

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121618\
 Data File : BF111506.D
 Acq On : 16 Dec 2018 14:07
 Operator : JU/SJ
 Sample : J6303-03 2X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NR38-C1-110718

Manual Integrations
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Sohil
 12/17/2018 11:19:42 AM

Quant Time: Dec 17 06:55:28 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	193805	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	825489	20.00	ng	-0.01
39) Acenaphthene-d10	9.82	164	390459	20.00	ng	-0.01
64) Phenanthrene-d10	11.30	188	480764	20.00	ng	-0.01
76) Chrysene-d12	13.94	240	445318	20.00	ng	-0.01
87) Perylene-d12	15.37	264	435248	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	372892	32.02	ng	-0.01
7) Phenol-d6	6.42	99	495174	31.96	ng	-0.02
23) Nitrobenzene-d5	7.34	82	348357	25.13	ng	-0.02
42) 2,4,6-Tribromophenol	10.60	330	78104	22.33	ng	-0.02
45) 2-Fluorobiphenyl	9.15	172	659610	26.09	ng	-0.01
79) Terphenyl-d14	12.89	244	431209	22.74	ng	-0.01
Target Compounds						
75) Fluoranthene	12.52	202	218731	9.025	ng	Qvalue 98
78) Pyrene	12.75	202	215716	6.871	ng	96
81) Benzo(a)anthracene	13.93	228	108674	4.488	ng	96
83) Chrysene	13.96	228	98425	3.859	ng	95
86) Indeno(1,2,3-cd)pyrene	16.78	276	41861	2.274	ng	94
88) Benzo(b)fluoranthene	14.96	252	129911m	5.120	ng	
90) Benzo(a)pyrene	15.31	252	95895	4.191	ng	# 94
92) Benzo(g,h,i)perylene	17.20	276	44486	2.511	ng	# 87

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

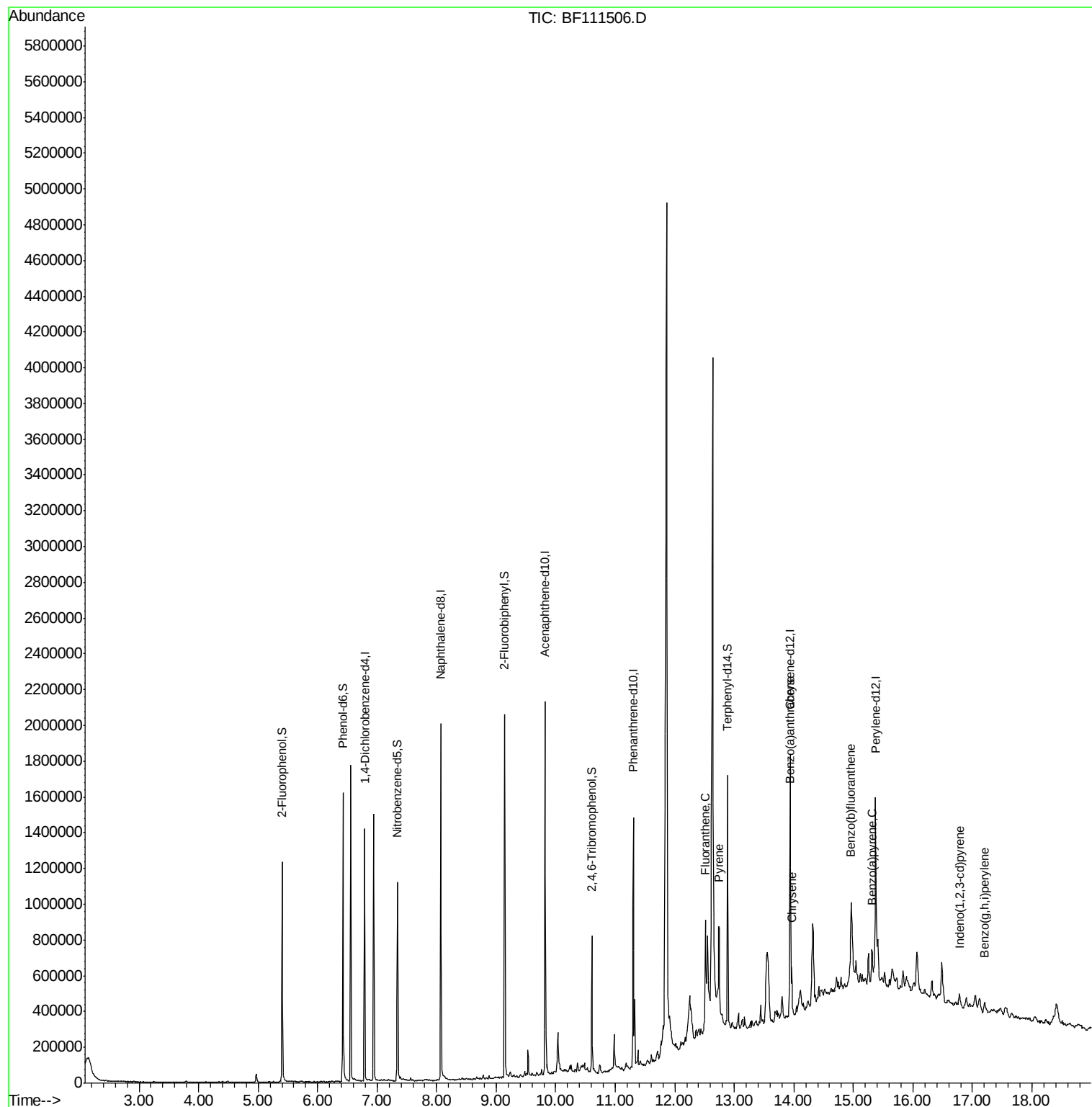
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121618\
Data File : BF111506.D
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ALS Vial : 3 Sample Multiplier: 1

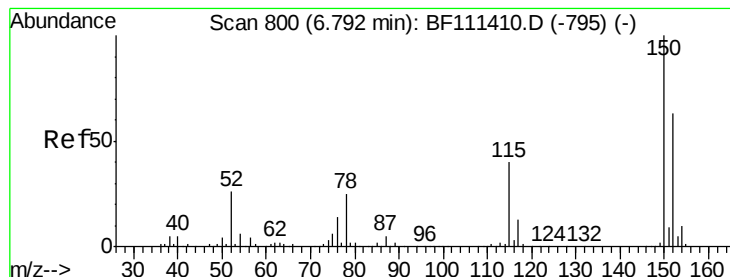
Instrument :
BNA_F
ClientSampleId :
NR38-C1-110718

