

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121518\
 Data File : BF111460.D
 Acq On : 15 Dec 2018 11:22
 Operator : JU/SJ
 Sample : J6208-05
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-2

Manual Integrations
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Sohil
 12/17/2018 3:11:44 PM

Quant Time: Dec 16 00:57:25 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	159690	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	643546	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	289132	20.00	ng	0.00
64) Phenanthrene-d10	11.31	188	444800	20.00	ng	0.00
76) Chrysene-d12	13.95	240	319713	20.00	ng	0.00
87) Perylene-d12	15.39	264	319302	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	903908	94.19	ng	0.00
7) Phenol-d6	6.44	99	1168918	91.57	ng	0.00
23) Nitrobenzene-d5	7.35	82	725461	67.13	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	201918	77.96	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	1102150	58.88	ng	0.00
79) Terphenyl-d14	12.90	244	682550	50.13	ng	0.00
Target Compounds						
10) Phenol	6.45	94	90830	6.388	ng	91
50) Dimethylphthalate	9.55	163	119031	5.716	ng	97
71) Phenanthrene	11.33	178	185861	8.109	ng	95
72) Anthracene	11.39	178	47107	2.010	ng	95
75) Fluoranthene	12.53	202	290294	12.947	ng	94
78) Pyrene	12.75	202	263252	11.679	ng	96
81) Benzo(a)anthracene	13.94	228	132864	7.643	ng	96
83) Chrysene	13.97	228	132146	7.216	ng	95
84) Bis(2-ethylhexyl)phthalate	13.94	149	42185	3.006	ng	98
86) Indeno(1,2,3-cd)pyrene	16.81	276	69847	5.285	ng	92
88) Benzo(b)fluoranthene	14.97	252	194252m	10.435	ng	
89) Benzo(k)fluoranthene	15.00	252	48667m	2.736	ng	
90) Benzo(a)pyrene	15.33	252	120180	7.159	ng	99
92) Benzo(a,h,i)perylene	17.23	276	76861	5.913	ng	97

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

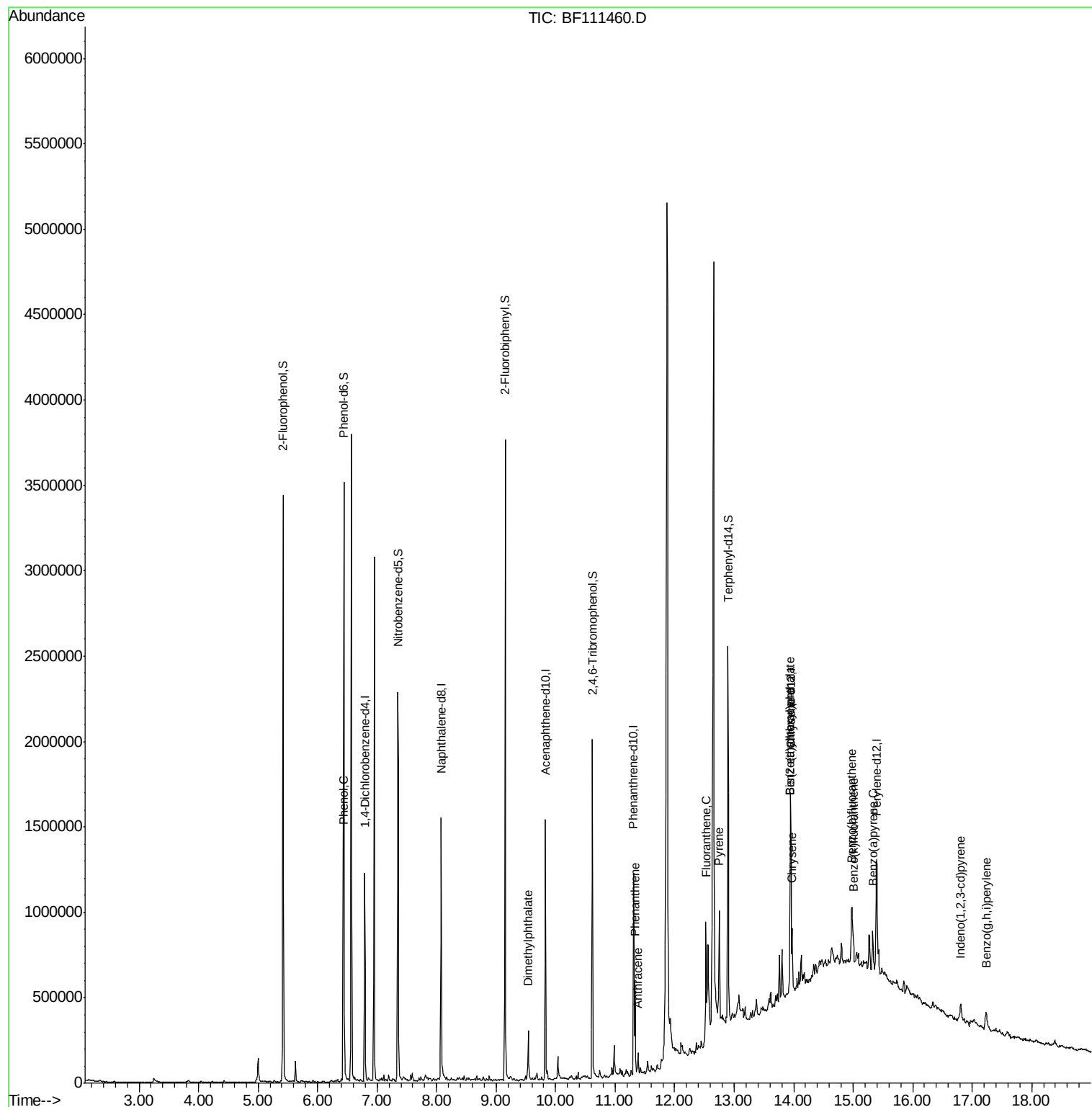
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121518\
Data File : BF111460.D
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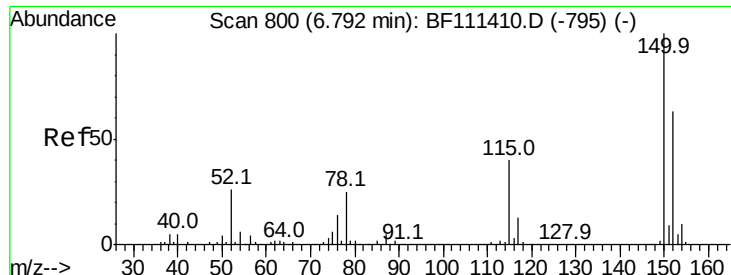
Instrument :
BNA_F
ClientSampled :
TP-2

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

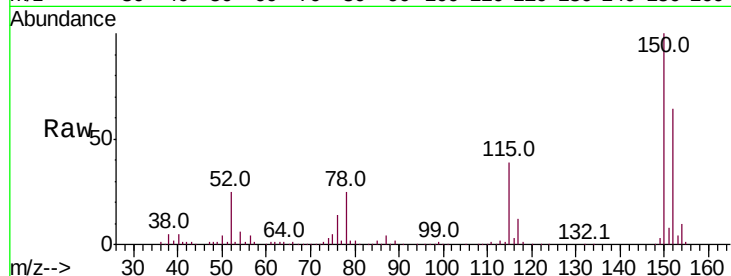
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.00 min
Lab File: BF111460.D
Acq: 15 Dec 2018 11:22

Instrument :
BNA_F
ClientSampled :
TP-2

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.4	126.6	189.8
115	60.9	50.7	76.1

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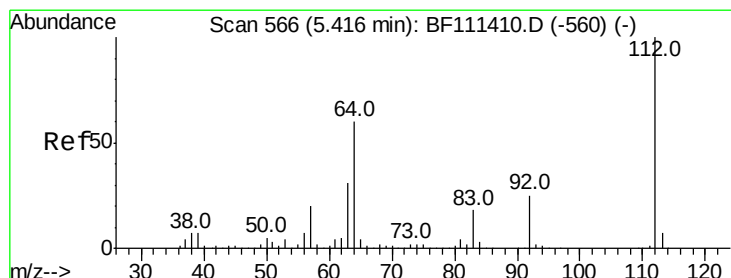
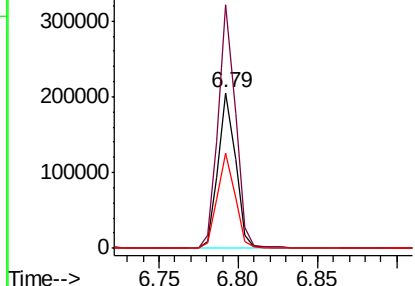
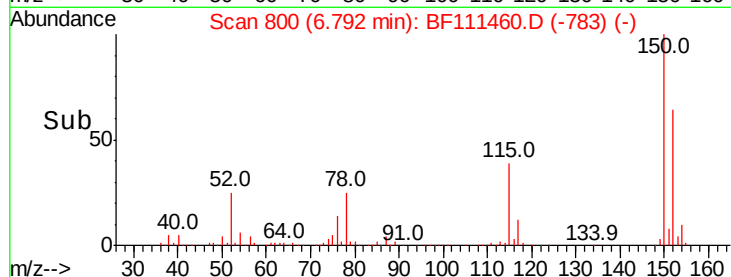


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

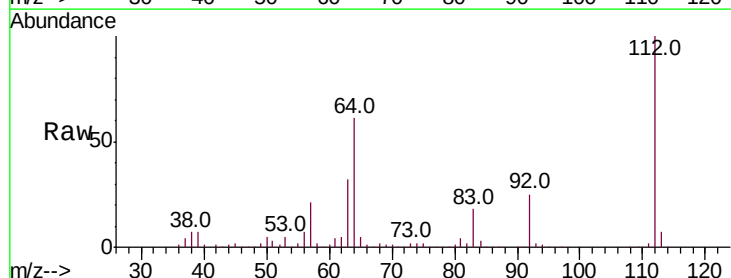
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 94.192 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF111460.D
Acq: 15 Dec 2018 11:22

