

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121518\
 Data File : BF111459.D
 Acq On : 15 Dec 2018 10:55
 Operator : JU/SJ
 Sample : J6208-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1

Manual Integrations
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Sohil
 12/17/2018 3:12:33 PM

Quant Time: Dec 16 00:54:46 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	149877	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	595281	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	290544	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	517303	20.00	ng	0.00
76) Chrysene-d12	13.95	240	337217	20.00	ng	0.00
87) Perylene-d12	15.39	264	321485	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	1208589	134.19	ng	0.01
7) Phenol-d6	6.44	99	1551361	129.49	ng	0.00
23) Nitrobenzene-d5	7.36	82	950235	95.06	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	315759	121.32	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	1390093	73.90	ng	0.00
79) Terphenyl-d14	12.90	244	1206683	84.03	ng	0.00
Target Compounds						
10) Phenol	6.45	94	106140	7.953	ng	99
50) Dimethylphthalate	9.55	163	189372	9.050	ng	98
71) Phenanthrene	11.33	178	111224m	4.173	ng	
75) Fluoranthene	12.52	202	259236	9.941	ng	97
78) Pyrene	12.75	202	223368	9.395	ng	95
81) Benzo(a)anthracene	13.94	228	90939	4.960	ng	99
83) Chrysene	13.97	228	82195	4.255	ng	98
86) Indeno(1,2,3-cd)pyrene	16.80	276	52135	3.740	ng	92
88) Benzo(b)fluoranthene	14.97	252	108544m	5.791	ng	
90) Benzo(a)pyrene	15.33	252	73341	4.339	ng	99
92) Benzo(g,h,i)perylene	17.23	276	51483	3.934	ng	94

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

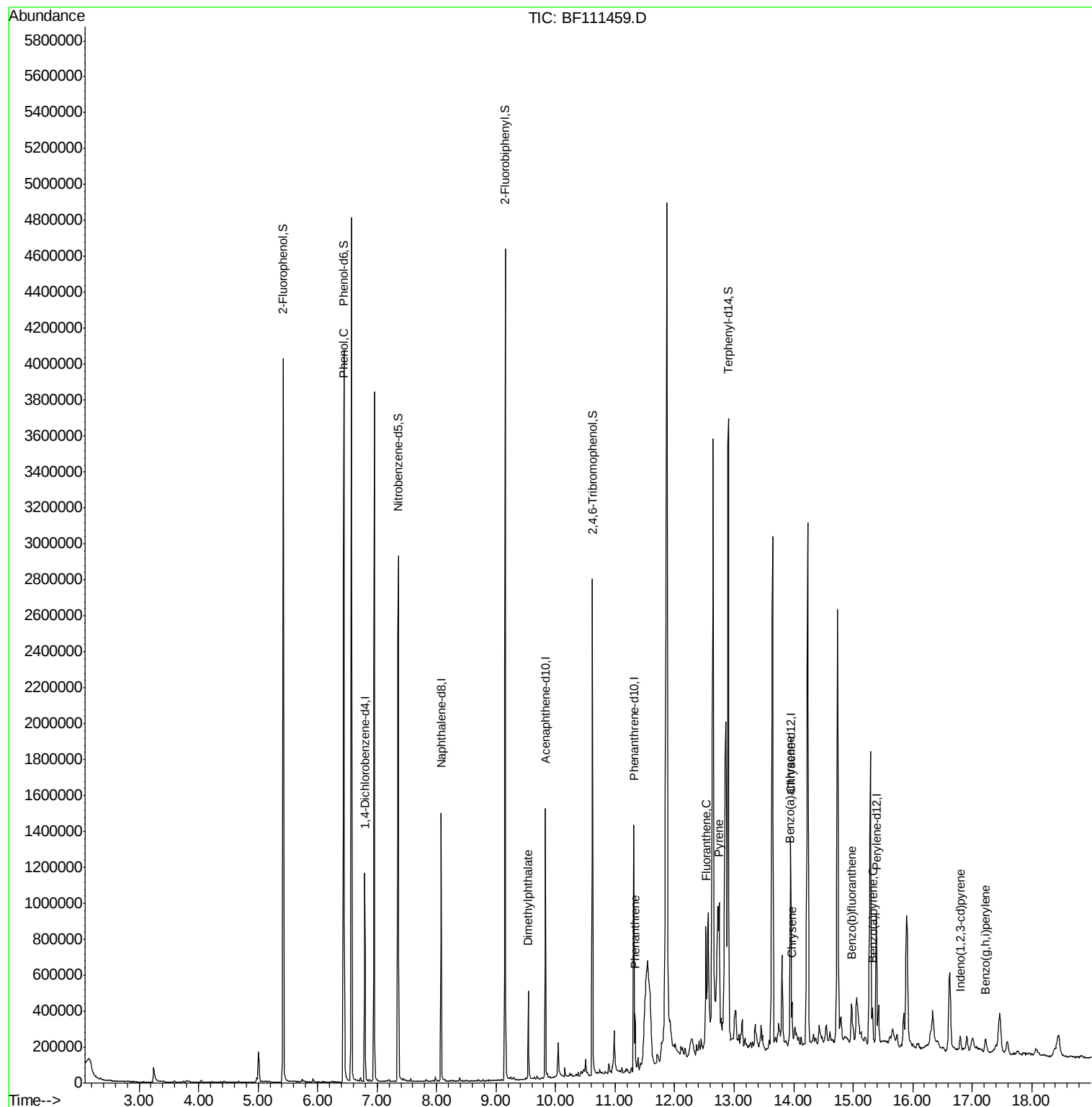
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121518\
Data File : BF111459.D
Acq On : 15 Dec 2018 10:55
Operator : JU/SJ
Sample : J6208-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

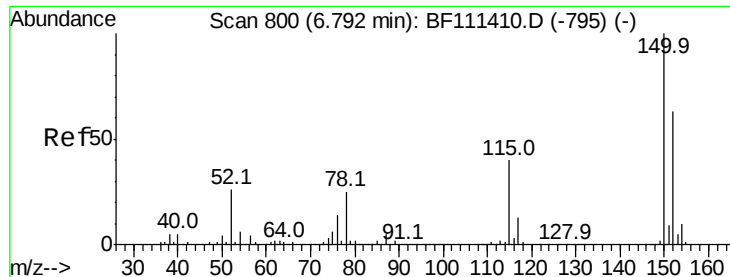
Instrument :
BNA_F
ClientSampleId :
TP-1

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#1

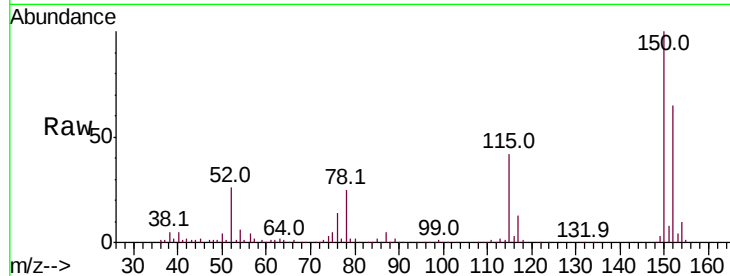
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.00 min
Lab File: BF111459.D
Acq: 15 Dec 2018 10:55

Instrument :
BNA_F
ClientSampled :
TP-1

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.5	126.6	189.8
115	64.5	50.7	76.1

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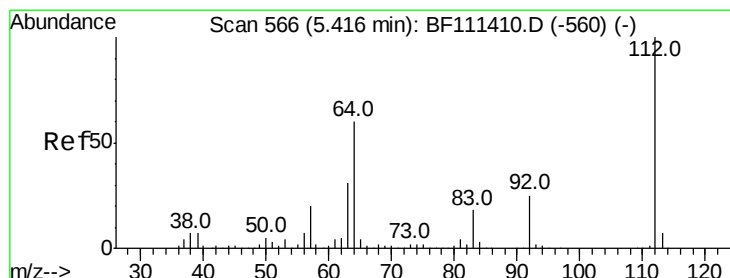
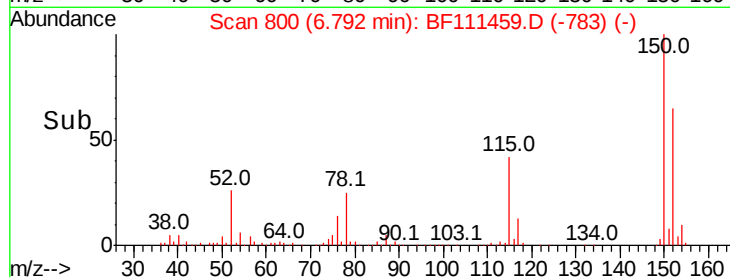
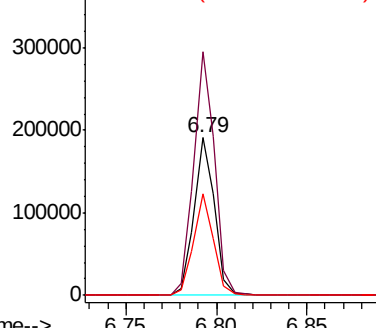


