

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121118\
 Data File : BF111276.D
 Acq On : 11 Dec 2018 14:04
 Operator : JU/SJ
 Sample : J6196-01 2X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

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

Manual Integrations
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 12/12/2018 5:30:04 PM

Quant Time: Dec 11 17:26:57 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	430248	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	1591811	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	637805	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	905200	20.00	ng	0.00
76) Chrysene-d12	13.96	240	619564	20.00	ng	0.00
87) Perylene-d12	15.40	264	478019	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	1400021	51.38	ng	0.00
7) Phenol-d6	6.43	99	1735904	51.27	ng	0.00
23) Nitrobenzene-d5	7.35	82	1031631	36.35	ng	-0.01
42) 2,4,6-Tribromophenol	10.62	330	231936	41.05	ng	-0.01
45) 2-Fluorobiphenyl	9.16	172	1543225	34.14	ng	0.00
79) Terphenyl-d14	12.90	244	1050337	40.66	ng	0.00
Target Compounds						
10) Phenol	6.43	94	98709	2.493	ng	92
50) Dimethylphthalate	9.55	163	167166	3.552	ng	100
71) Phenanthrene	11.34	178	95650	2.095	ng	95
75) Fluoranthene	12.53	202	185334	4.444	ng	99
78) Pyrene	12.76	202	169703	3.833	ng	94
81) Benzo(a)anthracene	13.94	228	77713	2.248	ng	# 93
83) Chrysene	13.98	228	72190m	2.026	ng	
88) Benzo(b)fluoranthene	14.98	252	77004m	2.913	ng	
90) Benzo(a)pyrene	15.33	252	49590	2.037	ng	# 72

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

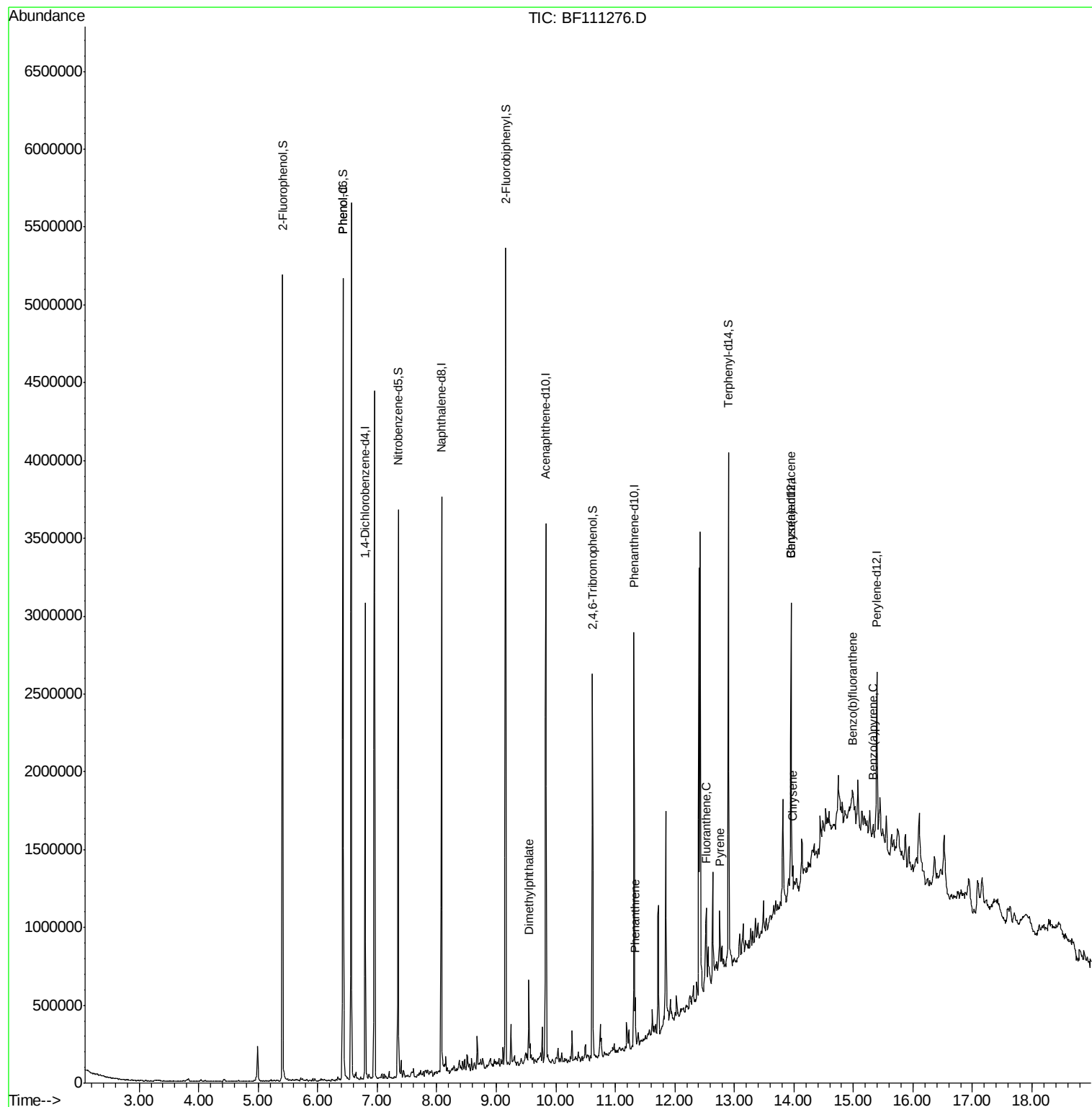
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121118\
Data File : BF111276.D
Acq On : 11 Dec 2018 14:04
Operator : JU/SJ
Sample : J6196-01 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

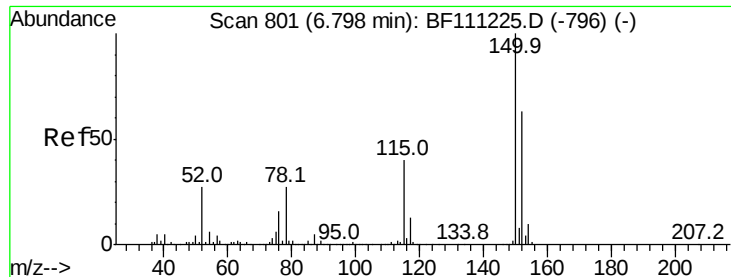
Instrument :
BNA_F
ClientSampleId :
EO-03-120718-A

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

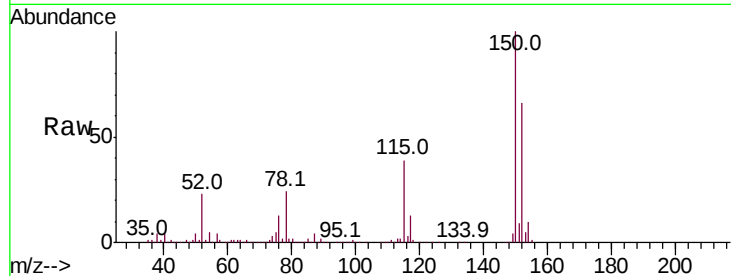
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.00 min
Lab File: BF111276.D
Acq: 11 Dec 2018 14:04

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.4	126.6	189.8
115	59.4	50.7	76.1

