

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121418\
 Data File : BF111419.D
 Acq On : 14 Dec 2018 15:27
 Operator : JU/SJ
 Sample : J6319-05
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 059_BT-3-1

Manual Integrations
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 12/17/2018 2:36:22 PM

Quant Time: Dec 14 16:43:17 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 14 13:26:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	170201	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	683392	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	344100	20.00	ng	0.00
64) Phenanthrene-d10	11.31	188	612752	20.00	ng	0.00
76) Chrysene-d12	13.94	240	385891	20.00	ng	0.00
87) Perylene-d12	15.39	264	342382	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	1412789	138.13	ng	0.00
7) Phenol-d6	6.44	99	1809202	132.98	ng	0.00
23) Nitrobenzene-d5	7.35	82	1109216	96.65	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	402049	130.43	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	1756140	78.83	ng	0.00
79) Terphenyl-d14	12.90	244	1532599	93.26	ng	0.00
Target Compounds						
10) Phenol	6.45	94	122760	8.100	ng	88
50) Dimethylphthalate	9.54	163	167843	6.773	ng	98
75) Fluoranthene	12.52	202	269711	8.732	ng	98
78) Pyrene	12.75	202	370935	13.634	ng	95
81) Benzo(a)anthracene	13.93	228	116901	5.571	ng	99
83) Chrysene	13.97	228	109473	4.953	ng	95
86) Indeno(1,2,3-cd)pyrene	16.79	276	61770	3.872	ng	# 91
88) Benzo(b)fluoranthene	14.97	252	120152m	6.019	ng	
89) Benzo(k)fluoranthene	14.99	252	46024m	2.413	ng	
90) Benzo(a)pyrene	15.32	252	101793	5.655	ng	98
92) Benzo(g,h,i)perylene	17.21	276	60834	4.365	ng	94

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

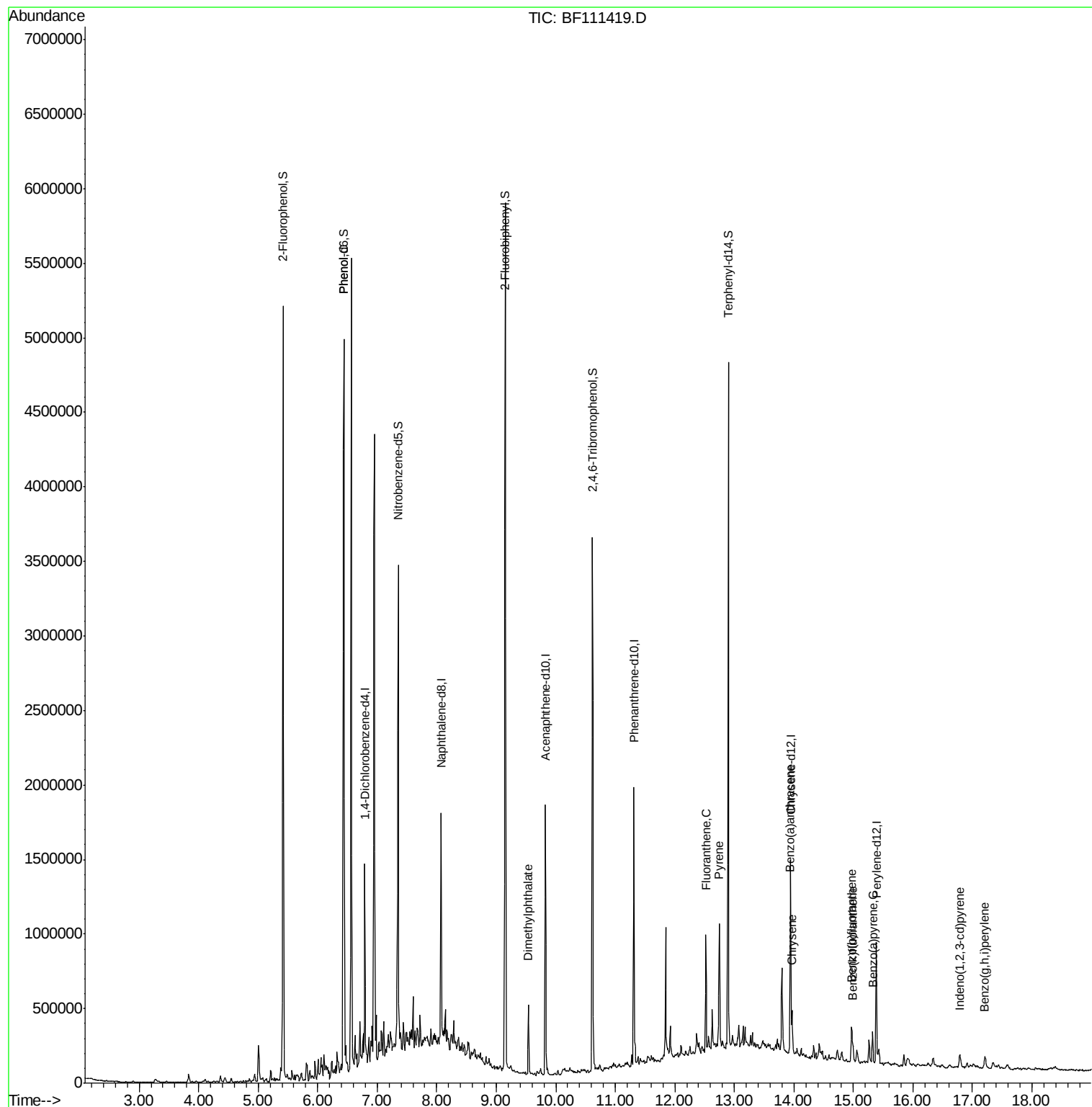
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121418\
Data File : BF111419.D
Acq On : 14 Dec 2018 15:27
Operator : JU/SJ
Sample : J6319-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

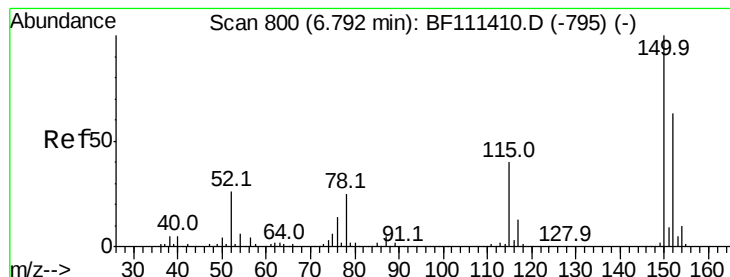
Instrument :
BNA_F
ClientSampleId :
059_BT-3-1

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Quant Time: Dec 14 16:43:17 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 14 13:26:17 2018
Response via : Initial Calibration





#1

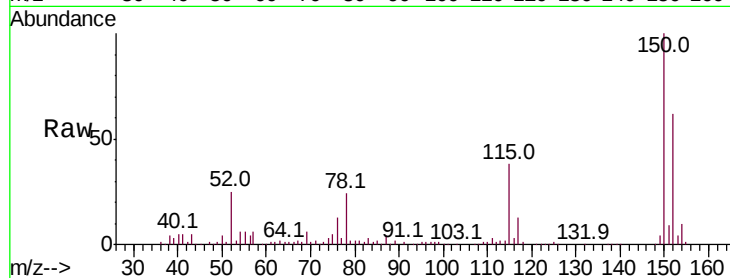
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF111419.D
Acq: 14 Dec 2018 15:27

Instrument :
BNA_F
ClientSampleId :
059_BT-3-1

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.4	126.6	189.8
115	60.9	50.7	76.1

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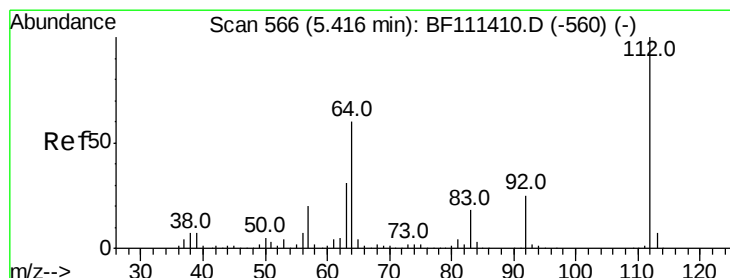
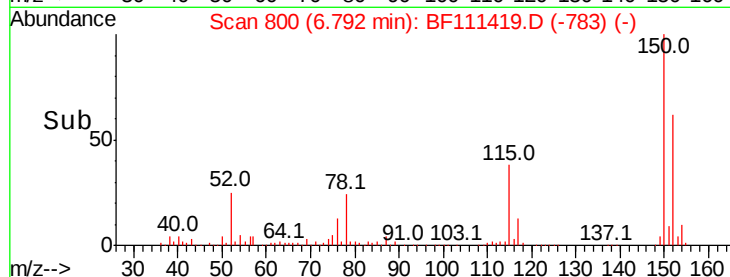
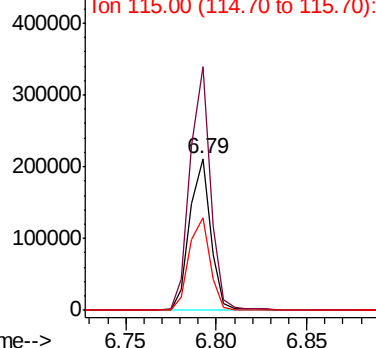