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.5	51.8	77.6
63	31.6	26.8	40.2

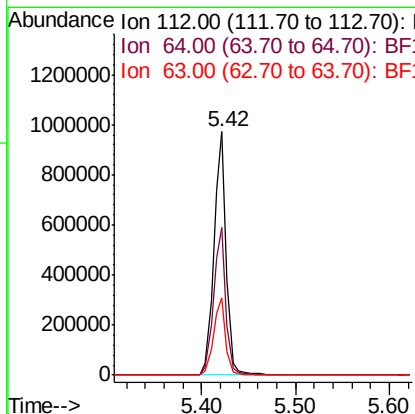
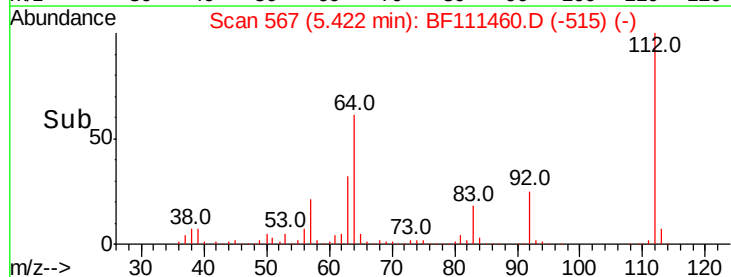


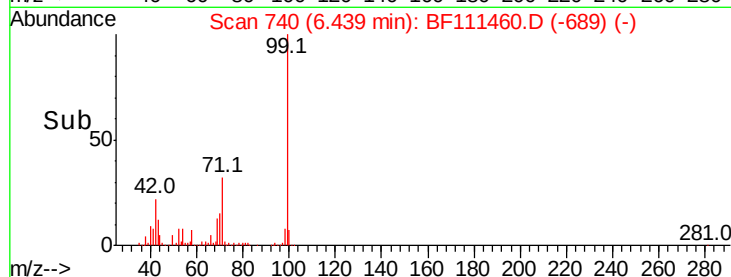
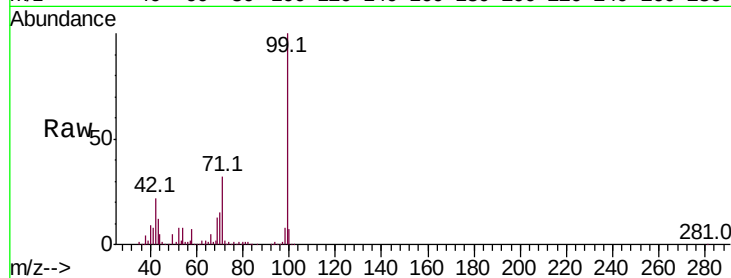
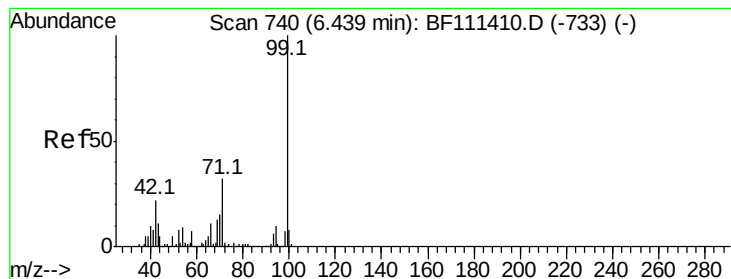
Abundance

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: 91.573 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.00 min

Lab File: BF111460.D

Acq: 15 Dec 2018 11:22

Tot Ion: 99 Resp: 1168918

Ion Ratio Lower Upper

99 100

42 22.2 17.4 26.0

71 32.3 26.1 39.1

Instrument :

BNA_F

ClientSampled :

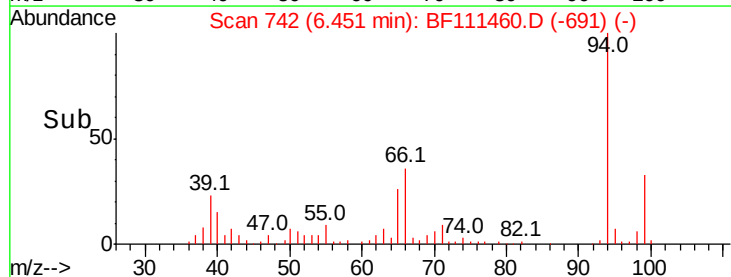
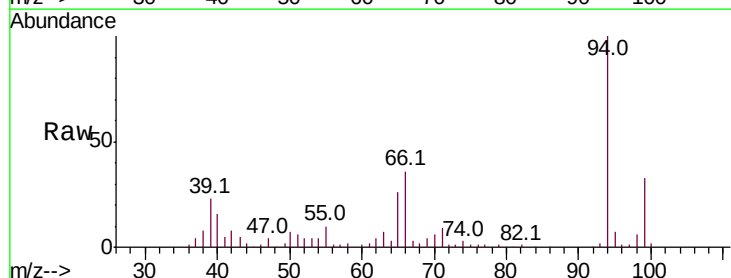
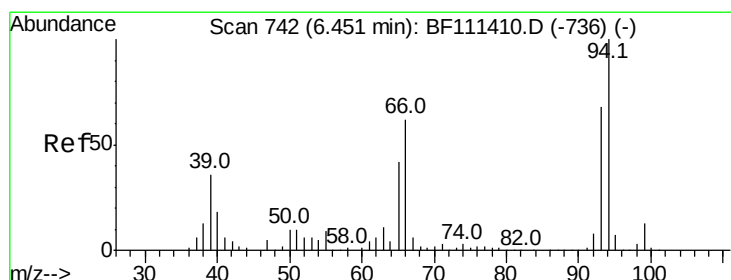
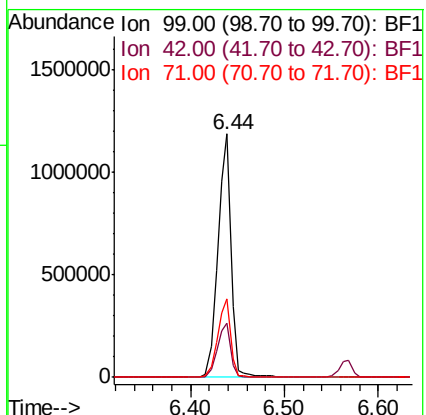
TP-2

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#10

Phenol

Concen: 6.388 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.00 min

Lab File: BF111460.D

Acq: 15 Dec 2018 11:22

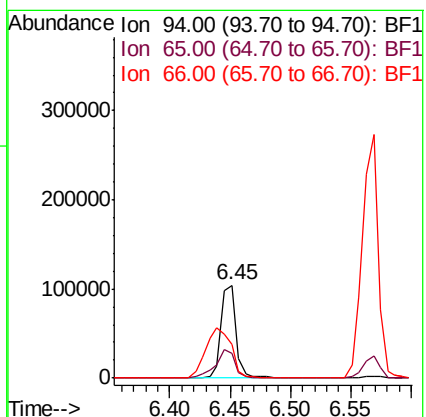
Tgt Ion: 94 Resp: 90830

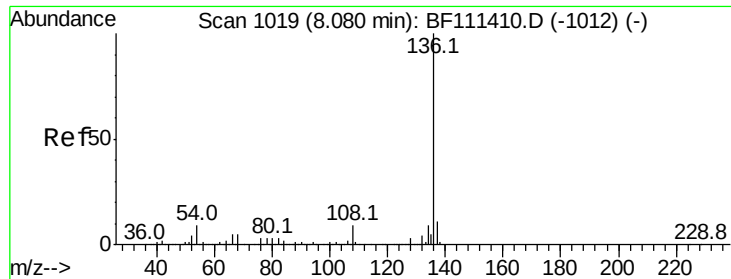
Ion Ratio Lower Upper

94 100

65 26.0 11.7 51.7

66 36.2 21.0 61.0





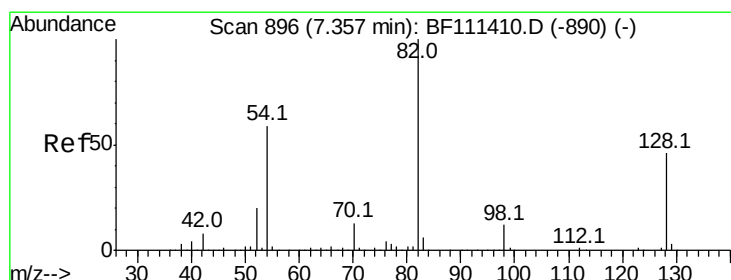
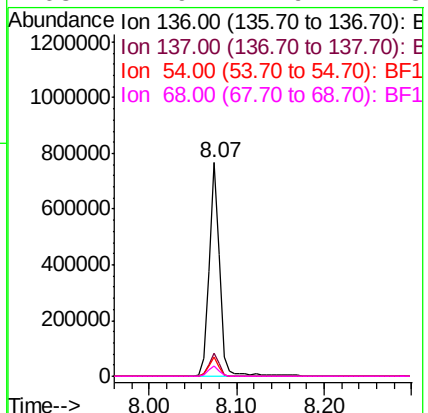
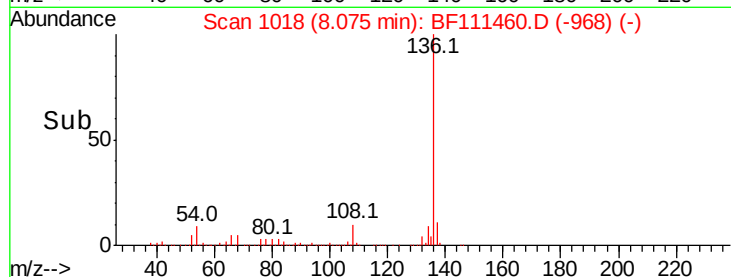
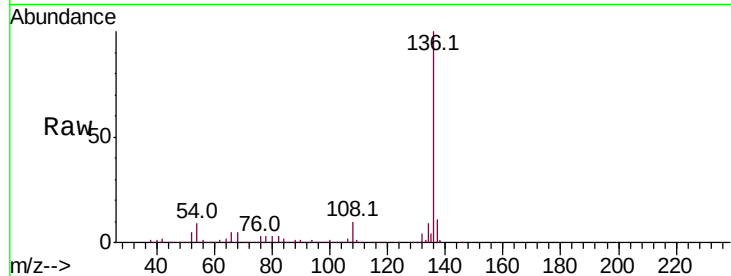
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF111460.D
Acq: 15 Dec 2018 11:22