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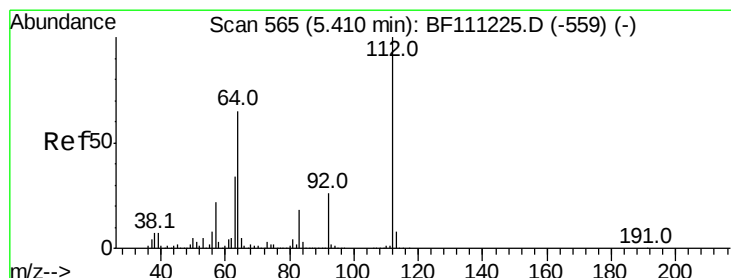
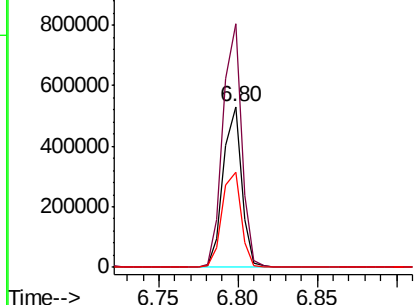
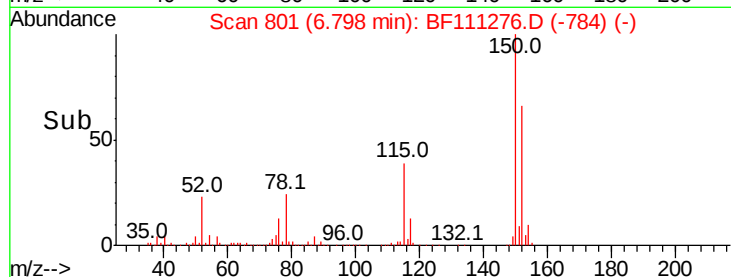


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

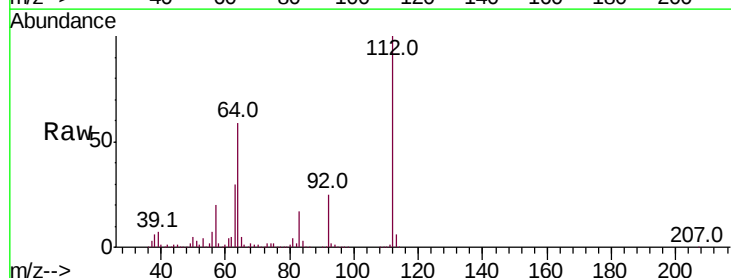
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 51.383 ng
RT: 5.41 min Scan# 565
Delta R.T. -0.00 min
Lab File: BF111276.D
Acq: 11 Dec 2018 14:04

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.4	51.8	77.6
63	30.3	26.8	40.2

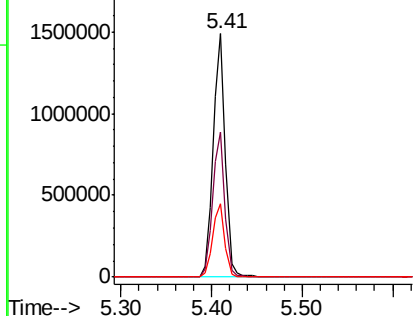
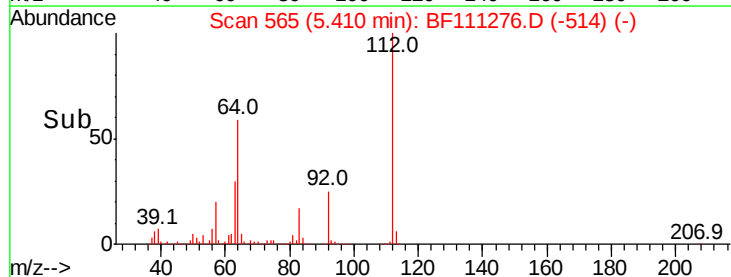


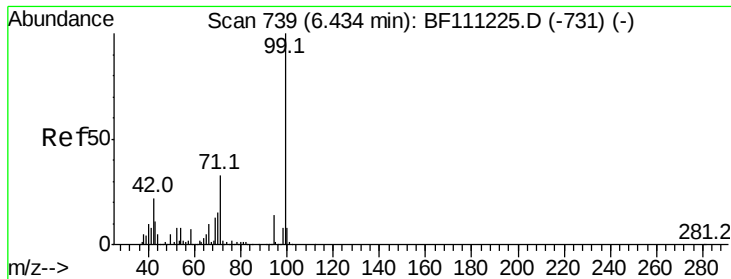
Abundance

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: 51.265 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF111276.D

Acq: 11 Dec 2018 14:04

Instrument :

BNA_F

ClientSampleId :

EO-03-120718-A

Tot Ion: 99 Resp: 1735904

Ion Ratio Lower Upper

99 100

42 20.2 17.4 26.0

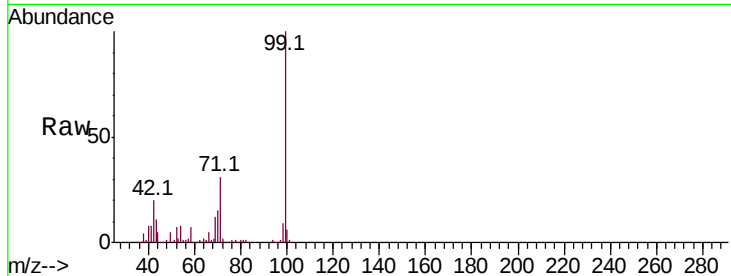
71 31.1 26.1 39.1

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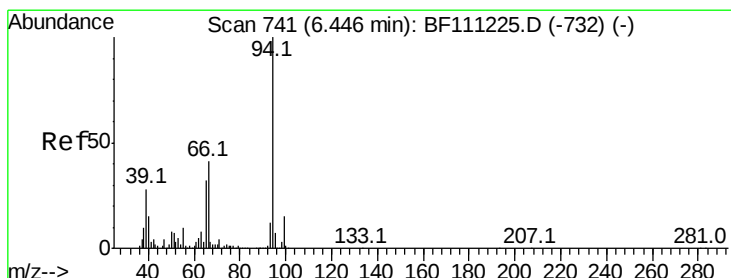
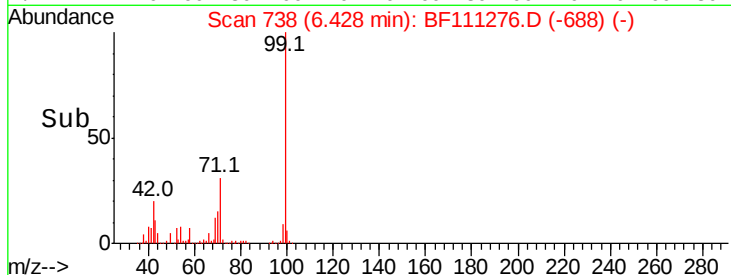
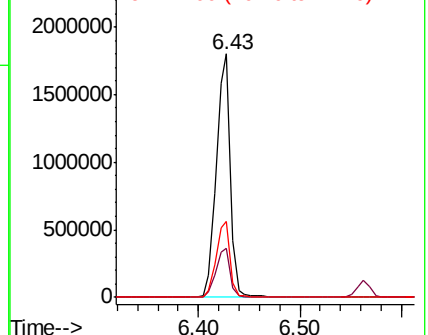
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 2.493 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF111276.D

Acq: 11 Dec 2018 14:04

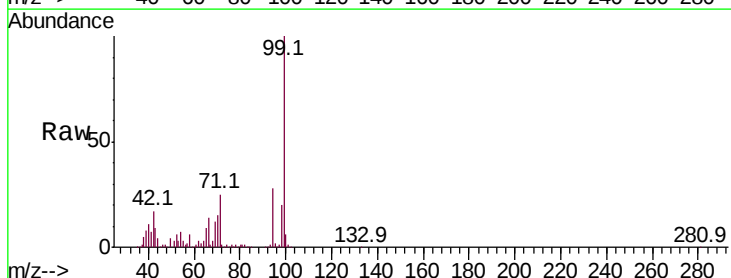
Tgt Ion: 94 Resp: 98709

Ion Ratio Lower Upper

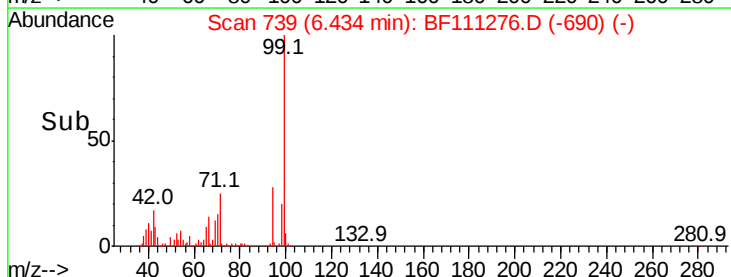
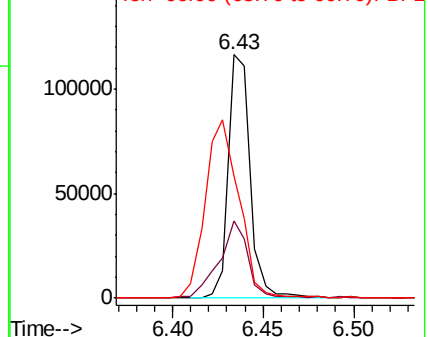
94 100