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

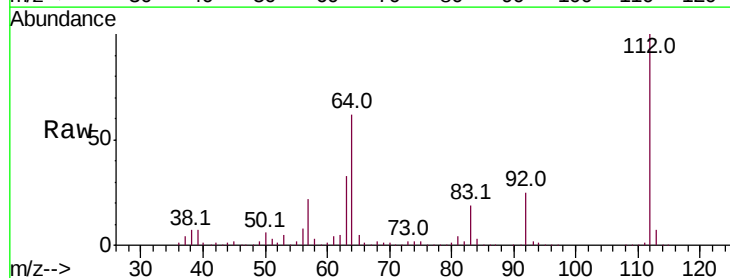
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 138.129 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF111419.D
Acq: 14 Dec 2018 15:27

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.1	51.8	77.6
63	32.9	26.8	40.2

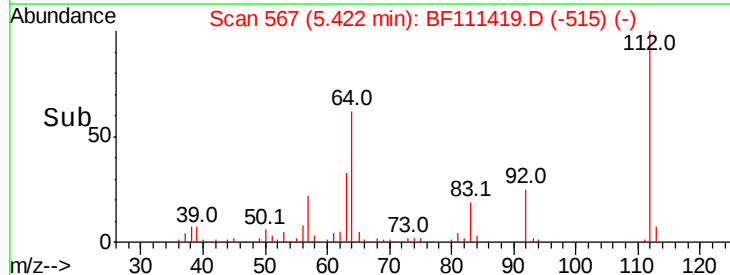
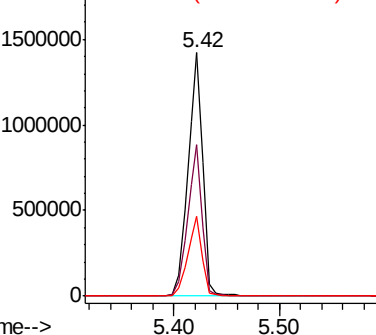


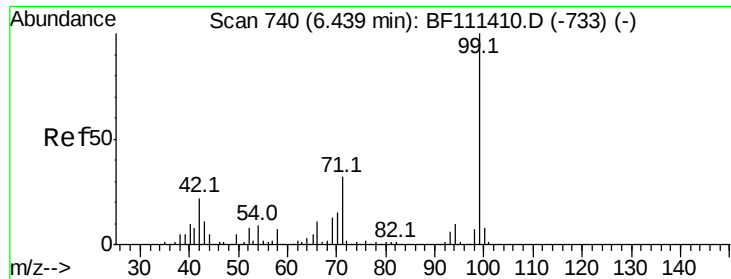
Abundance

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: 132.980 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF111419.D

Acq: 14 Dec 2018 15:27

Instrument :

BNA_F

ClientSampleId :

059_BT-3-1

Tot Ion: 99 Resp: 1809202

Ion Ratio Lower Upper

99 100

42 22.1 17.4 26.0

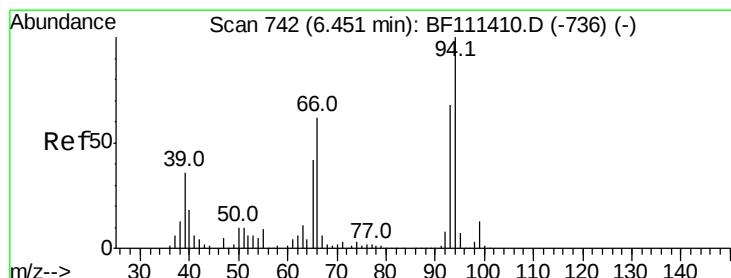
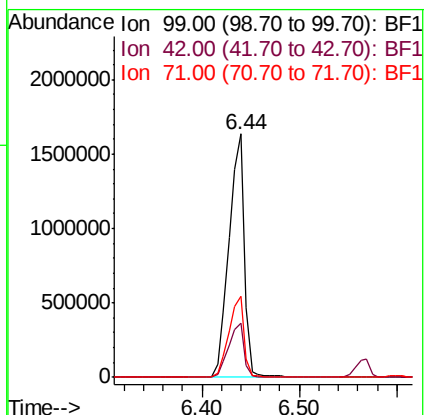
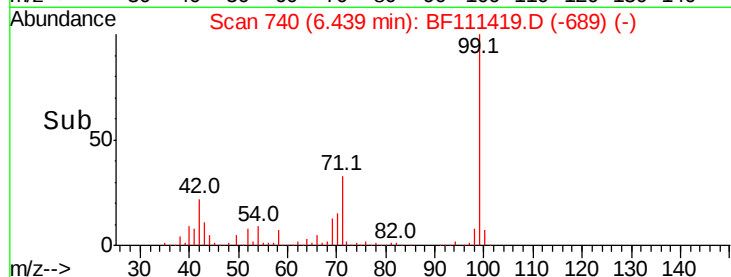
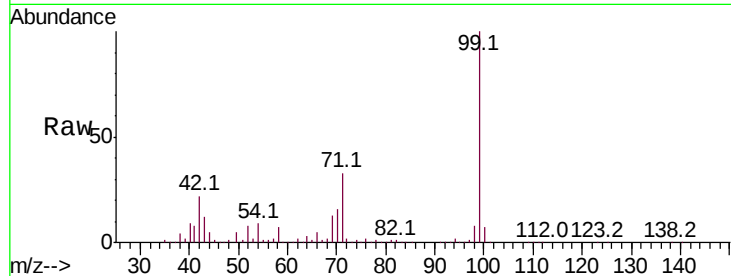
71 33.3 26.1 39.1

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#10

Phenol

Concen: 8.100 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF111419.D

Acq: 14 Dec 2018 15:27

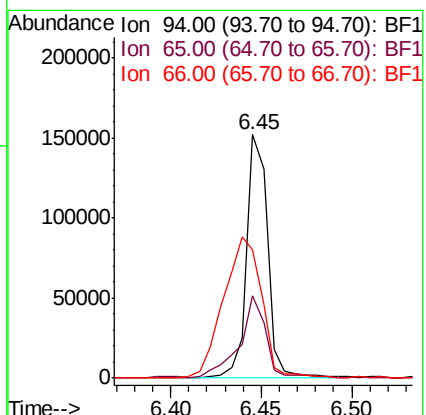
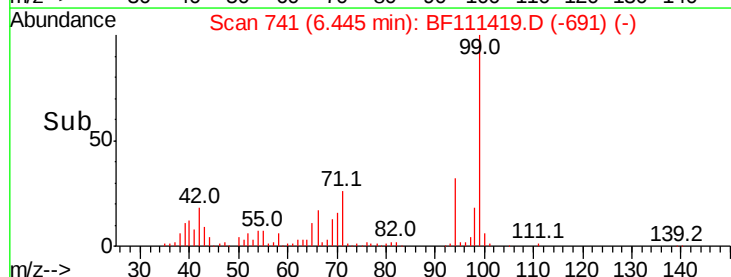
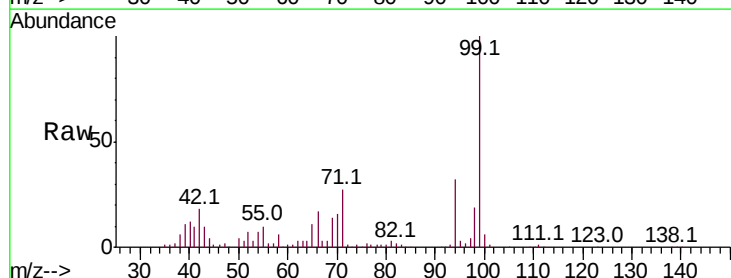
Tgt Ion: 94 Resp: 122760