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121418.M
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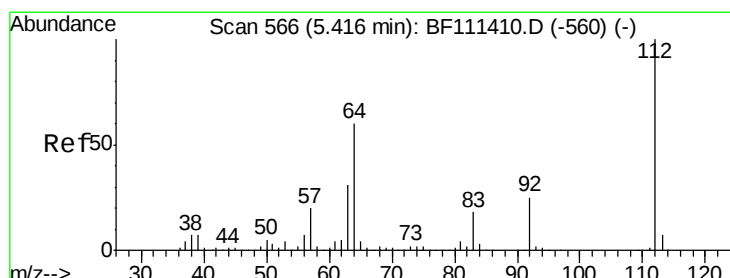
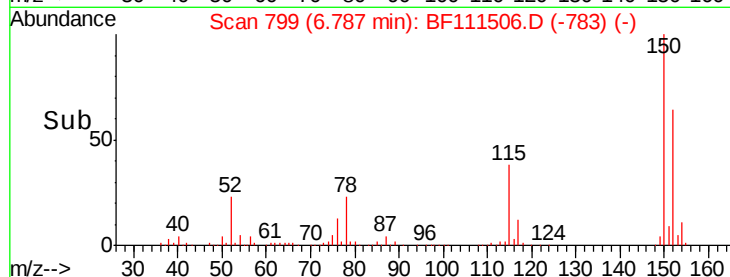
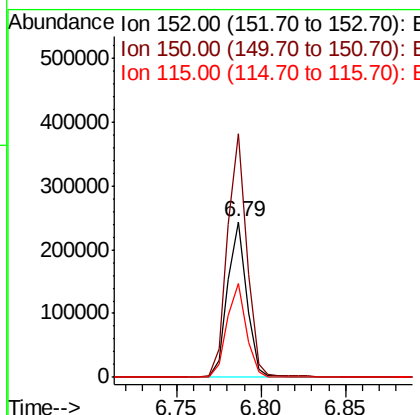
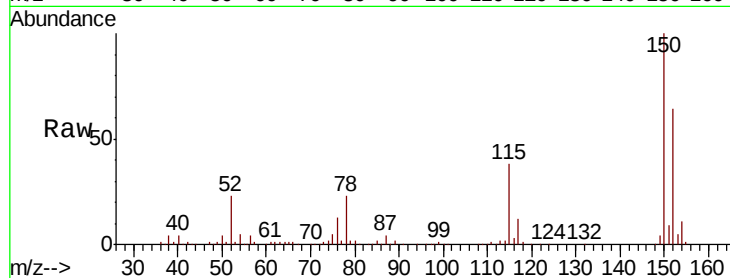
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 799
 Delta R.T. -0.01 min
 Lab File: BF111506.D
 Acq: 16 Dec 2018 14:07

Instrument :
 BNA_F
 ClientSampleId :
 NR38-C1-110718

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.5	126.6	189.8
115	60.2	50.7	76.1

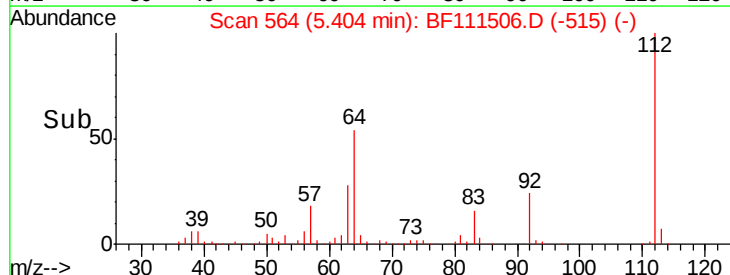
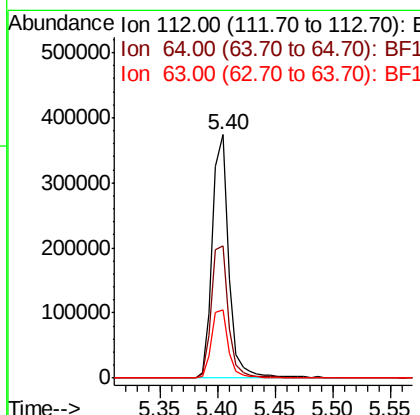
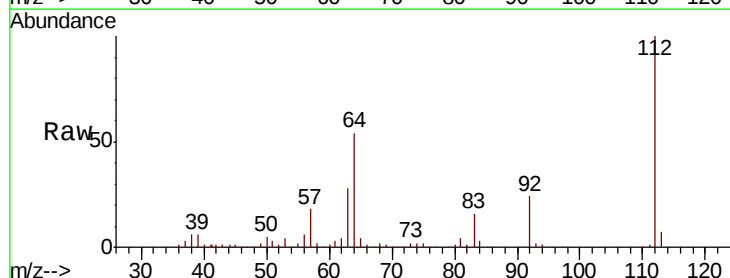
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#5
 2-Fluorophenol
 Concen: 32.017 ng
 RT: 5.40 min Scan# 564
 Delta R.T. -0.01 min
 Lab File: BF111506.D
 Acq: 16 Dec 2018 14:07

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.3	51.8	77.6
63	28.0	26.8	40.2





#7

Phenol-d6

Concen: 31.963 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.02 min

Lab File: BF111506.D

Acq: 16 Dec 2018 14:07

Instrument :

BNA_F

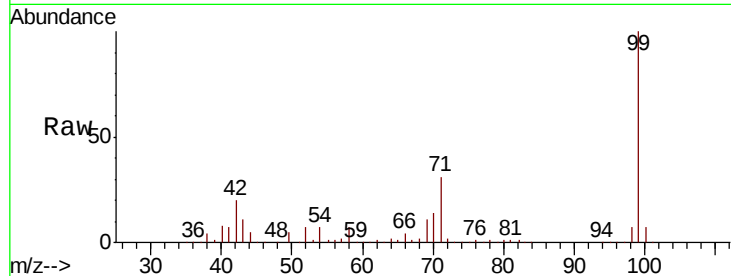
ClientSampleId :

NR38-C1-110718

Tot Ion:	99	Resp:	495174
Ion	Ratio	Lower	Upper
99	100		
42	20.1	17.4	26.0
71	30.6	26.1	39.1

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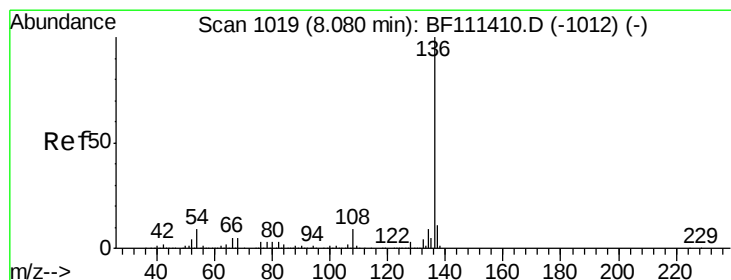
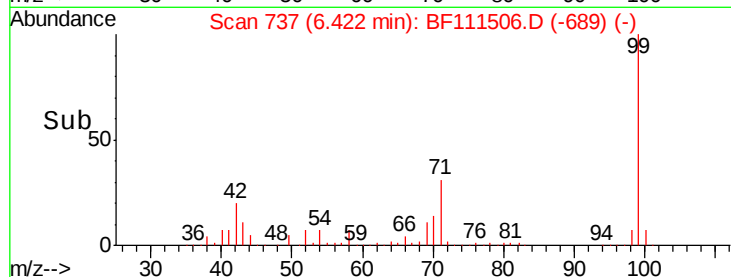
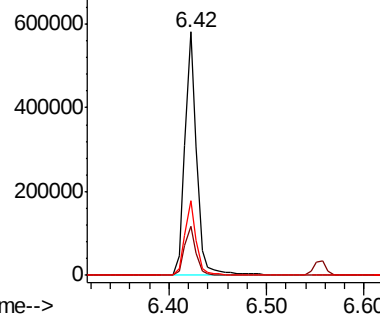


Abundance

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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1017

Delta R.T. -0.01 min

Lab File: BF111506.D

Acq: 16 Dec 2018 14:07

Tgt Ion:	136	Resp:	825489
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.1	13.7
54	8.5	7.7	11.5
68	5.7	4.9	7.3

