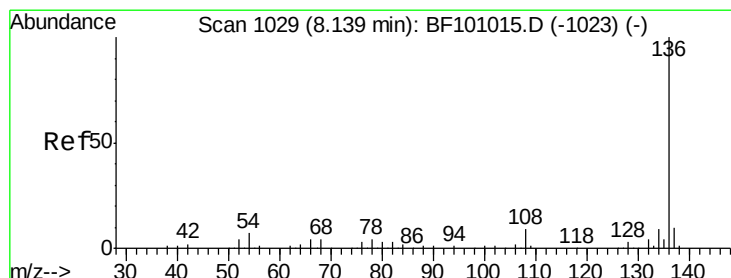
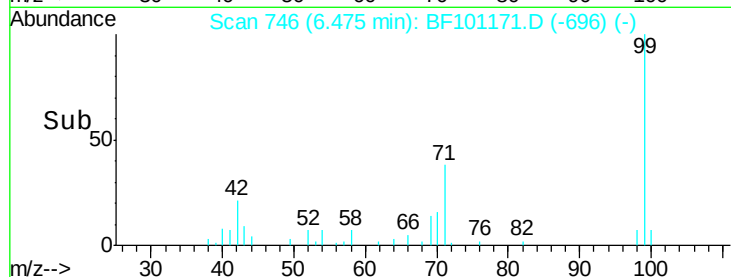
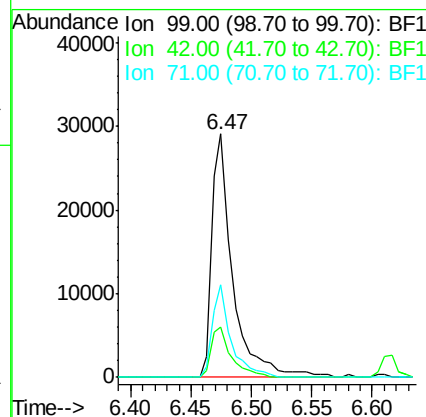
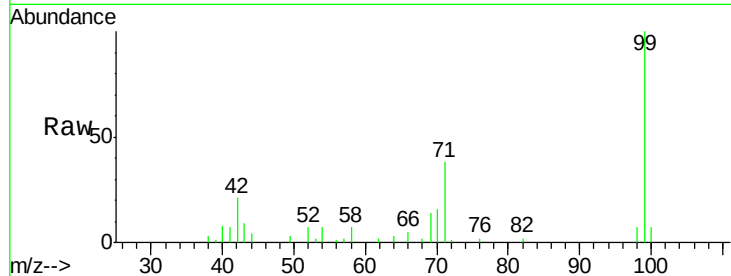
ClientSampleId :

EO-01-120517-A

Tot Ion:	99	Resp:	34822
Ion	Ratio	Lower	Upper
99	100		
42	20.7	14.5	21.7
71	37.8	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

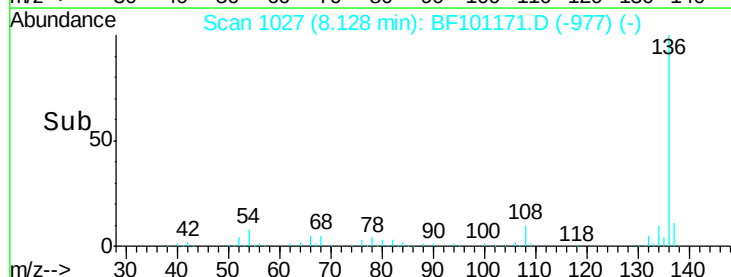
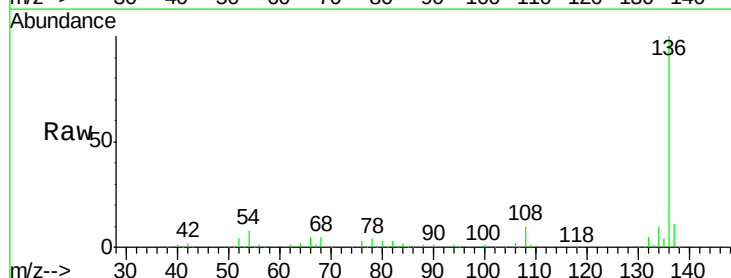
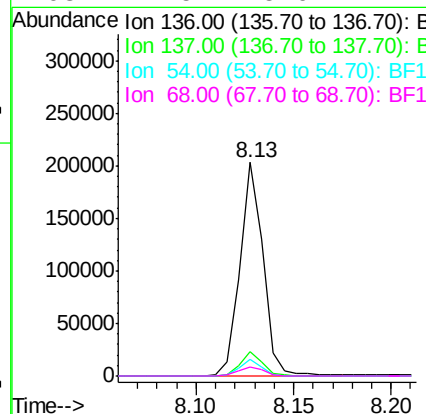
RT: 8.13 min Scan# 1027