Instrument :
BNA_F
ClientSampled :
TP-2

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.0	9.1	13.7	
54	9.0	7.7	11.5	
68	4.9	4.9	7.3	

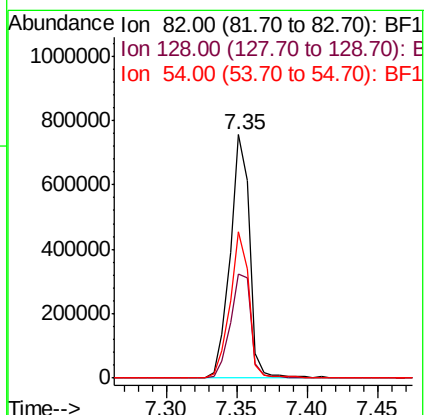
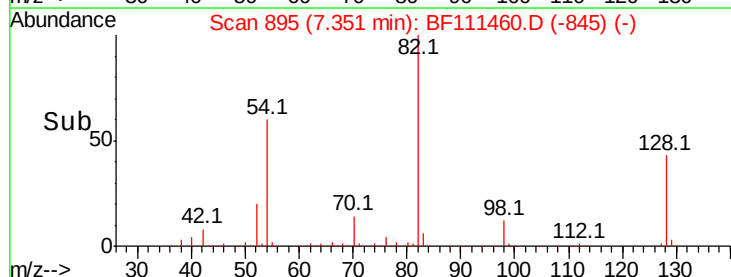
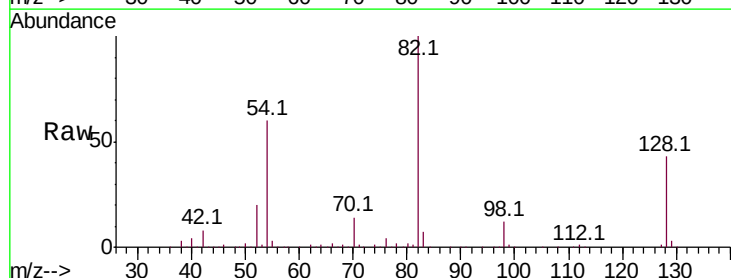
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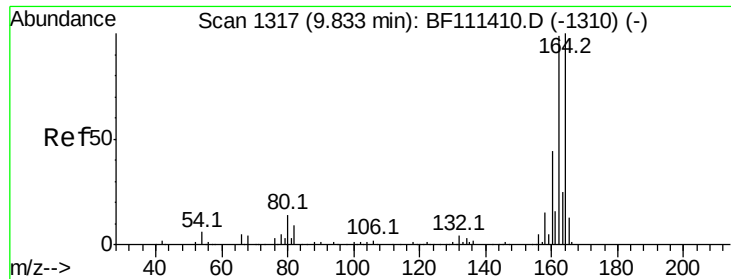
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#23
Nitrobenzene-d5
Concen: 67.128 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.01 min
Lab File: BF111460.D
Acq: 15 Dec 2018 11:22

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	42.9	37.4	56.2	
54	60.0	47.6	71.4	





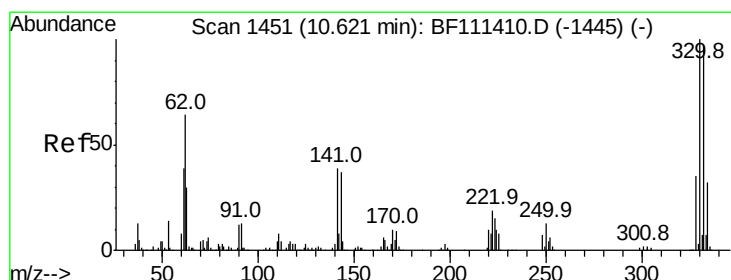
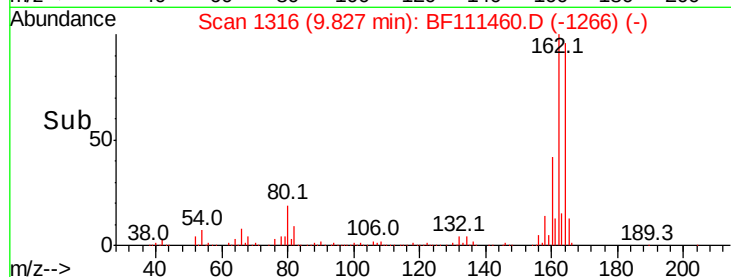
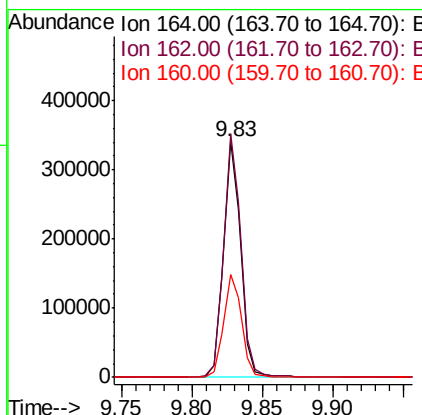
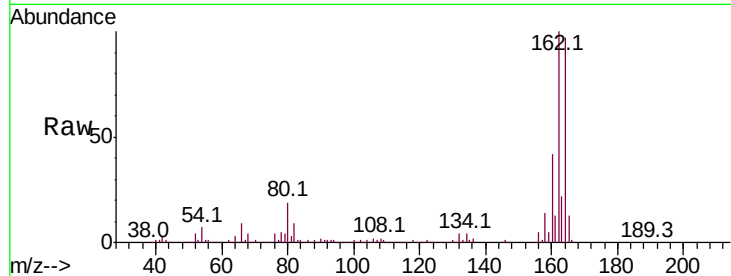
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: BF111460.D
 Acq: 15 Dec 2018 11:22

Instrument :
 BNA_F
 ClientSampleId :
 TP-2

Tot Ion	Ratio	Resp	Lower	Upper
164	100	289132		
162	103.3	81.4	122.0	
160	43.4	35.7	53.5	

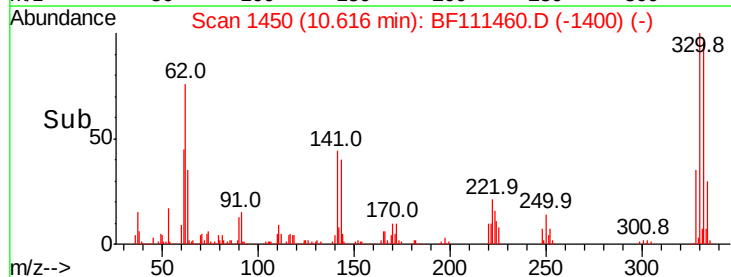
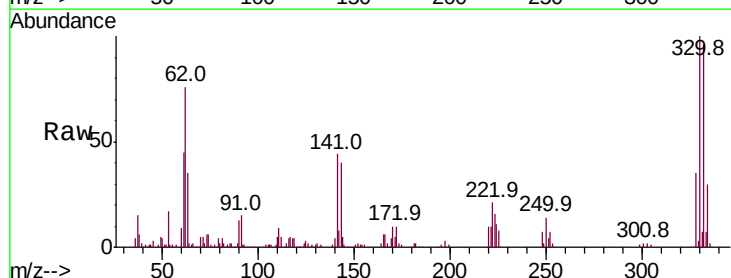
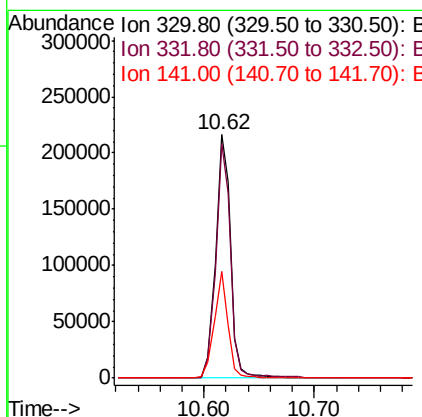
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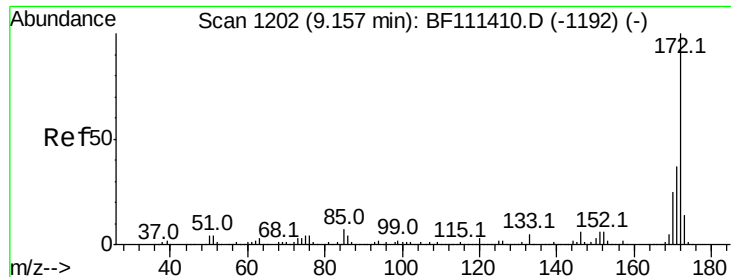
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#42
 2,4,6-Tribromophenol
 Concen: 77.960 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.01 min
 Lab File: BF111460.D
 Acq: 15 Dec 2018 11:22

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	201918		
332	94.9	76.0	114.0	
141	39.9	31.0	46.6	





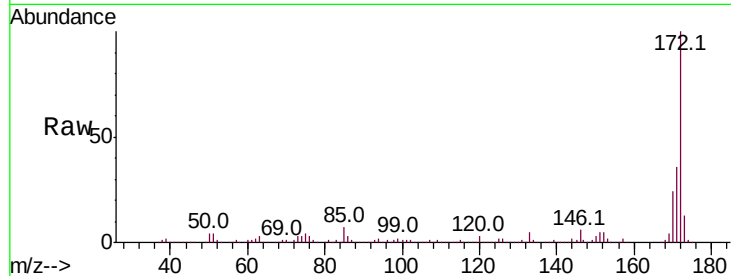
#45
2-Fluorobiphenyl
Concen: 58.880 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BF111460.D
Acq: 15 Dec 2018 11:22

