

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120718\
 Data File : BF111193.D
 Acq On : 7 Dec 2018 18:10
 Operator : JU/SJ
 Sample : J6214-03
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-8(18-20)

Manual Integrations
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Sohil
 12/11/2018 8:44:44 AM

Quant Time: Dec 08 01:39:12 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 05 17:30:55 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	382349	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	1567518	20.00	ng	0.00
39) Acenaphthene-d10	9.84	164	757187	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	1333600	20.00	ng	0.00
76) Chrysene-d12	13.96	240	1033978	20.00	ng	0.00
87) Perylene-d12	15.40	264	1195412	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	2493982	101.79	ng	0.00
7) Phenol-d6	6.43	99	2548431	80.74	ng	0.00
23) Nitrobenzene-d5	7.36	82	1693964	63.98	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	538467	89.46	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	2443097	54.58	ng	0.00
79) Terphenyl-d14	12.91	244	1926366	38.16	ng	0.00
Target Compounds						
10) Phenol	6.45	94	199878	5.808	ng	93
50) Dimethylphthalate	9.55	163	641742	12.178	ng	99
71) Phenanthrene	11.34	178	134481	2.096	ng	96
75) Fluoranthene	12.53	202	210249	3.349	ng	98
78) Pyrene	12.76	202	186724	2.318	ng	96
88) Benzo(b)fluoranthene	14.99	252	143032m	2.112	ng	

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

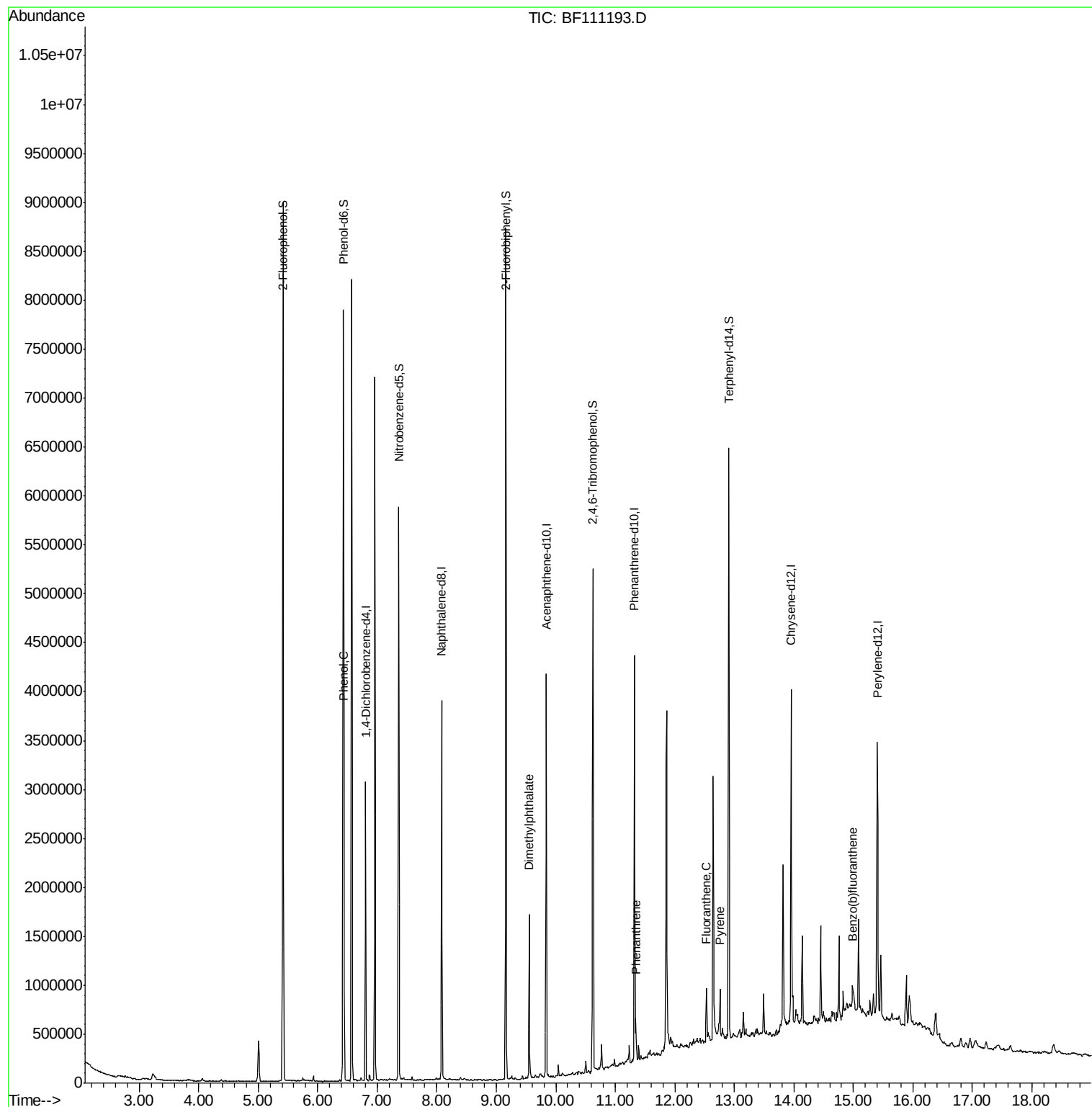
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120718\
Data File : BF111193.D
Acq On : 7 Dec 2018 18:10
Operator : JU/SJ
Sample : J6214-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