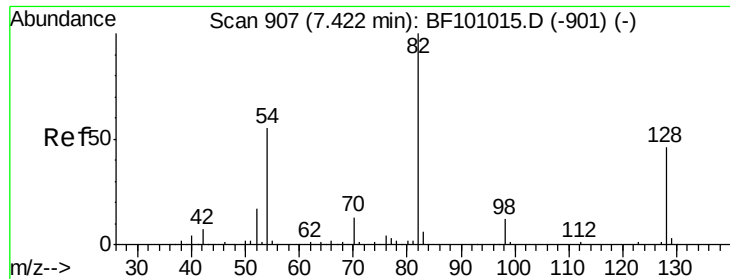
Delta R.T. -0.01 min

Lab File: BF101171.D

Acq: 6 Dec 2017 16:51

Tgt Ion:	136	Resp:	167906
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	7.6	6.6	9.8
68	4.5	5.0	7.4#





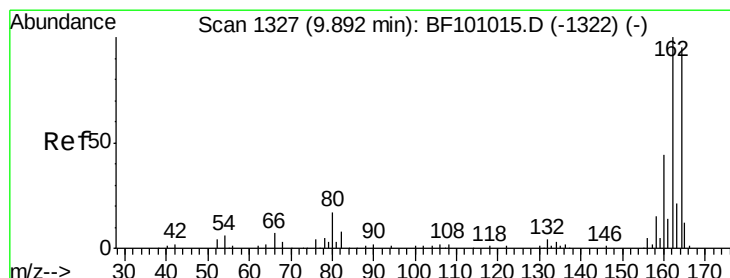
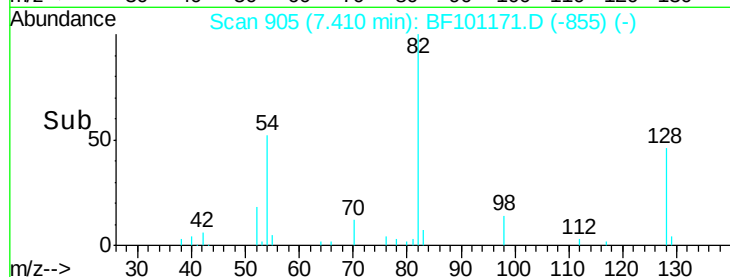
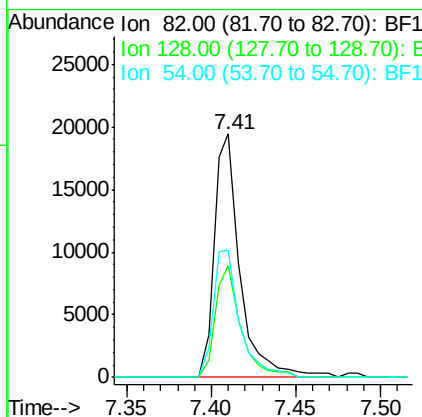
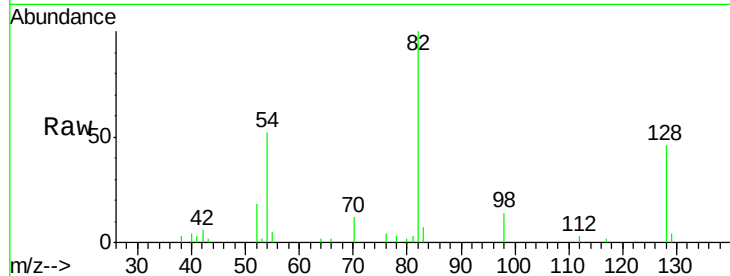
#23
 Nitrobenzene-d5
 Concen: 7.398 ng
 RT: 7.41 min Scan# 905
 Delta R.T. -0.01 min
 Lab File: BF101171.D
 Acq: 6 Dec 2017 16:51

Instrument :
 BNA_F
 ClientSampleId :
 EO-01-120517-A

Tot Ion	82	Resp	20822
Ion Ratio	Lower	Upper	
82	100		
128	46.1	36.1	54.1
54	52.3	41.4	62.2