Instrument :
BNA_F
ClientSampleId :
TP-2

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.7	33.0	49.4
170	23.6	22.3	33.5

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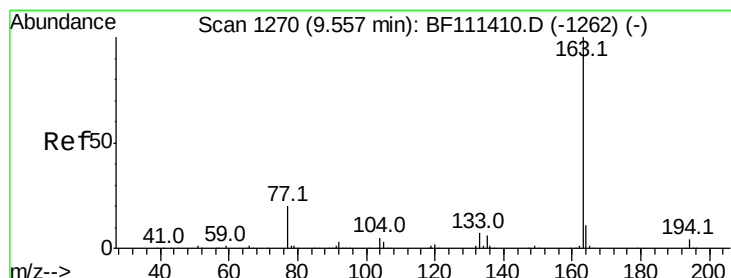
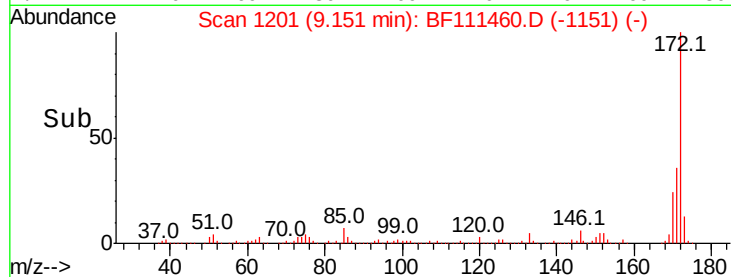
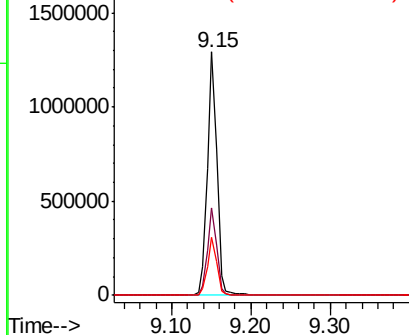


Abundance

Ion 172.00 (171.70 to 172.70): E

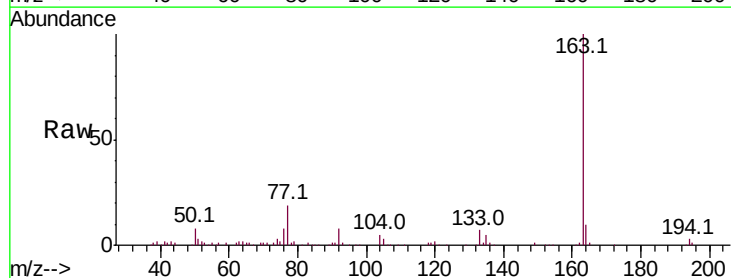
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#50
Dimethylphthalate
Concen: 5.716 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BF111460.D
Acq: 15 Dec 2018 11:22

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.1	3.0	4.6
164	9.8	8.9	13.3

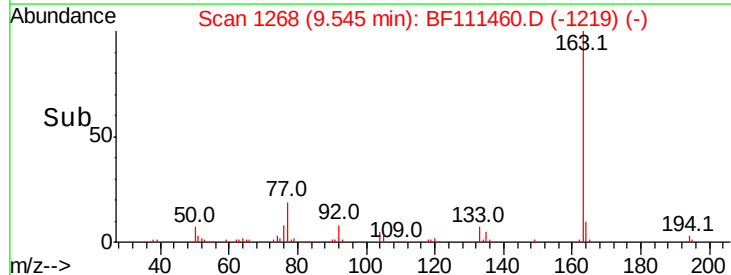
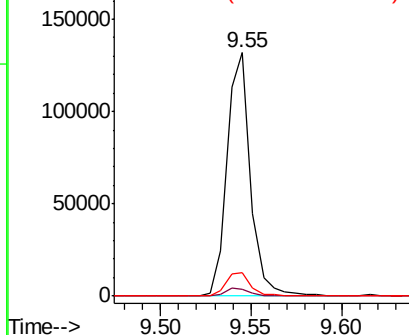


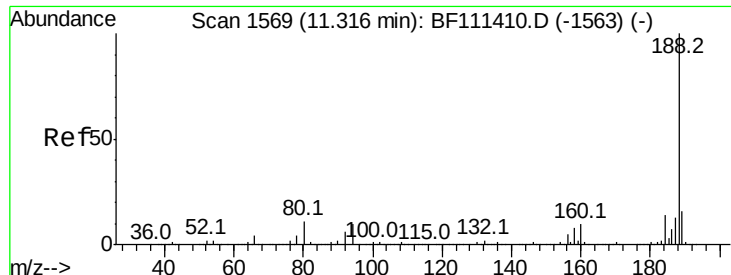
Abundance

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





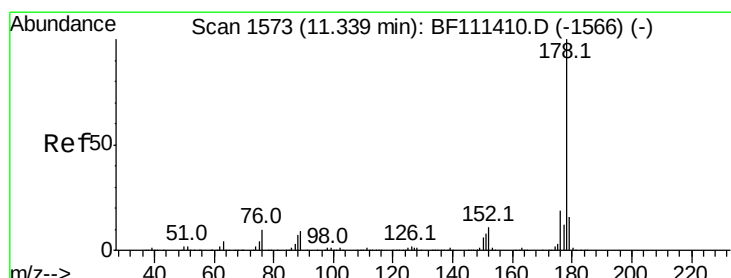
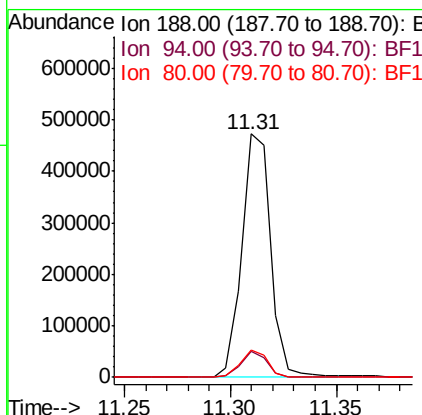
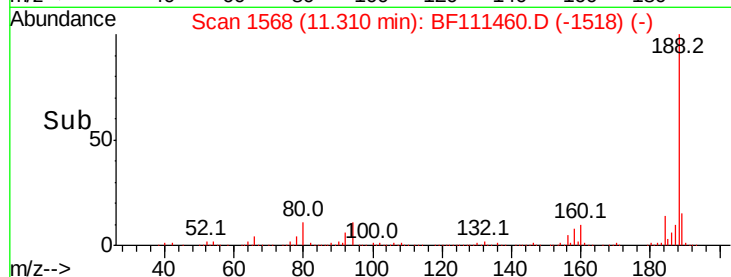
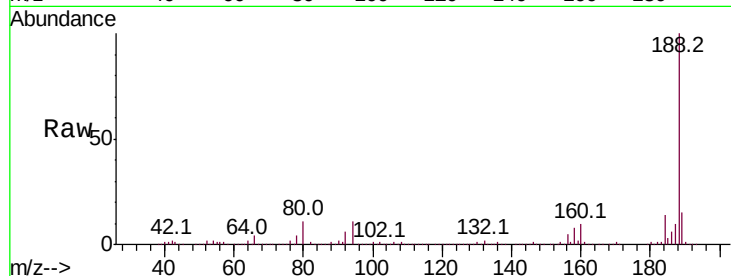
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.31 min Scan# 1568
 Delta R.T. -0.01 min
 Lab File: BF111460.D
 Acq: 15 Dec 2018 11:22

Instrument :
 BNA_F
 ClientSampled :
 TP-2

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	10.7	9.6	14.4	
80	11.1	9.8	14.6	

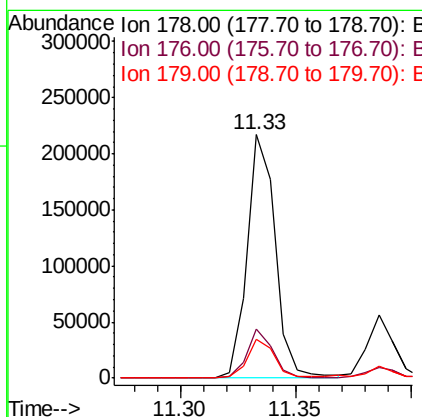
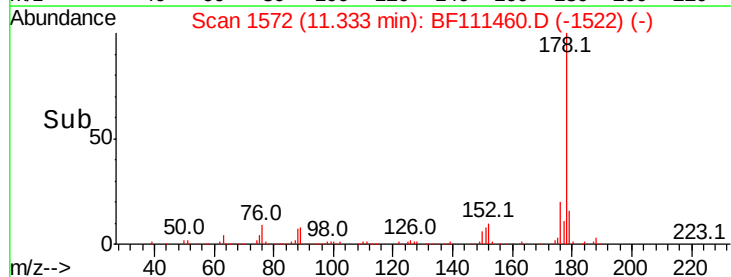
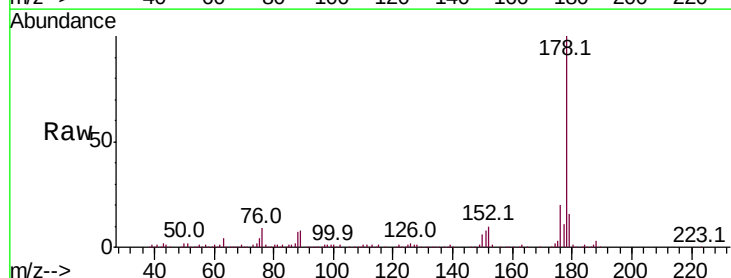
Manual Integrations
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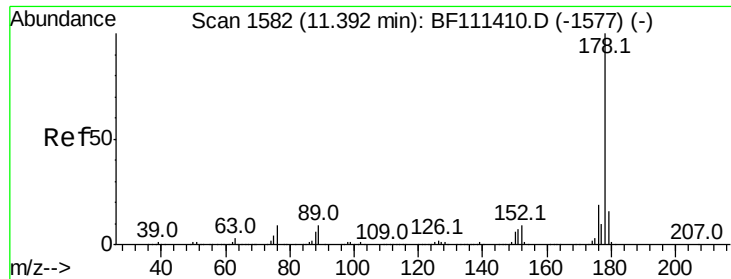
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#71
 Phenanthrene
 Concen: 8.109 ng
 RT: 11.33 min Scan# 1572
 Delta R.T. -0.01 min
 Lab File: BF111460.D
 Acq: 15 Dec 2018 11:22