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

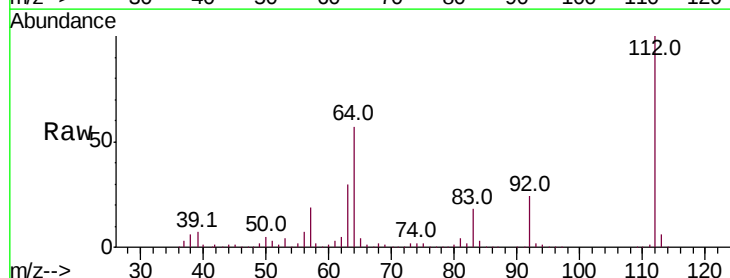
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 134.188 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.01 min
Lab File: BF111459.D
Acq: 15 Dec 2018 10:55

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.0	51.8	77.6
63	30.1	26.8	40.2

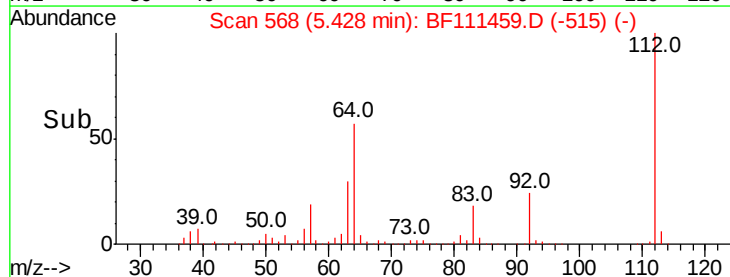
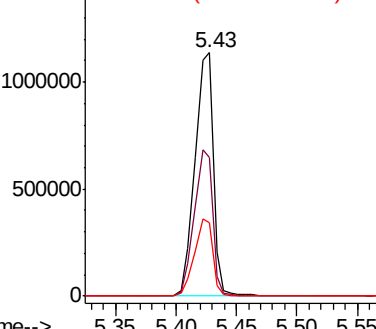


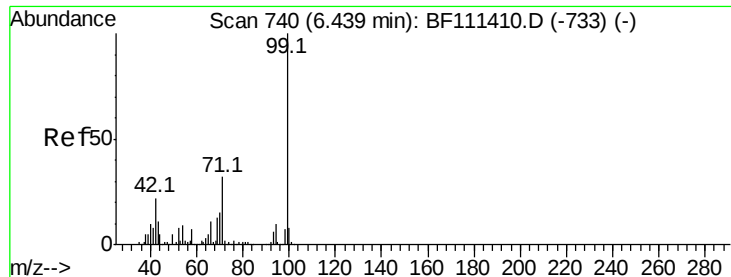
Abundance

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: 129.491 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.00 min

Lab File: BF111459.D

Acq: 15 Dec 2018 10:55

Instrument :

BNA_F

ClientSampled :

TP-1

Tot Ion: 99 Resp: 1551361

Ion Ratio Lower Upper

99 100

42 23.3 17.4 26.0

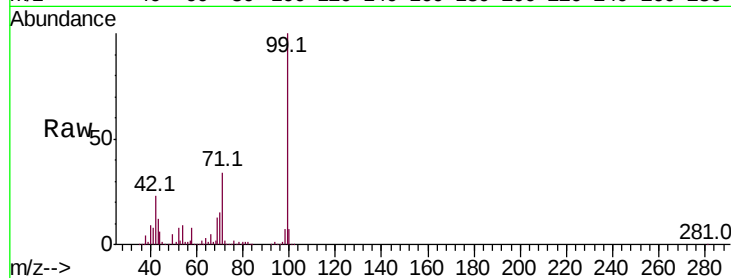
71 33.9 26.1 39.1

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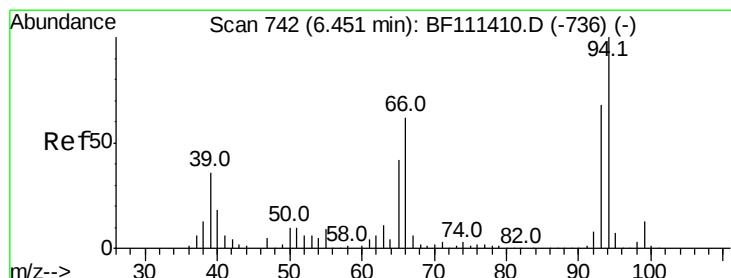
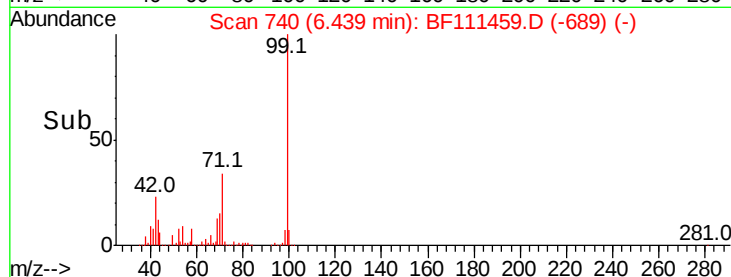
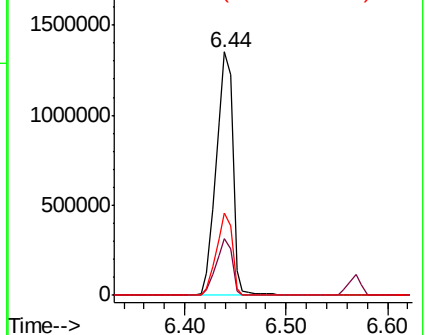
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 7.953 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.00 min

Lab File: BF111459.D

Acq: 15 Dec 2018 10:55

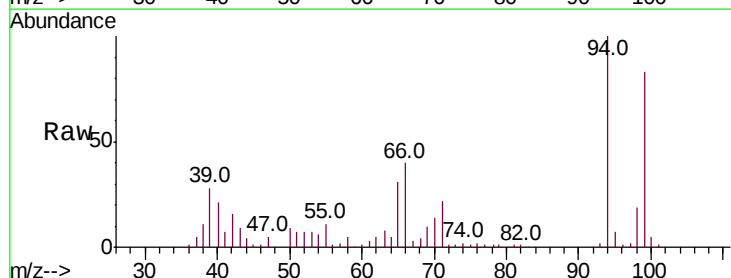
Tgt Ion: 94 Resp: 106140

Ion Ratio Lower Upper

94 100

65 31.2 11.7 51.7

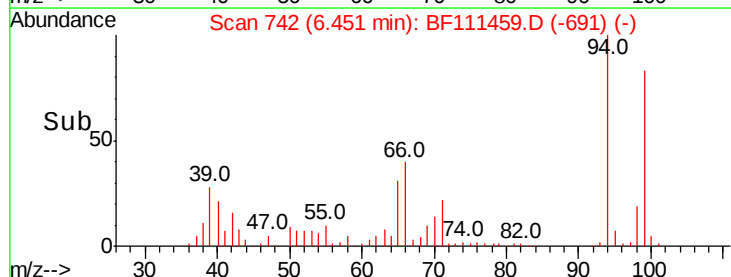
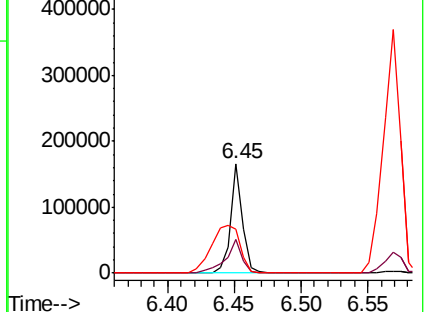
66 40.5 21.0 61.0