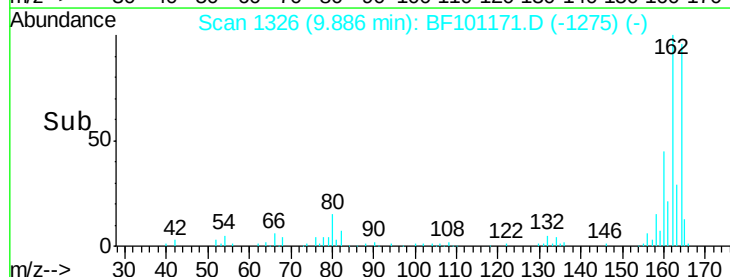
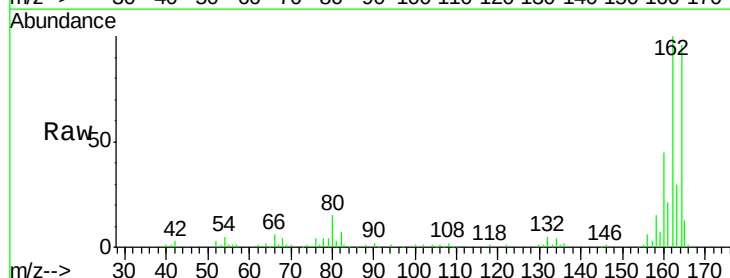
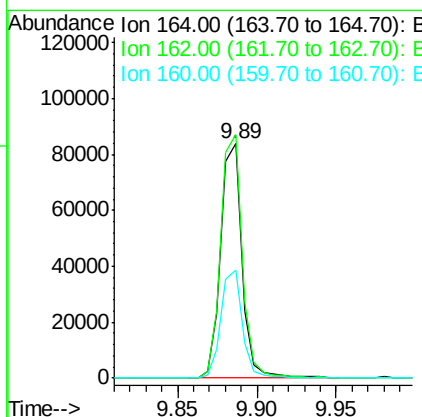
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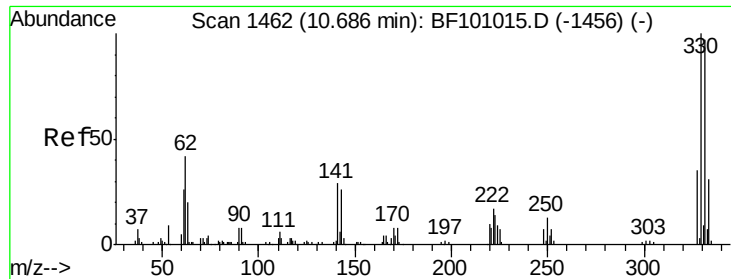
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. 0.00 min
 Lab File: BF101171.D
 Acq: 6 Dec 2017 16:51

Tgt Ion	164	Resp	78170
Ion Ratio	Lower	Upper	
164	100		
162	104.0	86.1	129.1
160	46.4	38.3	57.5





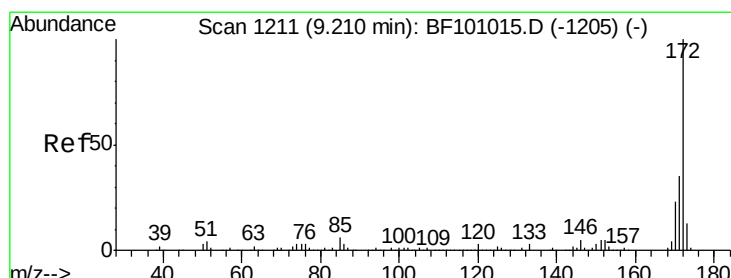
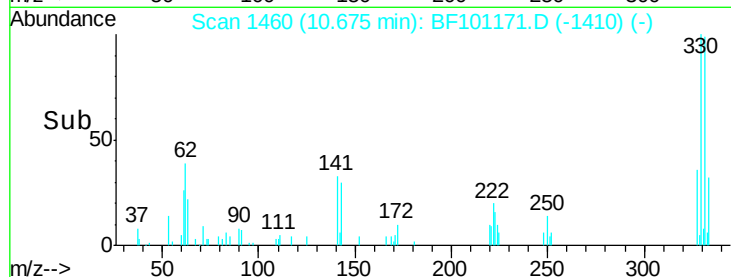
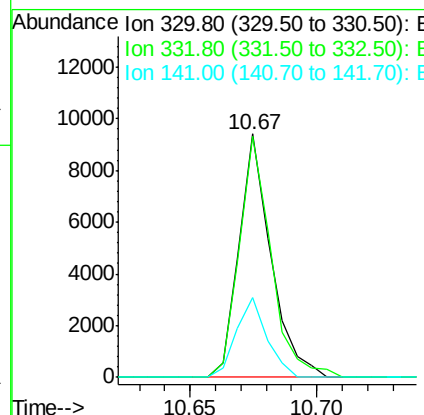
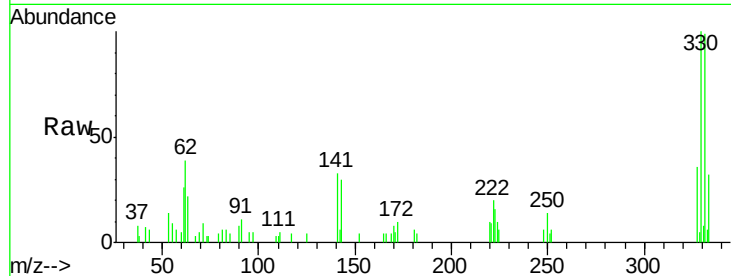
#41
 2,4,6-Tribromophenol
 Concen: 8.772 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. -0.01 min
 Lab File: BF101171.D
 Acq: 6 Dec 2017 16:51