Tgt Ion	Ratio	Resp	Lower	Upper
178	100			
176	20.1	18.1	27.1	
179	15.8	14.0	21.0	





#72

Anthracene

Concen: 2.010 ng

RT: 11.39 min Scan# 1581

Delta R.T. -0.01 min

Lab File: BF111460.D

Acq: 15 Dec 2018 11:22

Instrument :

BNA_F

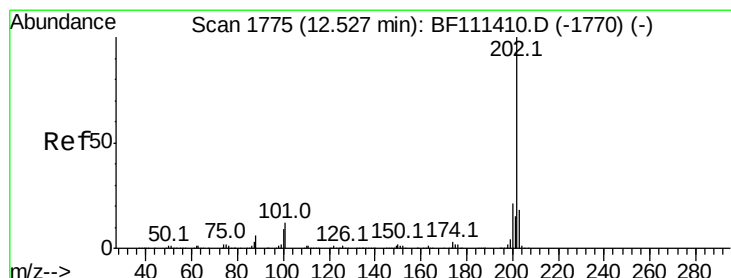
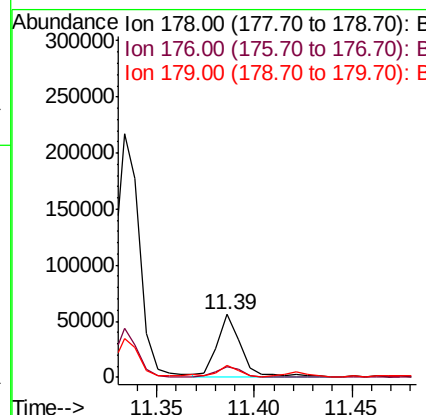
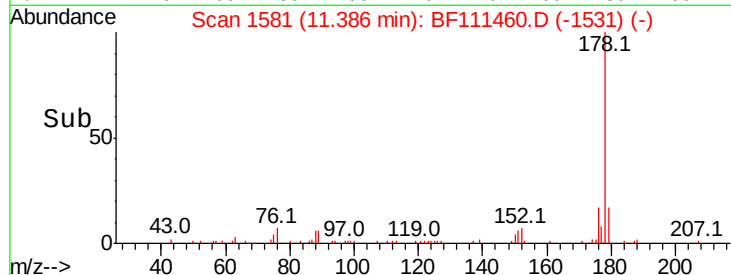
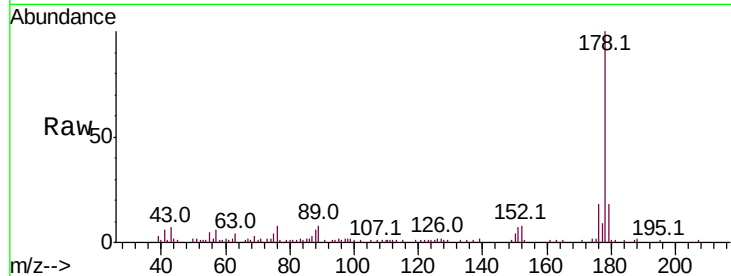
ClientSampled :

TP-2

Tot Ion:	178	Resp:	47107
Ion Ratio	Lower	Upper	
178	100		
176	17.8	17.2	25.8
179	18.1	13.8	20.8

Manual Integrations
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#75

Fluoranthene

Concen: 12.947 ng

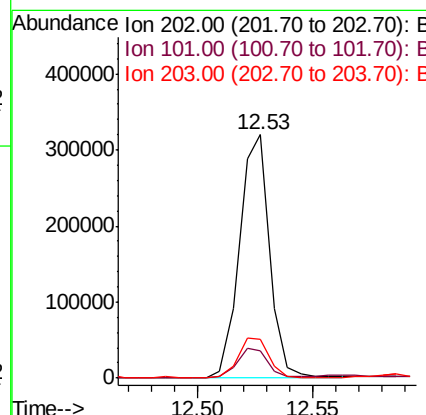
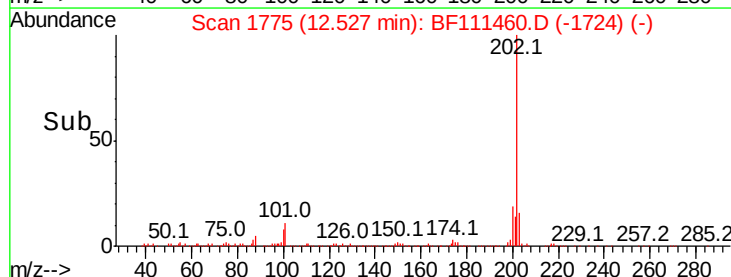
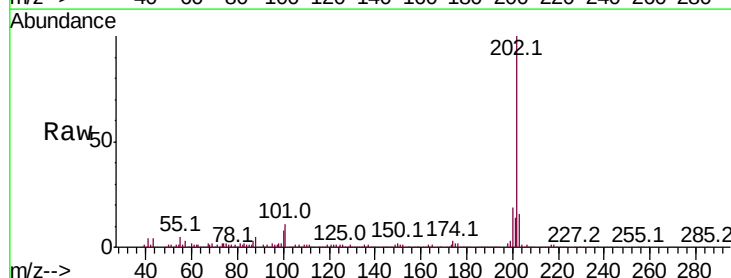
RT: 12.53 min Scan# 1775

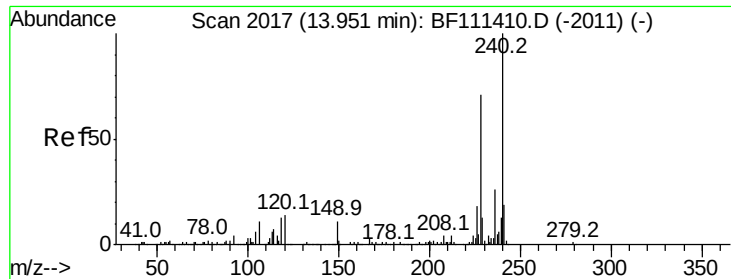
Delta R.T. 0.00 min

Lab File: BF111460.D

Acq: 15 Dec 2018 11:22

Tgt Ion:	202	Resp:	290294
Ion Ratio	Lower	Upper	
202	100		
101	11.1	0.0	33.8
203	15.8	0.0	38.6





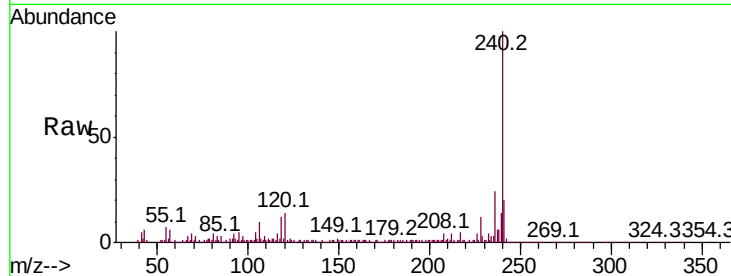
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.95 min Scan# 2017
Delta R.T. -0.00 min
Lab File: BF111460.D
Acq: 15 Dec 2018 11:22

Instrument :
BNA_F
ClientSampled :
TP-2

Tot Ion	Ratio	Lower	Upper
240	100		
120	13.6	12.2	18.2
236	24.2	20.2	30.2

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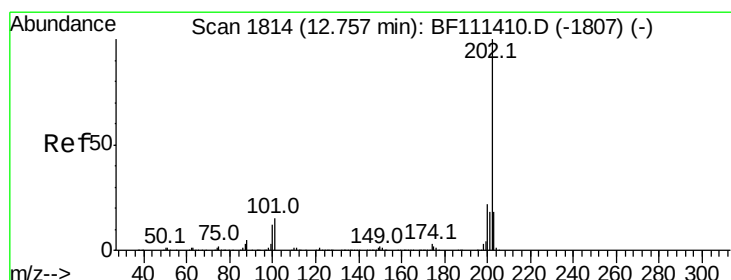
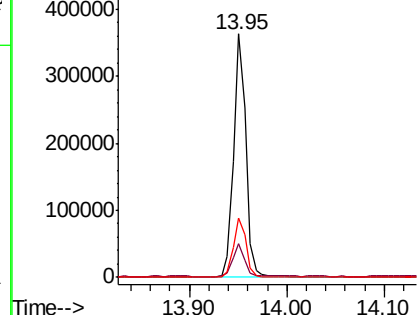
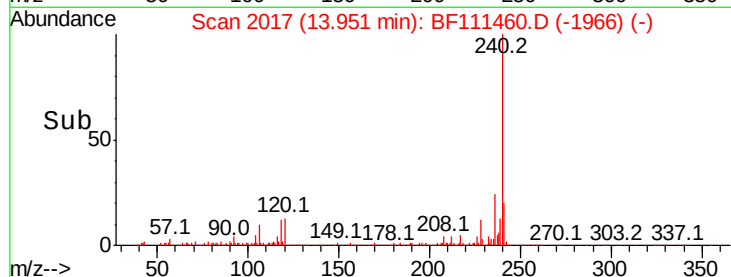


