

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121018\
 Data File : BF111263.D
 Acq On : 11 Dec 2018 00:54
 Operator : JU/SJ
 Sample : J6196-01 2X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-03-120718-A

Manual Integrations
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Sohil
 12/11/2018 2:23:47 PM

Quant Time: Dec 11 06:23:36 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 10 01:15:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	464366	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	1690714	20.00	ng	0.00
39) Acenaphthene-d10	9.84	164	648726	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	1011554	20.00	ng	0.00
76) Chrysene-d12	13.96	240	751429	20.00	ng	0.00
87) Perylene-d12	15.40	264	563585	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	1551967	52.77	ng	0.00
7) Phenol-d6	6.43	99	1889409	51.70	ng	0.00
23) Nitrobenzene-d5	7.36	82	1090012	36.16	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	254542	44.30	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	1589753	34.68	ng	0.00
79) Terphenyl-d14	12.90	244	1211486	38.67	ng	0.00
Target Compounds						
10) Phenol	6.44	94	106421	2.490	ng	93
50) Dimethylphthalate	9.55	163	170881	3.570	ng	99
71) Phenanthrene	11.35	178	111442	2.184	ng	93
75) Fluoranthene	12.53	202	213819	4.588	ng	99
78) Pyrene	12.76	202	195716	3.645	ng	97
81) Benzo(a)anthracene	13.95	228	94373	2.251	ng	# 91
88) Benzo(b)fluoranthene	14.99	252	90509m	2.904	ng	

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

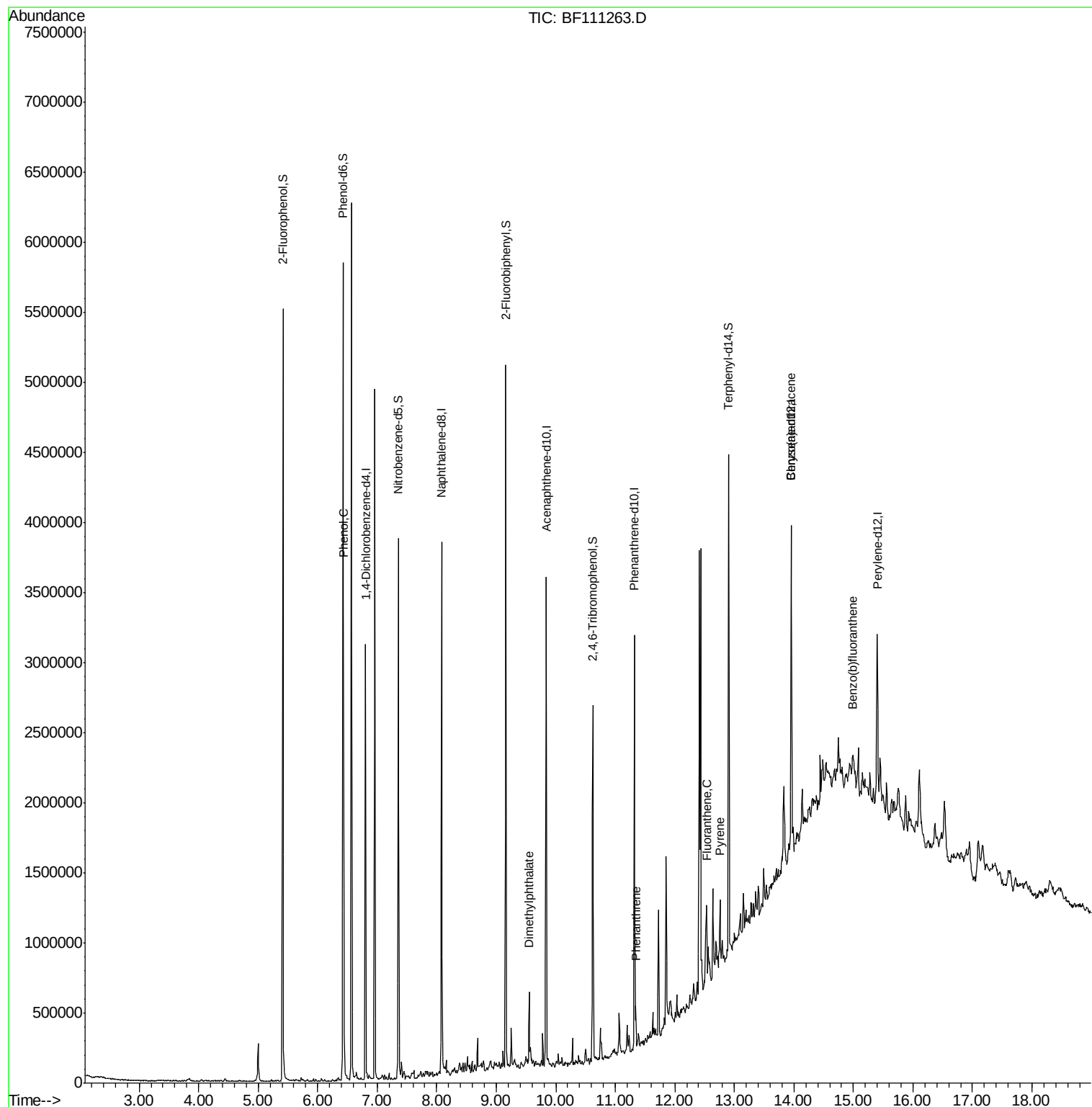
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121018\
Data File : BF111263.D
Acq On : 11 Dec 2018 00:54
Operator : JU/SJ
Sample : J6196-01 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

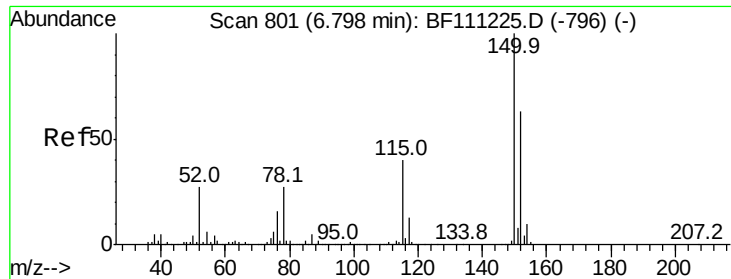
Instrument :
BNA_F
ClientSampleId :
EO-03-120718-A

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#1

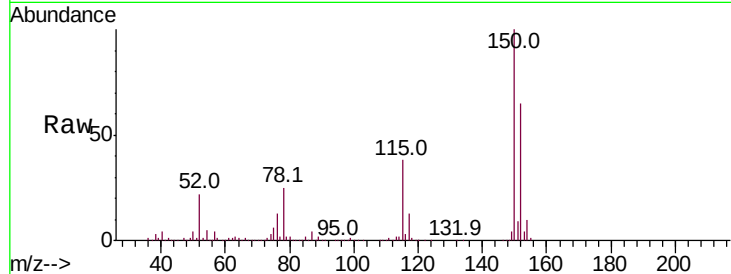
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. 0.01 min
Lab File: BF111263.D
Acq: 11 Dec 2018 00:54

Instrument :
BNA_F
ClientSampleId :
EO-03-120718-A

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.0	126.6	189.8
115	58.5	50.7	76.1