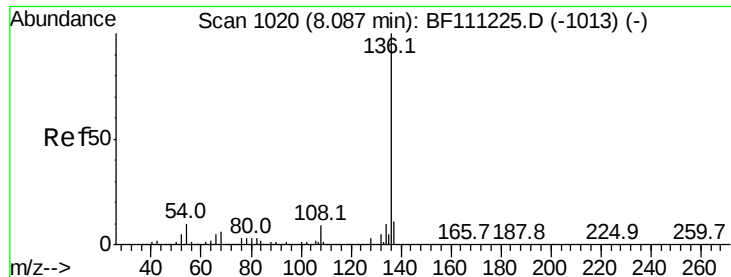
65 31.6 11.7 51.7

66 50.1 21.0 61.0



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





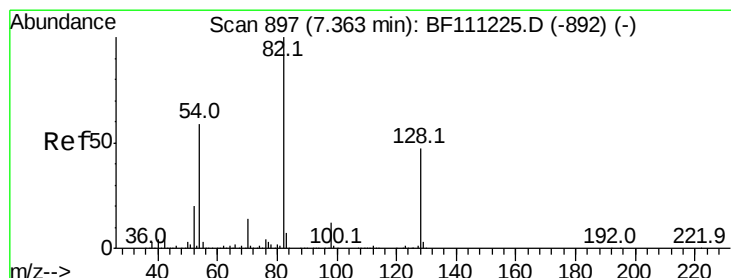
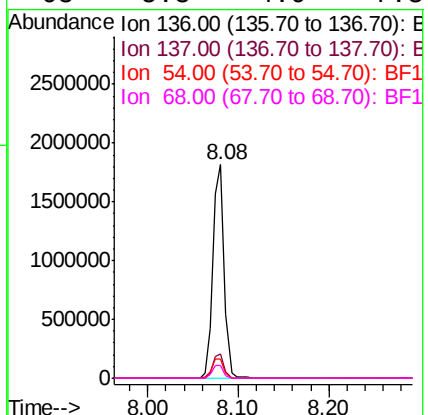
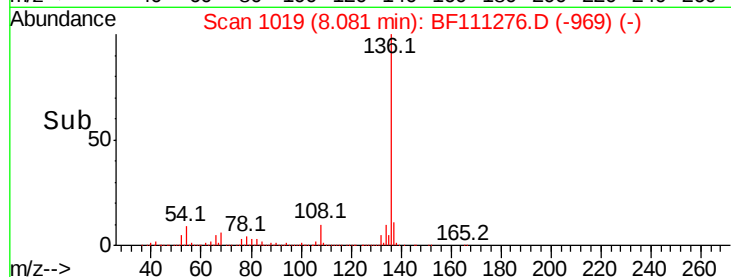
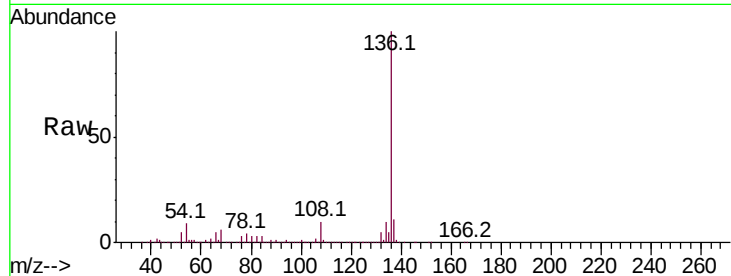
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF111276.D
Acq: 11 Dec 2018 14:04

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

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.1	13.7
54	8.9	7.7	11.5
68	5.8	4.9	7.3

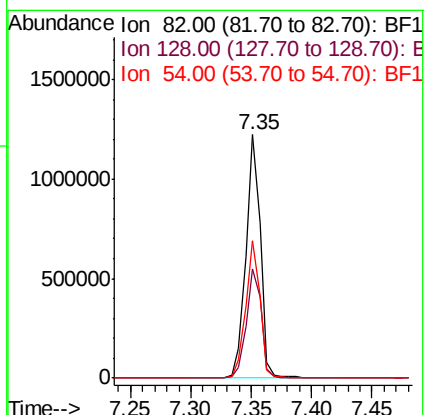
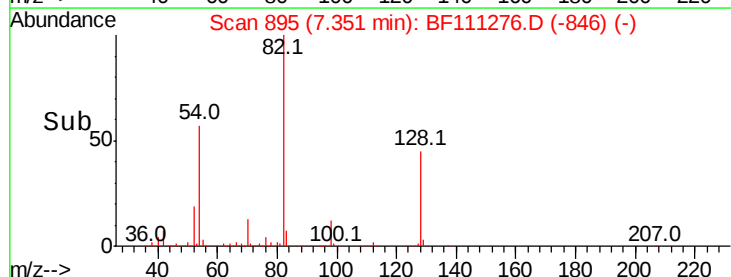
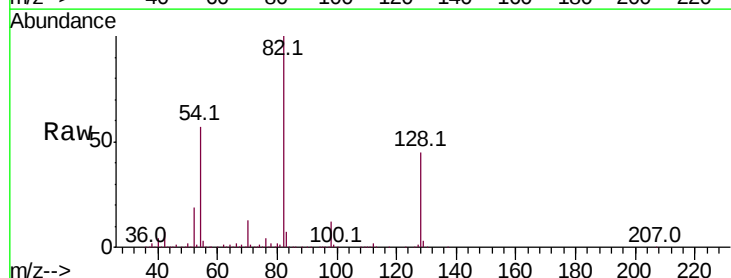
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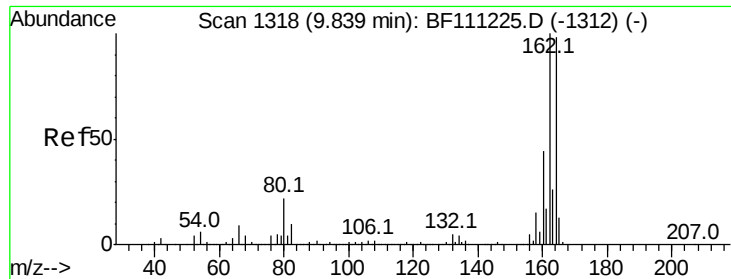
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#23
Nitrobenzene-d5
Concen: 36.350 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.01 min
Lab File: BF111276.D
Acq: 11 Dec 2018 14:04

Tgt Ion	Ratio	Lower	Upper
82	100		
128	44.9	37.4	56.2
54	56.6	47.6	71.4





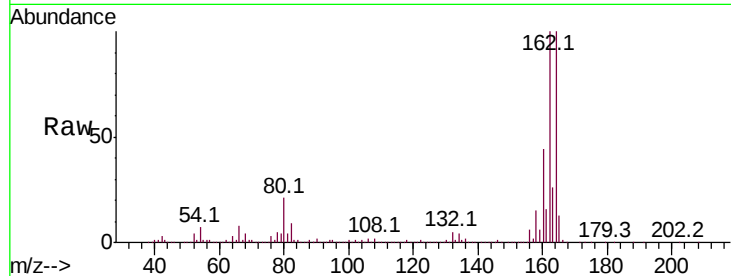
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF111276.D
Acq: 11 Dec 2018 14:04

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

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	100.2	81.4	122.0	
160	44.6	35.7	53.5	