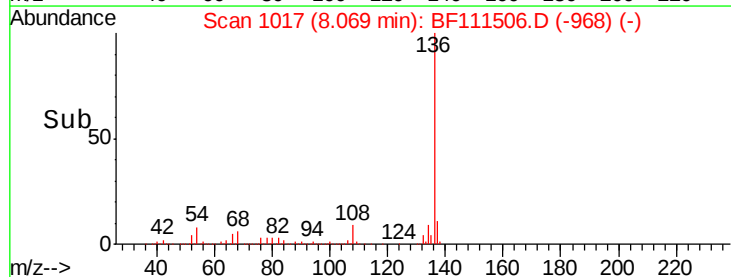
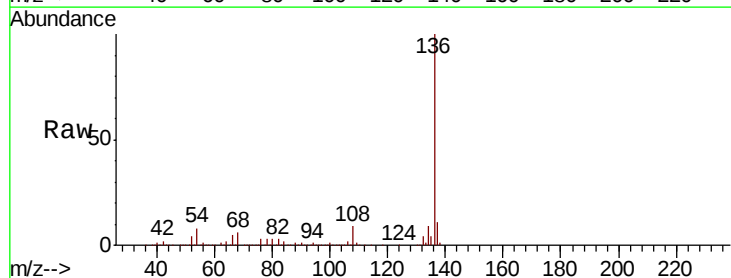
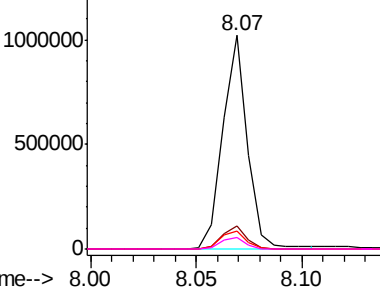
Abundance

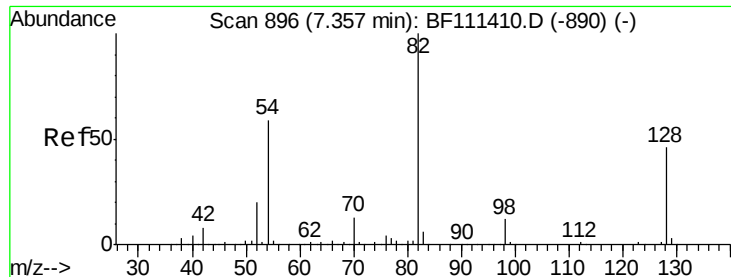
Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1





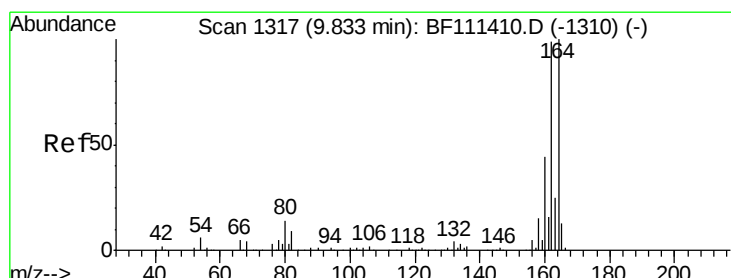
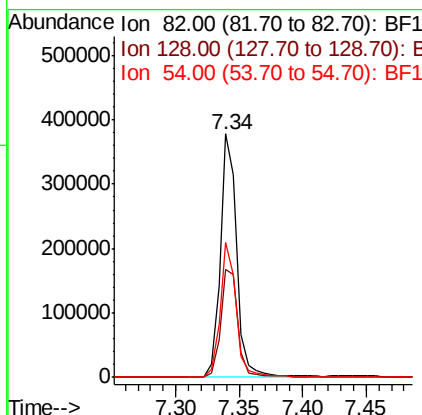
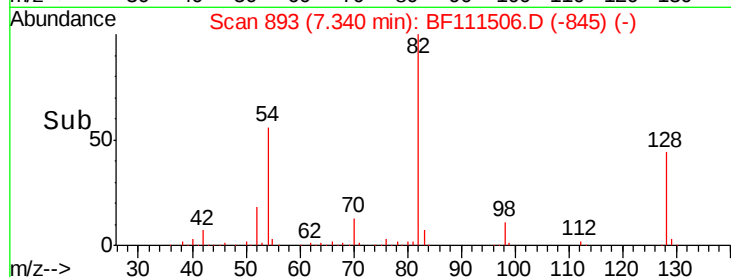
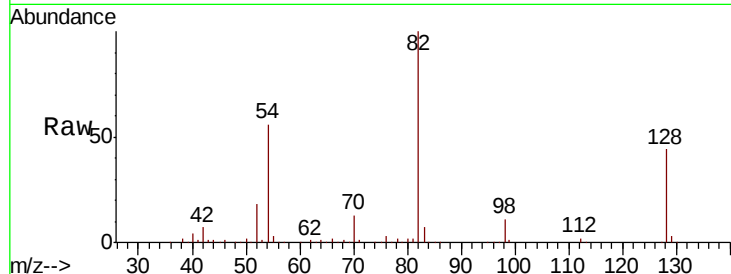
#23
Nitrobenzene-d5
Concen: 25.130 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.02 min
Lab File: BF111506.D
Acq: 16 Dec 2018 14:07

Instrument :
BNA_F
ClientSampleId :
NR38-C1-110718

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.2	37.4	56.2
54	55.6	47.6	71.4

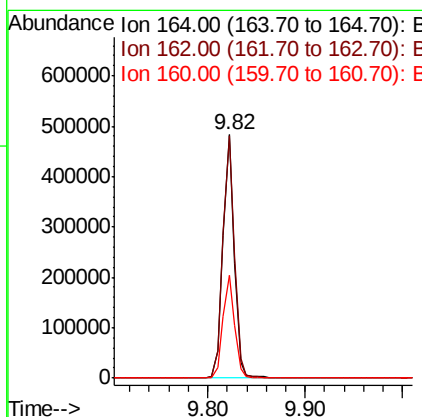
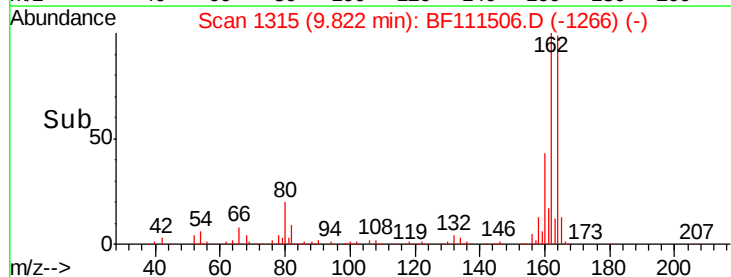
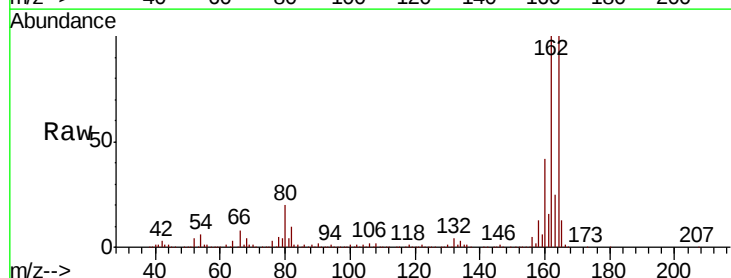
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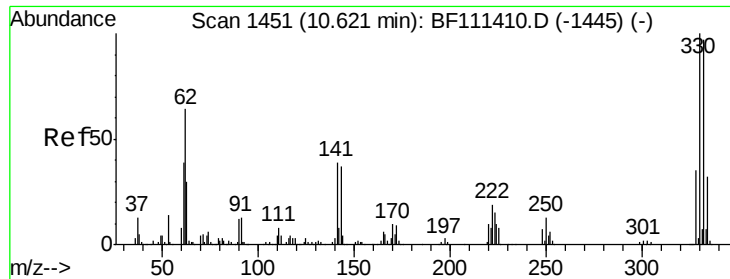
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF111506.D
Acq: 16 Dec 2018 14:07

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.5	81.4	122.0
160	42.4	35.7	53.5