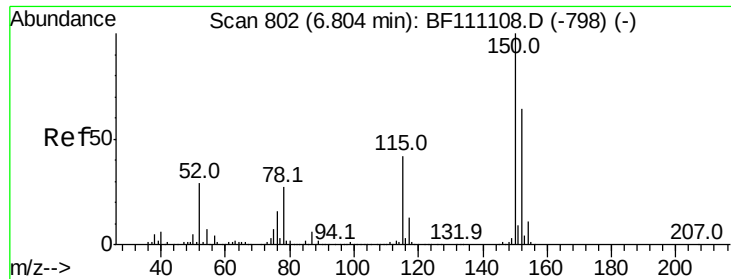
Instrument :
BNA_F
ClientSampleId :
SB-8(18-20)

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12/11/2018 8:44:44 AM

Quant Time: Dec 08 01:39:12 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

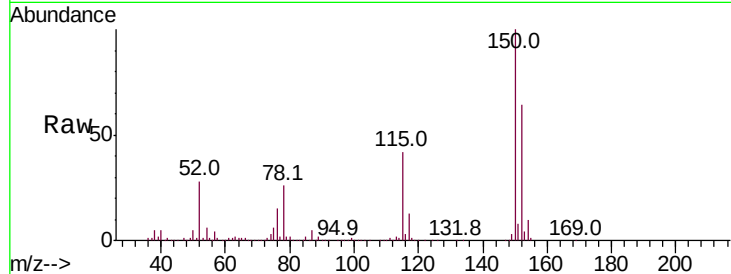
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF111193.D
Acq: 7 Dec 2018 18:10

Instrument :
BNA_F
ClientSampleId :
SB-8(18-20)

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.6	124.6	187.0
115	65.5	52.2	78.2

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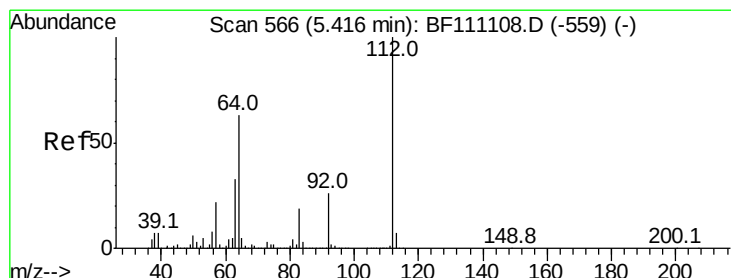
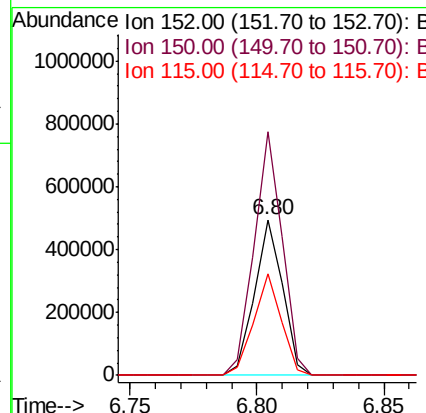
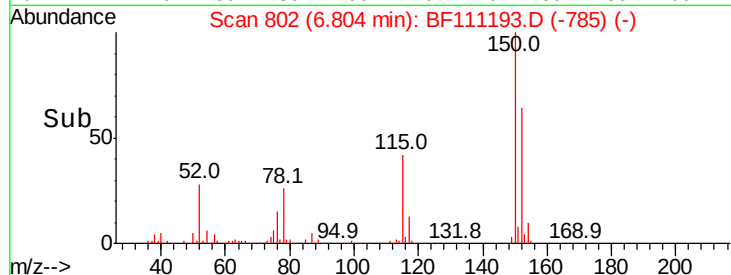