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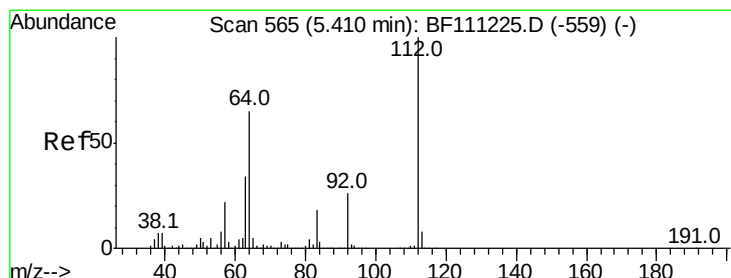
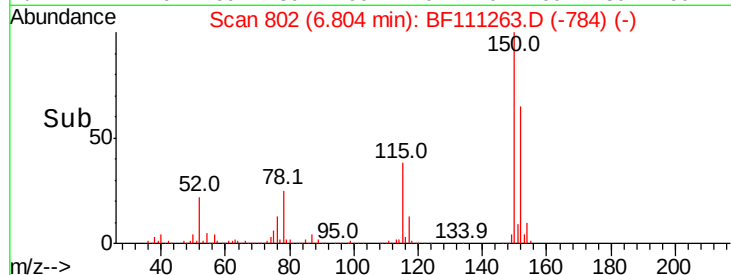
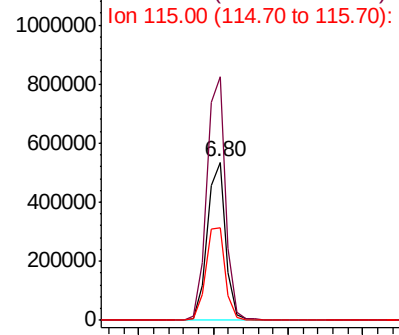


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

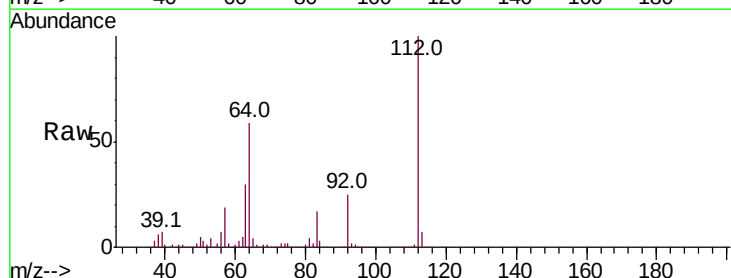
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 52.774 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.01 min
Lab File: BF111263.D
Acq: 11 Dec 2018 00:54

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.2	51.8	77.6
63	30.3	26.8	40.2

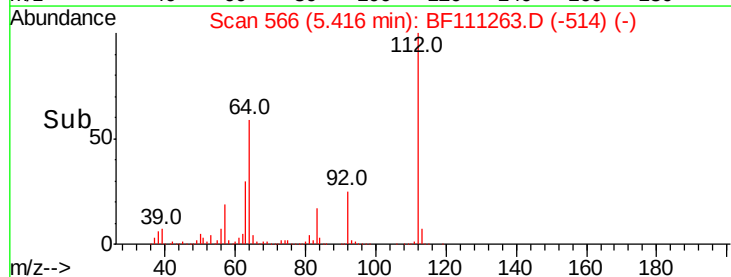
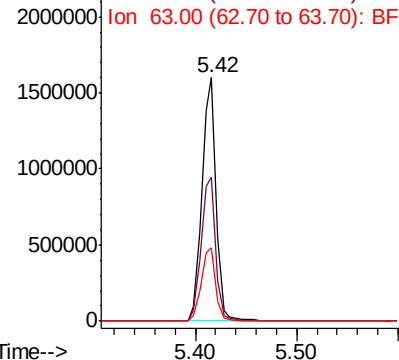


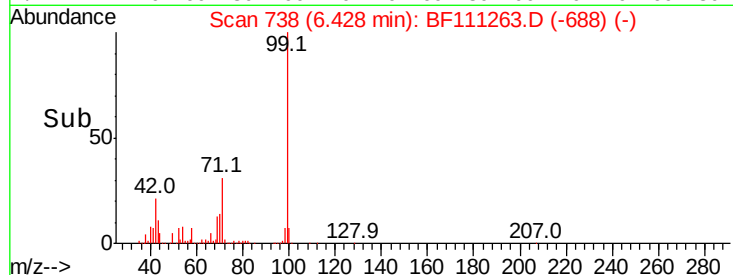
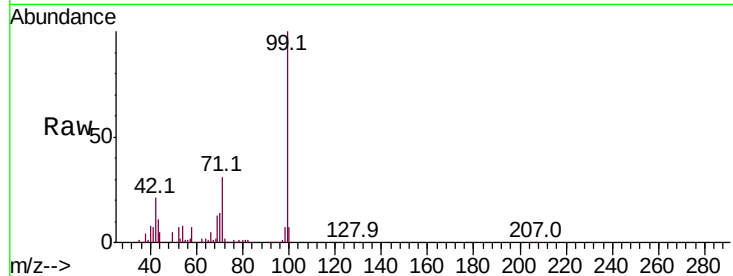
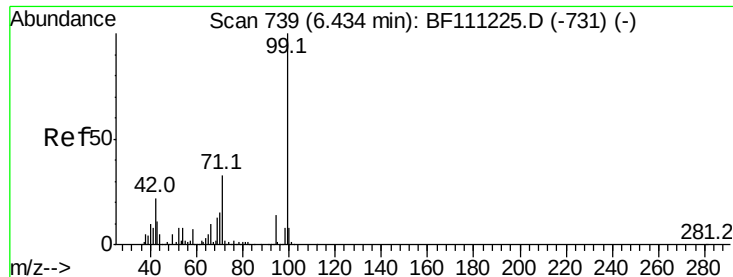
Abundance

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: 51.699 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF111263.D

Acq: 11 Dec 2018 00:54

Tot Ion: 99 Resp: 1889409

Ion Ratio Lower Upper

99 100

42 20.8 17.4 26.0

71 31.0 26.1 39.1

Instrument :

BNA_F

ClientSampleId :

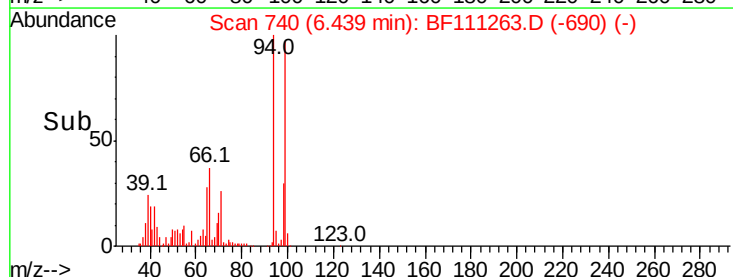
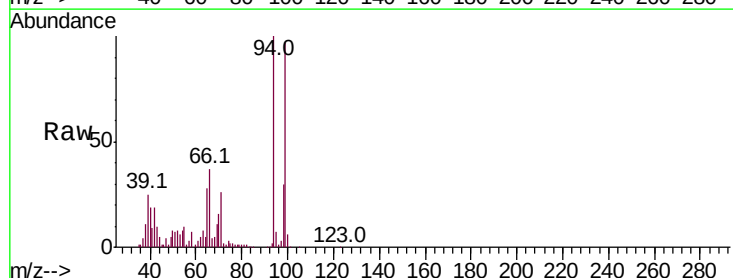
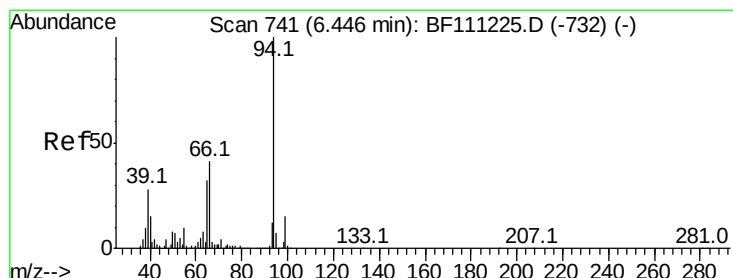
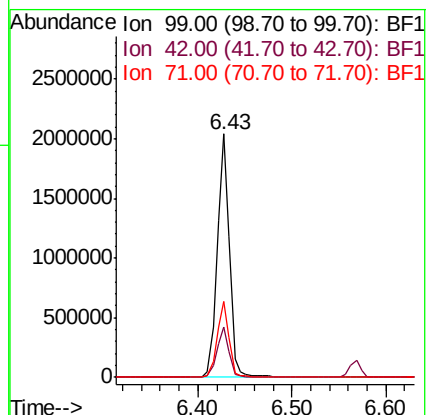
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#10