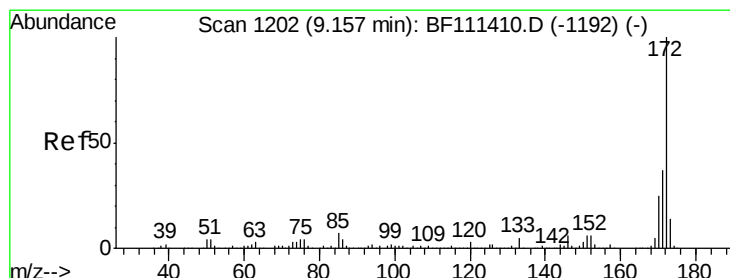
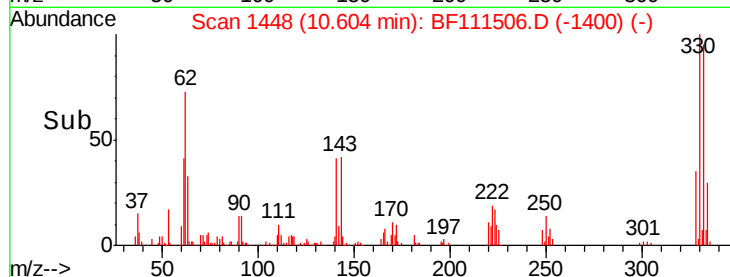
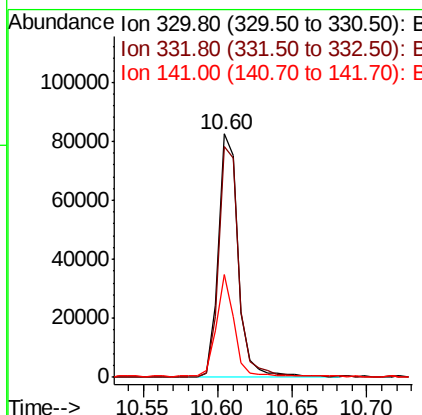
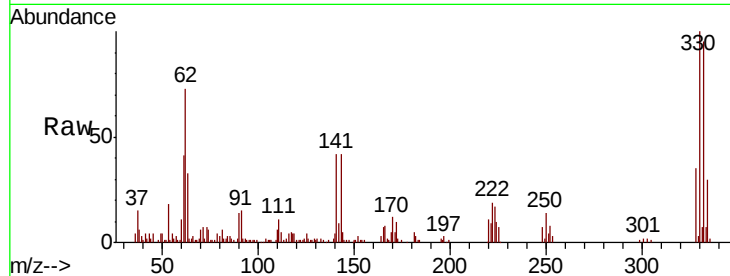
#42
 2,4,6-Tribromophenol
 Concen: 22.330 ng
 RT: 10.60 min Scan# 1448
 Delta R.T. -0.02 min
 Lab File: BF111506.D
 Acq: 16 Dec 2018 14:07

Instrument :
 BNA_F
 ClientSampleId :
 NR38-C1-110718

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	76.0	114.0
141	39.2	31.0	46.6

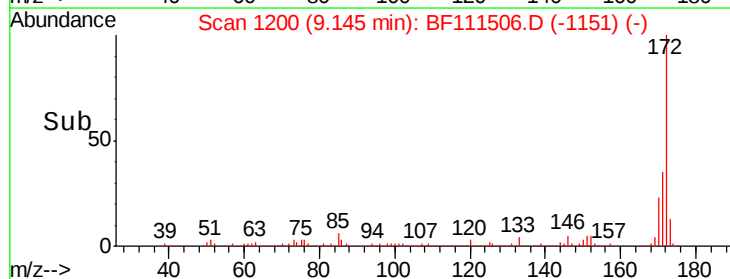
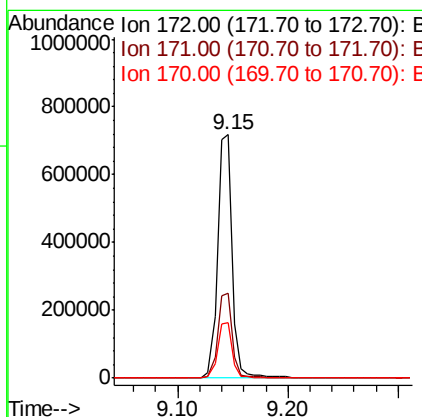
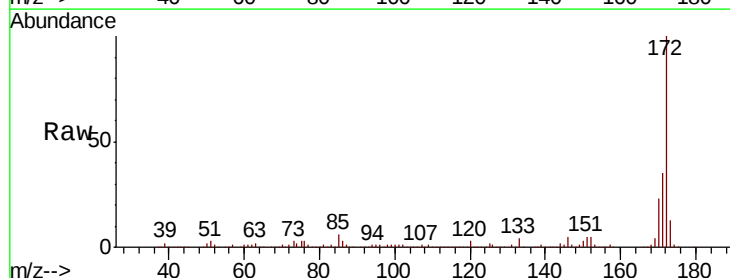
Manual Integrations
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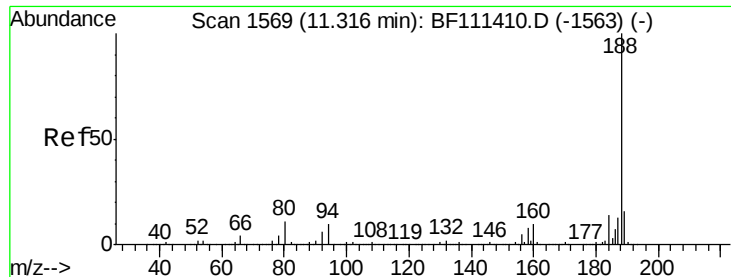
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#45
 2-Fluorobiphenyl
 Concen: 26.094 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BF111506.D
 Acq: 16 Dec 2018 14:07

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.9	33.0	49.4
170	23.0	22.3	33.5





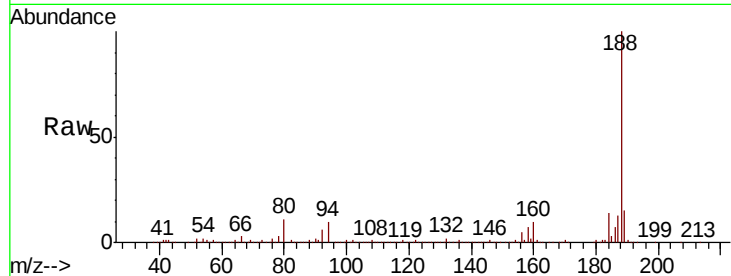
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1567
Delta R.T. -0.01 min
Lab File: BF111506.D
Acq: 16 Dec 2018 14:07

Instrument :
BNA_F
ClientSampleId :
NR38-C1-110718

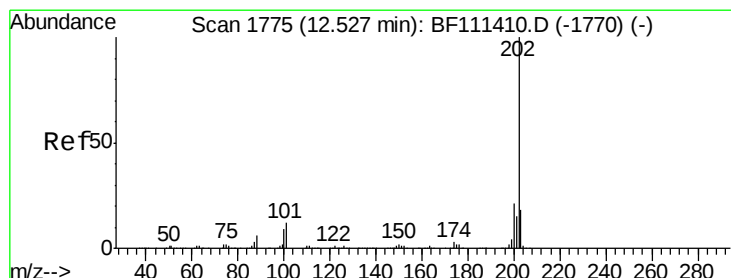
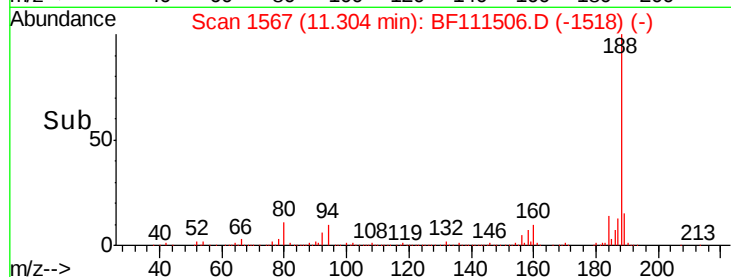
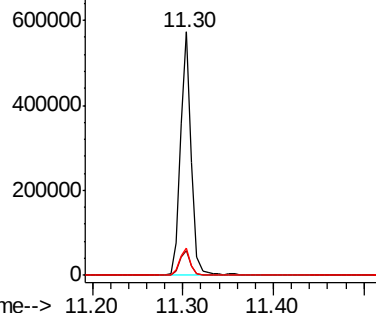
Tot Ion:	188	Resp:	480764
Ion Ratio	Lower	Upper	
188	100		
94	9.9	9.6	14.4
80	11.1	9.8	14.6