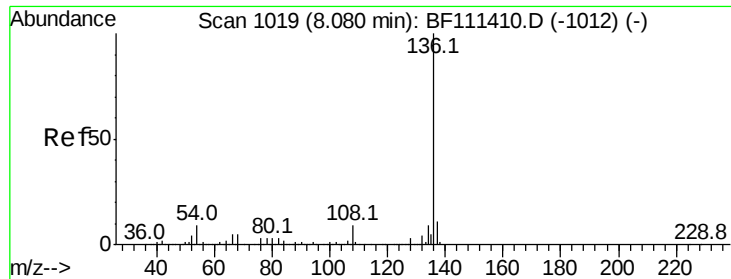


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





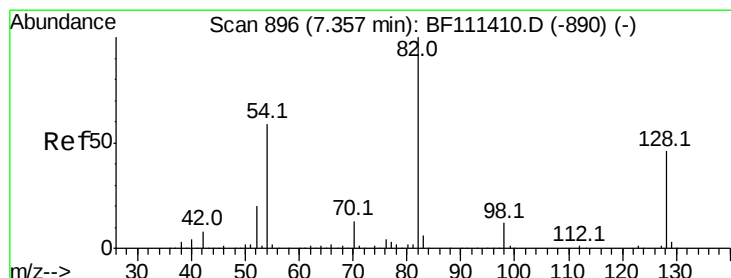
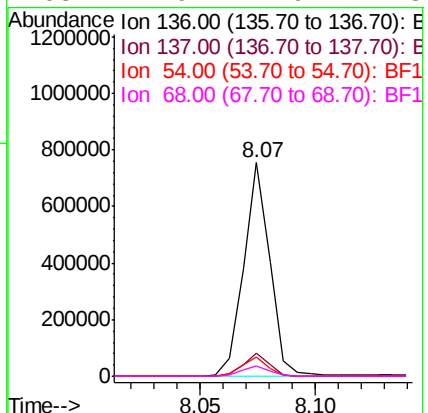
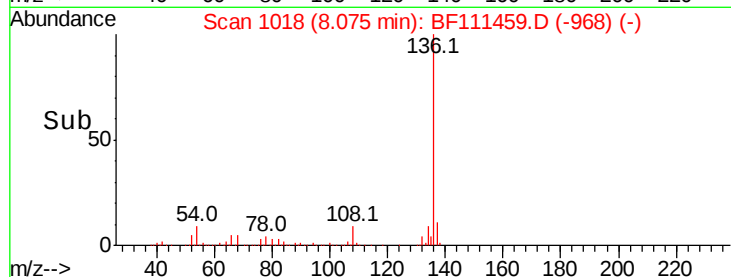
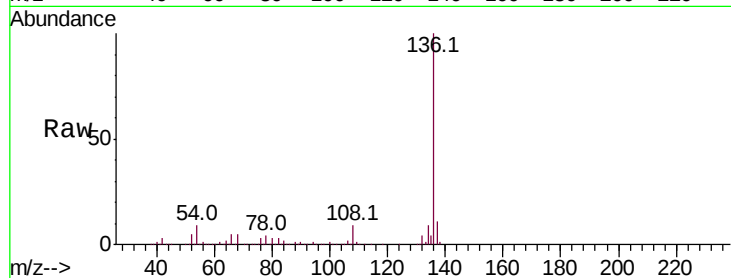
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF111459.D
Acq: 15 Dec 2018 10:55

Instrument :
BNA_F
ClientSampled :
TP-1

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.7	9.1	13.7	
54	9.0	7.7	11.5	
68	4.9	4.9	7.3#	

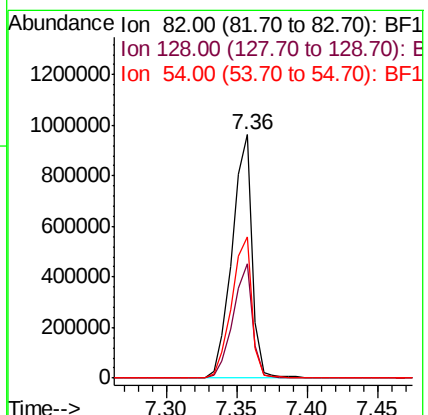
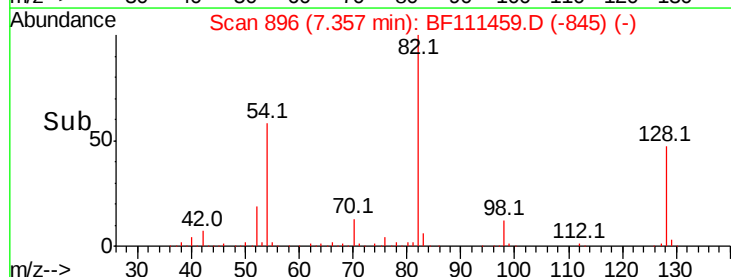
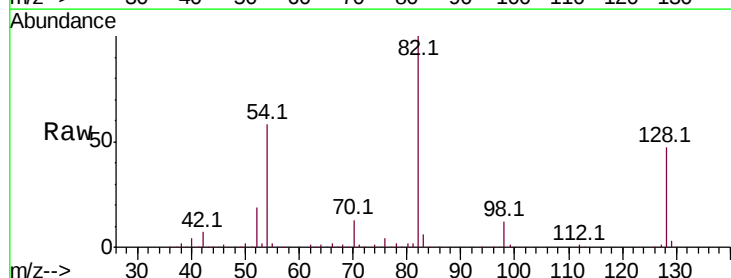
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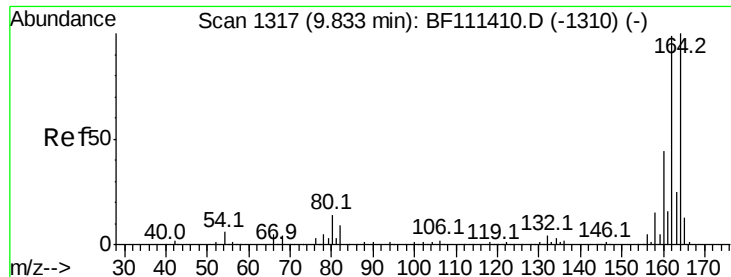
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#23
Nitrobenzene-d5
Concen: 95.056 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.00 min
Lab File: BF111459.D
Acq: 15 Dec 2018 10:55

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	47.1	37.4	56.2	
54	57.9	47.6	71.4	





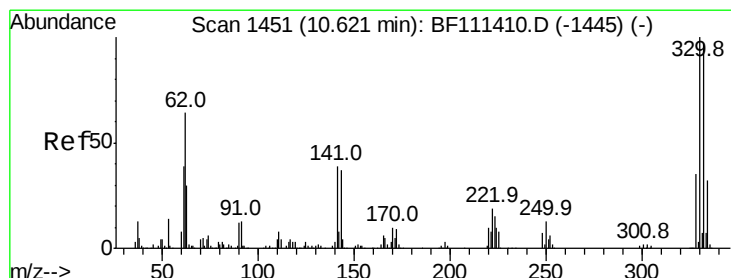
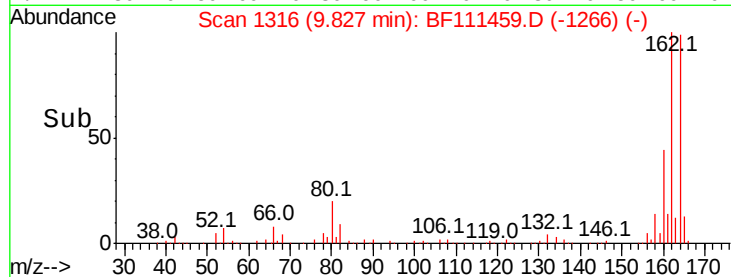
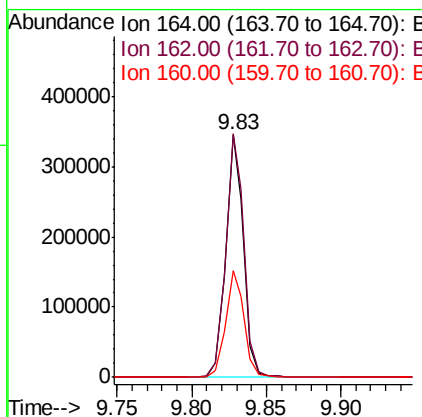
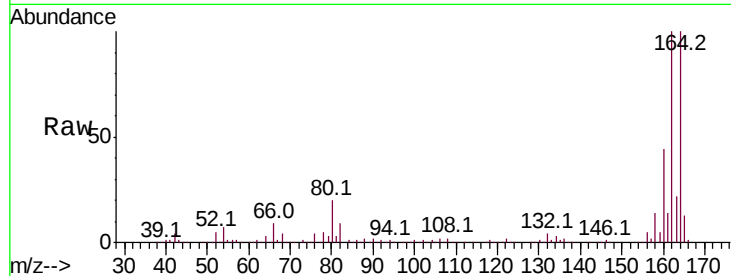
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF111459.D
Acq: 15 Dec 2018 10:55

Instrument :
BNA_F
ClientSampled :
TP-1

Tot Ion	Ratio	Resp	Lower	Upper
164	100	290544		
162	100.3		81.4	122.0
160	44.0		35.7	53.5