Phenol

Concen: 2.490 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF111263.D

Acq: 11 Dec 2018 00:54

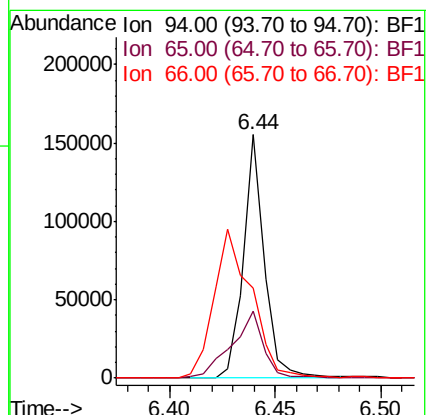
Tgt Ion: 94 Resp: 106421

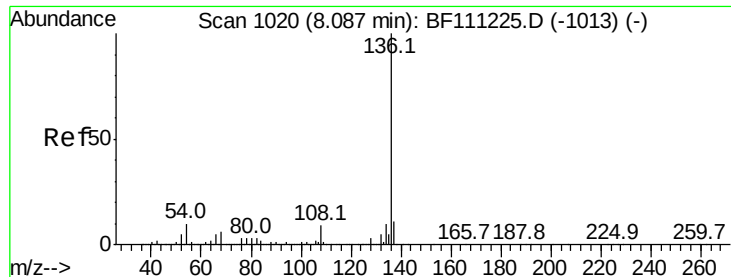
Ion Ratio Lower Upper

94 100

65 27.5 11.7 51.7

66 37.0 21.0 61.0





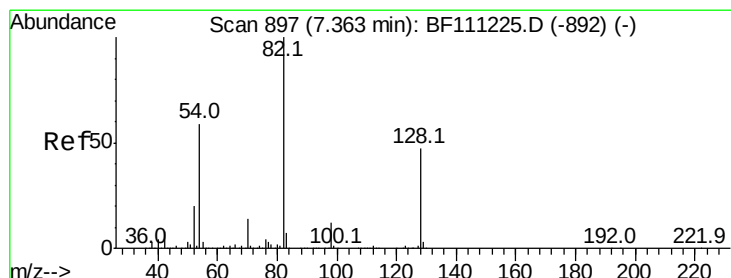
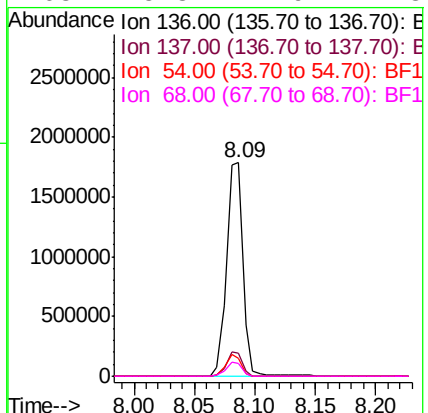
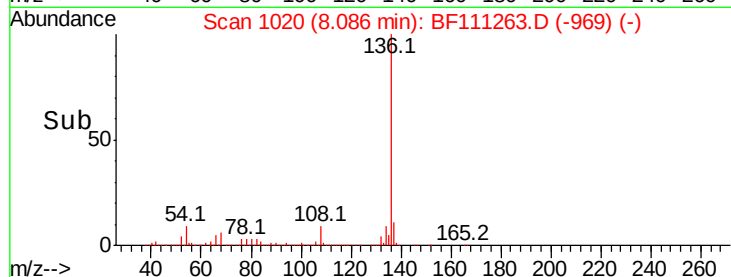
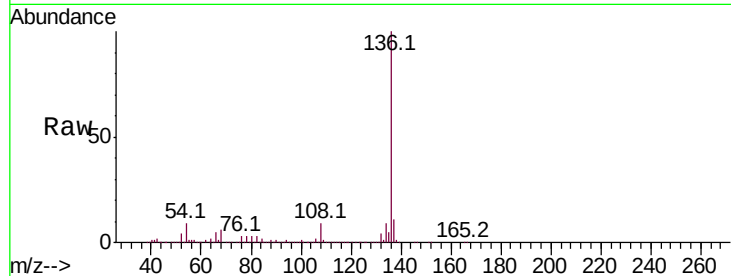
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BF111263.D
Acq: 11 Dec 2018 00:54

Instrument :
BNA_F
ClientSampleId :
EO-03-120718-A

Tot Ion	136	Resp	1690714
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	8.7	7.7	11.5
68	5.8	4.9	7.3

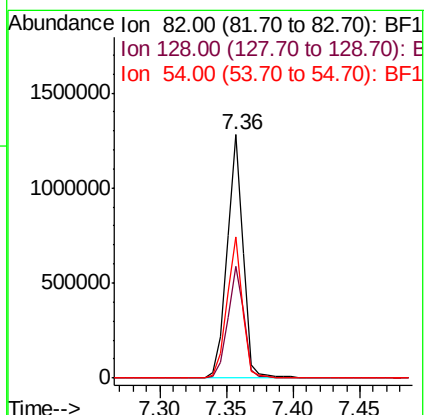
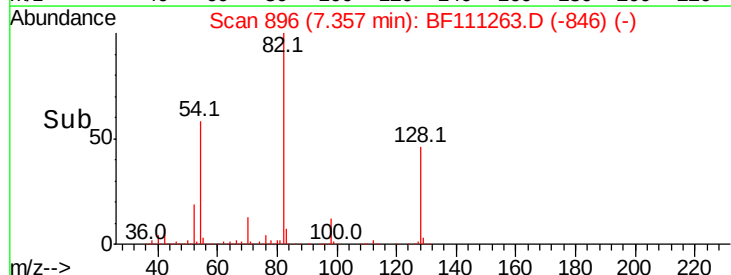
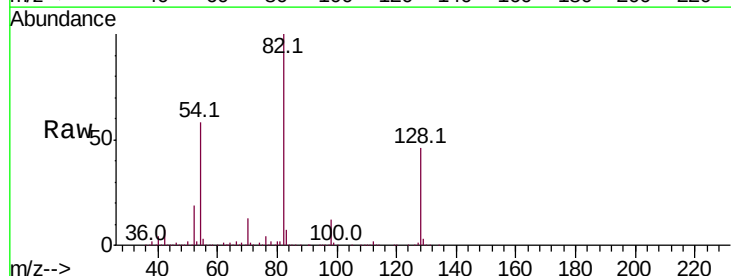
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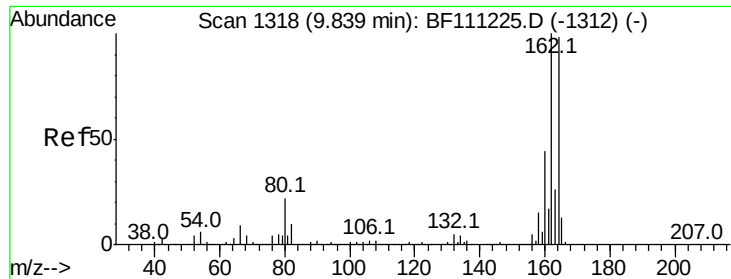
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#23
Nitrobenzene-d5
Concen: 36.161 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF111263.D
Acq: 11 Dec 2018 00:54