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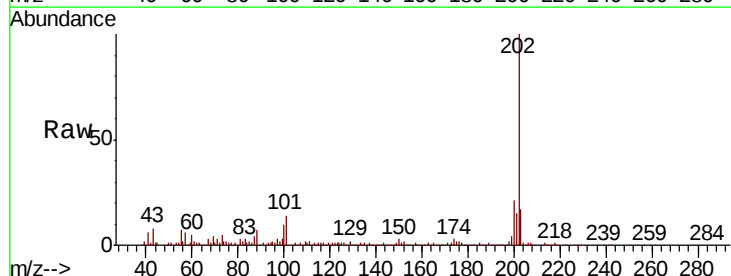


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

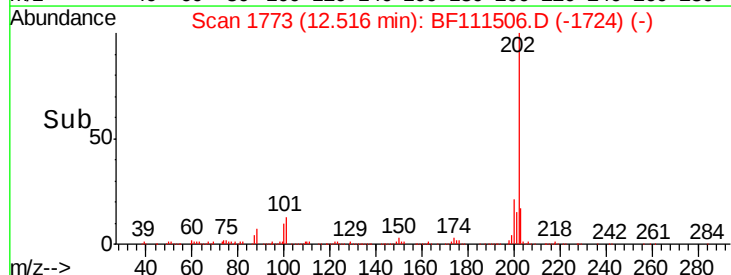
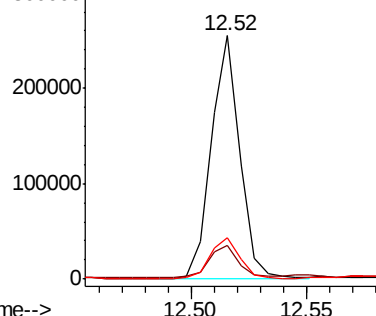


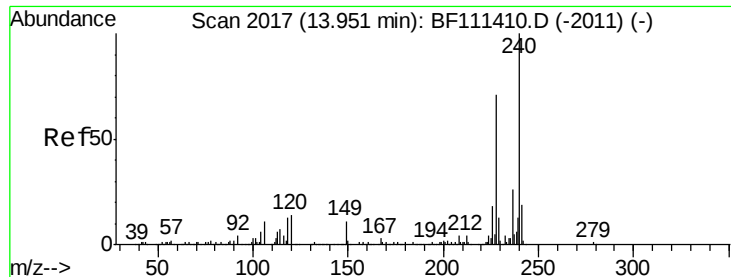
#75
Fluoranthene
Concen: 9.025 ng
RT: 12.52 min Scan# 1773
Delta R.T. -0.01 min
Lab File: BF111506.D
Acq: 16 Dec 2018 14:07

Tgt Ion:	202	Resp:	218731
Ion Ratio	Lower	Upper	
202	100		
101	13.7	0.0	33.8
203	17.1	0.0	38.6



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: 13.94 min Scan# 2015

Delta R.T. -0.01 min

Lab File: BF111506.D

Acq: 16 Dec 2018 14:07

Instrument :

BNA_F

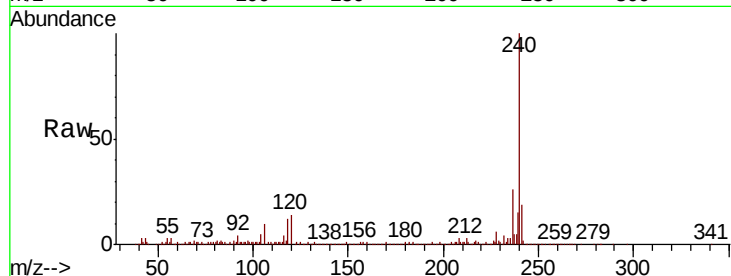
ClientSampleId :

NR38-C1-110718

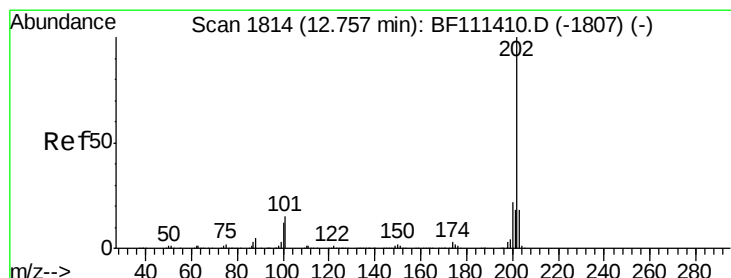
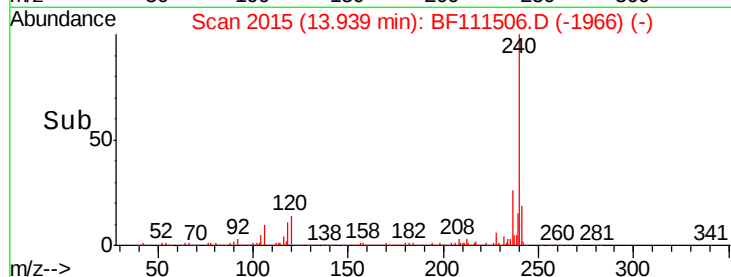
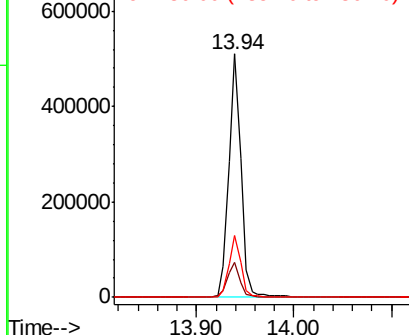
Tot Ion:	240	Resp:	445318
Ion Ratio	Lower	Upper	
240	100		
120	14.4	12.2	18.2
236	25.7	20.2	30.2

Manual Integrations
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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: 6.871 ng