Instrument :
 BNA_F
 ClientSampleId :
 EO-01-120517-A

Tot Ion	Ratio	Resp	Lower	Upper
330	100	8237		
332	99.3		77.0	115.6
141	31.4		29.9	44.9

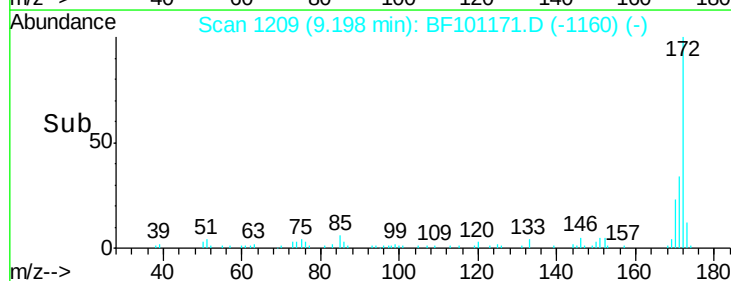
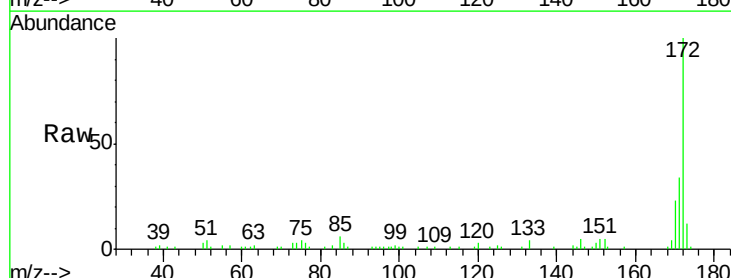
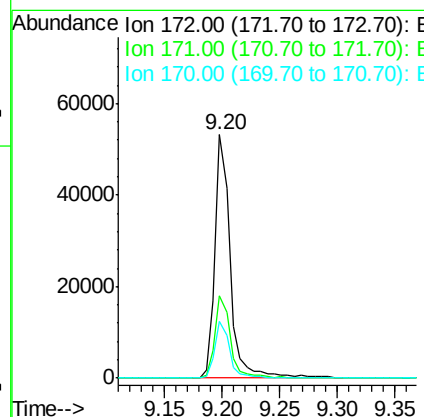
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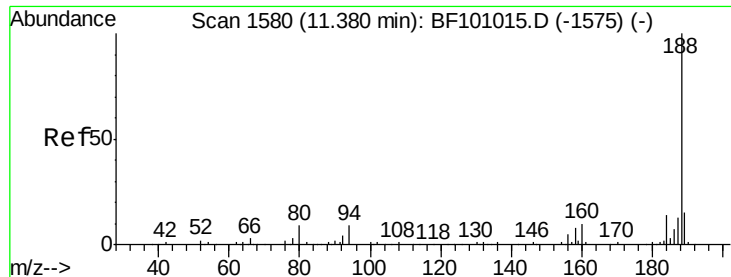
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#44
 2-Fluorobiphenyl
 Concen: 8.646 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF101171.D
 Acq: 6 Dec 2017 16:51

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	49397		
171	33.8		29.7	44.5
170	23.4		19.6	29.4