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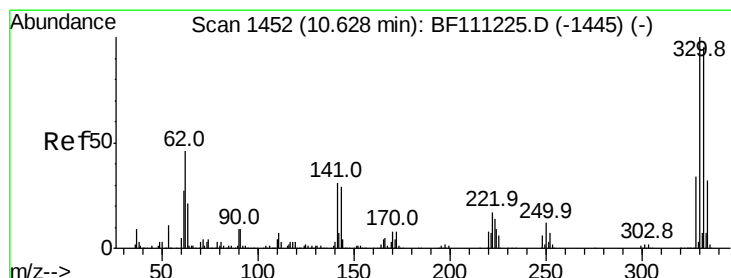
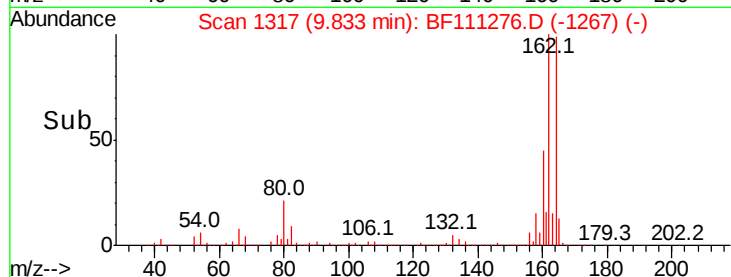
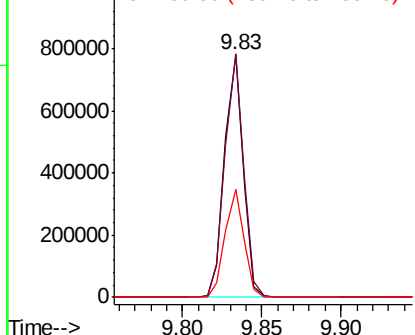


Abundance

Ion 164.00 (163.70 to 164.70): E

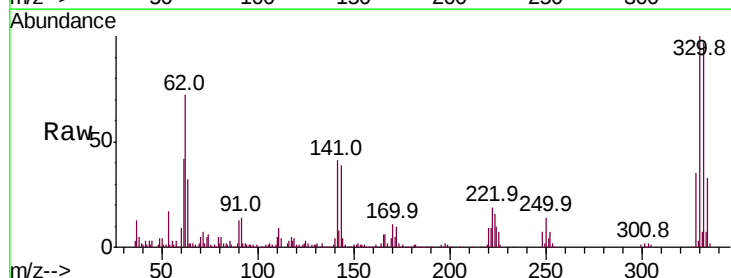
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42
2,4,6-Tribromophenol
Concen: 41.052 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.01 min
Lab File: BF111276.D
Acq: 11 Dec 2018 14:04

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.8	76.0	114.0	
141	39.7	31.0	46.6	

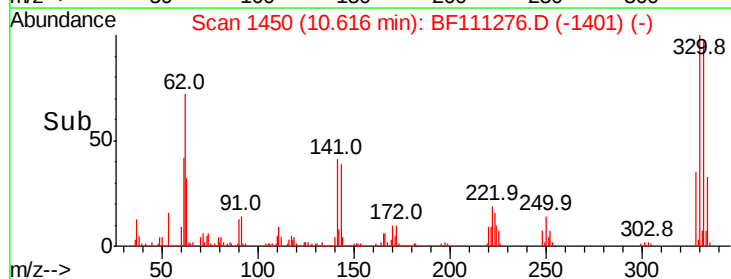
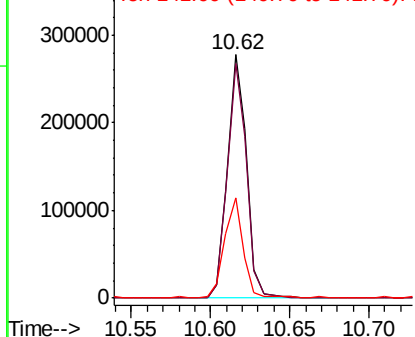


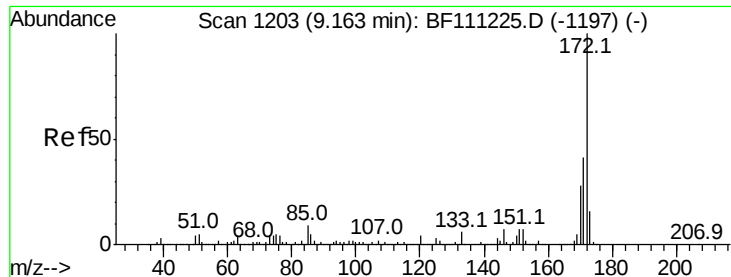
Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





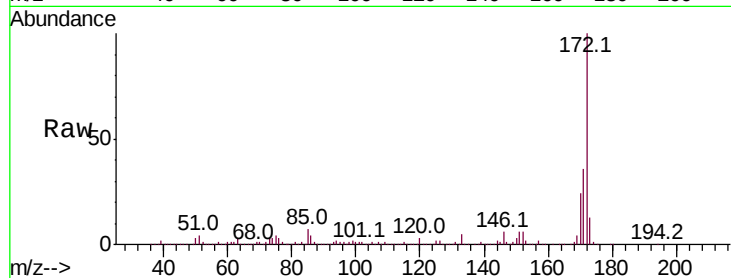
#45
2-Fluorobiphenyl
Concen: 34.138 ng
RT: 9.16 min Scan# 1202
Delta R.T. -0.01 min
Lab File: BF111276.D
Acq: 11 Dec 2018 14:04

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

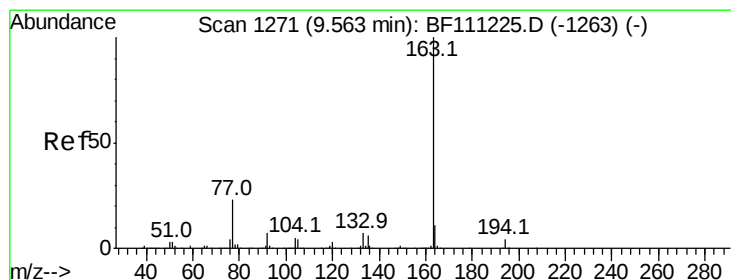
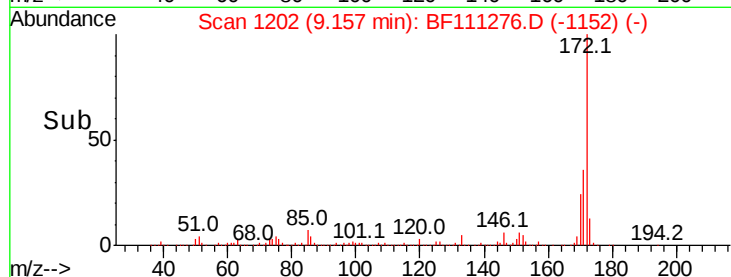
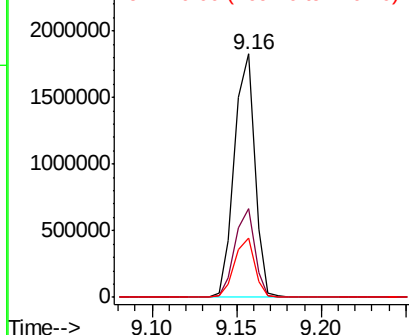
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.3	33.0	49.4
170	24.5	22.3	33.5

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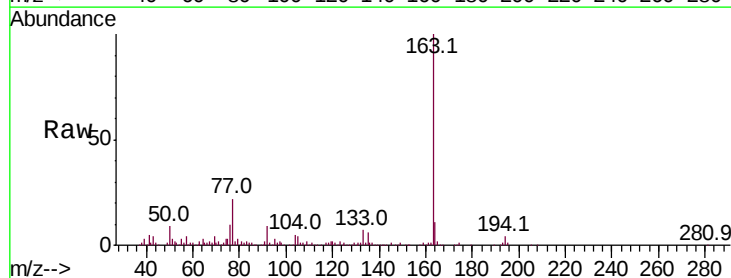