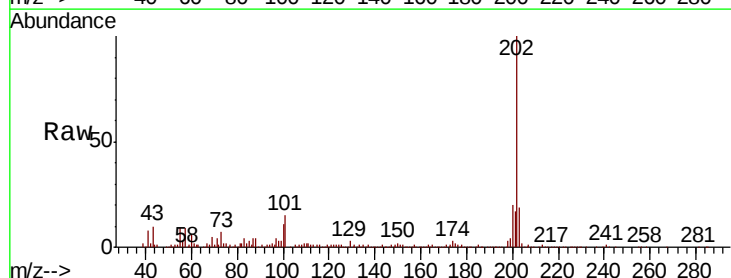
RT: 12.75 min Scan# 1812

Delta R.T. -0.01 min

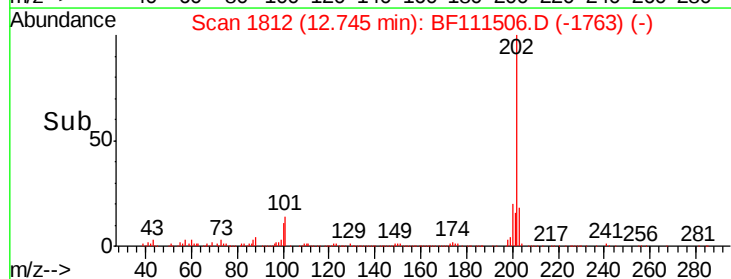
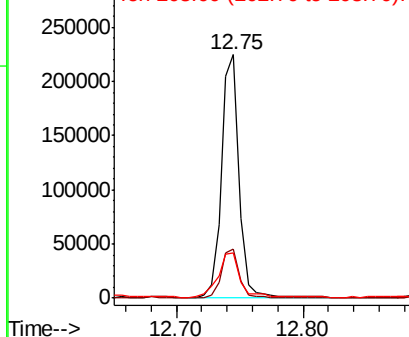
Lab File: BF111506.D

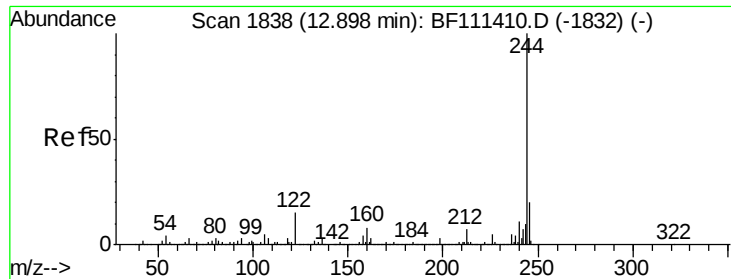
Acq: 16 Dec 2018 14:07

Tgt Ion:	202	Resp:	215716
Ion Ratio	Lower	Upper	
202	100		
200	20.2	19.0	28.4
203	18.5	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





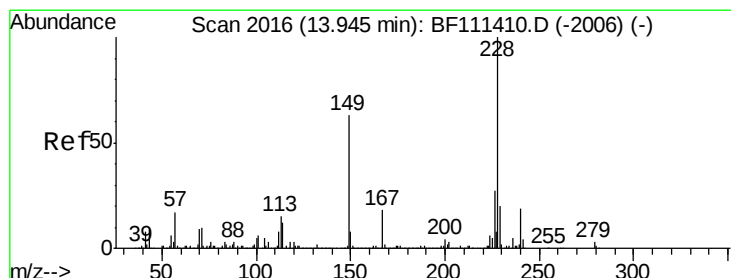
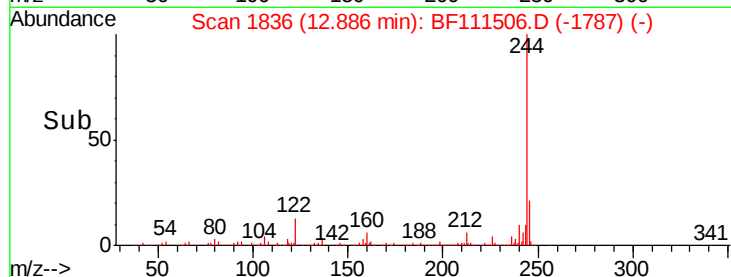
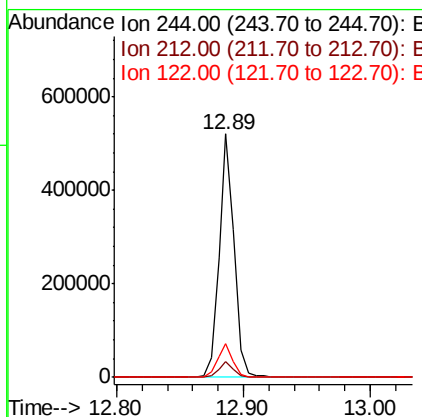
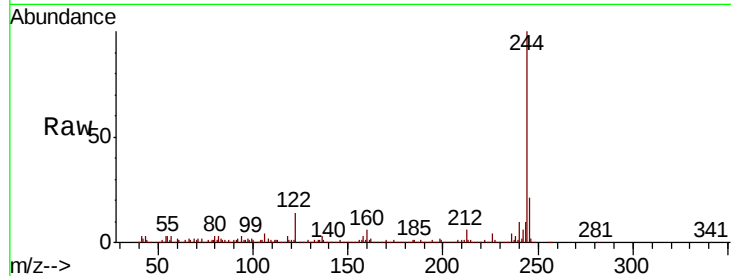
#79
 Terphenyl-d14
 Concen: 22.738 ng
 RT: 12.89 min Scan# 1836
 Delta R.T. -0.01 min
 Lab File: BF111506.D
 Acq: 16 Dec 2018 14:07

Instrument :
 BNA_F
 ClientSampleId :
 NR38-C1-110718

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.7	8.5
122	13.6	13.1	19.7

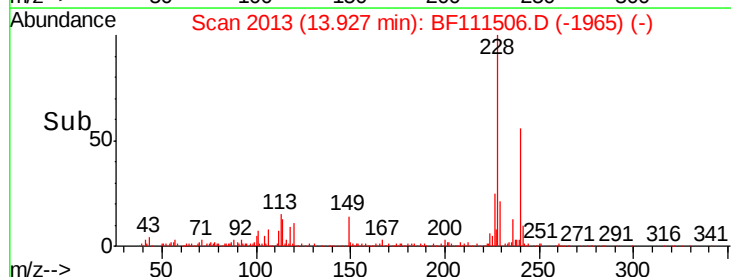
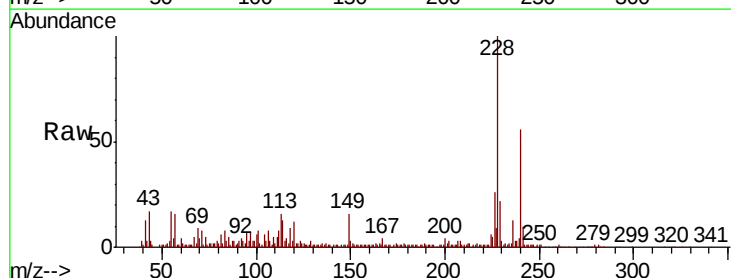
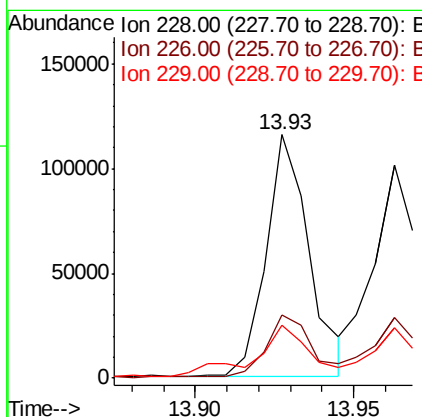
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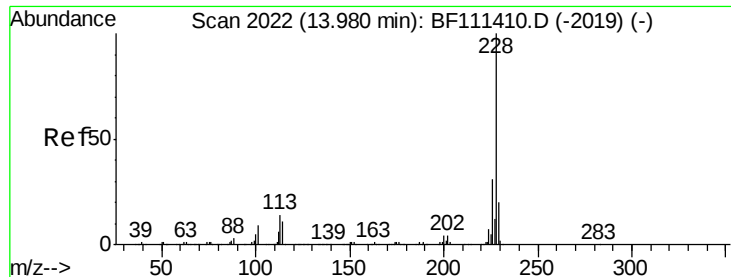
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#81
 Benzo(a)anthracene
 Concen: 4.488 ng
 RT: 13.93 min Scan# 2013
 Delta R.T. -0.02 min
 Lab File: BF111506.D
 Acq: 16 Dec 2018 14:07