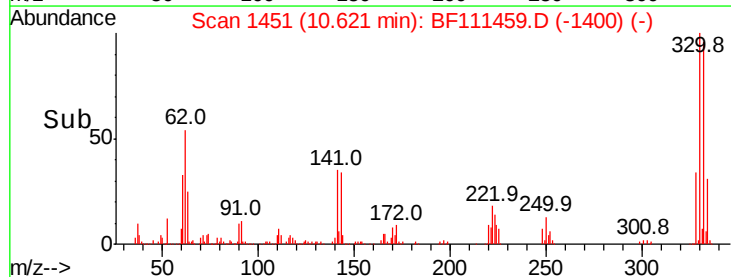
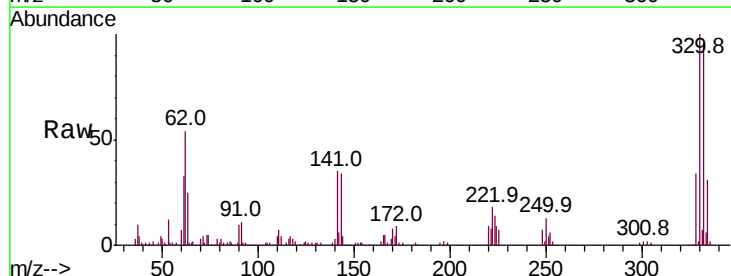
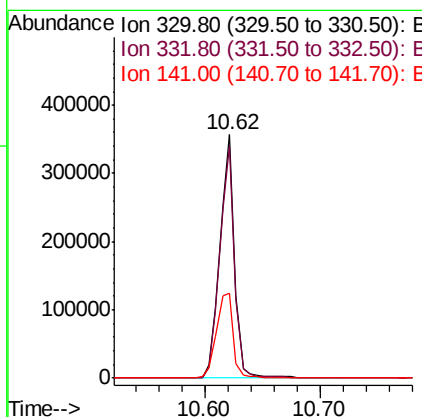
Manual Integrations
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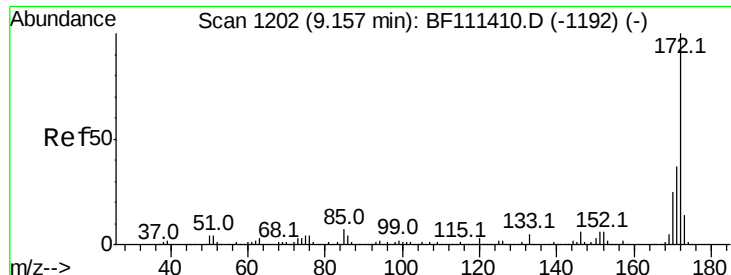
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#42
2,4,6-Tribromophenol
Concen: 121.322 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.00 min
Lab File: BF111459.D
Acq: 15 Dec 2018 10:55

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	315759		
332	96.3		76.0	114.0
141	40.1		31.0	46.6





#45
 2-Fluorobiphenyl
 Concen: 73.902 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF111459.D
 Acq: 15 Dec 2018 10:55

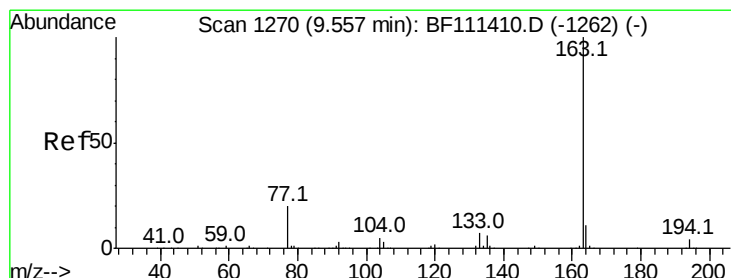
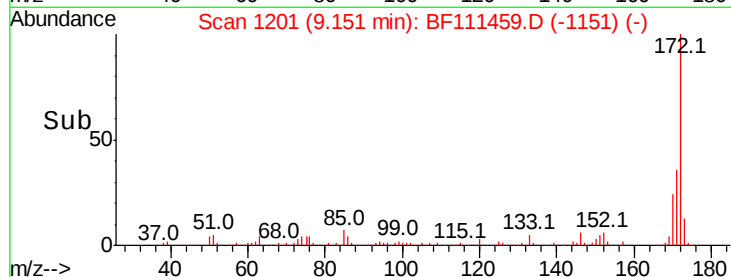
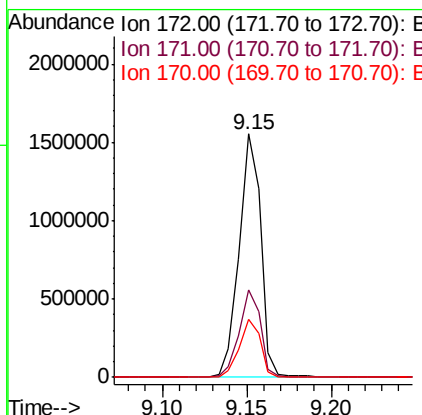
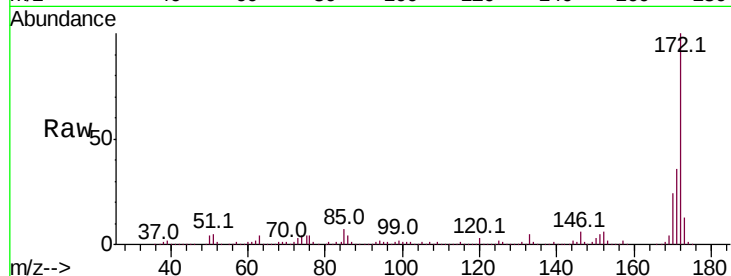
Instrument :
 BNA_F
 ClientSampleId :
 TP-1

Tot Ion:172 Resp: 1390093

Ion	Ratio	Lower	Upper
172	100		
171	35.8	33.0	49.4
170	23.6	22.3	33.5

Manual Integrations
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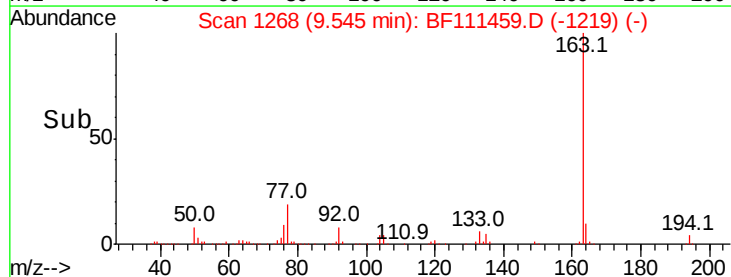
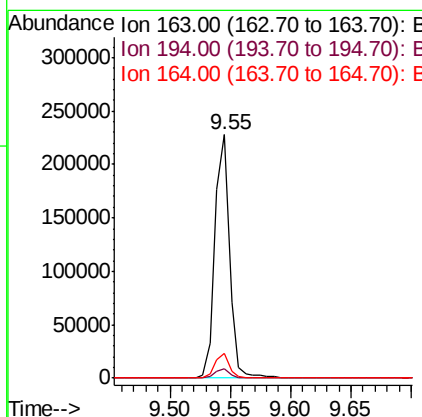
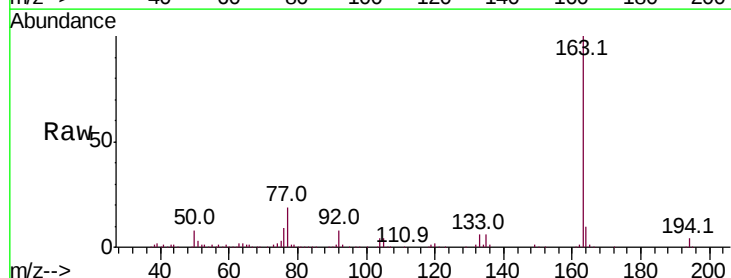
Sohil
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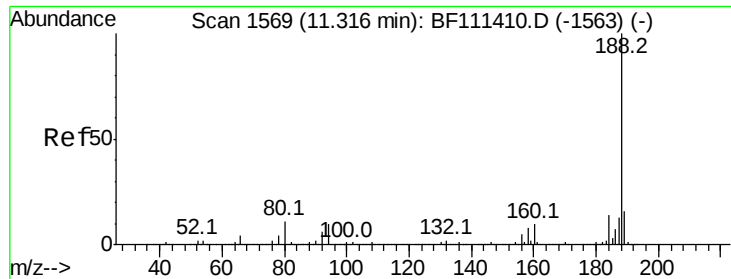


#50
 Dimethylphthalate
 Concen: 9.050 ng
 RT: 9.55 min Scan# 1268
 Delta R.T. -0.01 min
 Lab File: BF111459.D
 Acq: 15 Dec 2018 10:55