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.37 min Scan# 1579

Delta R.T. 0.00 min

Lab File: BF101171.D

Acq: 6 Dec 2017 16:51

Instrument :

BNA_F

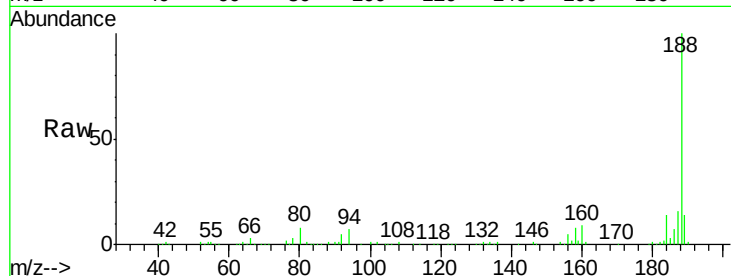
ClientSampleId :

EO-01-120517-A

Tot Ion:	188	Resp:	135701
Ion Ratio	Lower	Upper	
188	100		
94	7.1	8.5	12.7#
80	7.7	9.2	13.8#

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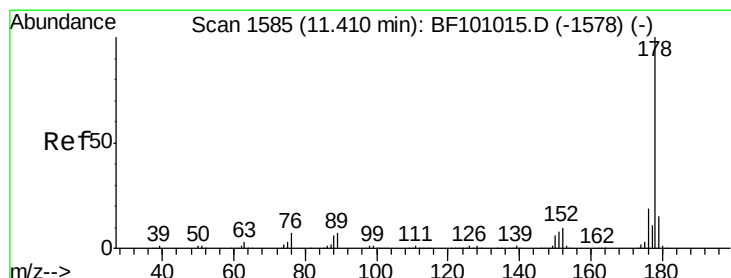
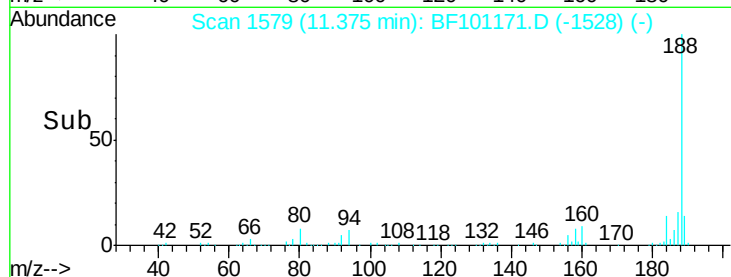
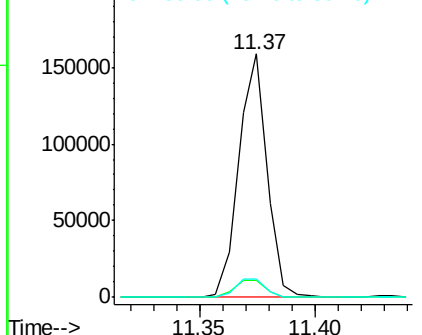
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#70

Phenanthrene

Concen: 3.311 ng

RT: 11.40 min Scan# 1583

Delta R.T. -0.01 min

Lab File: BF101171.D

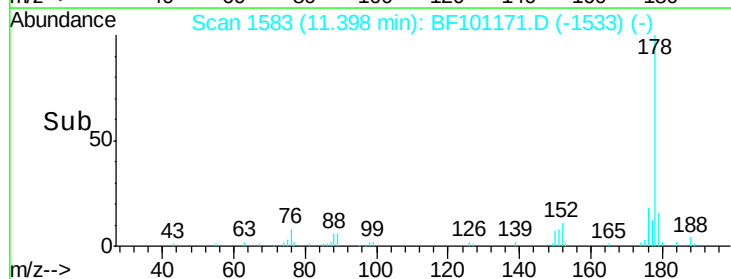
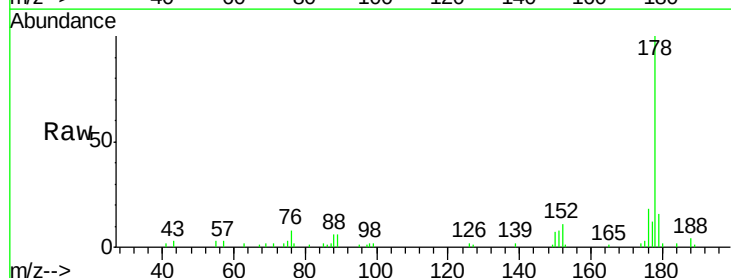
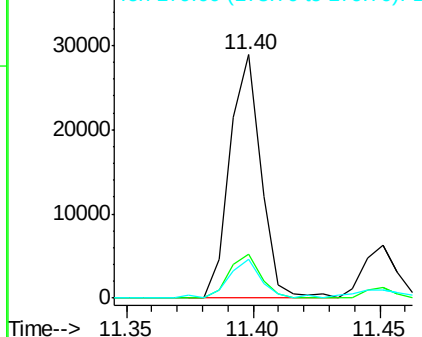
Acq: 6 Dec 2017 16:51