Tgt Ion	82	Resp	1090012
Ion	Ratio	Lower	Upper
82	100		
128	45.9	37.4	56.2
54	58.3	47.6	71.4





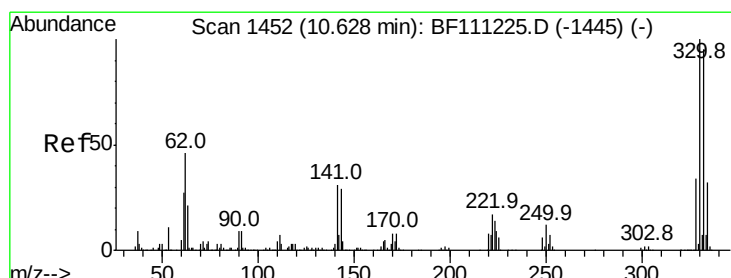
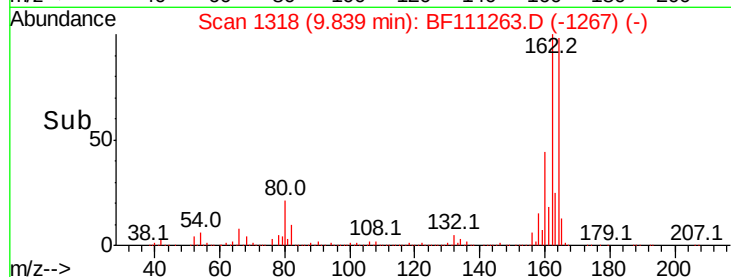
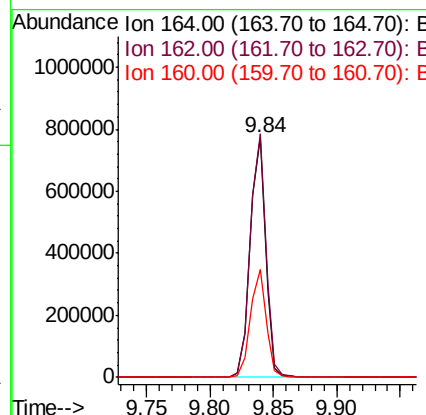
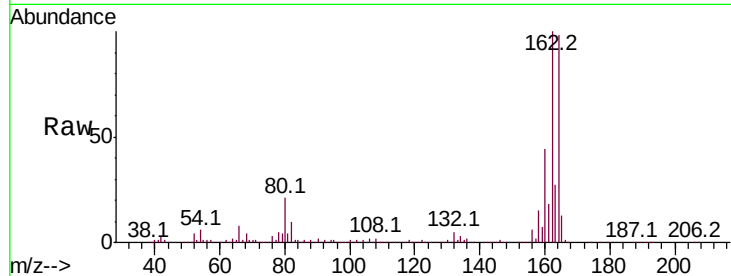
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.00 min
 Lab File: BF111263.D
 Acq: 11 Dec 2018 00:54

Instrument :
 BNA_F
 ClientSampleId :
 EO-03-120718-A

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.8	81.4	122.0
160	45.2	35.7	53.5

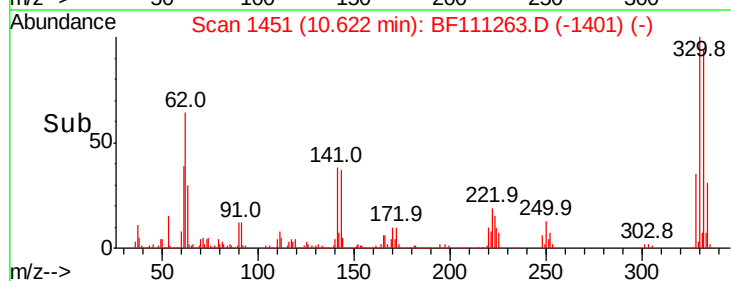
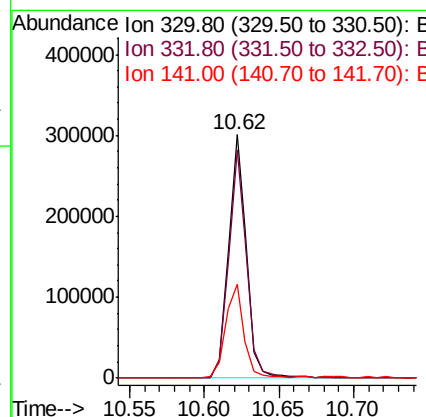
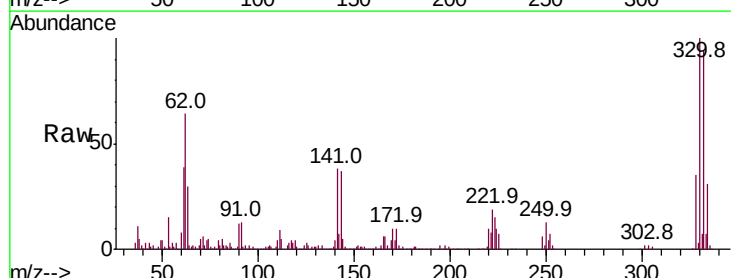
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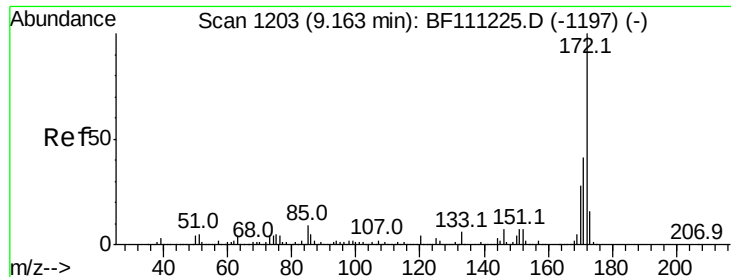
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#42
 2,4,6-Tribromophenol
 Concen: 44.295 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.01 min
 Lab File: BF111263.D
 Acq: 11 Dec 2018 00:54

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.5	76.0	114.0
141	38.8	31.0	46.6