Tgt Ion:163 Resp: 189372

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.0	4.6
164	10.1	8.9	13.3





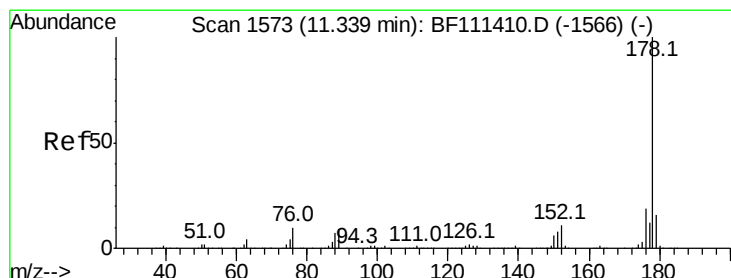
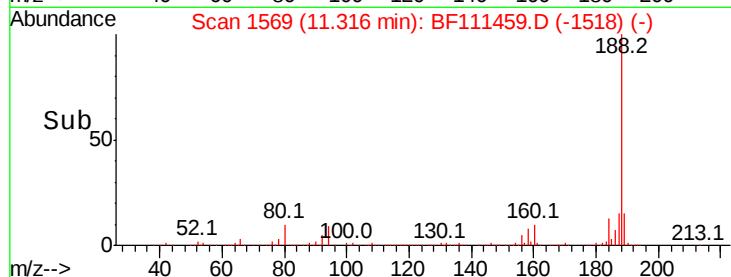
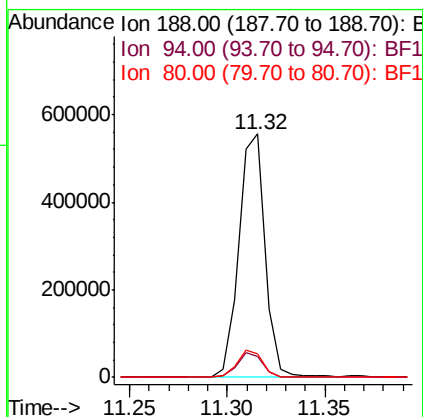
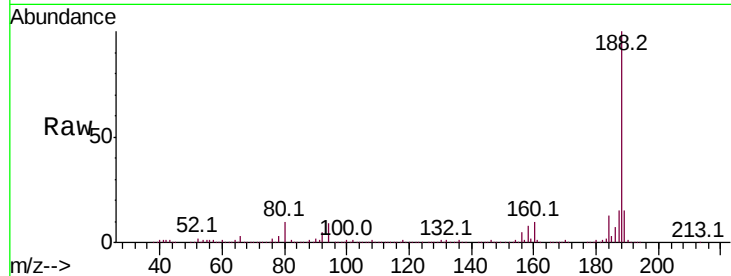
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.00 min
Lab File: BF111459.D
Acq: 15 Dec 2018 10:55

Instrument :
BNA_F
ClientSampleId :
TP-1

Tot Ion	Ratio	Resp	Lower	Upper
188	100	517303		
94	8.6		9.6	14.4#
80	9.7		9.8	14.6#

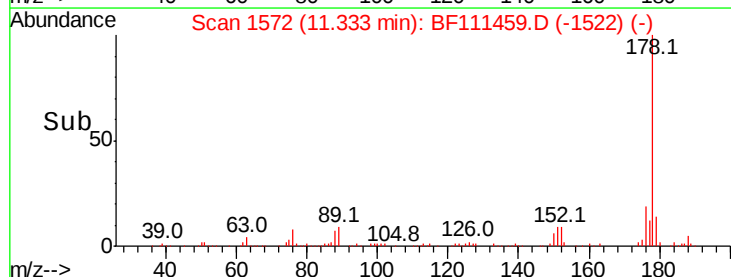
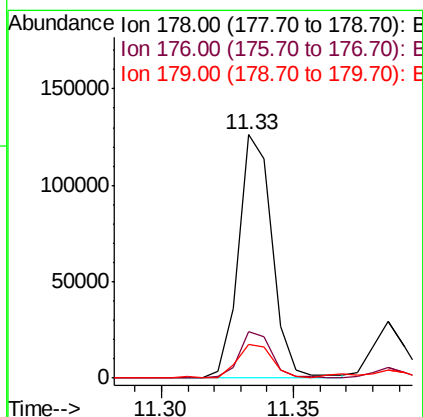
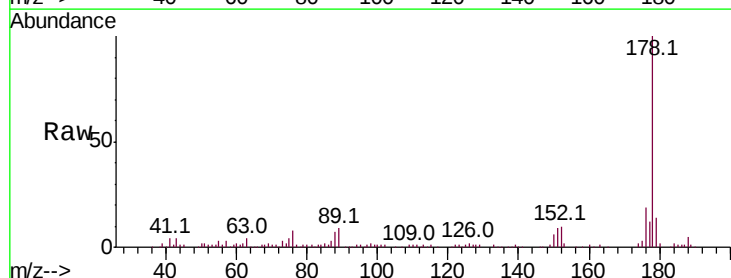
Manual Integrations
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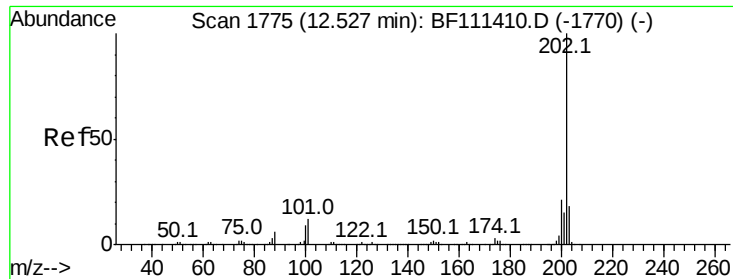
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#71
Phenanthrene
Concen: 4.173 ng m
RT: 11.33 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BF111459.D
Acq: 15 Dec 2018 10:55

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	111224		
176	19.4		18.1	27.1
179	13.8		14.0	21.0#





#75

Fluoranthene

Concen: 9.941 ng

RT: 12.52 min Scan# 1774

Delta R.T. -0.01 min

Lab File: BF111459.D

Acq: 15 Dec 2018 10:55

Instrument :

BNA_F

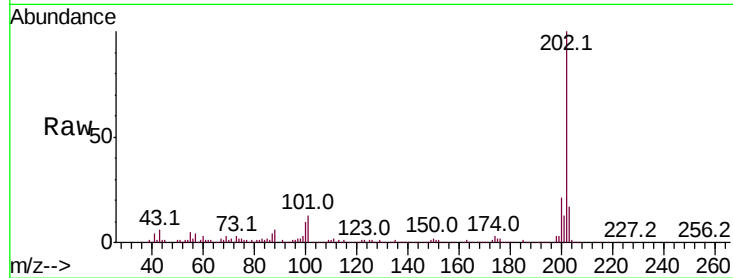
ClientSampleId :

TP-1

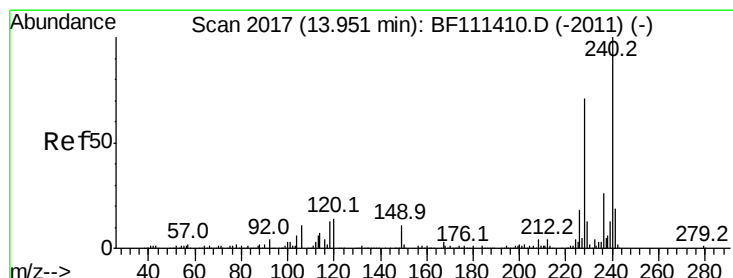
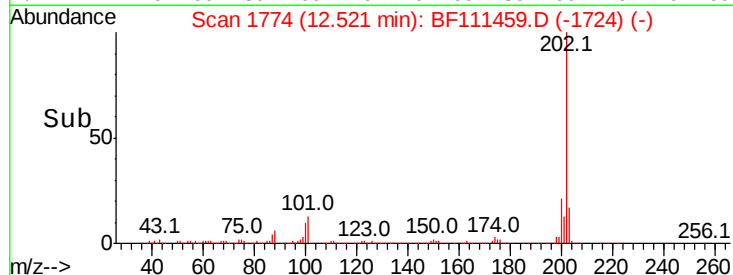
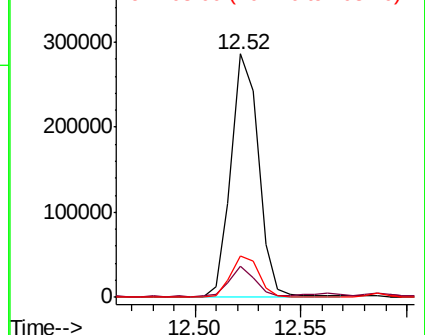
Tot Ion:	202	Resp:	259236
Ion Ratio		Lower	Upper
202	100		
101	12.9	0.0	33.8
203	17.2	0.0	38.6