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

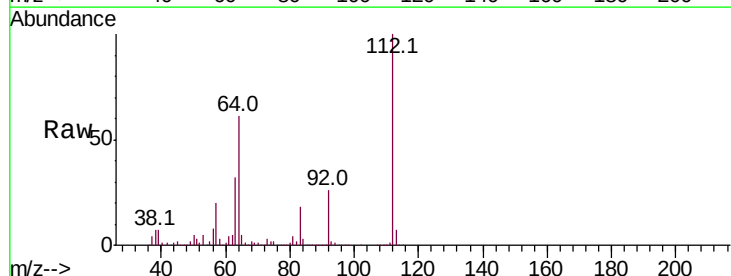
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 101.785 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF111193.D
Acq: 7 Dec 2018 18:10

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.2	50.2	75.4
63	31.8	26.6	39.8

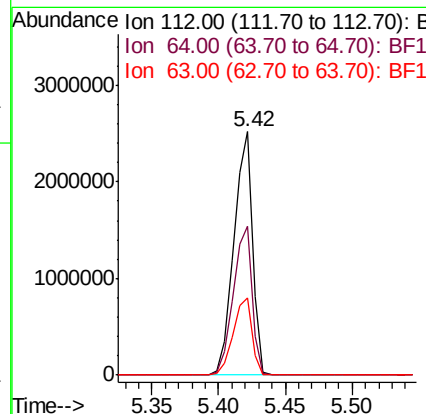
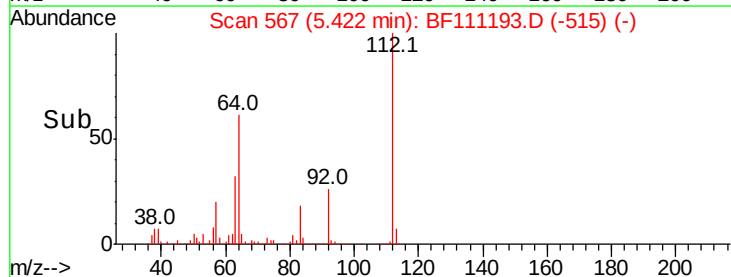


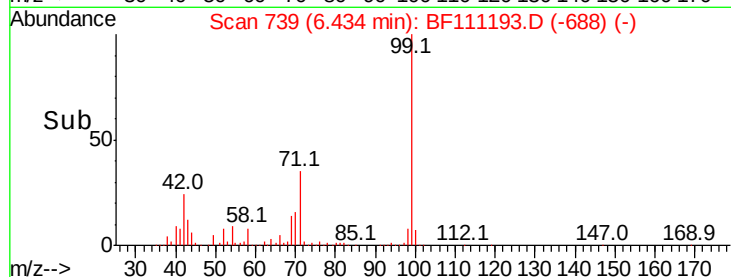
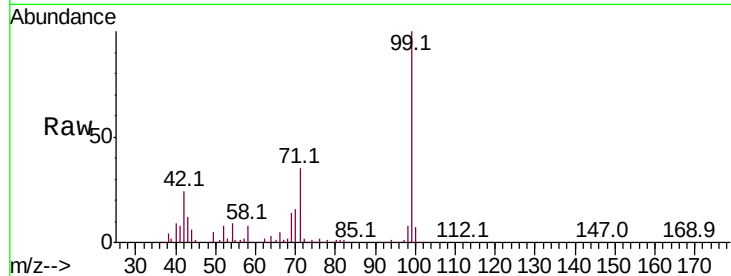
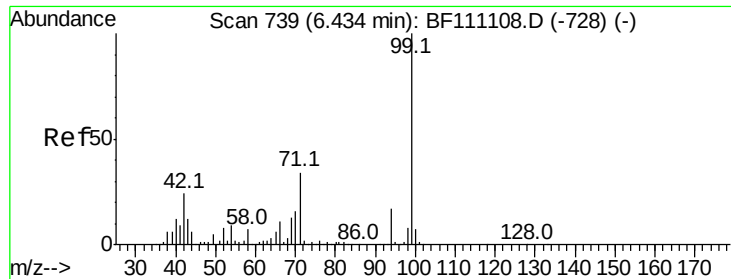
Abundance