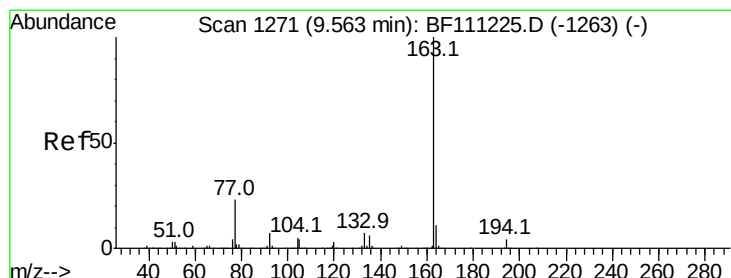
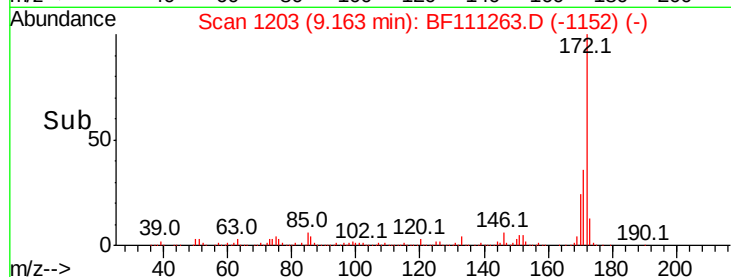
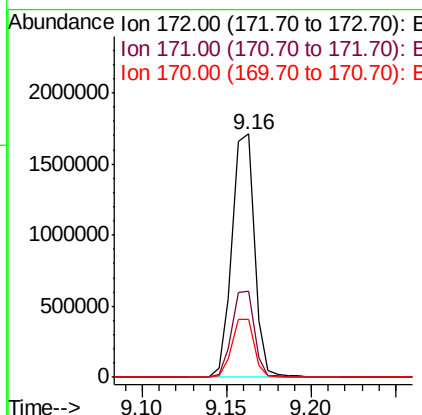
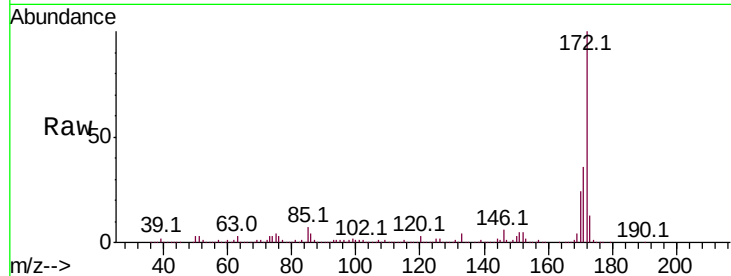
#45
2-Fluorobiphenyl
Concen: 34.682 ng
RT: 9.16 min Scan# 1203
Delta R.T. 0.00 min
Lab File: BF111263.D
Acq: 11 Dec 2018 00:54

Instrument :
BNA_F
ClientSampleId :
EO-03-120718-A

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.6	33.0	49.4
170	23.9	22.3	33.5

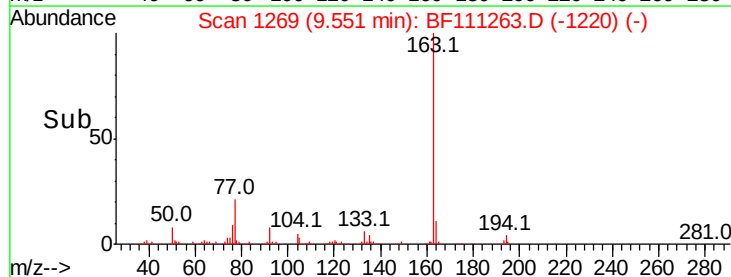
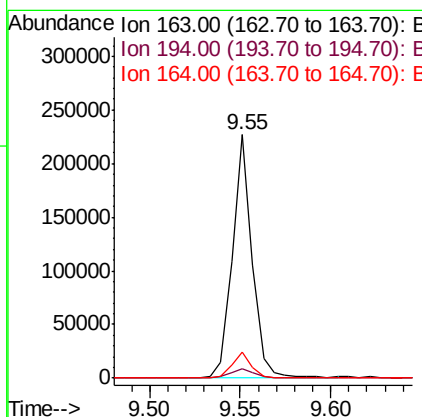
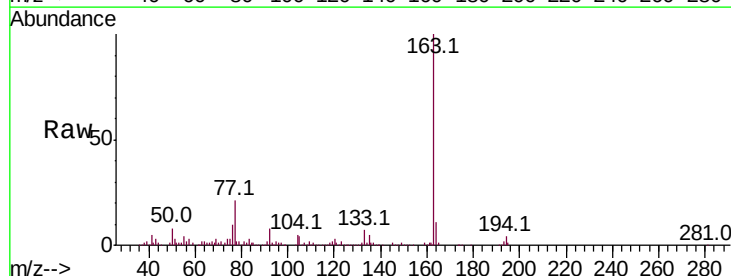
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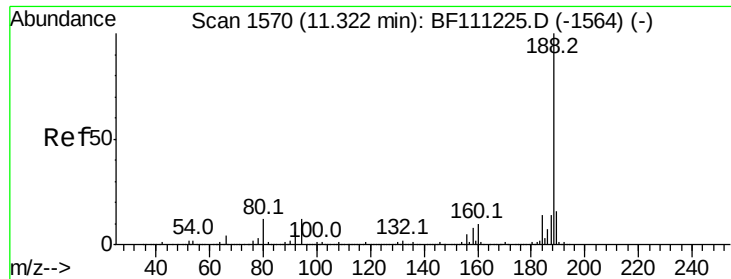
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#50
Dimethylphthalate
Concen: 3.570 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.01 min
Lab File: BF111263.D
Acq: 11 Dec 2018 00:54

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.0	4.6
164	10.8	8.9	13.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.32 min Scan# 1570

Delta R.T. -0.00 min

Lab File: BF111263.D

Acq: 11 Dec 2018 00:54

Instrument :

BNA_F

ClientSampleId :

EO-03-120718-A

Tot Ion:188 Resp: 1011554

Ion Ratio Lower Upper

188 100

94 11.0 9.6 14.4

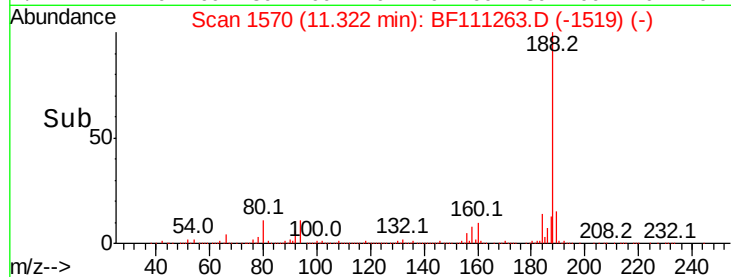
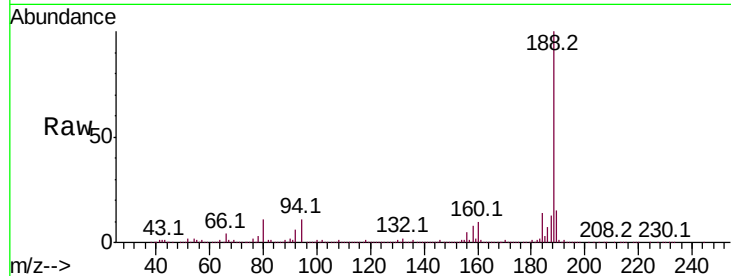
80 11.1 9.8 14.6