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

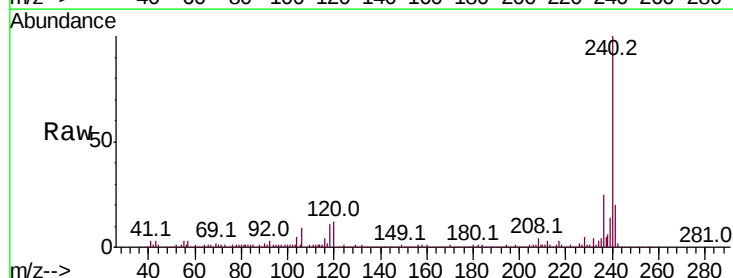
RT: 13.95 min Scan# 2017

Delta R.T. -0.00 min

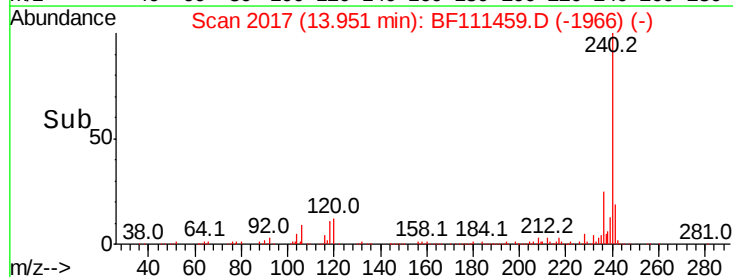
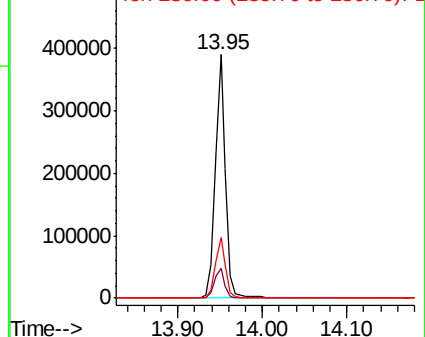
Lab File: BF111459.D

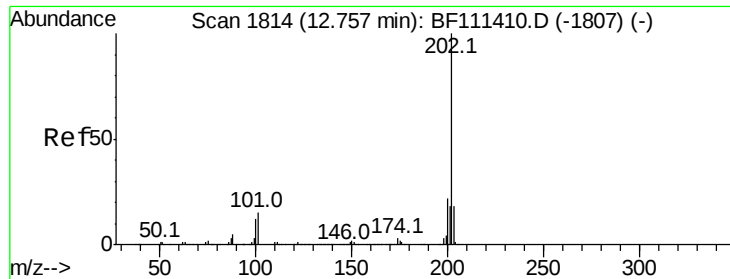
Acq: 15 Dec 2018 10:55

Tgt Ion:	240	Resp:	337217
Ion Ratio		Lower	Upper
240	100		
120	12.2	12.2	18.2
236	24.8	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





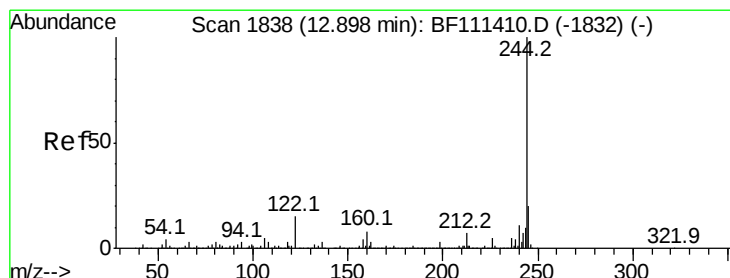
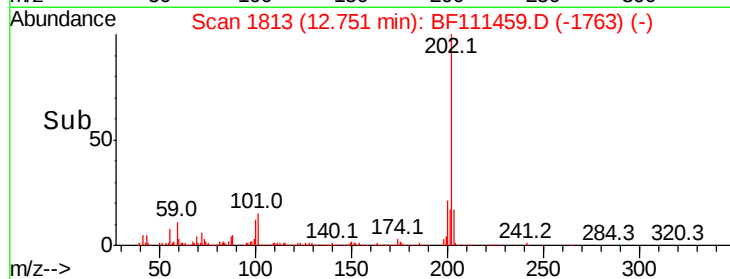
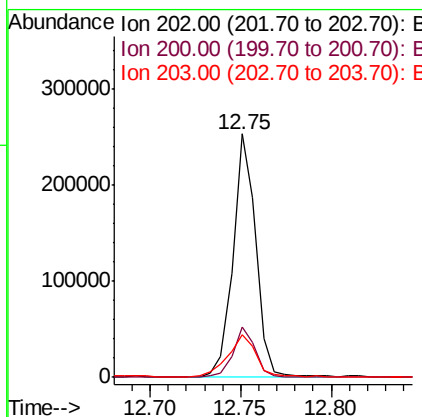
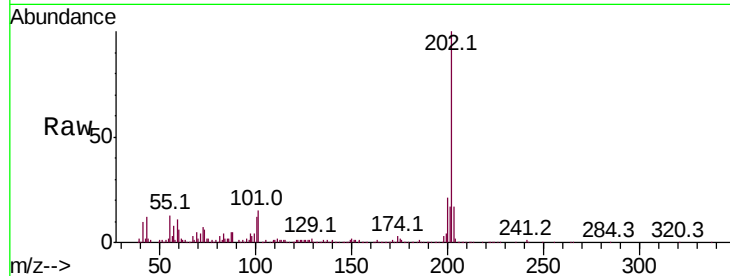
#78
Pvrene
Concen: 9.395 ng
RT: 12.75 min Scan# 1813
Delta R.T. -0.01 min
Lab File: BF111459.D
Acq: 15 Dec 2018 10:55

Instrument :
BNA_F
ClientSampleId :
TP-1

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	20.8	19.0	28.4
203	17.3	15.2	22.8

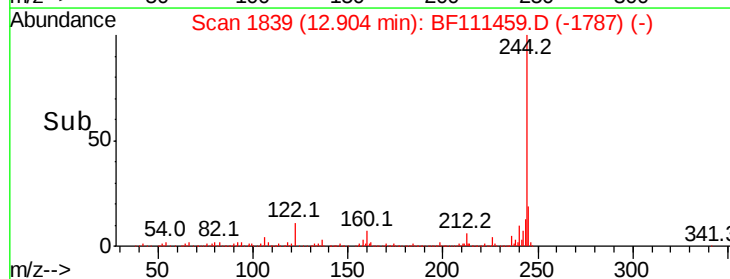
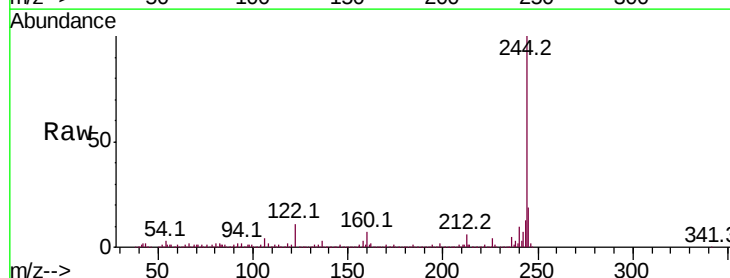
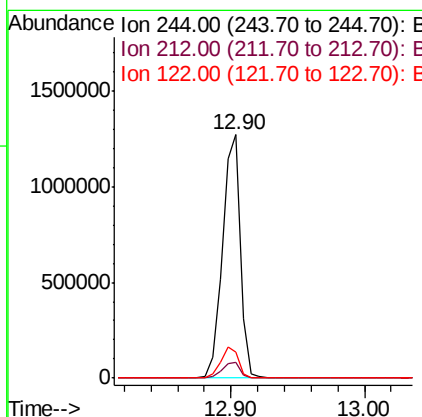
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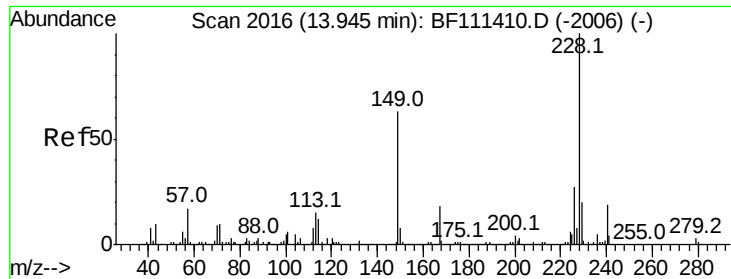
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#79
Terphenyl-d14
Concen: 84.028 ng
RT: 12.90 min Scan# 1839
Delta R.T. 0.01 min
Lab File: BF111459.D
Acq: 15 Dec 2018 10:55

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	6.4	5.7	8.5
122	10.8	13.1	19.7#