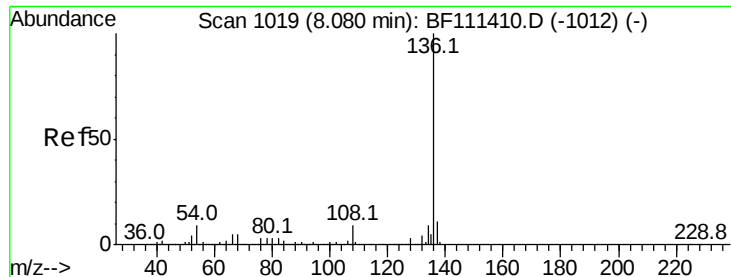
Ion Ratio Lower Upper

94 100

65 34.0 11.7 51.7

66 52.8 21.0 61.0





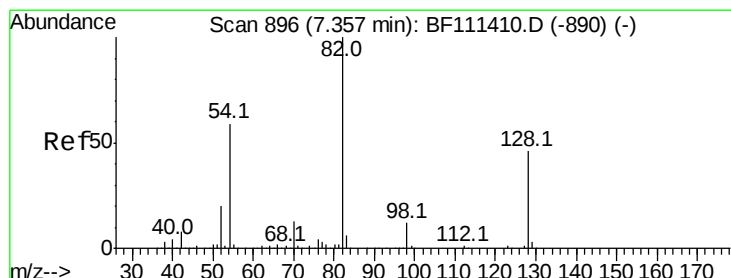
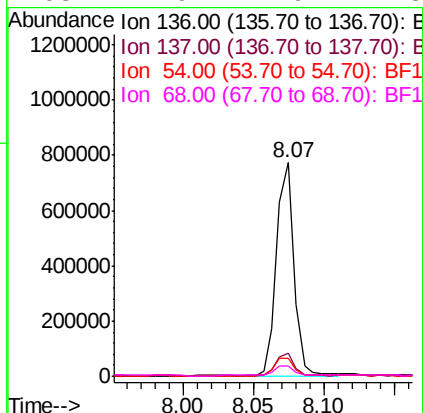
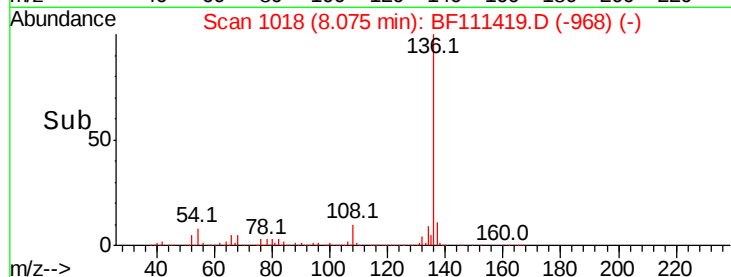
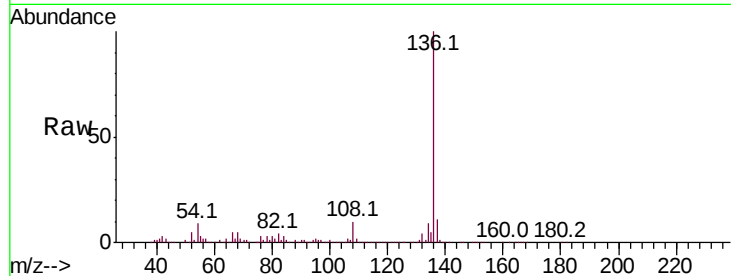
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF111419.D
Acq: 14 Dec 2018 15:27

Instrument :
BNA_F
ClientSampleId :
059_BT-3-1

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.1	9.1	13.7	
54	8.7	7.7	11.5	
68	4.9	4.9	7.3	

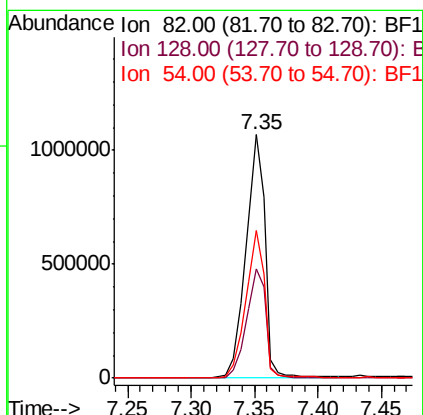
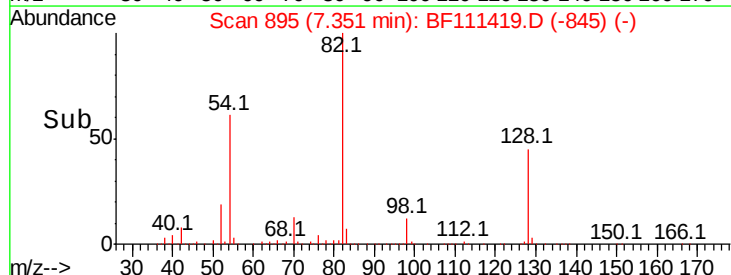
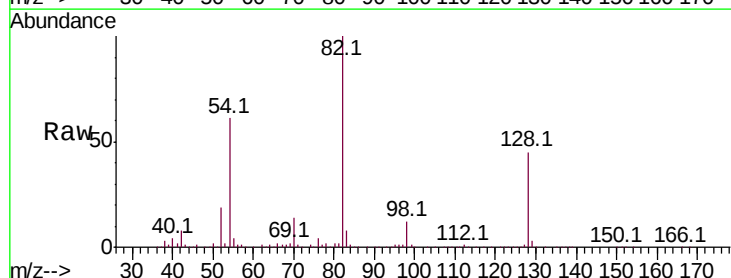
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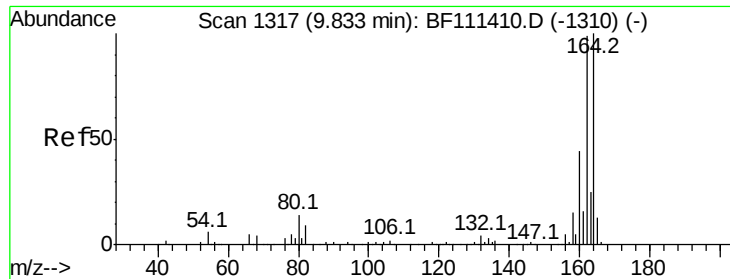
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#23
Nitrobenzene-d5
Concen: 96.654 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.01 min
Lab File: BF111419.D
Acq: 14 Dec 2018 15:27

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	44.9	37.4	56.2	
54	60.9	47.6	71.4	





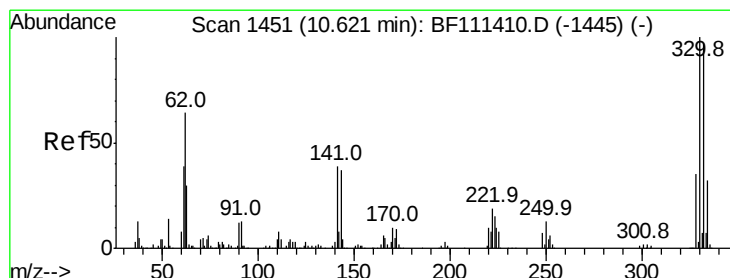
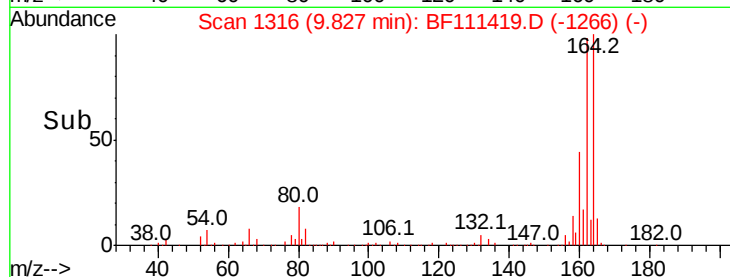
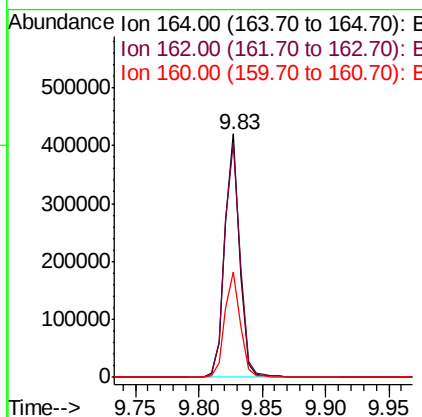
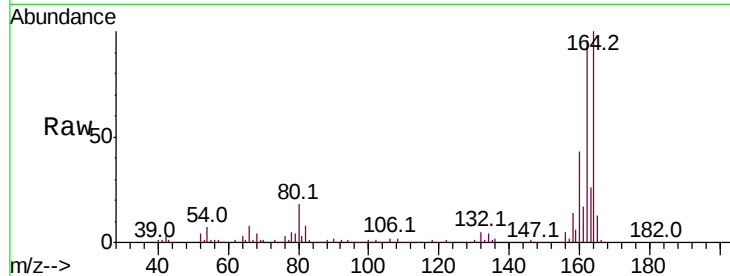
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF111419.D
Acq: 14 Dec 2018 15:27

Instrument :
BNA_F
ClientSampleId :
059_BT-3-1

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	96.4	81.4	122.0	
160	43.4	35.7	53.5	