Abundance Ion 172.00 (171.70 to 172.70): E
2500000 Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

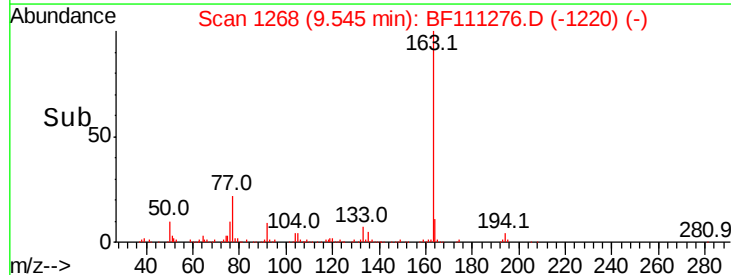
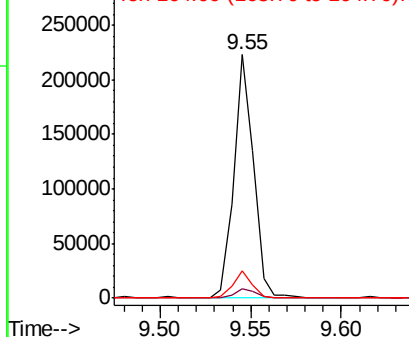


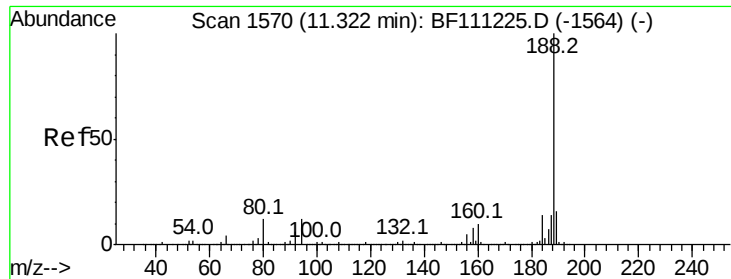
#50
Dimethylphthalate
Concen: 3.552 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.02 min
Lab File: BF111276.D
Acq: 11 Dec 2018 14:04

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.0	4.6
164	11.0	8.9	13.3



Abundance Ion 163.00 (162.70 to 163.70): E
300000 Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





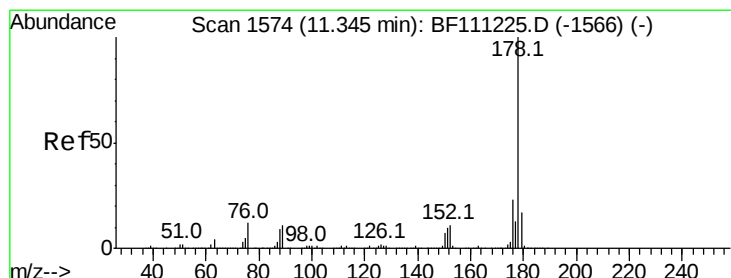
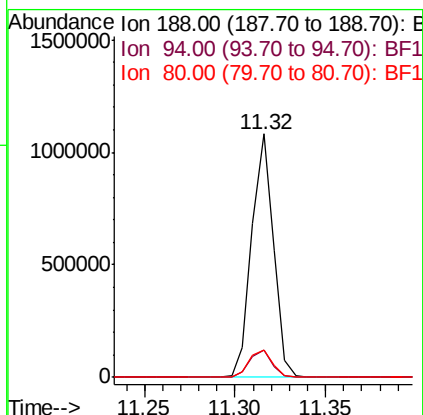
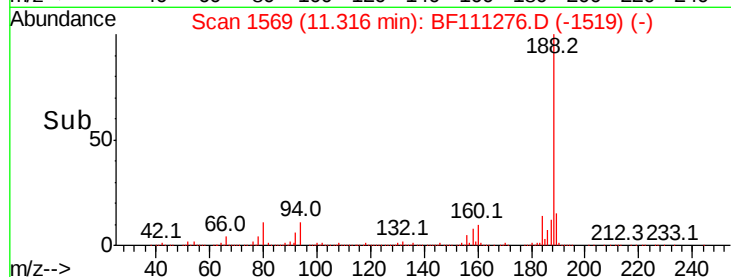
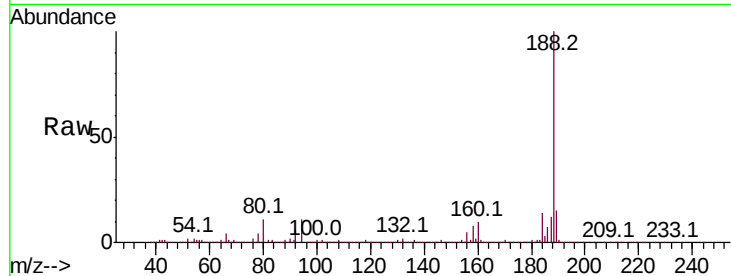
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BF111276.D
Acq: 11 Dec 2018 14:04

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

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	11.3	9.6	14.4	
80	11.2	9.8	14.6	

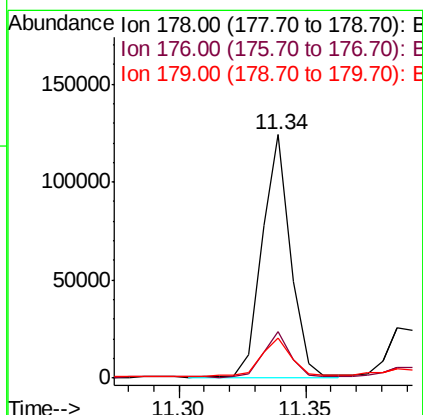
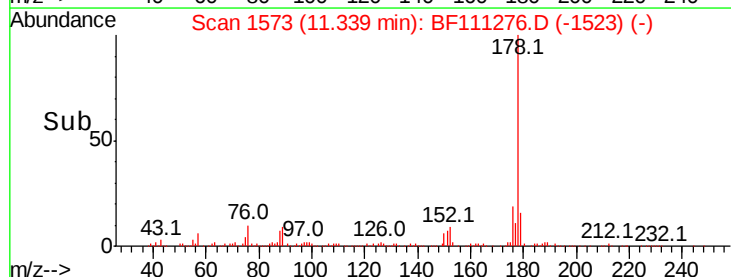
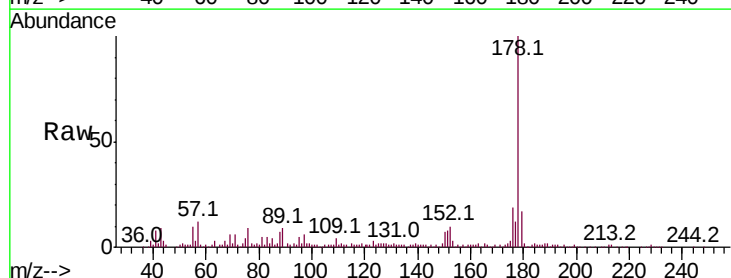
Manual Integrations
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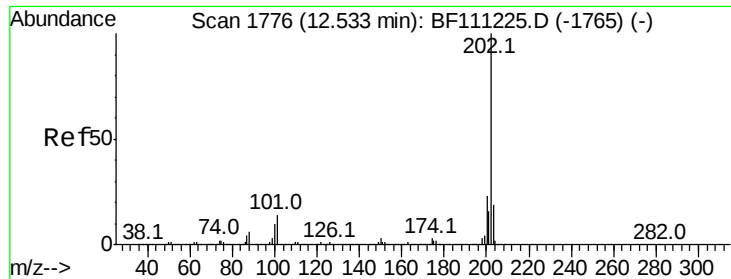
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#71
Phenanthrene
Concen: 2.095 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.01 min
Lab File: BF111276.D
Acq: 11 Dec 2018 14:04