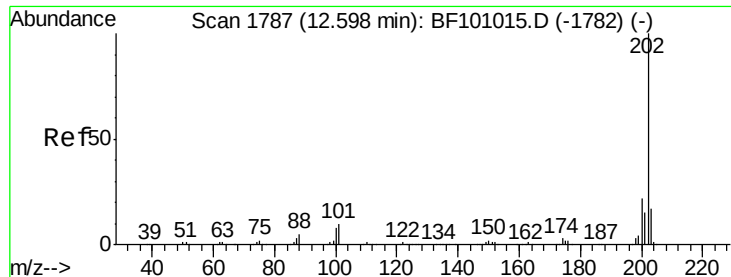
Tgt Ion:	178	Resp:	24740
Ion Ratio	Lower	Upper	
178	100		
176	17.9	15.8	23.8
179	16.1	13.0	19.6

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

Fluoranthene

Concen: 2.146 ng

RT: 12.59 min Scan# 1785

Delta R.T. -0.01 min

Lab File: BF101171.D

Acq: 6 Dec 2017 16:51

Instrument :

BNA_F

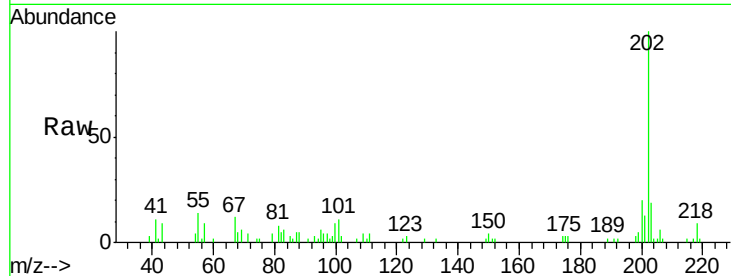
ClientSampleId :

EO-01-120517-A

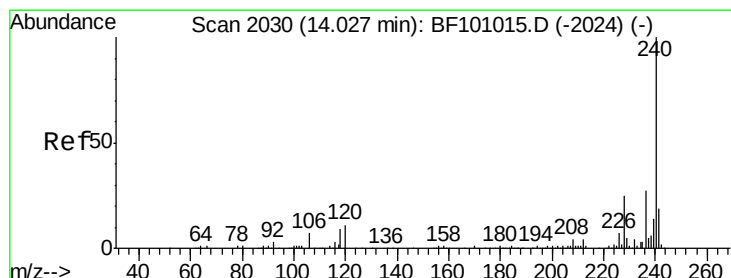
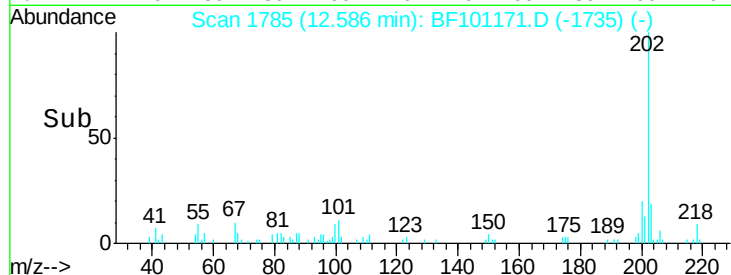
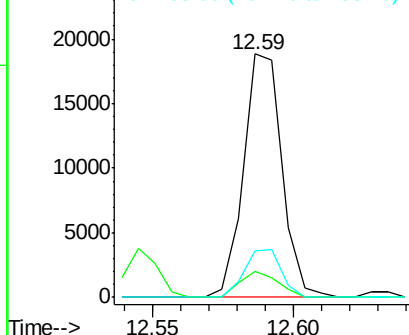
Tot Ion	Ratio	Resp	Lower	Upper
202	100	17779		
101	13.4		0.0	34.1
203	19.2		0.0	38.1

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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