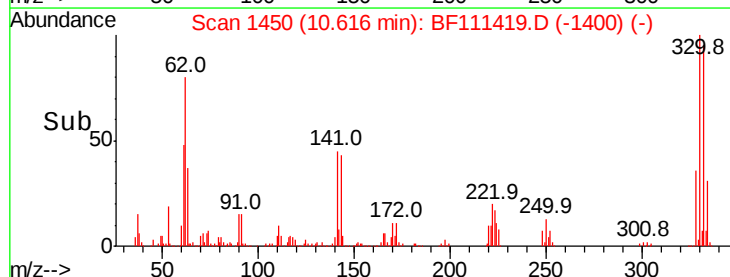
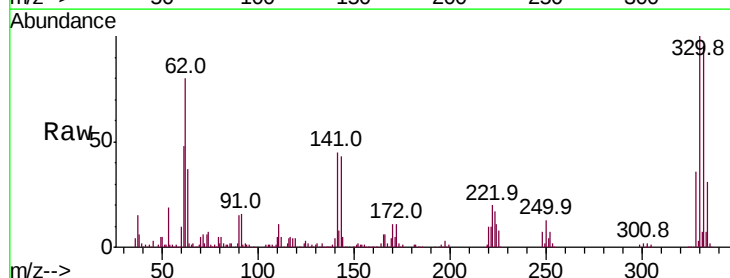
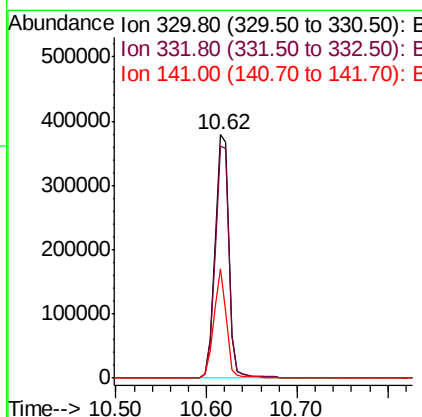
Manual Integrations
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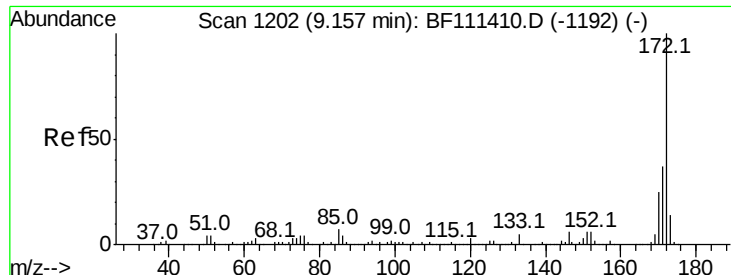
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#42
2,4,6-Tribromophenol
Concen: 130.434 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.01 min
Lab File: BF111419.D
Acq: 14 Dec 2018 15:27

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.3	76.0	114.0	
141	41.4	31.0	46.6	





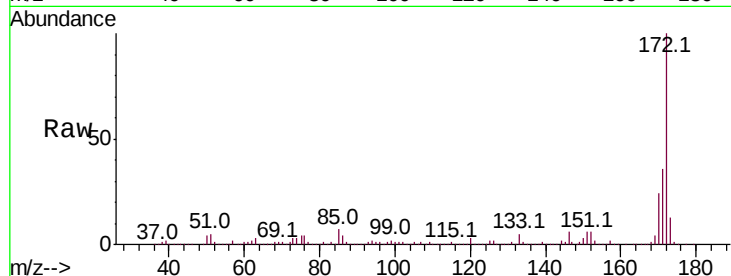
#45
2-Fluorobiphenyl
Concen: 78.832 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BF111419.D
Acq: 14 Dec 2018 15:27

Instrument :
BNA_F
ClientSampleId :
059_BT-3-1

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.0	33.0	49.4
170	24.1	22.3	33.5

Manual Integrations
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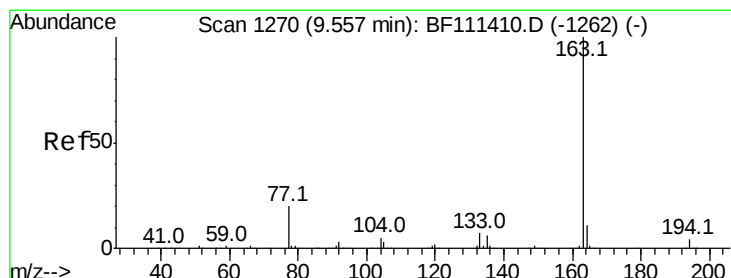
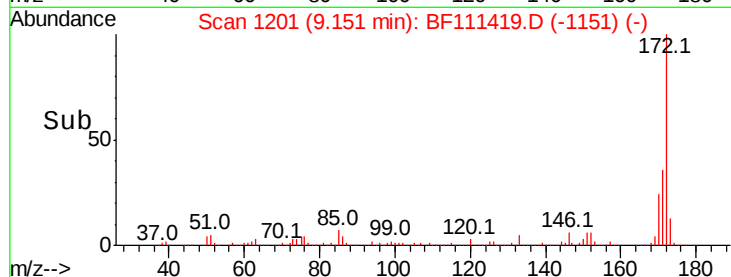
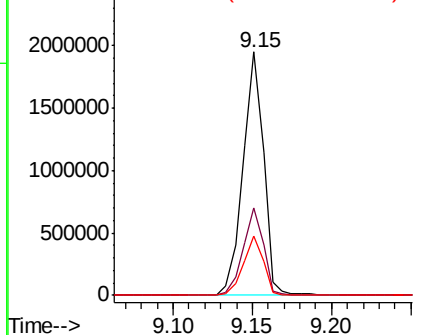


Abundance

Ion 172.00 (171.70 to 172.70): E

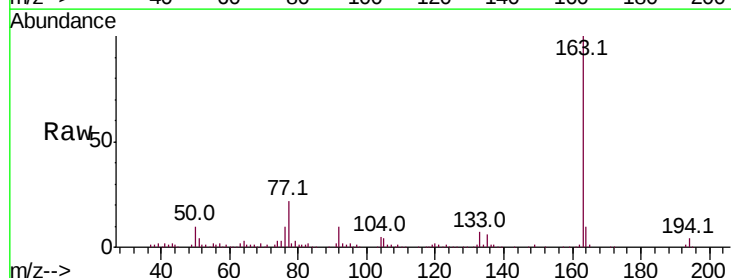
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#50
Dimethylphthalate
Concen: 6.773 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.02 min
Lab File: BF111419.D
Acq: 14 Dec 2018 15:27

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.0	4.6
164	10.3	8.9	13.3

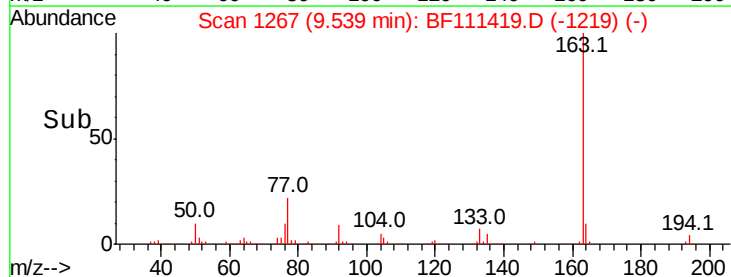
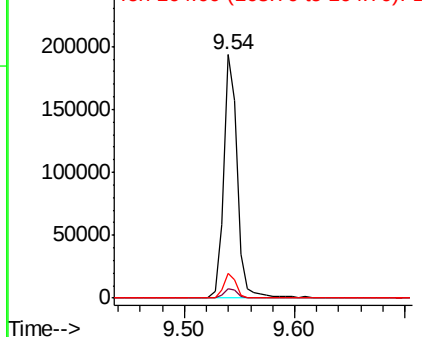


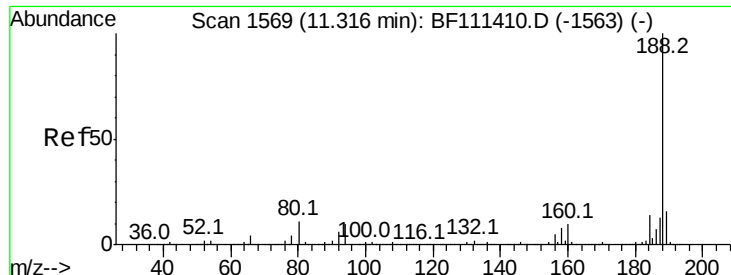
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