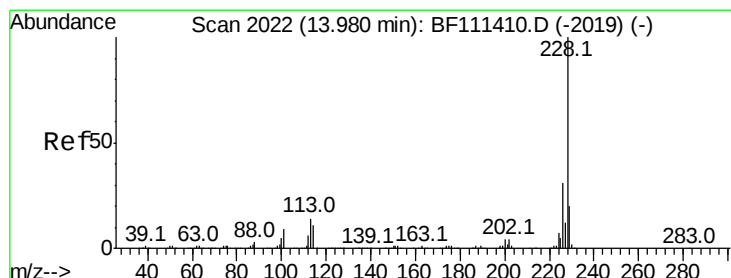
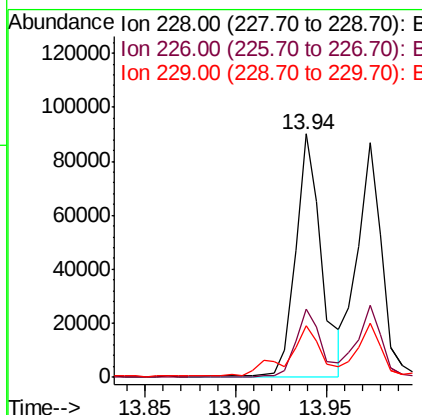
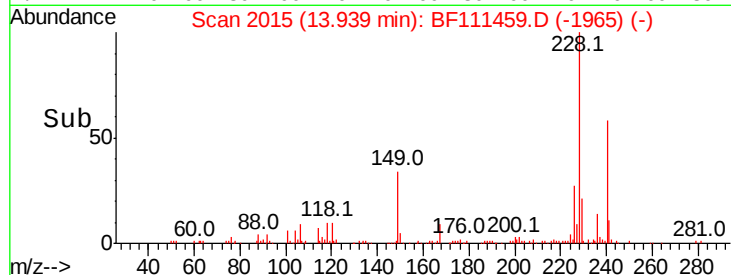
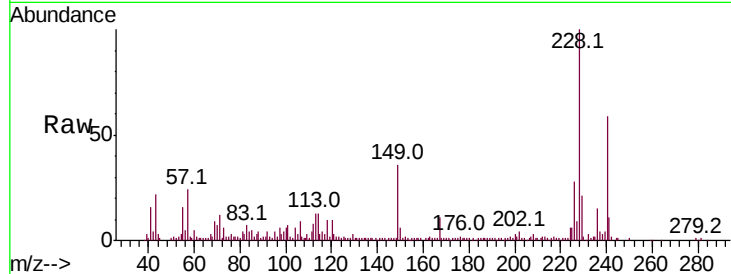
#81
 Benzo(a)anthracene
 Concen: 4.960 ng
 RT: 13.94 min Scan# 2015
 Delta R.T. -0.01 min
 Lab File: BF111459.D
 Acq: 15 Dec 2018 10:55

Instrument :
 BNA_F
 ClientSampleId :
 TP-1

Tot Ion:	228	Resp:	90939
Ion Ratio		Lower	Upper
228	100		
226	28.0	22.6	34.0
229	21.2	16.3	24.5

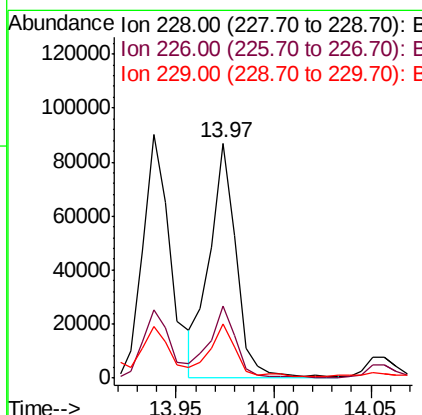
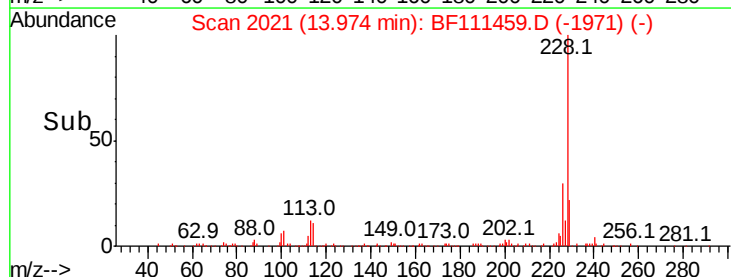
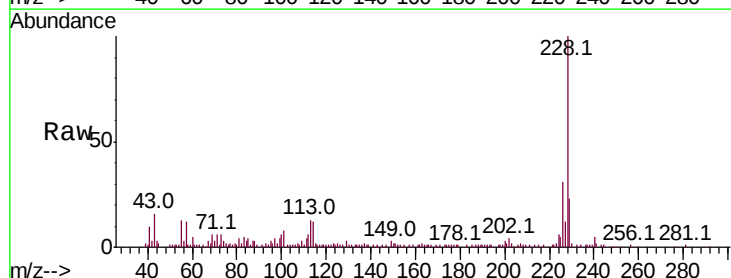
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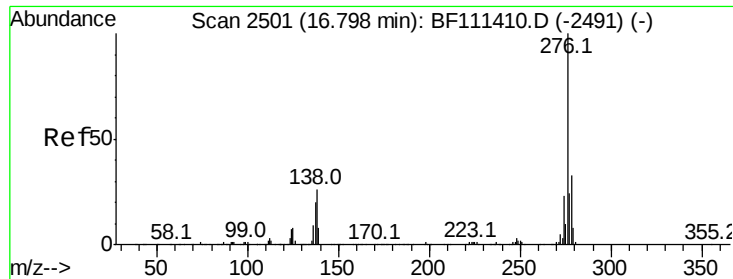
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#83
 Chrysene
 Concen: 4.255 ng
 RT: 13.97 min Scan# 2021
 Delta R.T. -0.01 min
 Lab File: BF111459.D
 Acq: 15 Dec 2018 10:55

Tgt Ion:	228	Resp:	82195
Ion Ratio		Lower	Upper
228	100		
226	30.6	25.3	37.9
229	22.8	17.2	25.8





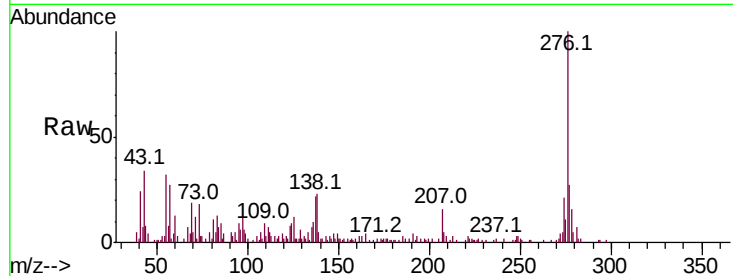
#86
 Indeno(1,2,3-cd)pyrene
 Concen: 3.740 ng
 RT: 16.80 min Scan# 2501
 Delta R.T. -0.00 min
 Lab File: BF111459.D
 Acq: 15 Dec 2018 10:55

Instrument :
 BNA_F
 ClientSampleId :
 TP-1

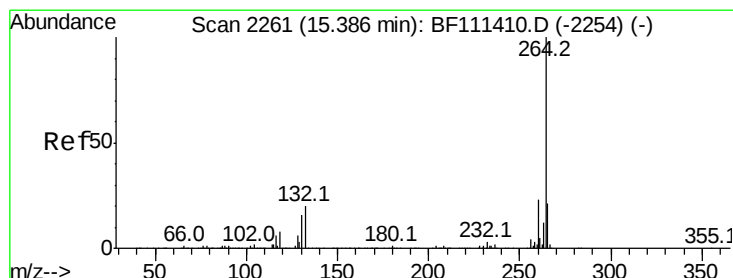
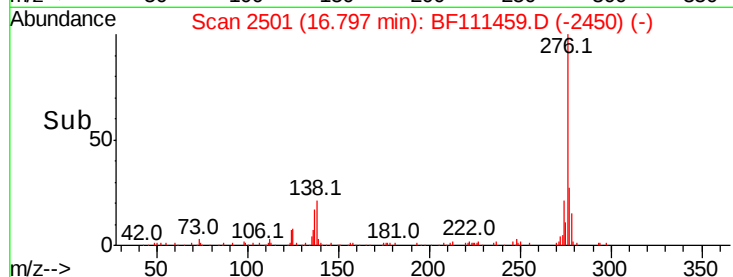
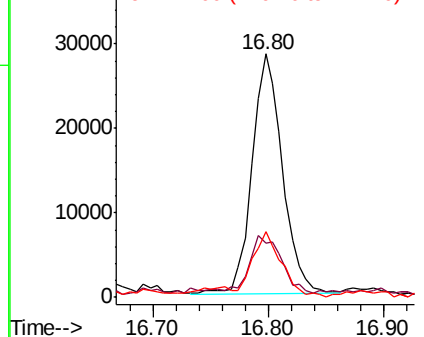
Tot Ion:	276	Resp:	52135
Ion Ratio	Lower	Upper	
276	100		
138	28.3	27.8	41.6
277	26.6	20.1	30.1

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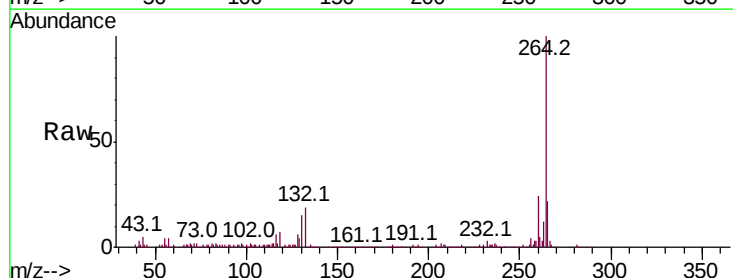