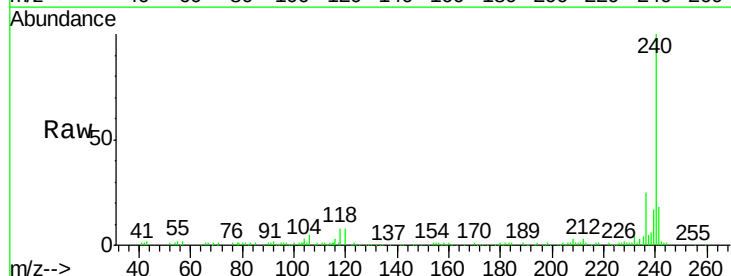
RT: 14.02 min Scan# 2029

Delta R.T. 0.00 min

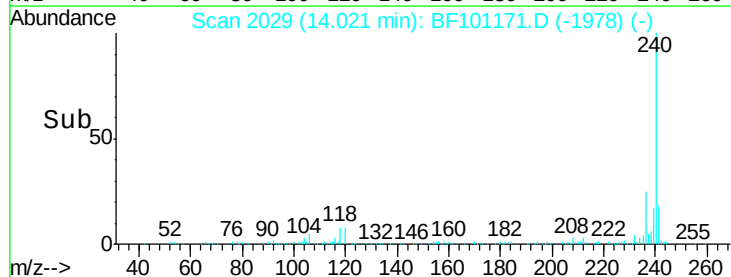
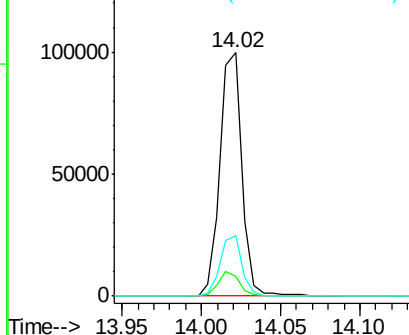
Lab File: BF101171.D

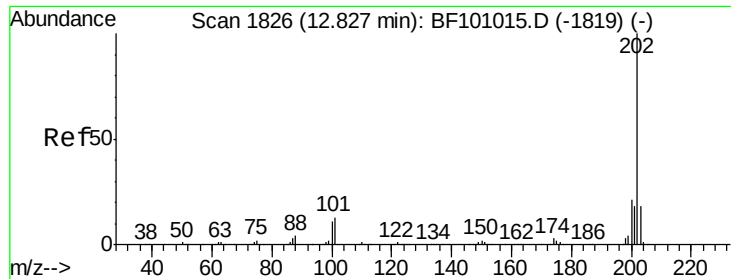
Acq: 6 Dec 2017 16:51

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	95896		
120	7.9		9.5	14.3#
236	24.8		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

Pvrene

Concen: 3.865 ng

RT: 12.82 min Scan# 1825

Delta R.T. 0.00 min

Lab File: BF101171.D

Acq: 6 Dec 2017 16:51

Instrument :

BNA_F

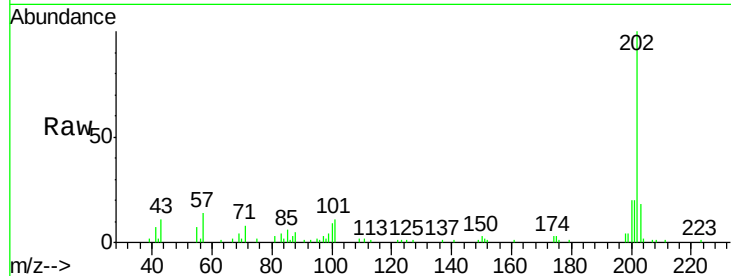
ClientSampleId :