Abundance

Ion 240.00 (239.70 to 240.70): E

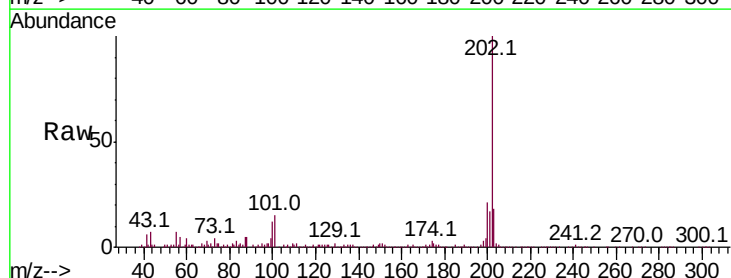
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78
Pyrene
Concen: 11.679 ng
RT: 12.75 min Scan# 1813
Delta R.T. -0.01 min
Lab File: BF111460.D
Acq: 15 Dec 2018 11:22

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.1	19.0	28.4
203	18.2	15.2	22.8

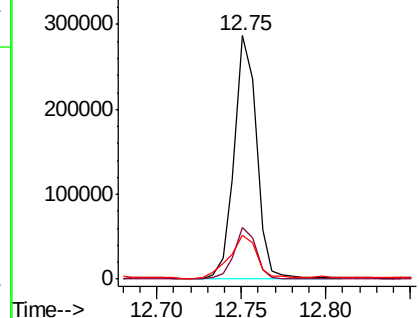
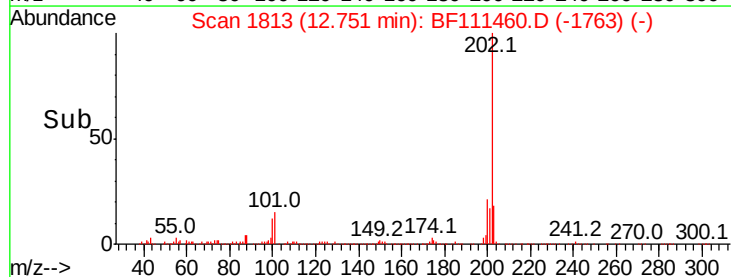


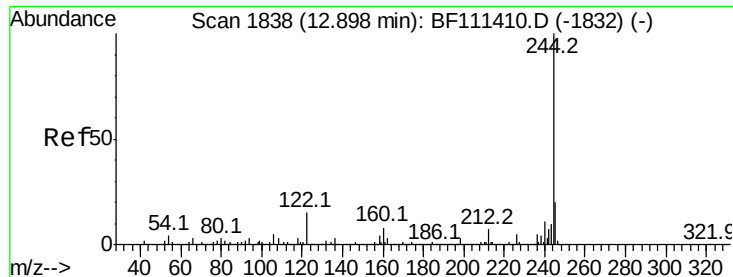
Abundance

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





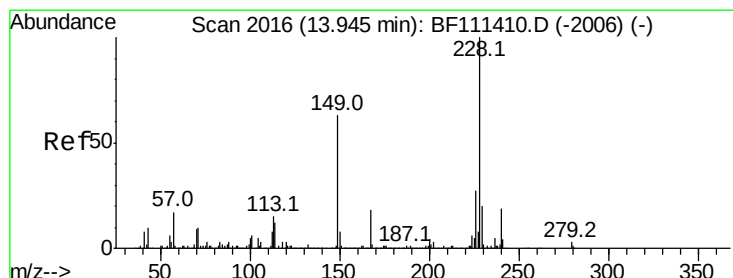
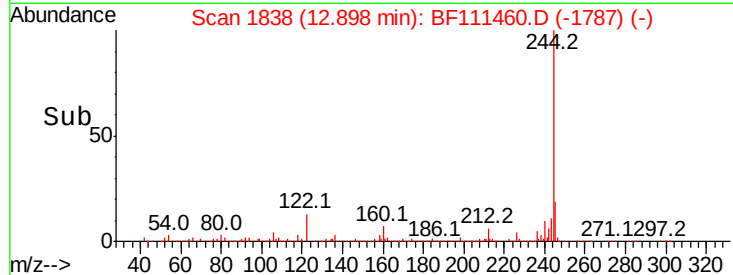
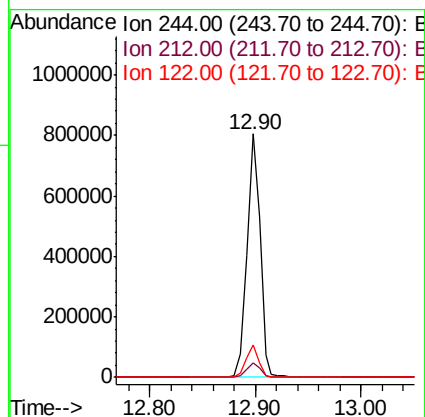
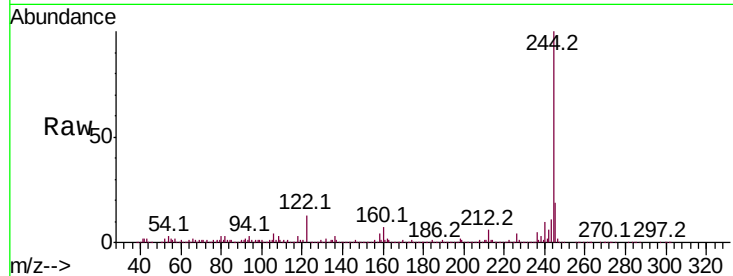
#79
 Terphenyl-d14
 Concen: 50.132 ng
 RT: 12.90 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: BF111460.D
 Acq: 15 Dec 2018 11:22

Instrument :
 BNA_F
 ClientSampled :
 TP-2

Tot Ion:244	Resp: 682550
Ion Ratio	Lower Upper
244 100	
212 6.2	5.7 8.5
122 13.3	13.1 19.7

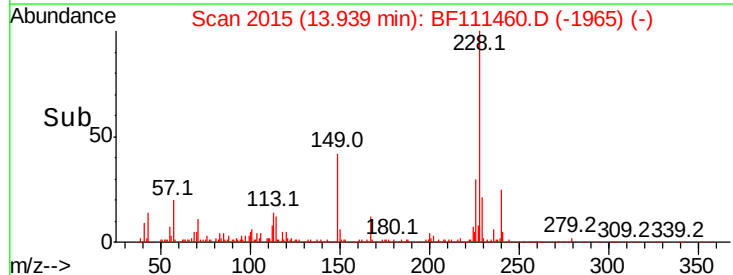
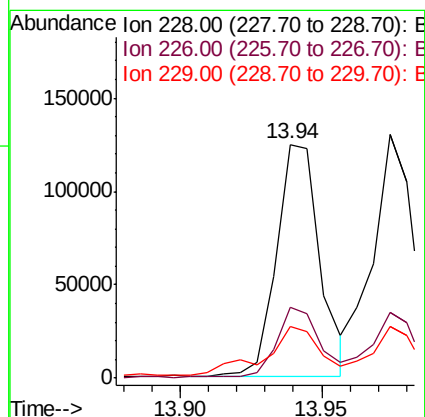
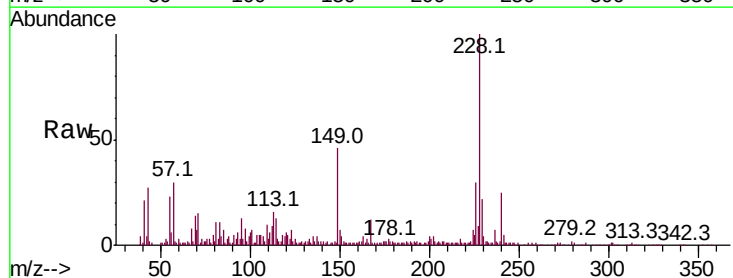
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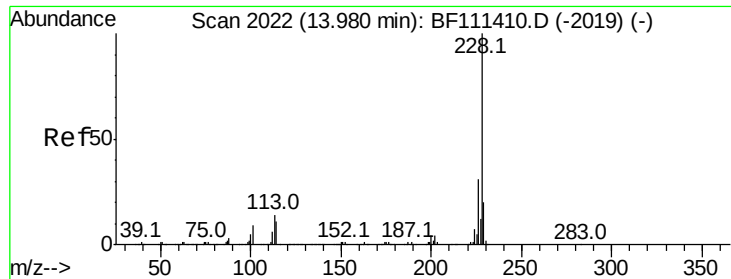
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#81
 Benzo(a)anthracene
 Concen: 7.643 ng
 RT: 13.94 min Scan# 2015
 Delta R.T. -0.01 min
 Lab File: BF111460.D
 Acq: 15 Dec 2018 11:22

Tgt Ion:228	Resp: 132864
Ion Ratio	Lower Upper
228 100	
226 30.4	22.6 34.0
229 22.0	16.3 24.5