Tgt Ion	Ratio	Lower	Upper
228	100		
226	25.9	22.6	34.0
229	21.6	16.3	24.5





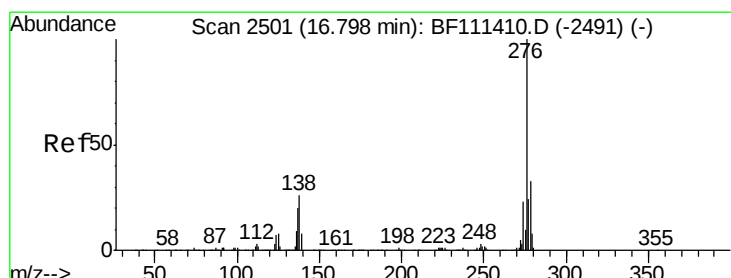
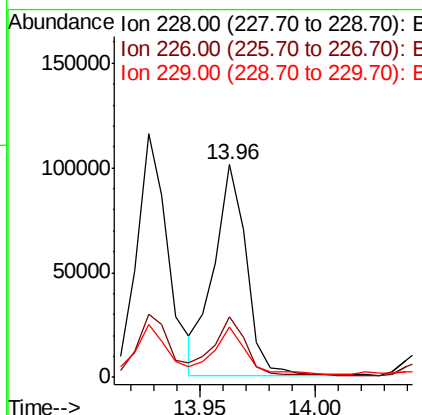
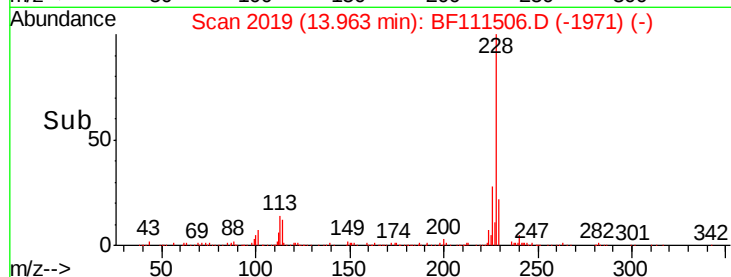
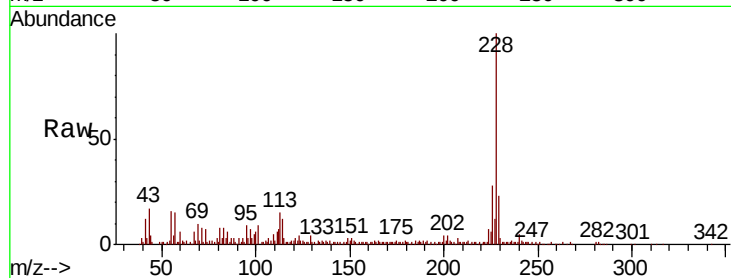
#83
Chrysene
Concen: 3.859 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.02 min
Lab File: BF111506.D
Acq: 16 Dec 2018 14:07

Instrument :
BNA_F
ClientSampleId :
NR38-C1-110718

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.5	25.3	37.9
229	23.4	17.2	25.8

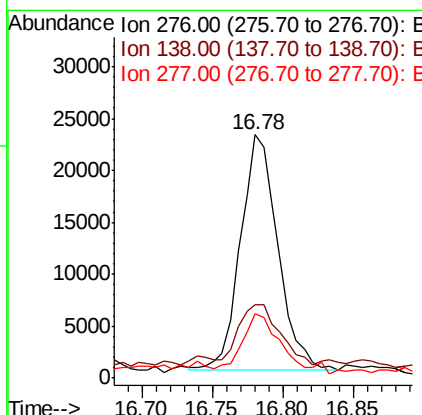
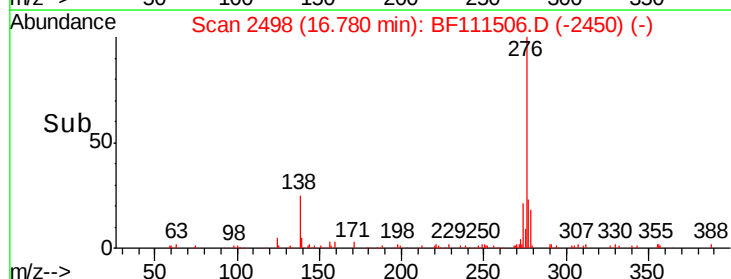
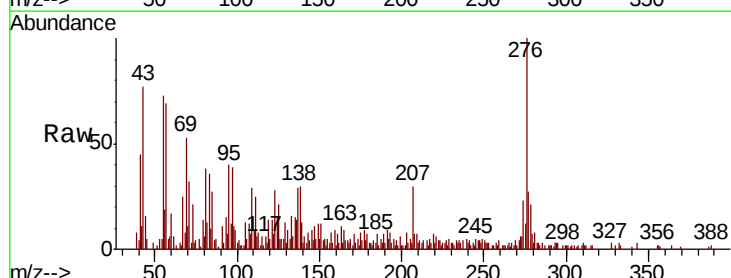
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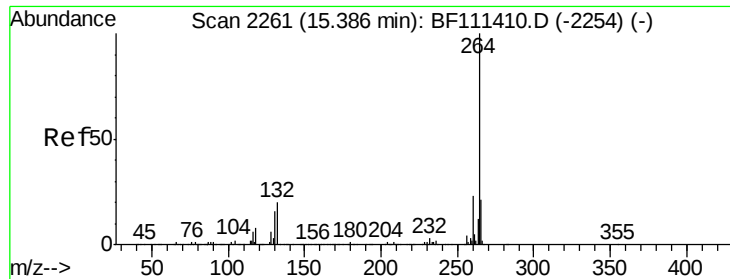
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#86
Indeno(1,2,3-cd)pyrene
Concen: 2.274 ng
RT: 16.78 min Scan# 2498
Delta R.T. -0.02 min
Lab File: BF111506.D
Acq: 16 Dec 2018 14:07

Tgt Ion	Ratio	Lower	Upper
276	100		
138	29.8	27.8	41.6
277	24.1	20.1	30.1





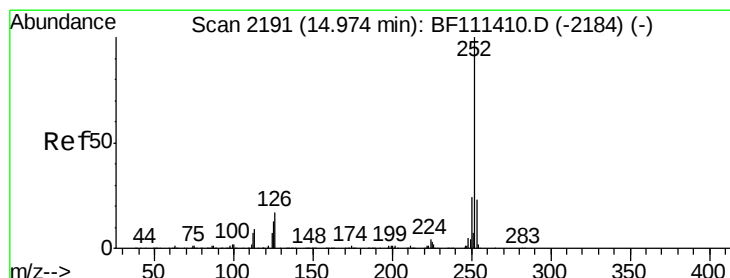
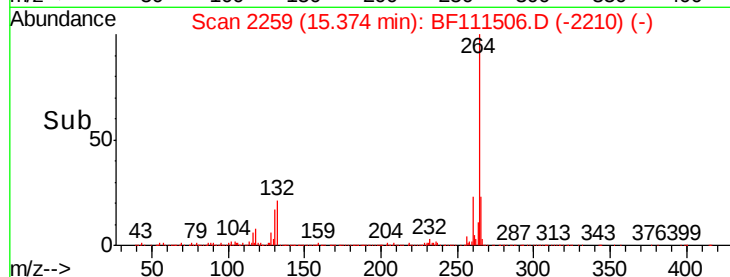
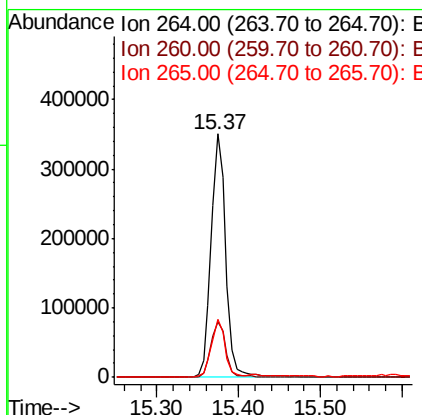
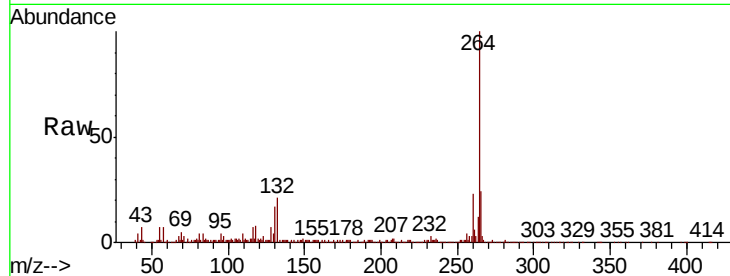
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.37 min Scan# 2259
Delta R.T. -0.01 min
Lab File: BF111506.D
Acq: 16 Dec 2018 14:07