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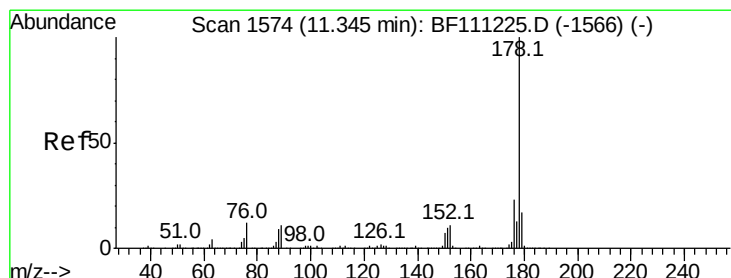
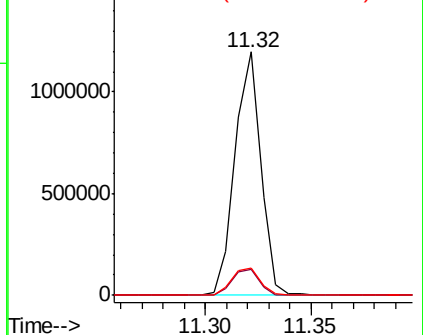
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#71

Phenanthrene

Concen: 2.184 ng

RT: 11.35 min Scan# 1574

Delta R.T. 0.00 min

Lab File: BF111263.D

Acq: 11 Dec 2018 00:54

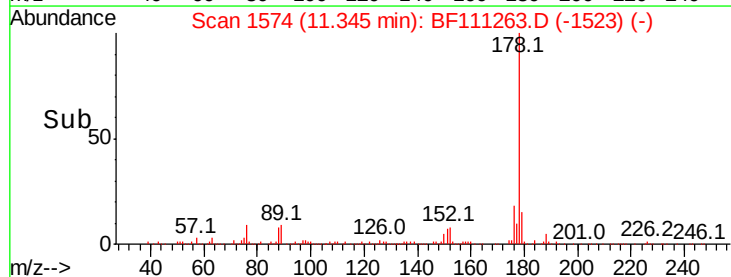
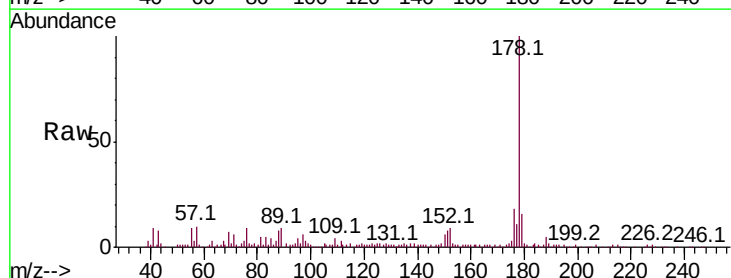
Tgt Ion:178 Resp: 111442

Ion Ratio Lower Upper

178 100

176 18.3 18.1 27.1

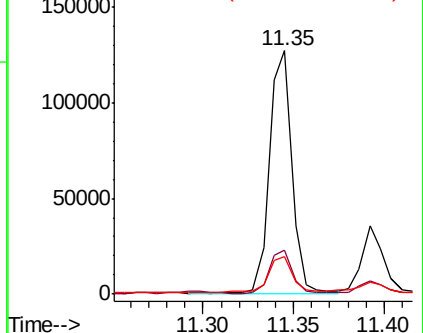
179 15.6 14.0 21.0

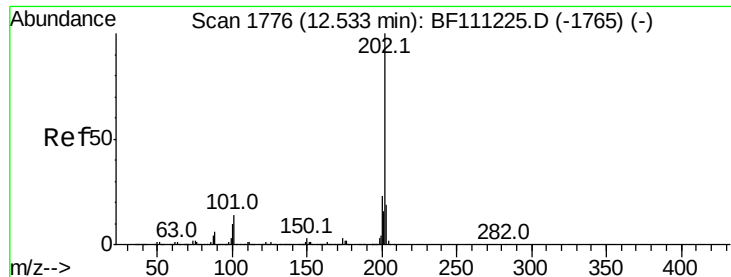


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#75

Fluoranthene

Concen: 4.588 ng

RT: 12.53 min Scan# 1776

Delta R.T. -0.00 min

Lab File: BF111263.D

Acq: 11 Dec 2018 00:54

Instrument :

BNA_F

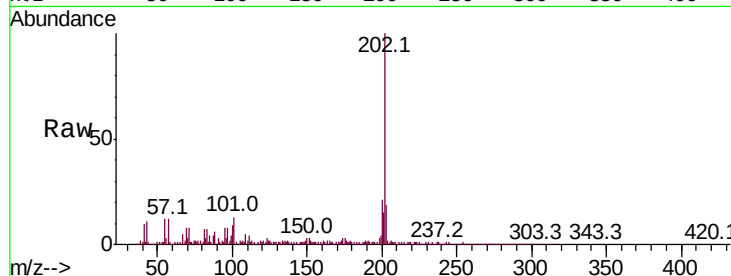
ClientSampleId :

EO-03-120718-A

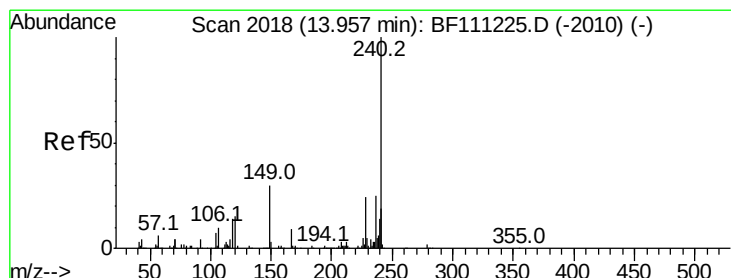
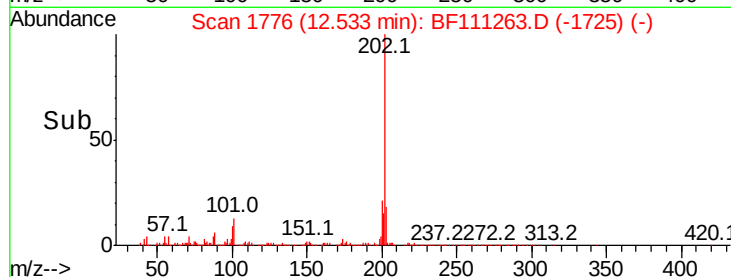
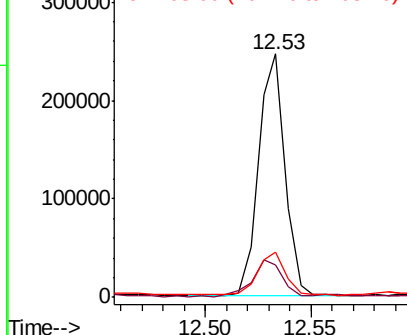
Tot Ion	202	Resp	213819
Ion Ratio	Lower	Upper	
202	100		
101	13.2	0.0	33.8
203	18.7	0.0	38.6

Manual Integrations
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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