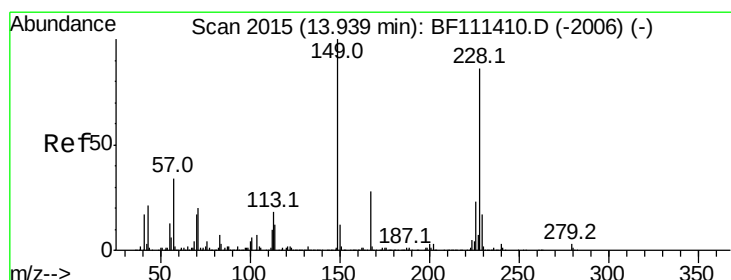
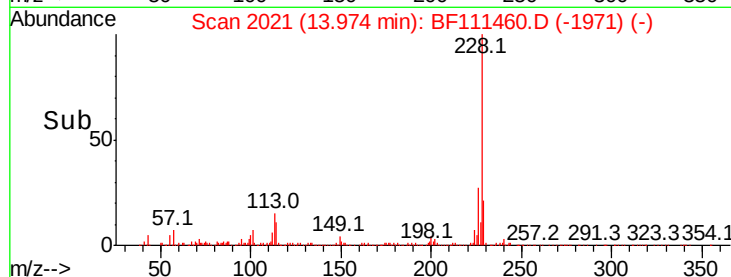
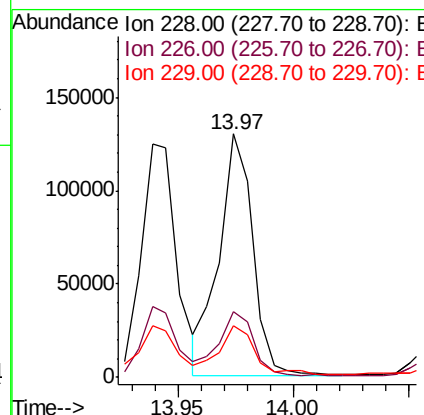
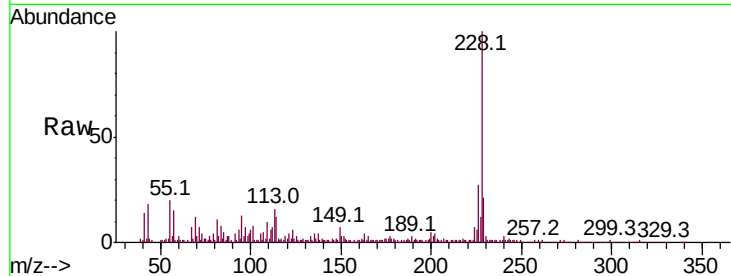
#83
Chrysene
Concen: 7.216 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BF111460.D
Acq: 15 Dec 2018 11:22

Instrument :
BNA_F
ClientSampled :
TP-2

Tot Ion:228	Resp:	132146
Ion Ratio	Lower	Upper
228 100		
226 27.2	25.3	37.9
229 21.3	17.2	25.8

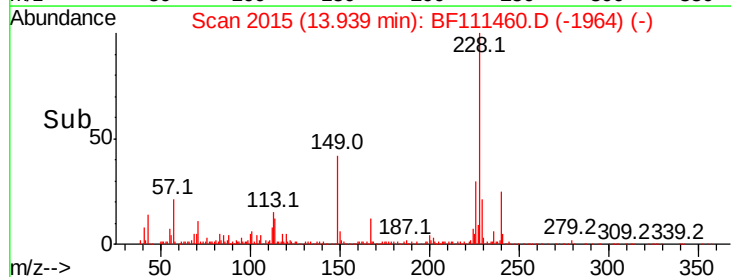
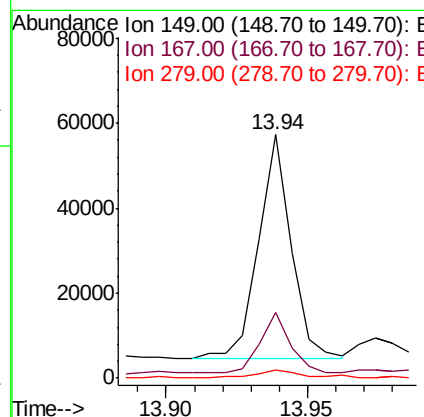
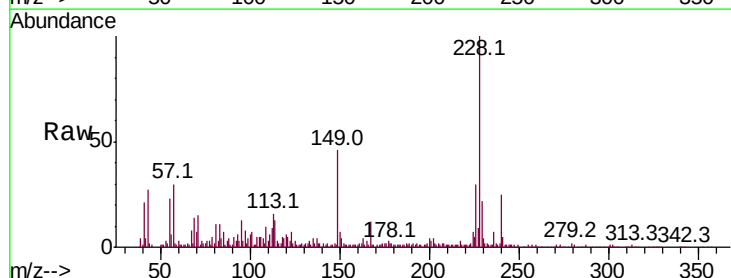
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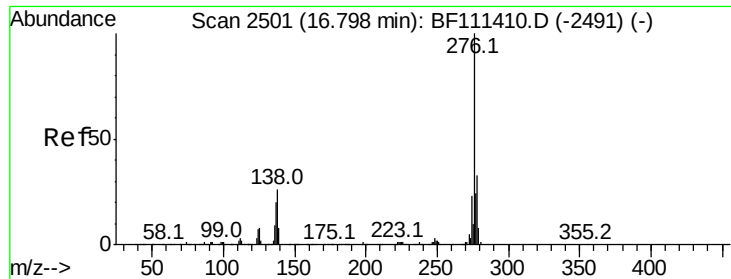
Sohil
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#84
Bis(2-ethylhexyl)phthalate
Concen: 3.006 ng
RT: 13.94 min Scan# 2015
Delta R.T. -0.00 min
Lab File: BF111460.D
Acq: 15 Dec 2018 11:22

Tgt Ion:149	Resp:	42185
Ion Ratio	Lower	Upper
149 100		
167 27.2	22.5	33.7
279 3.4	2.6	4.0





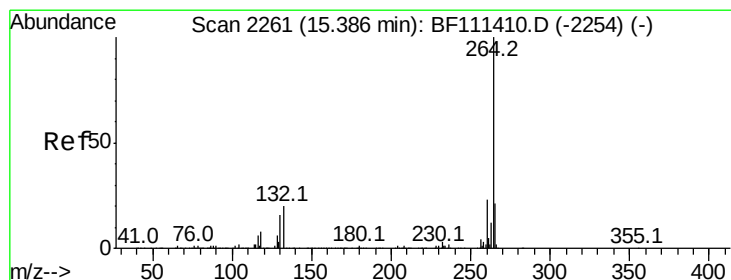
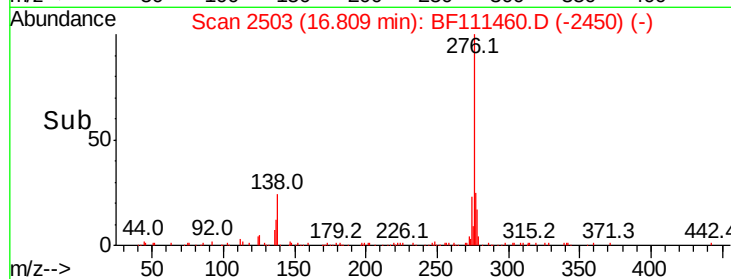
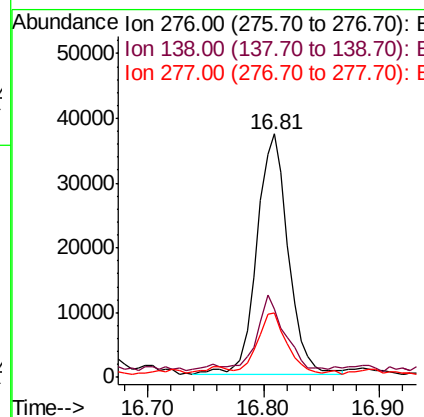
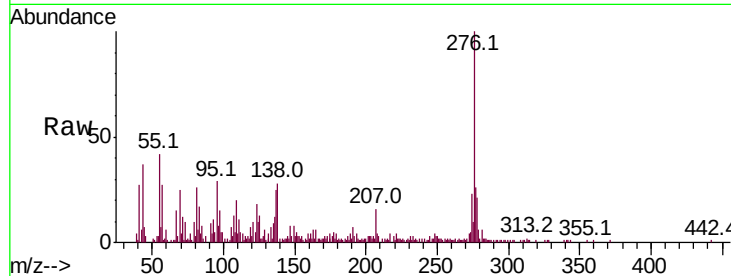
#86
 Indeno(1,2,3-cd)pyrene
 Concen: 5.285 ng
 RT: 16.81 min Scan# 2503
 Delta R.T. 0.01 min
 Lab File: BF111460.D
 Acq: 15 Dec 2018 11:22

Instrument :
 BNA_F
 ClientSampled :
 TP-2

Tot Ion	Ratio	Lower	Upper
276	100		
138	27.8	27.8	41.6
277	25.8	20.1	30.1

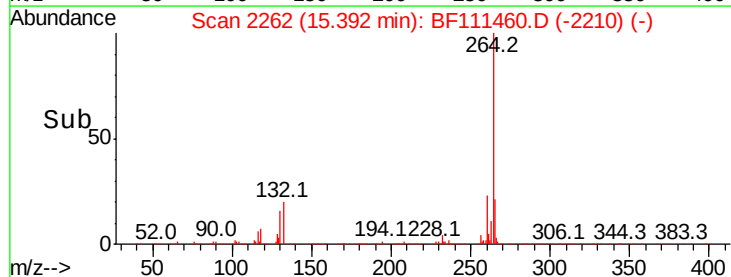
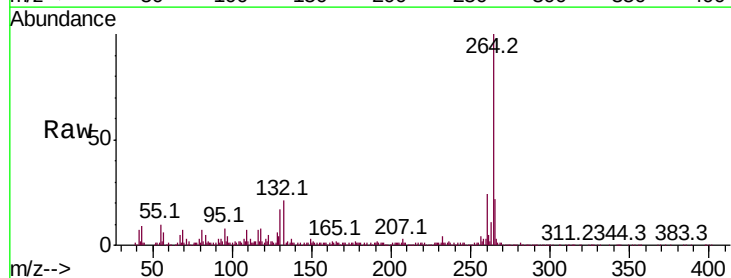
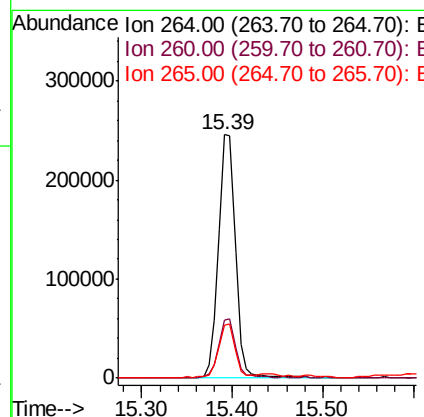
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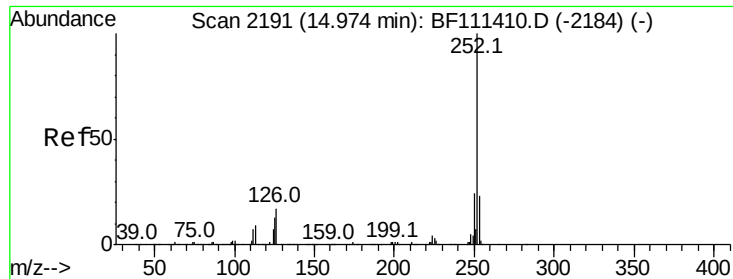
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#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.39 min Scan# 2262
 Delta R.T. 0.01 min
 Lab File: BF111460.D
 Acq: 15 Dec 2018 11:22