Tgt Ion	Ratio	Resp	Lower	Upper
178	100			
176	19.0	18.1	27.1	
179	16.5	14.0	21.0	





#75

Fluoranthene

Concen: 4.444 ng

RT: 12.53 min Scan# 1775

Delta R.T. -0.01 min

Lab File: BF111276.D

Acq: 11 Dec 2018 14:04

Instrument :

BNA_F

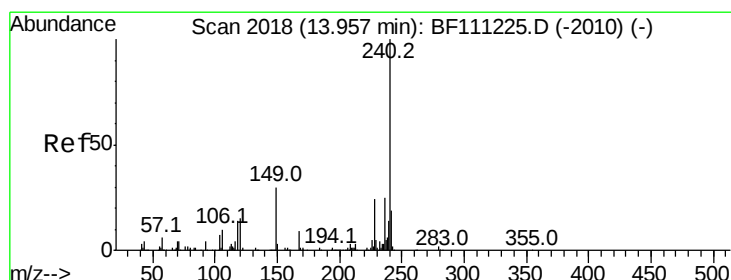
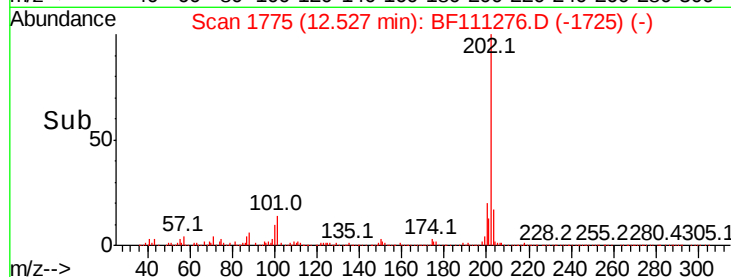
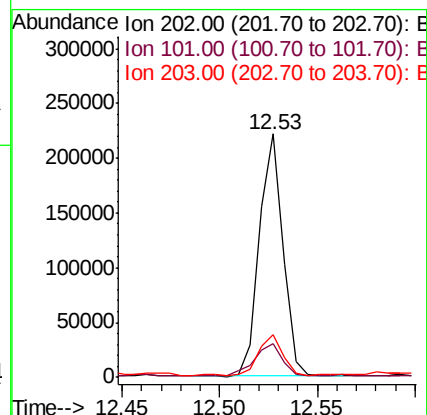
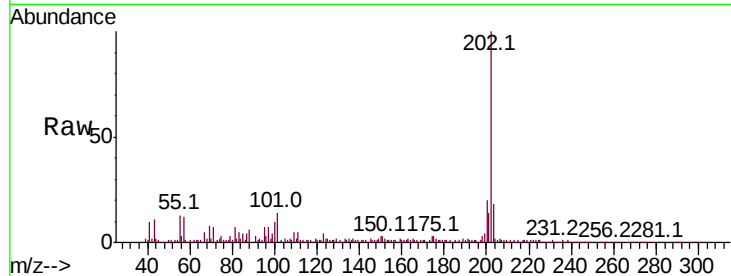
ClientSampleId :

EO-03-120718-A

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	14.0	0.0	33.8
203	17.6	0.0	38.6

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

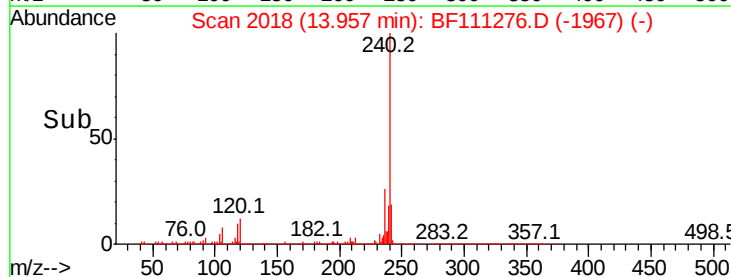
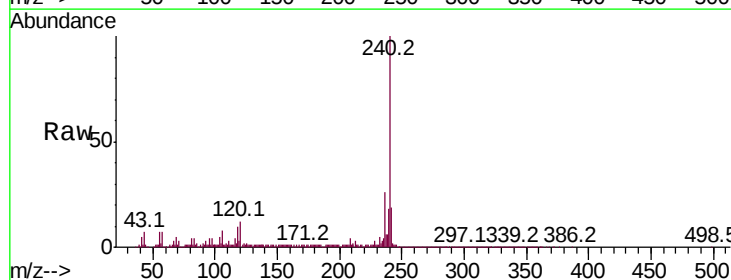
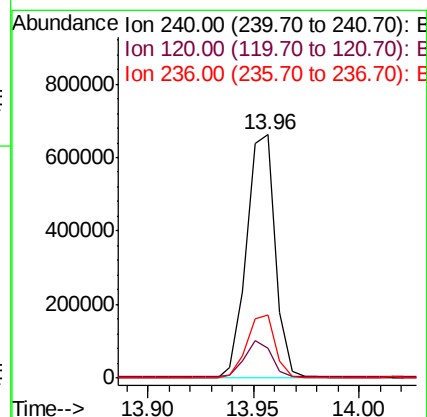
RT: 13.96 min Scan# 2018

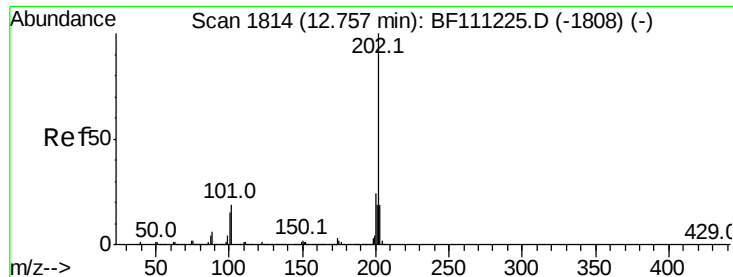
Delta R.T. -0.00 min

Lab File: BF111276.D

Acq: 11 Dec 2018 14:04

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	12.2	12.2	18.2
236	25.7	20.2	30.2





#78

Pvrene

Concen: 3.833 ng

RT: 12.76 min Scan# 1814

Delta R.T. -0.00 min

Lab File: BF111276.D

Acq: 11 Dec 2018 14:04

Instrument :

BNA_F

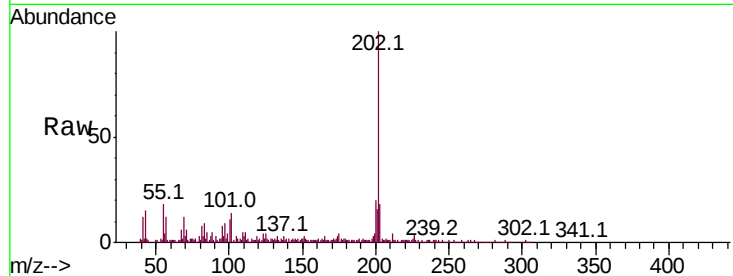
ClientSampleId :

EO-03-120718-A

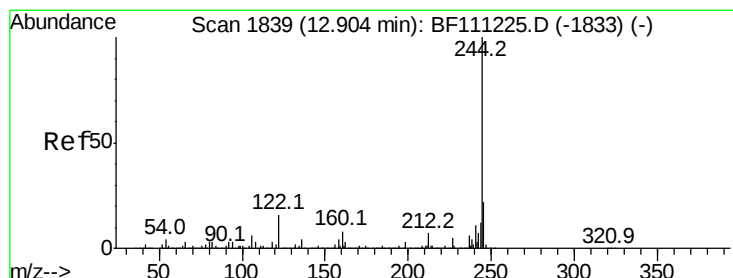
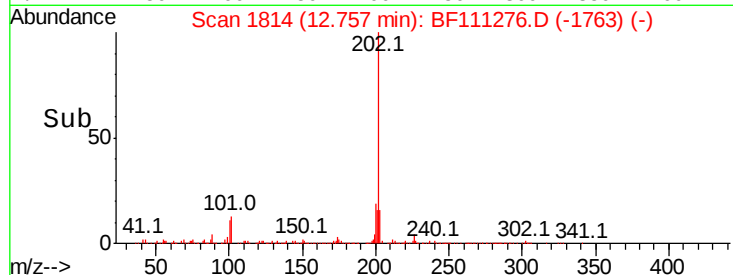
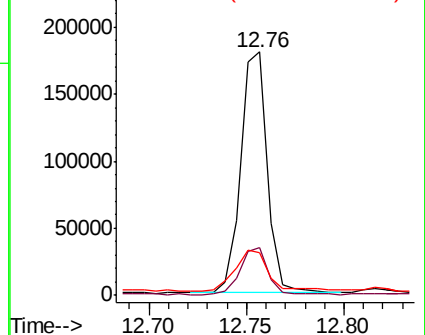
Tot Ion:	202	Resp:	169703
Ion Ratio	Lower	Upper	
202	100		
200	19.7	19.0	28.4
203	17.6	15.2	22.8