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

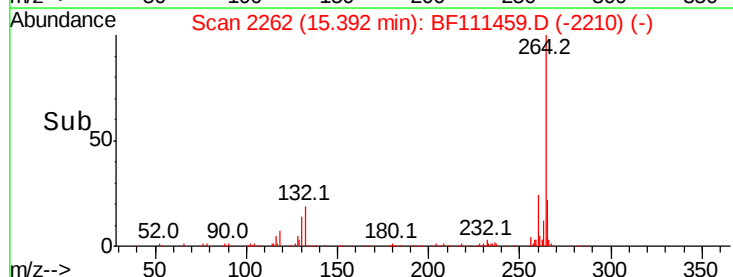
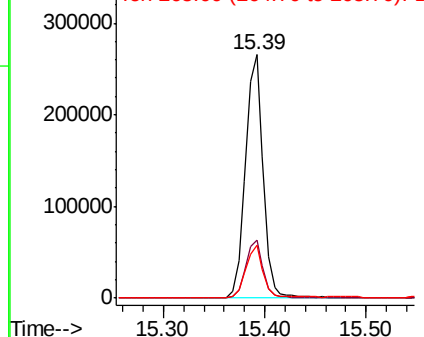


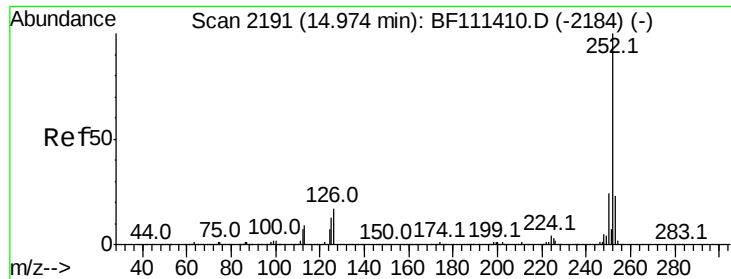
#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.39 min Scan# 2262
 Delta R.T. 0.01 min
 Lab File: BF111459.D
 Acq: 15 Dec 2018 10:55

Tgt Ion:	264	Resp:	321485
Ion Ratio	Lower	Upper	
264	100		
260	23.9	18.3	27.5
265	21.9	17.7	26.5



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E





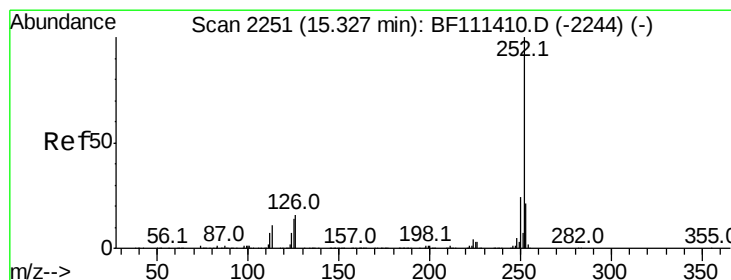
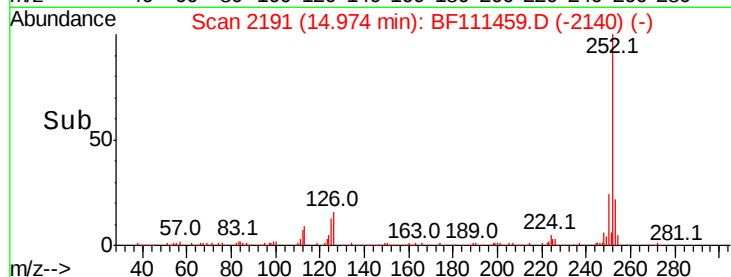
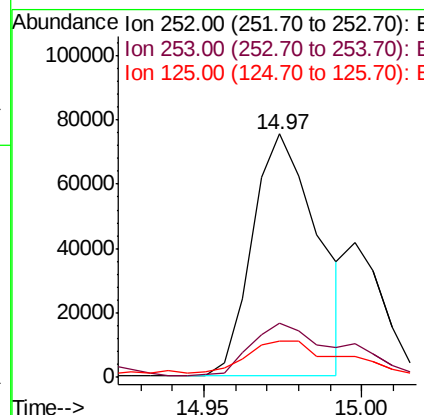
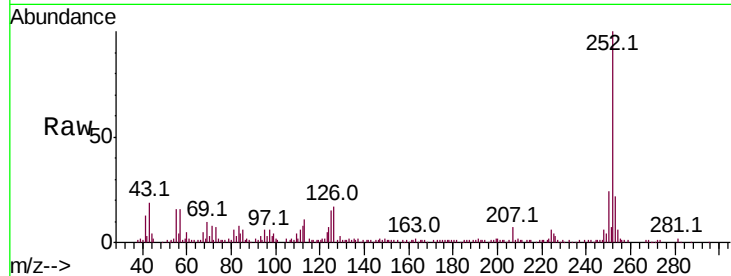
#88
Benzo(b)fluoranthene
Concen: 5.791 ng m
RT: 14.97 min Scan# 2191
Delta R.T. -0.00 min
Lab File: BF111459.D
Acq: 15 Dec 2018 10:55

Instrument :
BNA_F
ClientSampled :
TP-1

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.2	27.2
125	15.0	10.4	15.6

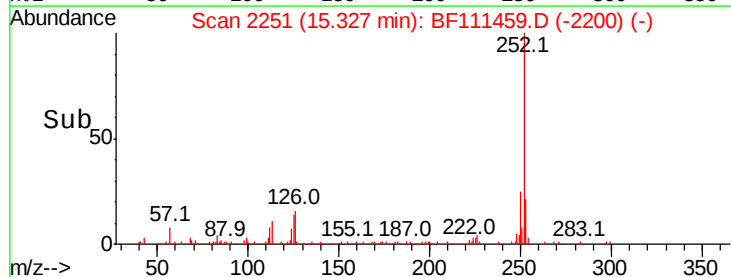
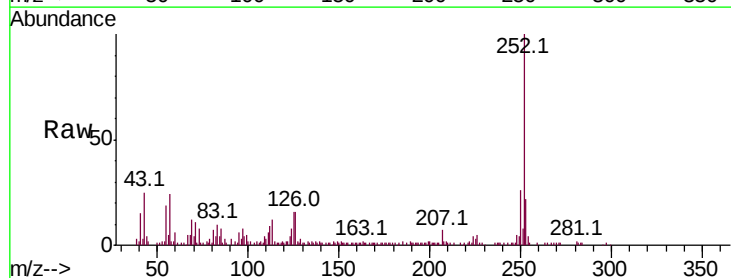
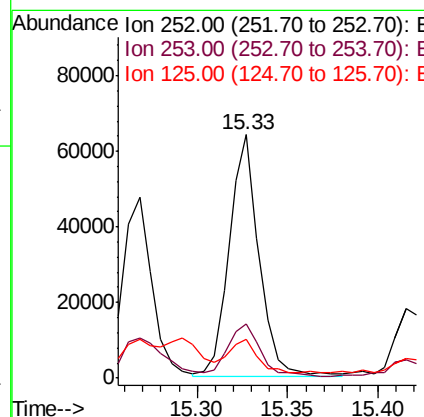
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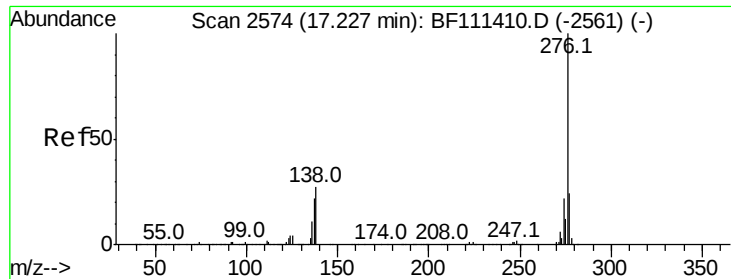
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#90
Benzo(a)pyrene
Concen: 4.339 ng
RT: 15.33 min Scan# 2251
Delta R.T. -0.00 min
Lab File: BF111459.D
Acq: 15 Dec 2018 10:55

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.8
125	16.1	12.3	18.5





#92
 Benzo(a,h,i)perylene
 Concen: 3.934 ng
 RT: 17.23 min Scan# 2574
 Delta R.T. -0.00 min
 Lab File: BF111459.D
 Acq: 15 Dec 2018 10:55

Instrument :
 BNA_F
 ClientSampleId :
 TP-1

Tot Ion:	276	Resp:	51483
Ion Ratio	Lower	Upper	
276	100		
277	22.2	19.2	28.8
138	27.2	24.9	37.3

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