#76

Chrysene-d12

Concen: 20.000 ng

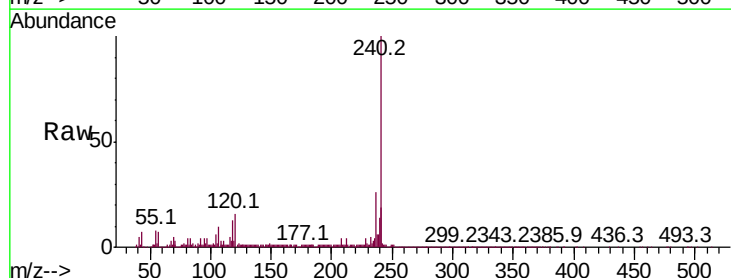
RT: 13.96 min Scan# 1818

Delta R.T. -0.00 min

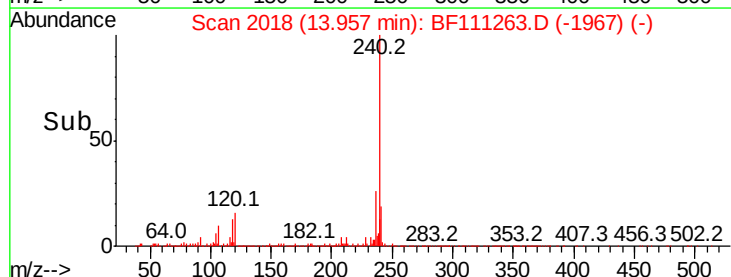
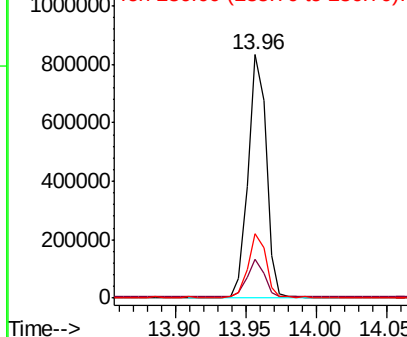
Lab File: BF111263.D

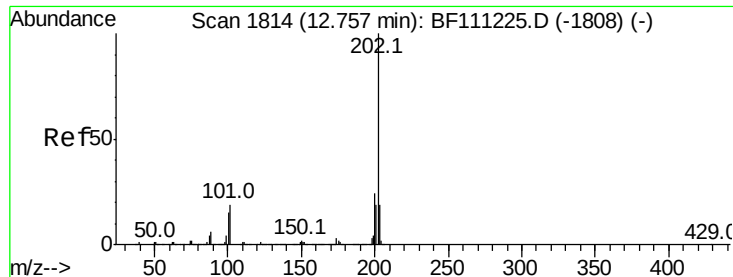
Acq: 11 Dec 2018 00:54

Tgt Ion	240	Resp	751429
Ion Ratio	Lower	Upper	
240	100		
120	16.1	12.2	18.2
236	26.4	20.2	30.2



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

Pvrene

Concen: 3.645 ng

RT: 12.76 min Scan# 1814

Delta R.T. -0.00 min

Lab File: BF111263.D

Acq: 11 Dec 2018 00:54

Instrument :

BNA_F

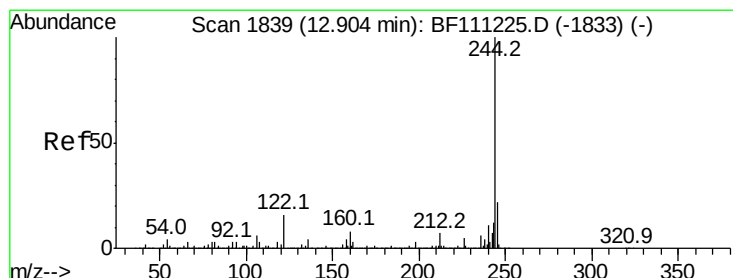
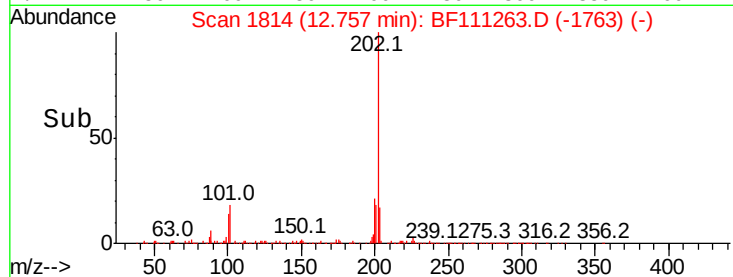
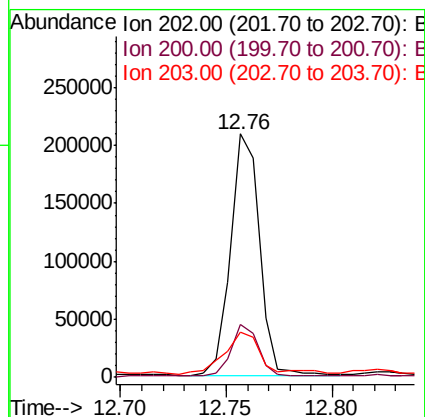
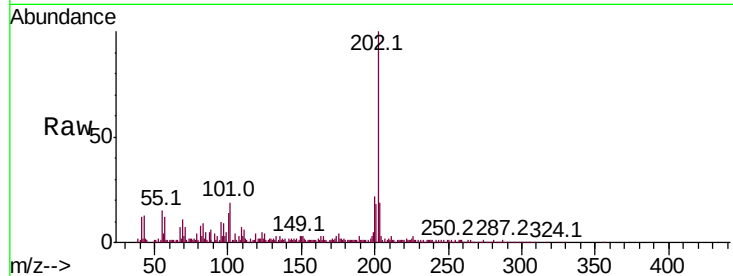
ClientSampleId :

EO-03-120718-A

Tot Ion:	202	Resp:	195716
Ion Ratio	Lower	Upper	
202	100		
200	21.6	19.0	28.4
203	18.8	15.2	22.8

Manual Integrations
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#79

Terphenyl-d14

Concen: 38.672 ng

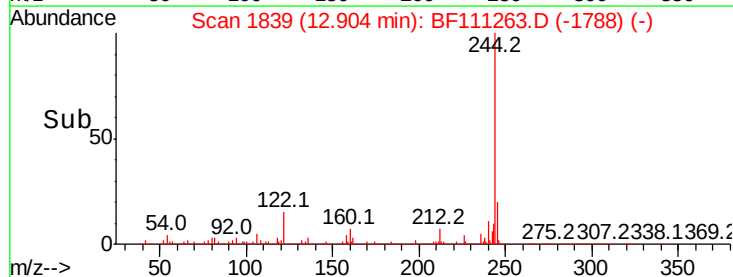
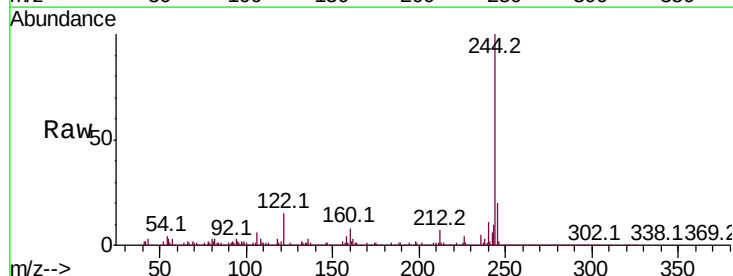
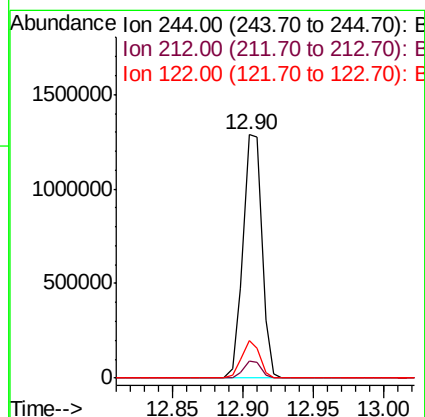
RT: 12.90 min Scan# 1839