Manual Integrations
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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



#79

Terphenyl-d14

Concen: 40.664 ng

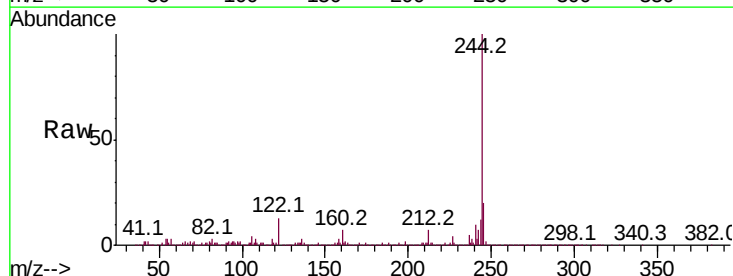
RT: 12.90 min Scan# 1839

Delta R.T. -0.00 min

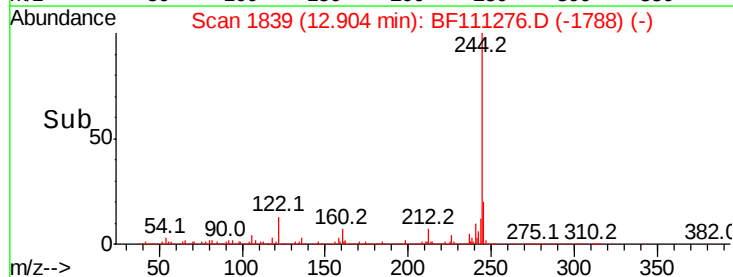
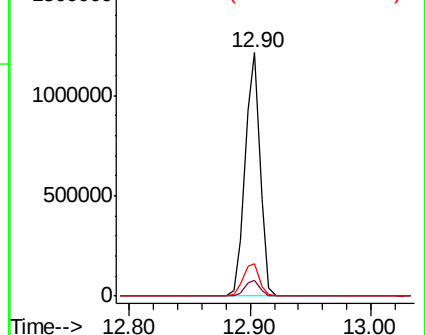
Lab File: BF111276.D

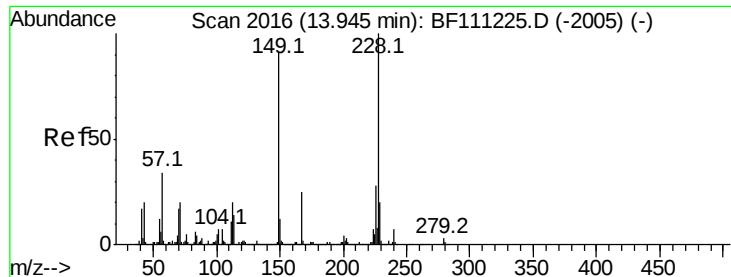
Acq: 11 Dec 2018 14:04

Tgt Ion:	244	Resp:	1050337
Ion Ratio	Lower	Upper	
244	100		
212	6.6	5.7	8.5
122	13.1	13.1	19.7



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





#81

Benzo(a)anthracene

Concen: 2.248 ng

RT: 13.94 min Scan# 2016

Delta R.T. -0.00 min

Lab File: BF111276.D

Acq: 11 Dec 2018 14:04

Instrument :

BNA_F

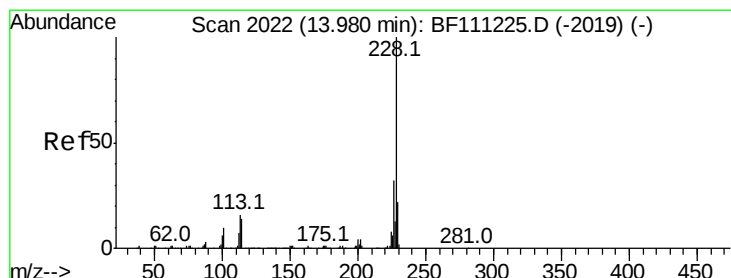
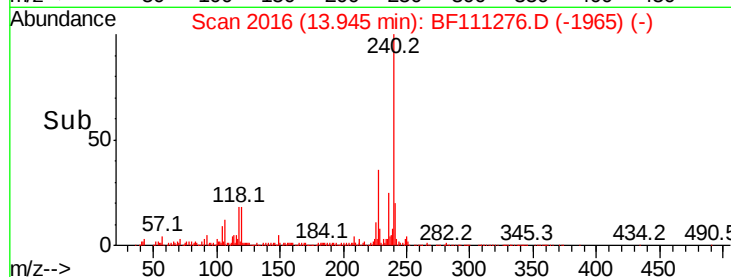
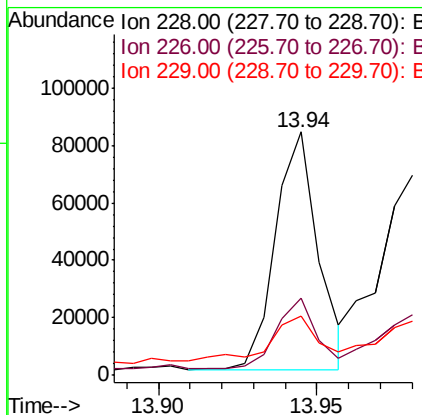
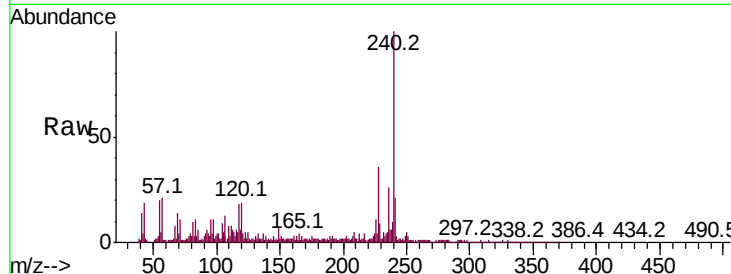
ClientSampleId :

EO-03-120718-A

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.7	22.6	34.0
229	24.6	16.3	24.5

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#83

Chrysene

Concen: 2.026 ng m

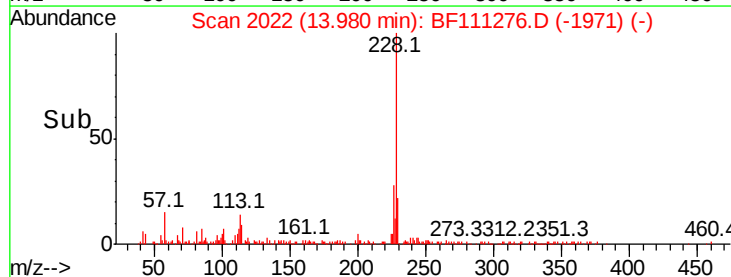
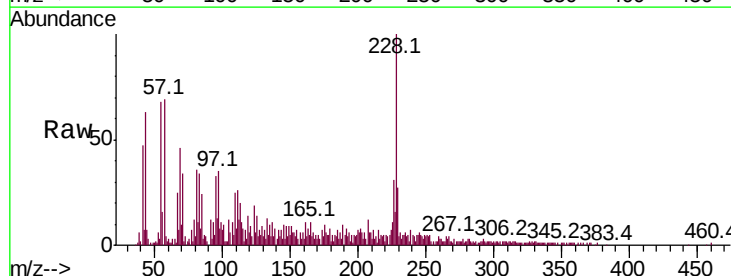
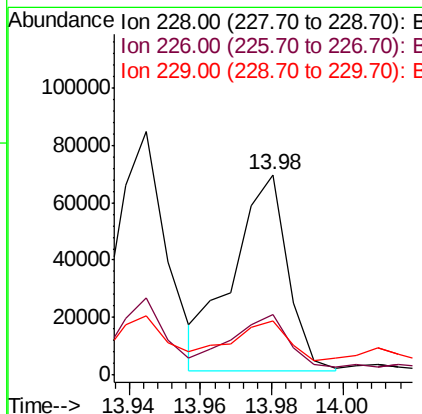
RT: 13.98 min Scan# 2022