Instrument :
BNA_F
ClientSampleId :
NR38-C1-110718

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.3	27.5
265	23.6	17.7	26.5

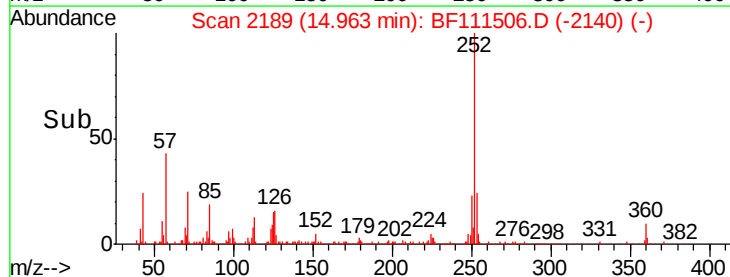
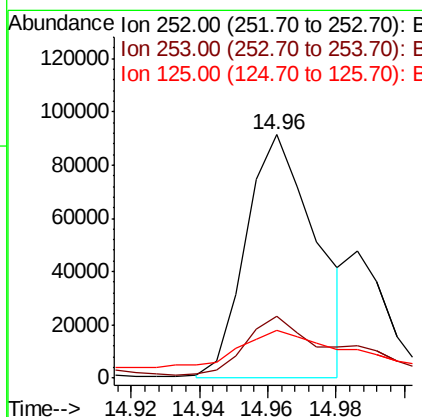
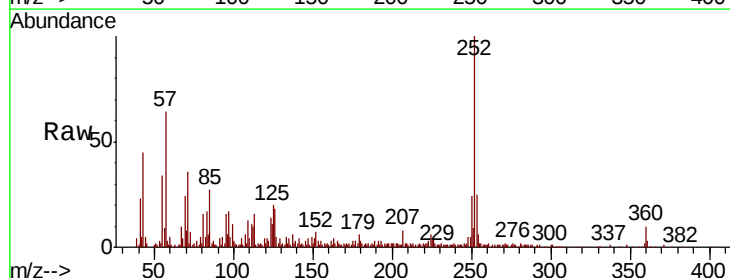
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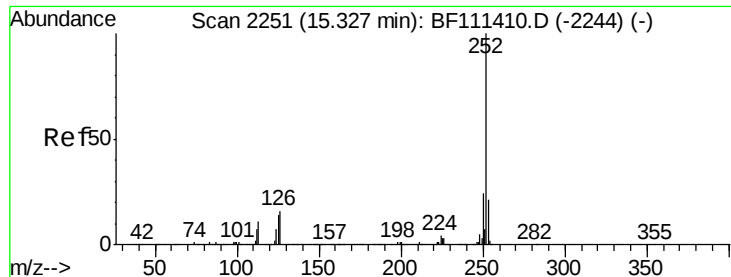
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#88
Benzo(b)fluoranthene
Concen: 5.120 ng m
RT: 14.96 min Scan# 2189
Delta R.T. -0.01 min
Lab File: BF111506.D
Acq: 16 Dec 2018 14:07

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.2	18.2	27.2
125	19.6	10.4	15.6





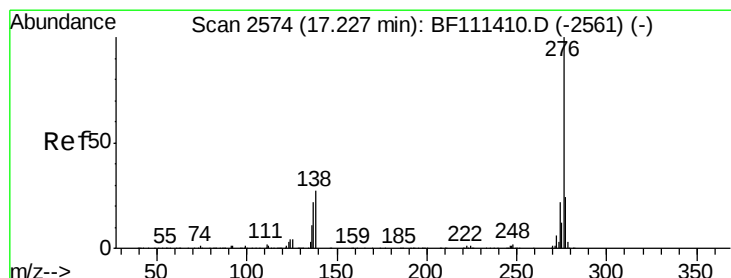
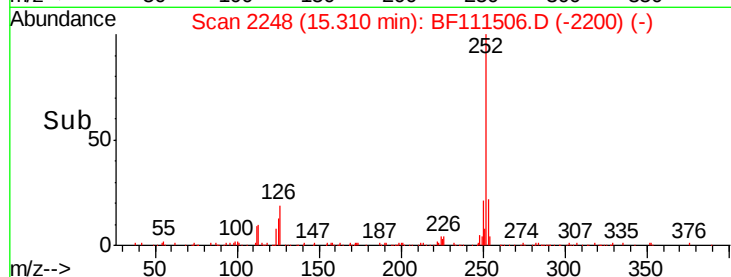
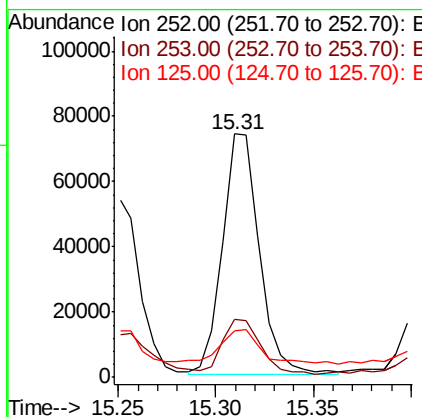
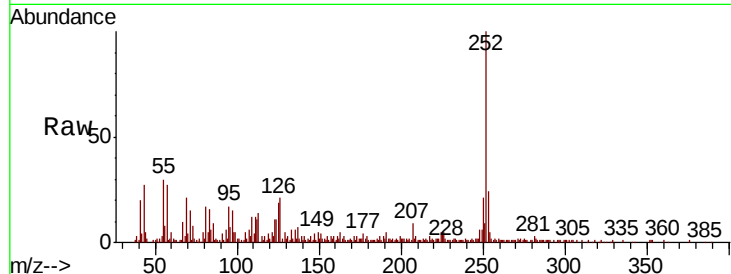
#90
Benzo(a)pyrene
Concen: 4.191 ng
RT: 15.31 min Scan# 2248
Delta R.T. -0.02 min
Lab File: BF111506.D
Acq: 16 Dec 2018 14:07

Instrument :
BNA_F
ClientSampleId :
NR38-C1-110718

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.8	26.8
125	19.2	12.3	18.5

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 2.511 ng
RT: 17.20 min Scan# 2570
Delta R.T. -0.02 min
Lab File: BF111506.D
Acq: 16 Dec 2018 14:07

Tgt Ion	Ratio	Lower	Upper
276	100		
277	29.1	19.2	28.8
138	39.0	24.9	37.3