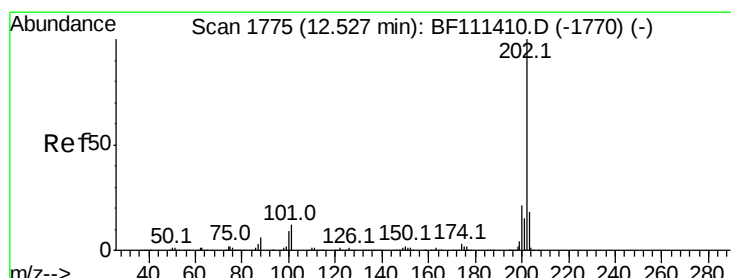
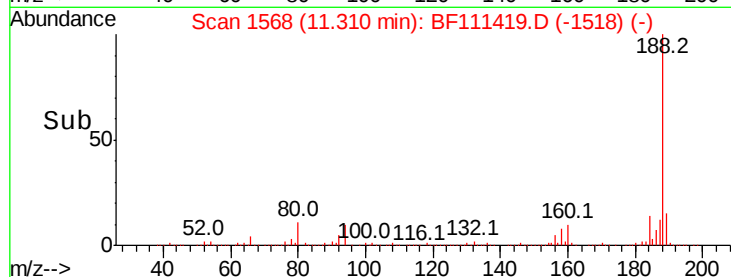
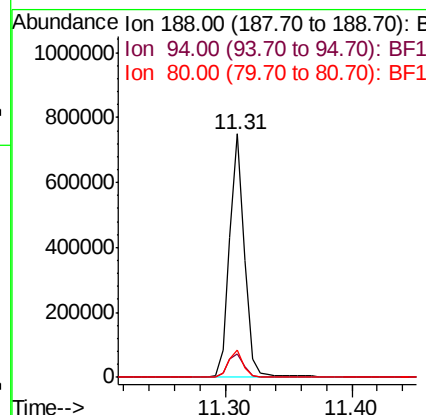
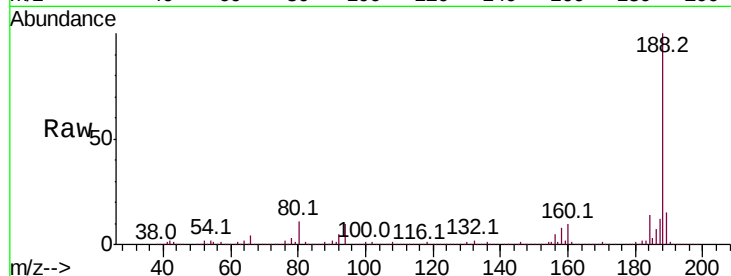
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF111419.D
Acq: 14 Dec 2018 15:27

Instrument :
BNA_F
ClientSampleId :
059_BT-3-1

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	9.7	9.6	14.4
80	11.0	9.8	14.6

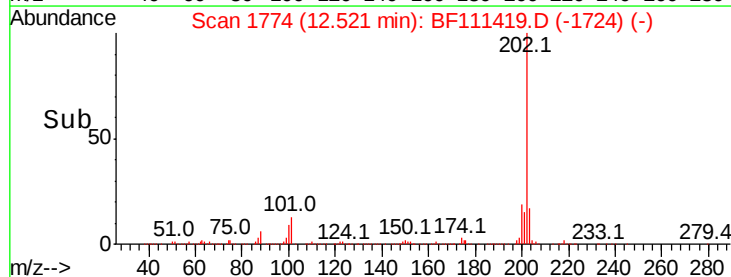
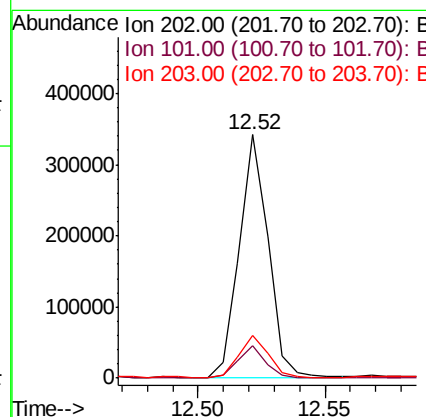
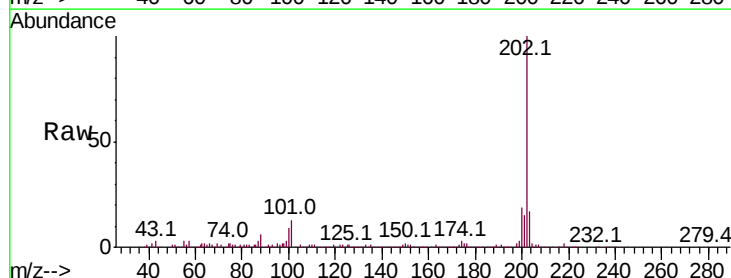
Manual Integrations
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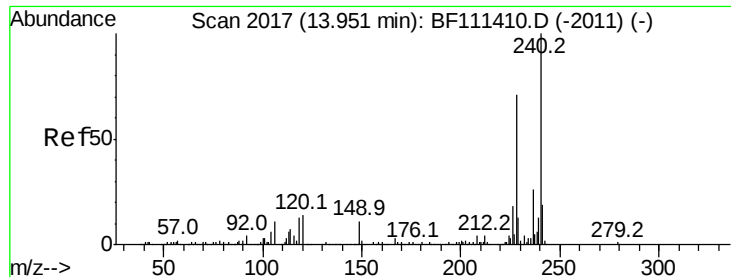
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#75
Fluoranthene
Concen: 8.732 ng
RT: 12.52 min Scan# 1774
Delta R.T. -0.01 min
Lab File: BF111419.D
Acq: 14 Dec 2018 15:27

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	13.3	0.0	33.8
203	17.3	0.0	38.6





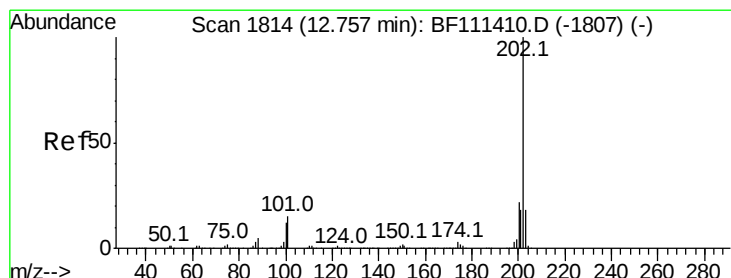
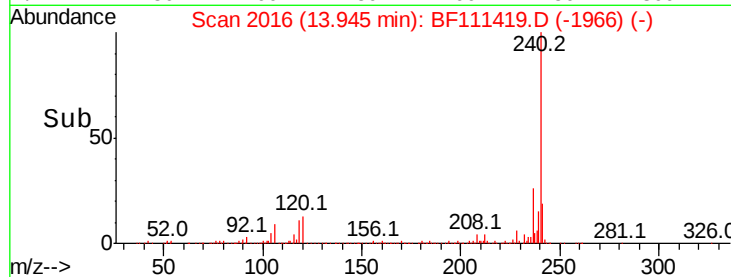
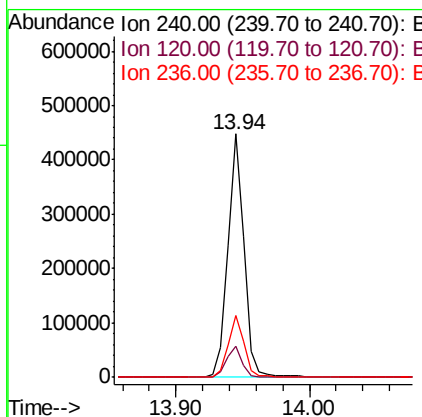
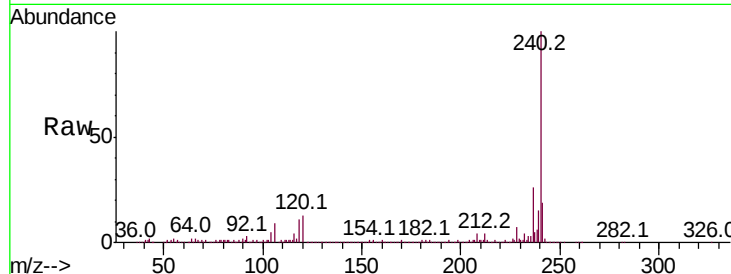
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.94 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BF111419.D
Acq: 14 Dec 2018 15:27

Instrument :
BNA_F
ClientSampleId :
059_BT-3-1

Tot Ion	Ratio	Resp	Lower	Upper
240	100	385891		
120	12.9		12.2	18.2
236	25.6		20.2	30.2