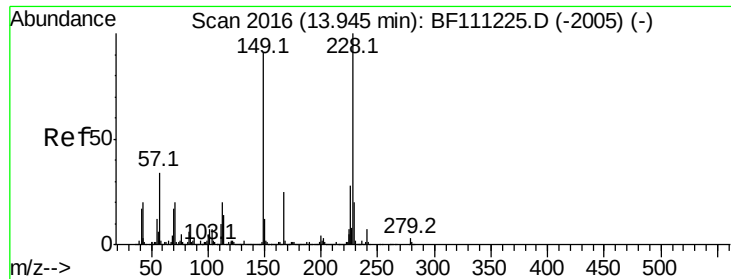
Delta R.T. -0.00 min

Lab File: BF111263.D

Acq: 11 Dec 2018 00:54

Tgt Ion:	244	Resp:	1211486
Ion Ratio	Lower	Upper	
244	100		
212	7.0	5.7	8.5
122	15.2	13.1	19.7





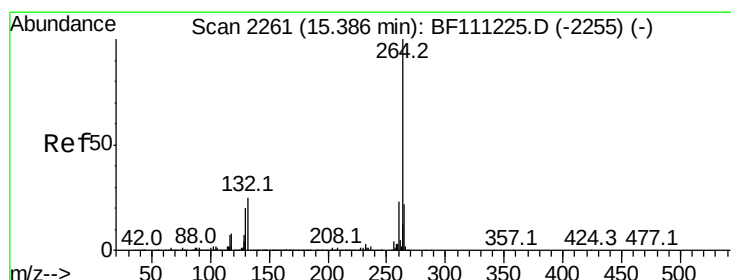
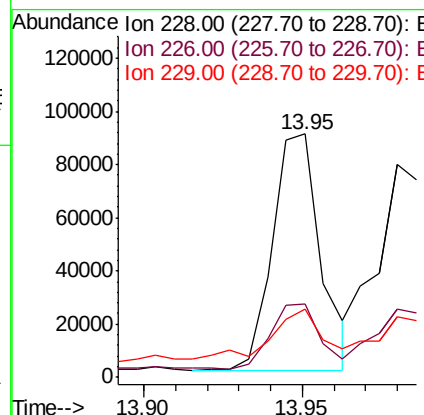
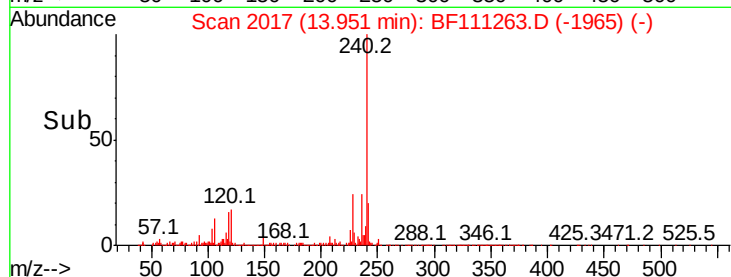
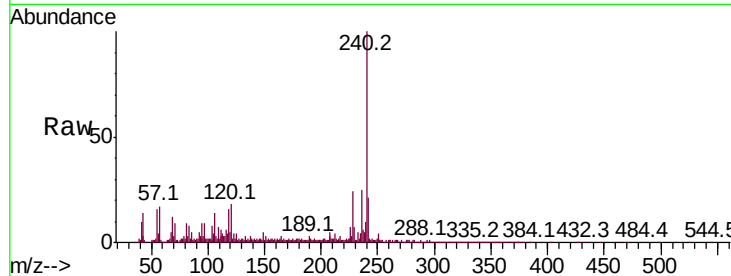
#81
Benzo(a)anthracene
Concen: 2.251 ng
RT: 13.95 min Scan# 2017
Delta R.T. 0.01 min
Lab File: BF111263.D
Acq: 11 Dec 2018 00:54

Instrument :
BNA_F
ClientSampleId :
EO-03-120718-A

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.2	22.6	34.0
229	27.9	16.3	24.5

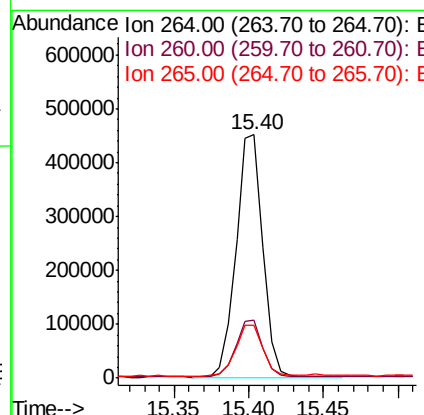
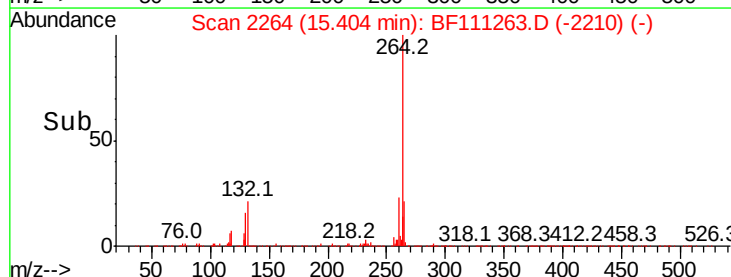
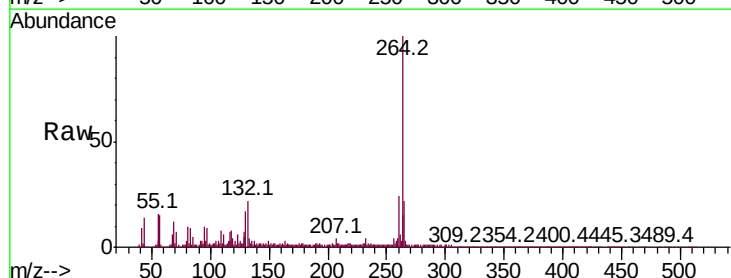
Manual Integrations
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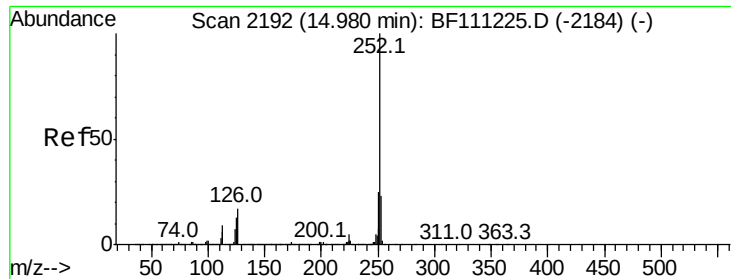
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#87
Perylene-d12
Concen: 20.000 ng
RT: 15.40 min Scan# 2264
Delta R.T. 0.02 min
Lab File: BF111263.D
Acq: 11 Dec 2018 00:54

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.3	27.5
265	21.8	17.7	26.5





#88

Benzo(b)fluoranthene

Concen: 2.904 ng/mL

RT: 14.99 min Scan# 2193

Delta R.T. 0.01 min

Lab File: BF111263.D

Acq: 11 Dec 2018 00:54

Instrument :

BNA_F

ClientSampleId :

EO-03-120718-A

Tot Ion:	252	Resp:	90509
Ion Ratio	Lower	Upper	
252	100		
253	43.5	18.2	27.2#
125	43.9	10.4	15.6#

Manual Integrations
APPROVED

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