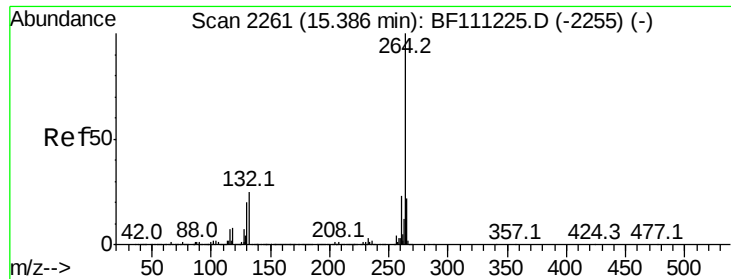
Delta R.T. -0.00 min

Lab File: BF111276.D

Acq: 11 Dec 2018 14:04

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.5	25.3	37.9
229	26.8	17.2	25.8





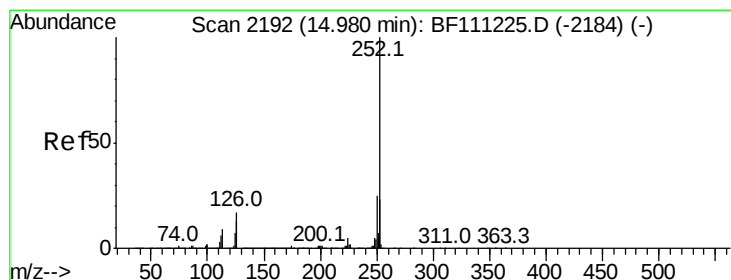
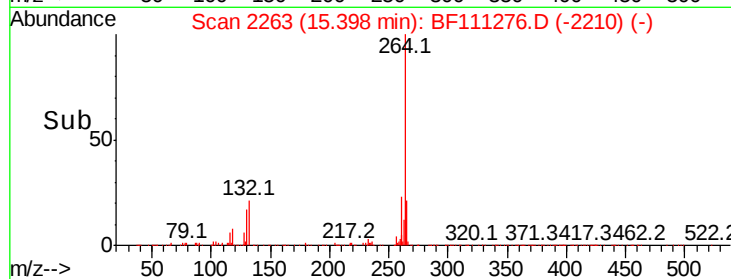
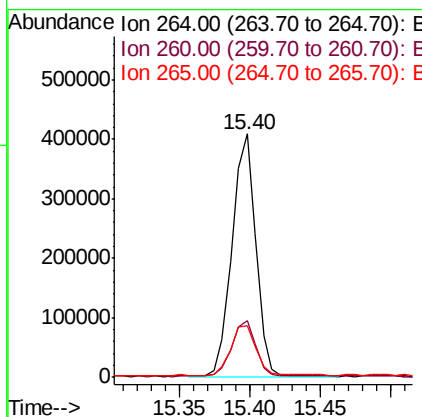
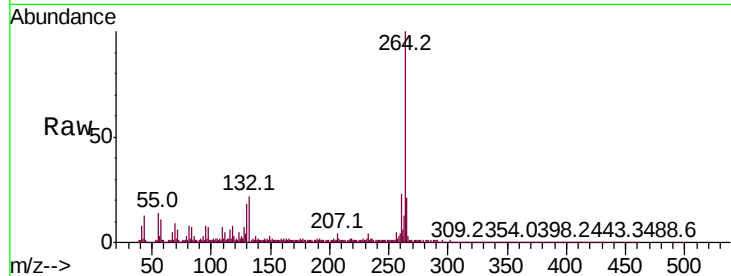
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.40 min Scan# 2263
Delta R.T. 0.01 min
Lab File: BF111276.D
Acq: 11 Dec 2018 14:04

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

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.3	27.5
265	21.4	17.7	26.5

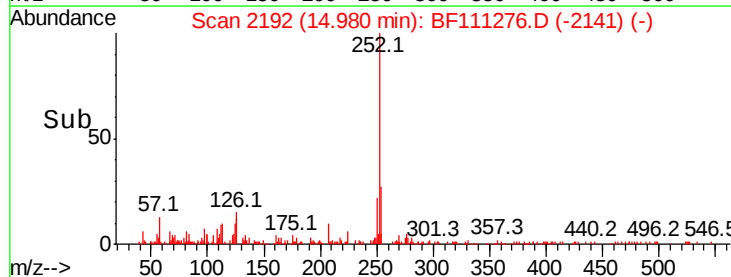
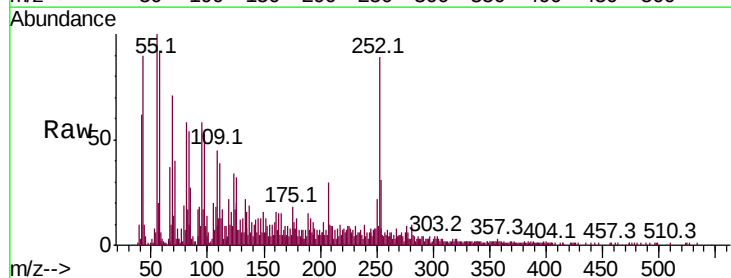
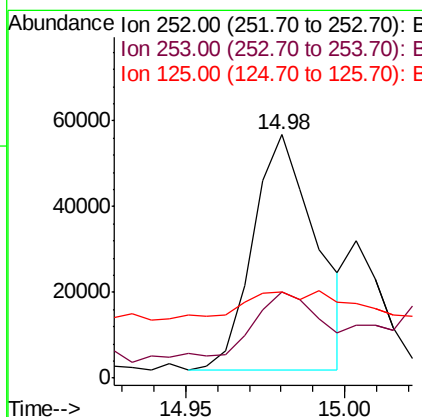
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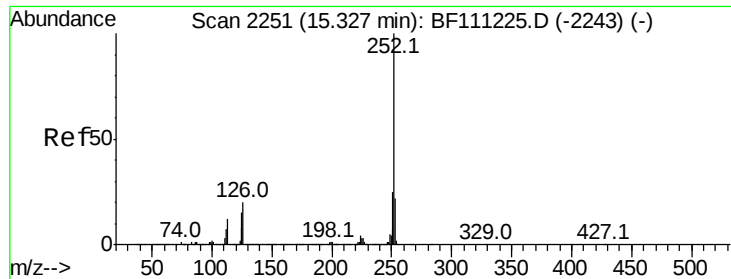
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#88
Benzo(b)fluoranthene
Concen: 2.913 ng m
RT: 14.98 min Scan# 2192
Delta R.T. -0.00 min
Lab File: BF111276.D
Acq: 11 Dec 2018 14:04

Tgt Ion	Ratio	Lower	Upper
252	100		
253	35.3	18.2	27.2#
125	35.6	10.4	15.6#





#90

Benzo(a)pyrene

Concen: 2.037 ng

RT: 15.33 min Scan# 2252

Delta R.T. 0.01 min

Lab File: BF111276.D

Acq: 11 Dec 2018 14:04

Instrument :

BNA_F

ClientSampleId :

EO-03-120718-A

Tot Ion:	252	Resp:	49590
Ion Ratio	Lower	Upper	
252	100		
253	29.8	17.8	26.8#
125	34.5	12.3	18.5#

Manual Integrations
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