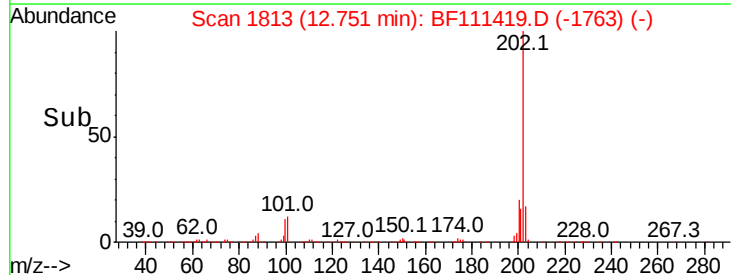
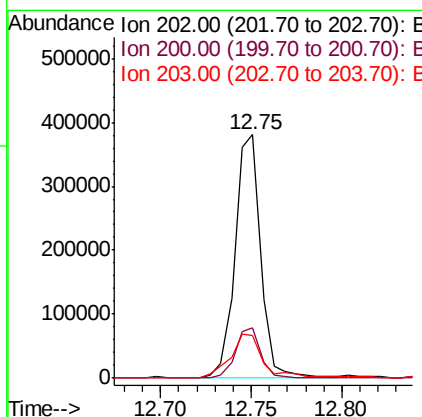
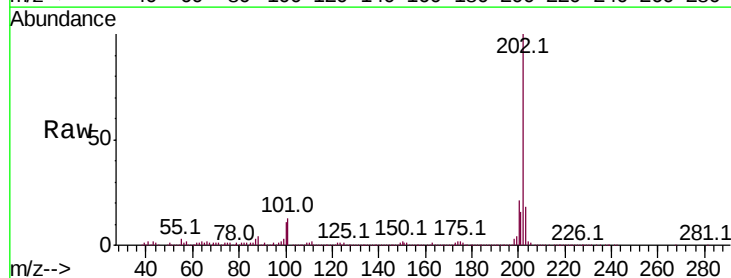
Manual Integrations
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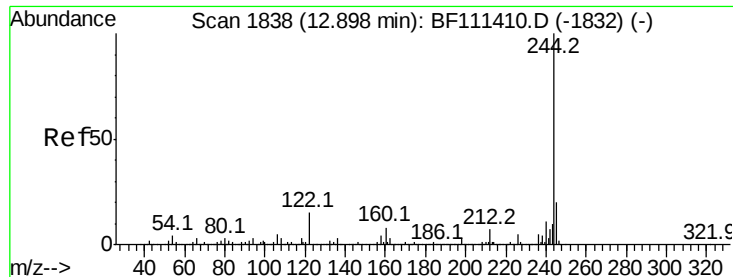
Sohil
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#78
Pyrene
Concen: 13.634 ng
RT: 12.75 min Scan# 1813
Delta R.T. -0.01 min
Lab File: BF111419.D
Acq: 14 Dec 2018 15:27

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	370935		
200	20.5		19.0	28.4
203	17.6		15.2	22.8





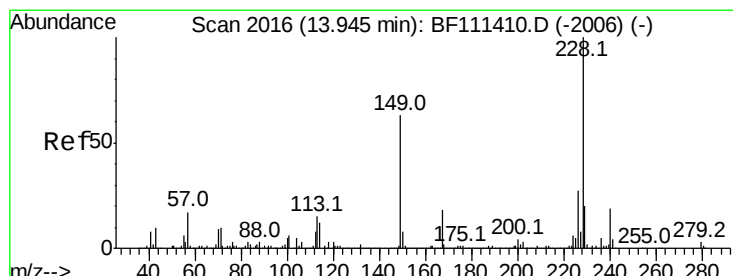
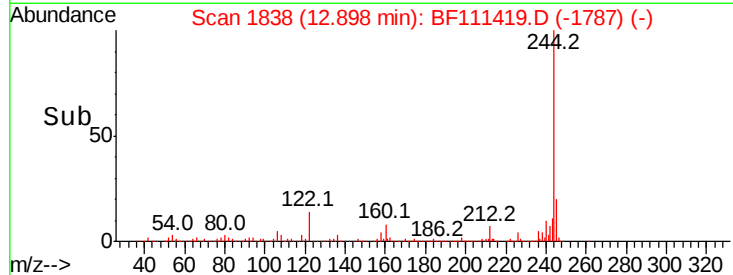
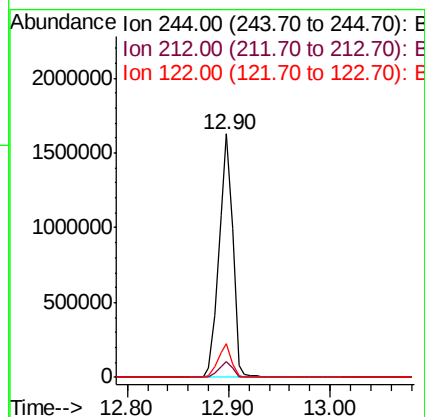
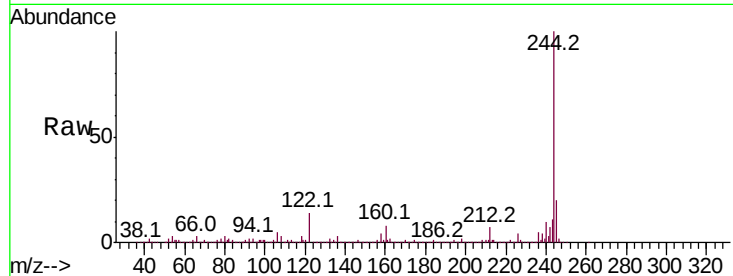
#79
 Terphenyl-d14
 Concen: 93.262 ng
 RT: 12.90 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: BF111419.D
 Acq: 14 Dec 2018 15:27

Instrument :
 BNA_F
 ClientSampleId :
 059_BT-3-1

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.7	8.5
122	13.7	13.1	19.7

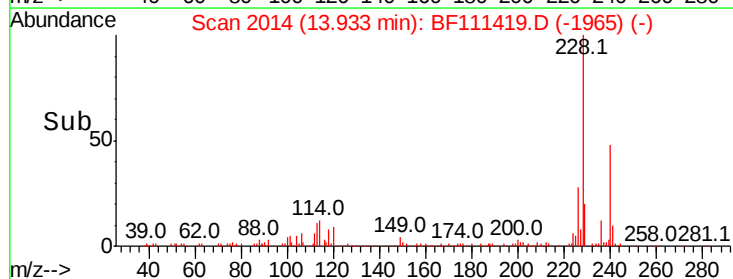
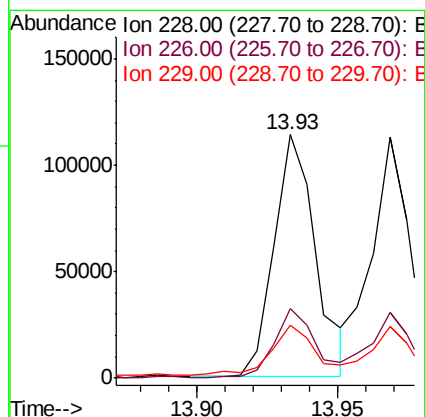
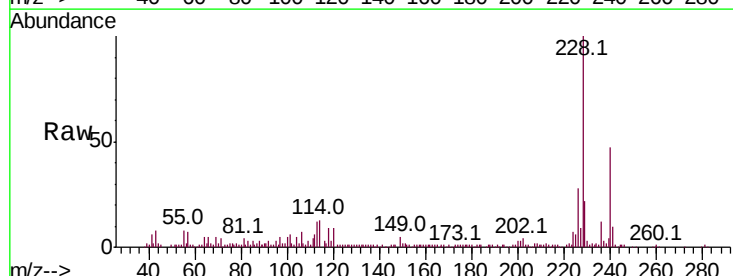
Manual Integrations
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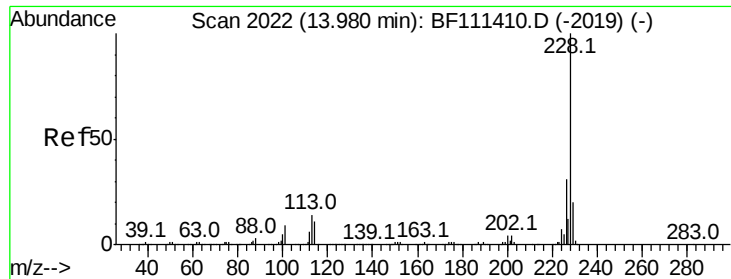
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#81
 Benzo(a)anthracene
 Concen: 5.571 ng
 RT: 13.93 min Scan# 2014
 Delta R.T. -0.01 min
 Lab File: BF111419.D
 Acq: 14 Dec 2018 15:27

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.4	22.6	34.0
229	21.8	16.3	24.5