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.3	27.5
265	21.6	17.7	26.5





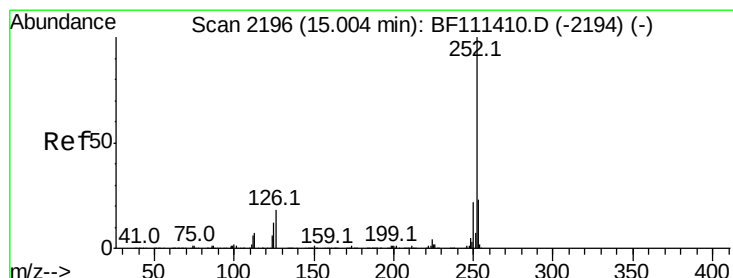
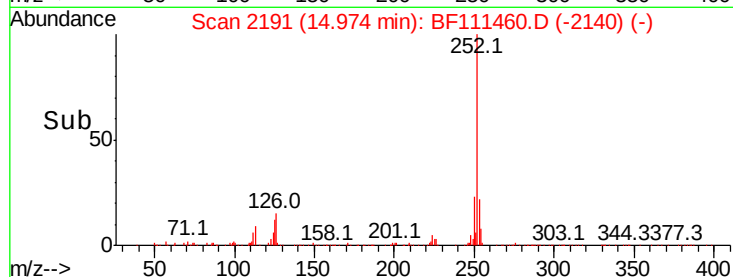
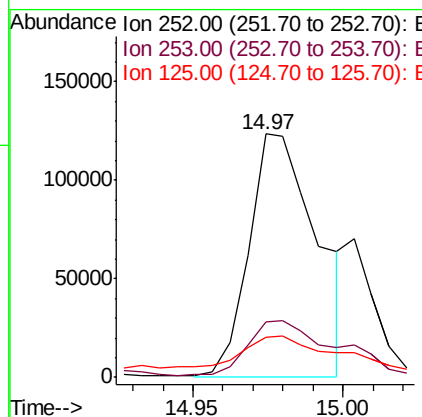
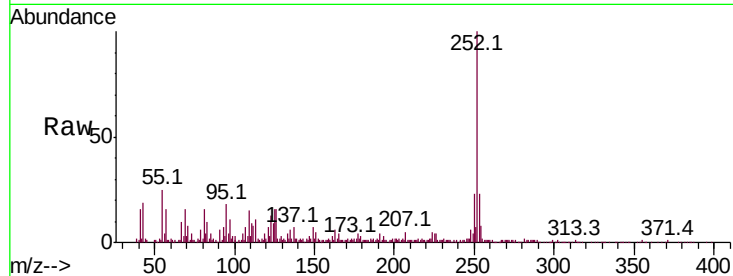
#88
Benzo(b)fluoranthene
Concen: 10.435 ng m
RT: 14.97 min Scan# 2191
Delta R.T. -0.00 min
Lab File: BF111460.D
Acq: 15 Dec 2018 11:22

Instrument :
BNA_F
ClientSampled :
TP-2

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.2	27.2
125	16.4	10.4	15.6

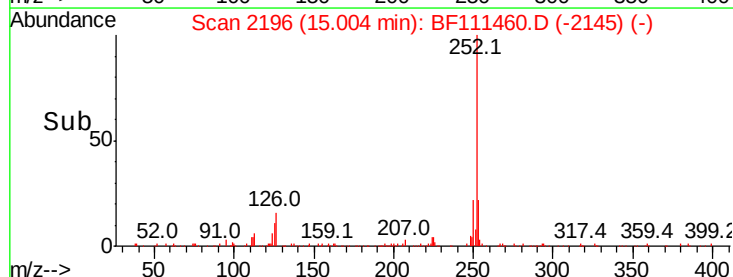
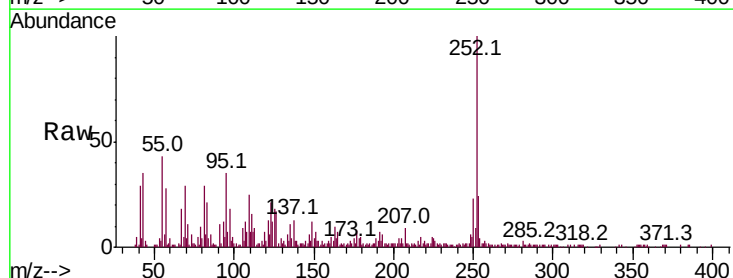
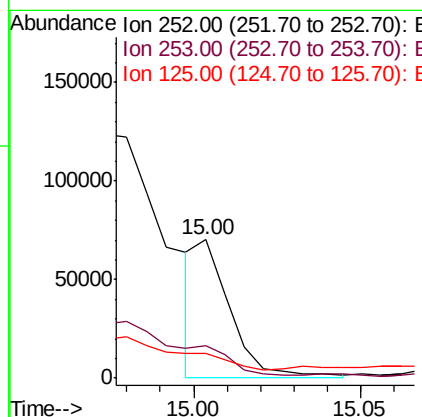
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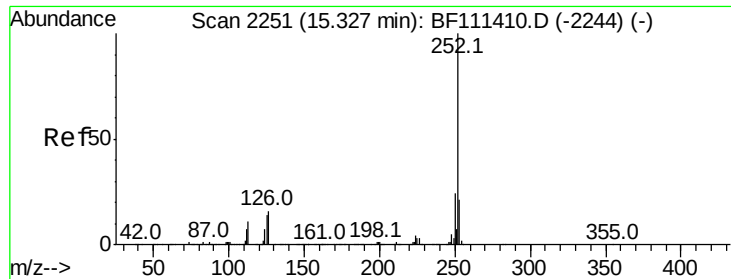
Sohil
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#89
Benzo(k)fluoranthene
Concen: 2.736 ng m
RT: 15.00 min Scan# 2196
Delta R.T. -0.00 min
Lab File: BF111460.D
Acq: 15 Dec 2018 11:22

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.1	27.1
125	18.1	9.8	14.8





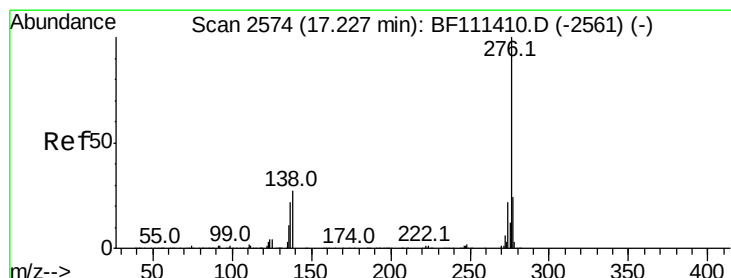
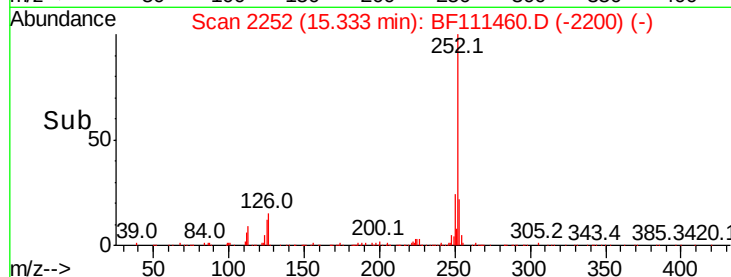
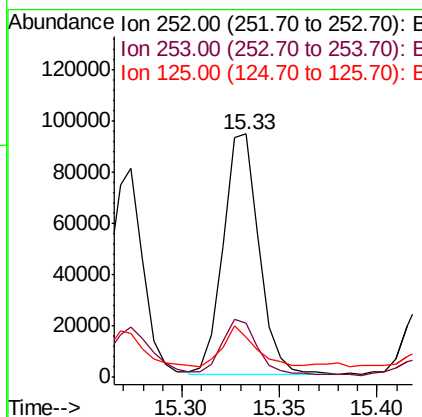
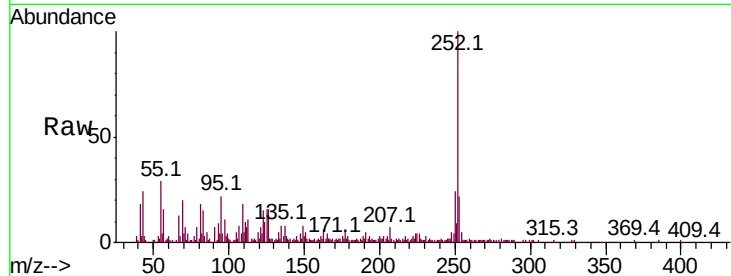
#90
Benzo(a)pyrene
Concen: 7.159 ng
RT: 15.33 min Scan# 2252
Delta R.T. 0.01 min
Lab File: BF111460.D
Acq: 15 Dec 2018 11:22

Instrument :
BNA_F
ClientSampled :
TP-2

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	22.5	17.8	26.8
125	16.5	12.3	18.5

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 5.913 ng
RT: 17.23 min Scan# 2575
Delta R.T. 0.01 min
Lab File: BF111460.D
Acq: 15 Dec 2018 11:22

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
277	24.4	19.2	28.8
138	28.7	24.9	37.3