EO-01-120517-A

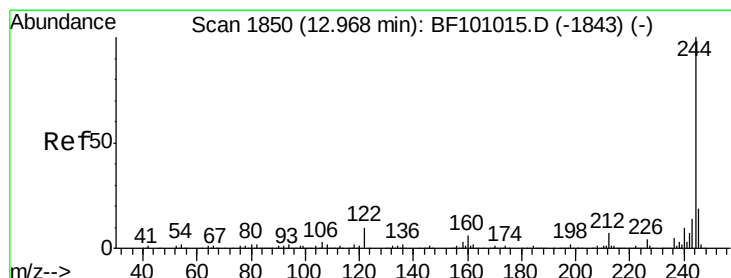
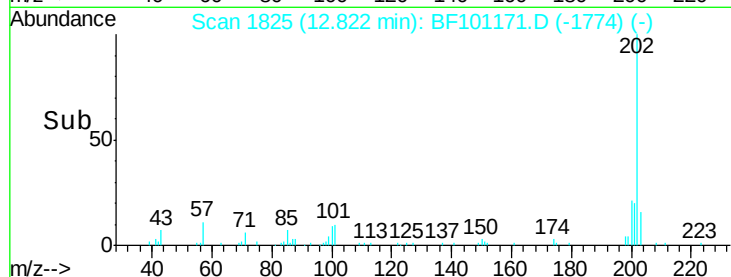
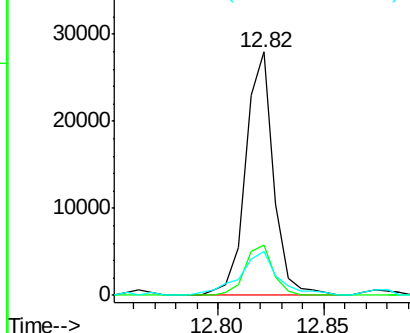
Tot Ion:	202	Resp:	25577
Ion Ratio		Lower	Upper
202	100		
200	20.4	17.4	26.2
203	18.2	14.3	21.5

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 8.438 ng

RT: 12.96 min Scan# 1848

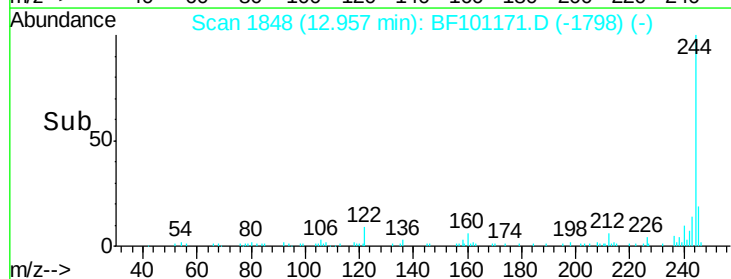
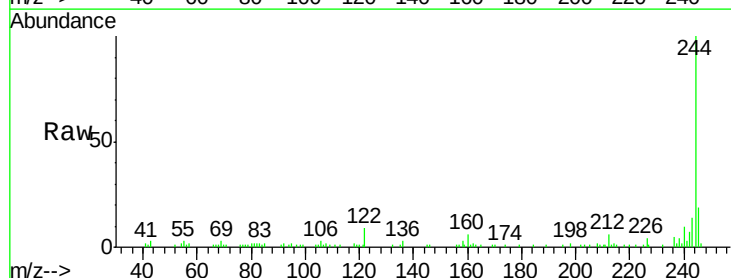
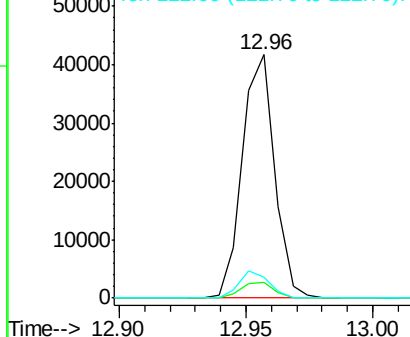
Delta R.T. -0.01 min

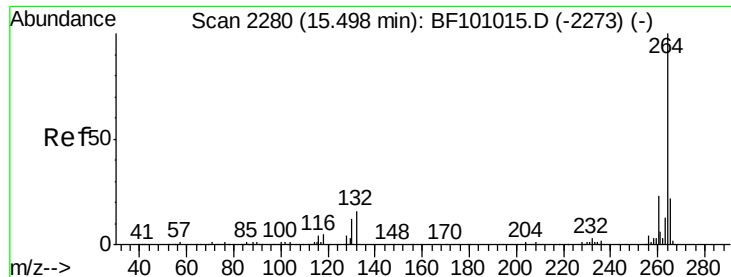
Lab File: BF101171.D

Acq: 6 Dec 2017 16:51

Tgt Ion:	244	Resp:	36994
Ion Ratio		Lower	Upper
244	100		
212	6.2	5.4	8.0
122	8.7	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: 15.50 min Scan# 2280
Delta R.T. 0.01 min
Lab File: BF101171.D
Acq: 6 Dec 2017 16:51

Instrument :
BNA_F
ClientSampleId :
EO-01-120517-A

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.9	19.2	28.8
265	20.0	17.5	26.3

Manual Integrations
APPROVED

Sohil
12/7/2017 11:35:47 AM