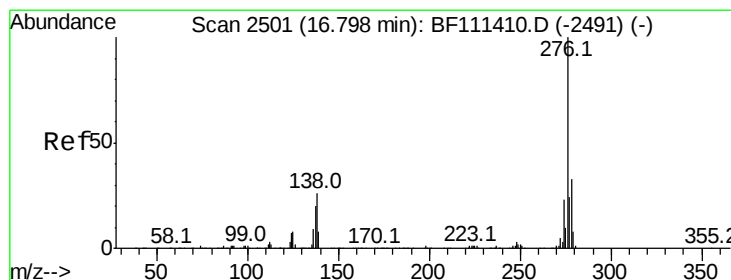
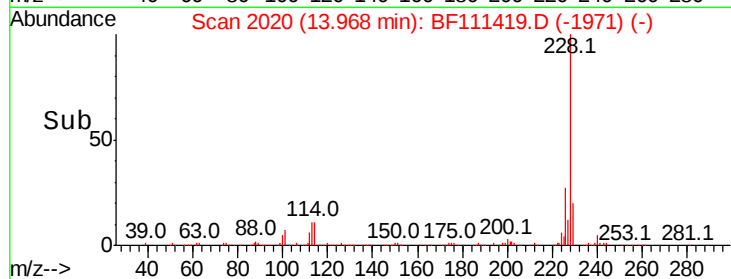
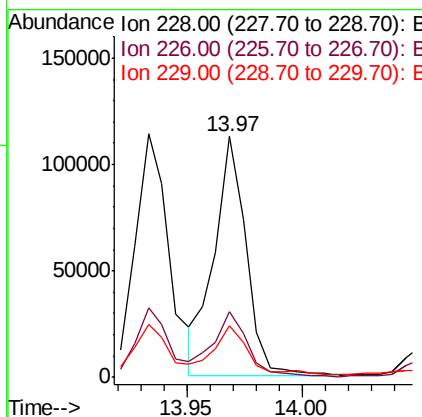
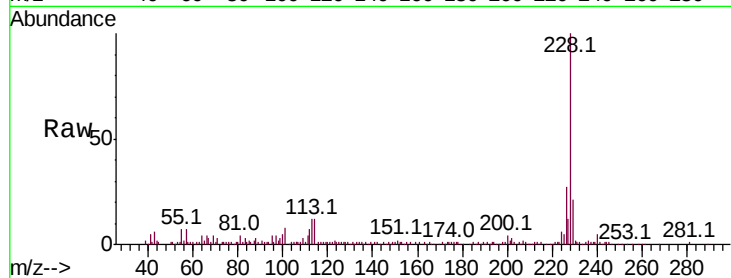
#83
Chrysene
Concen: 4.953 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF111419.D
Acq: 14 Dec 2018 15:27

Instrument :
BNA_F
ClientSampled :
059_BT-3-1

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.5	25.3	37.9
229	21.2	17.2	25.8

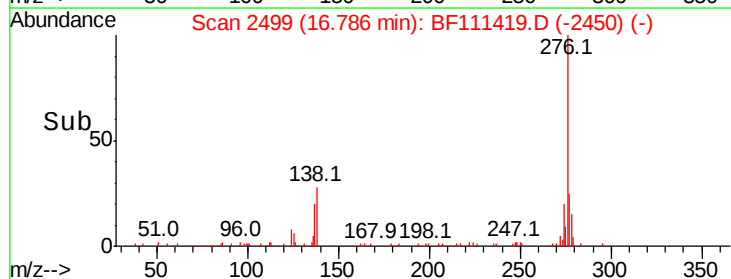
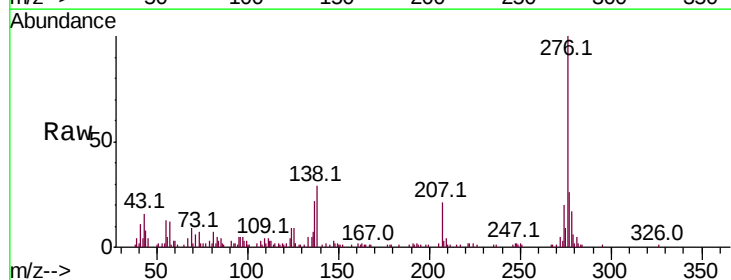
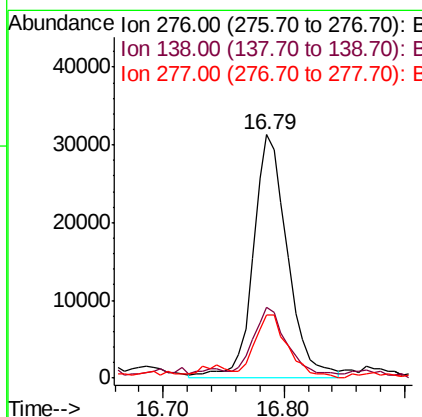
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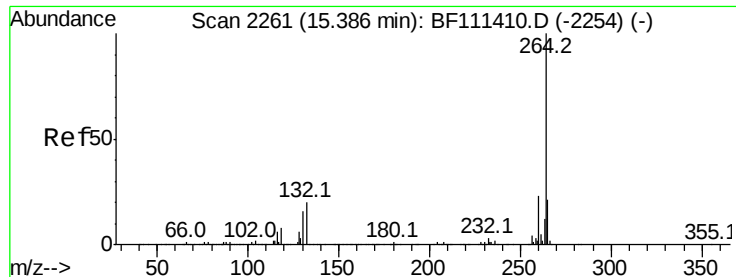
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#86
Indeno(1,2,3-cd)pyrene
Concen: 3.872 ng
RT: 16.79 min Scan# 2499
Delta R.T. -0.01 min
Lab File: BF111419.D
Acq: 14 Dec 2018 15:27

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.9	27.8	41.6#
277	25.2	20.1	30.1





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.39 min Scan# 2261

Delta R.T. 0.00 min

Lab File: BF111419.D

Acq: 14 Dec 2018 15:27

Instrument :

BNA_F

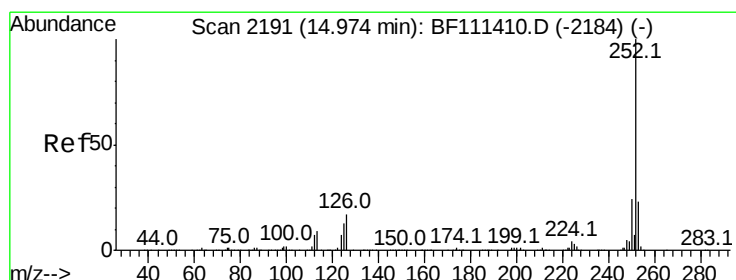
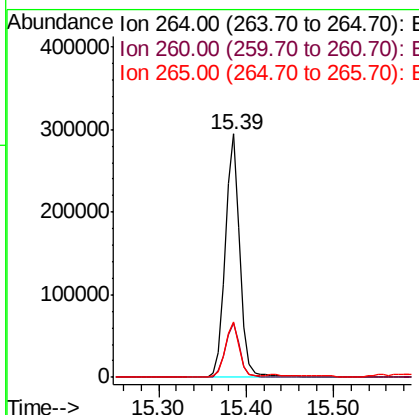
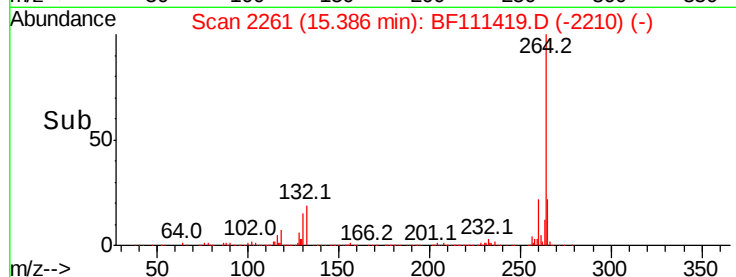
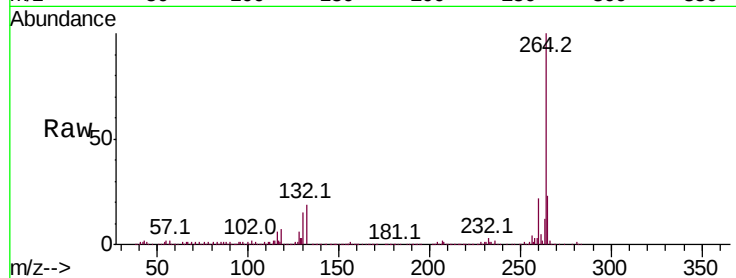
ClientSampleId :

059_BT-3-1

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.5	18.3	27.5
265	22.6	17.7	26.5

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#88

Benzo(b)fluoranthene

Concen: 6.019 ng m

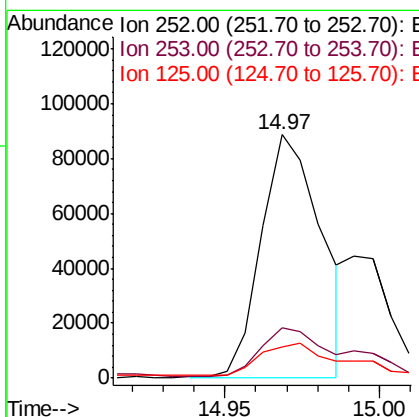
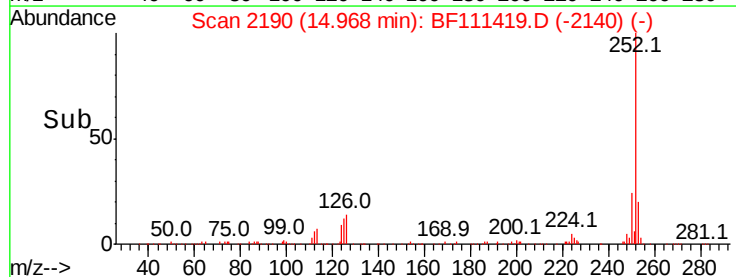
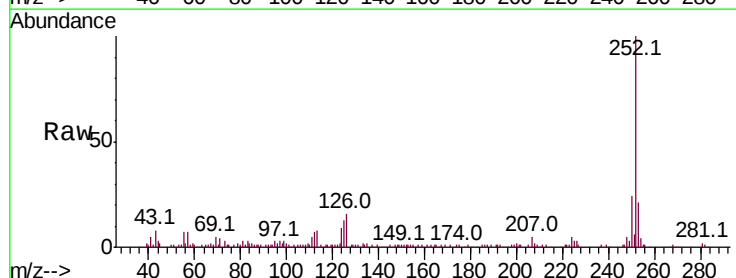
RT: 14.97 min Scan# 2190

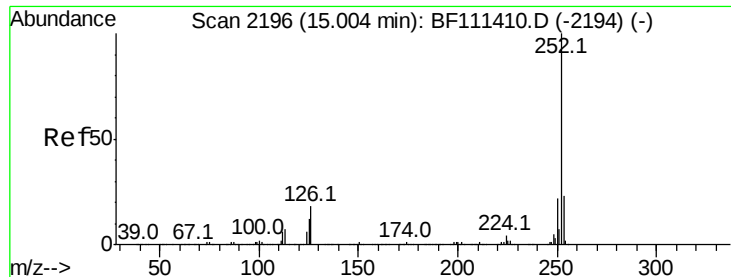
Delta R.T. -0.01 min

Lab File: BF111419.D

Acq: 14 Dec 2018 15:27

Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.9	18.2	27.2
125	12.6	10.4	15.6





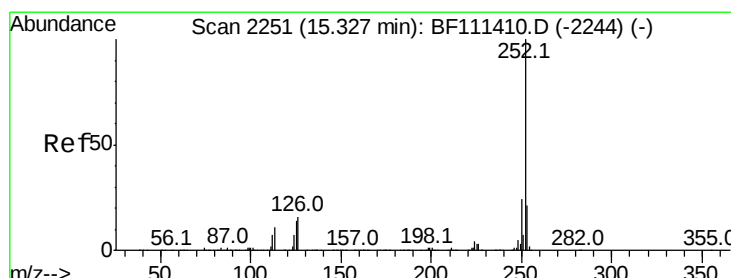
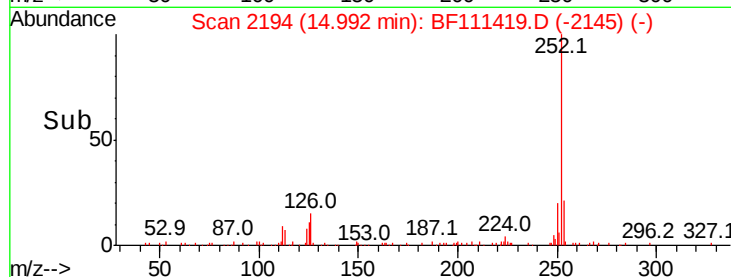
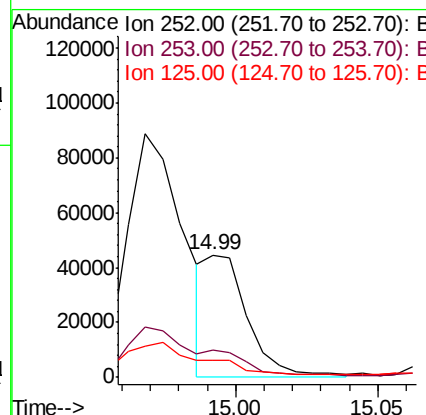
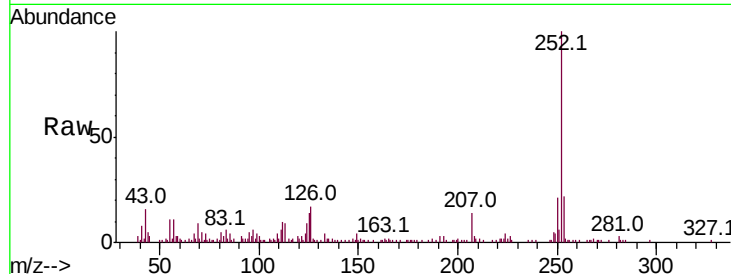
#89
Benzo(k)fluoranthene
Concen: 2.413 ng m
RT: 14.99 min Scan# 2194
Delta R.T. -0.01 min
Lab File: BF111419.D
Acq: 14 Dec 2018 15:27

Instrument :
BNA_F
ClientSampleId :
059_BT-3-1

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.1	27.1
125	14.3	9.8	14.8

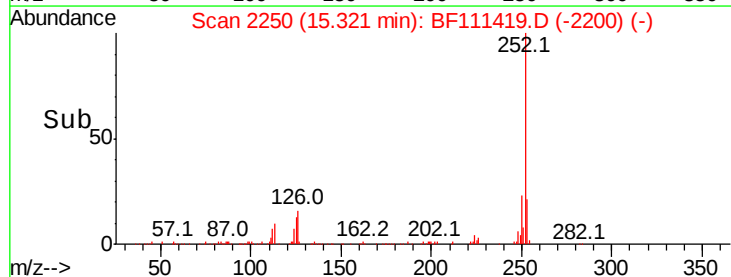
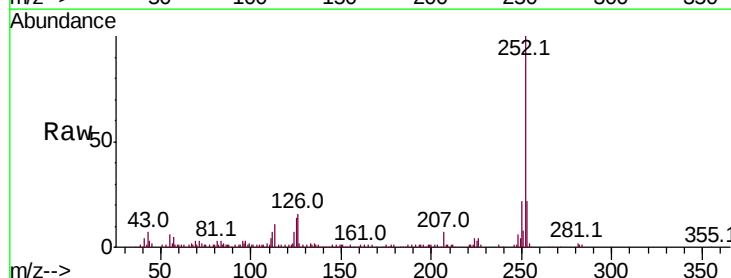
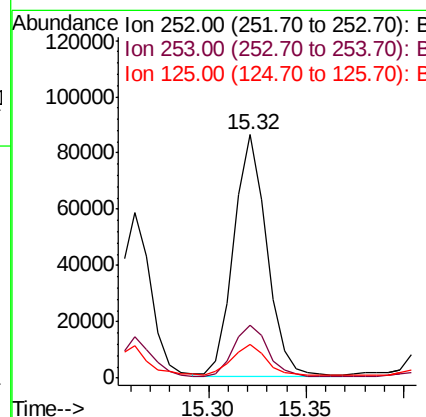
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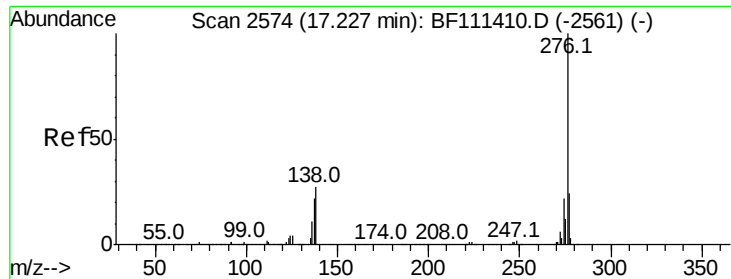
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#90
Benzo(a)pyrene
Concen: 5.655 ng
RT: 15.32 min Scan# 2250
Delta R.T. -0.01 min
Lab File: BF111419.D
Acq: 14 Dec 2018 15:27

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.8	26.8
125	13.8	12.3	18.5





#92
 Benzo(a,h,i)perylene
 Concen: 4.365 ng
 RT: 17.21 min Scan# 2571
 Delta R.T. -0.02 min
 Lab File: BF111419.D
 Acq: 14 Dec 2018 15:27

Instrument :
 BNA_F
 ClientSampleId :
 059_BT-3-1

Tot Ion	Ratio	Lower	Upper
276	100		
277	21.9	19.2	28.8
138	26.6	24.9	37.3

Manual Integrations
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 12/17/2018 2:36:22 PM