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: 80.740 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.00 min

Lab File: BF111193.D

Acq: 7 Dec 2018 18:10

Tot Ion: 99 Resp: 2548431

Ion Ratio Lower Upper

99 100

42 23.6 19.3 28.9

71 35.1 27.4 41.2

Instrument :

BNA_F

ClientSampled :

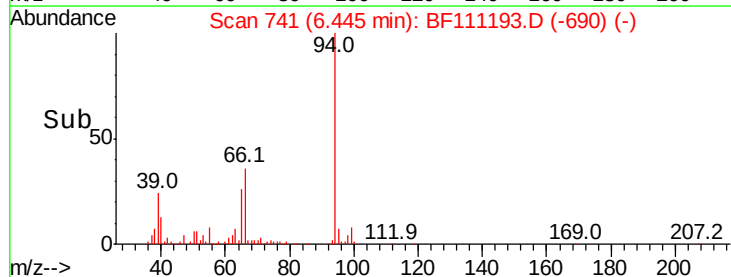
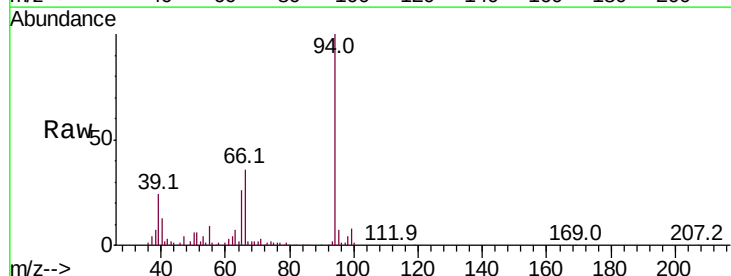
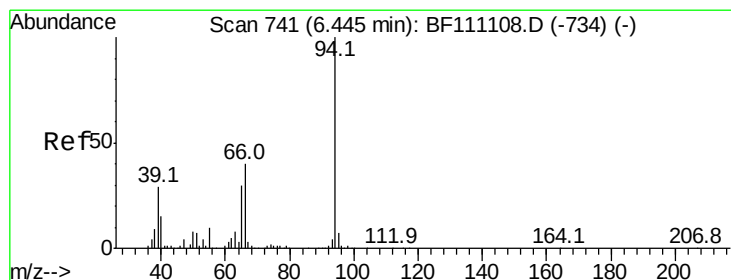
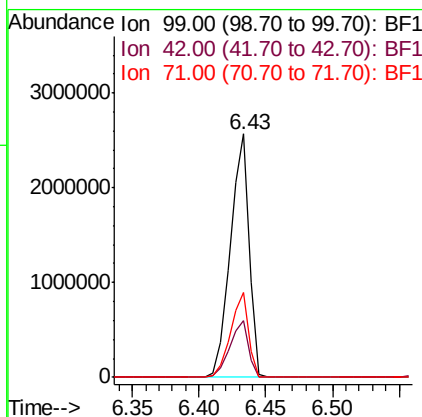
SB-8(18-20)

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#10

Phenol

Concen: 5.808 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF111193.D

Acq: 7 Dec 2018 18:10

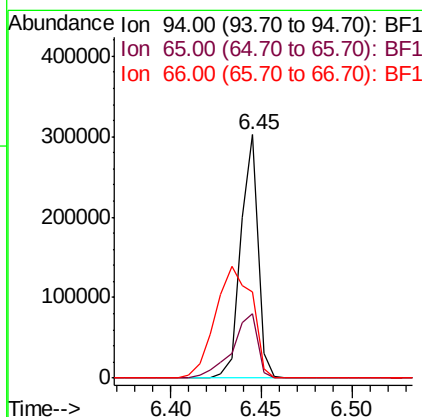
Tgt Ion: 94 Resp: 199878

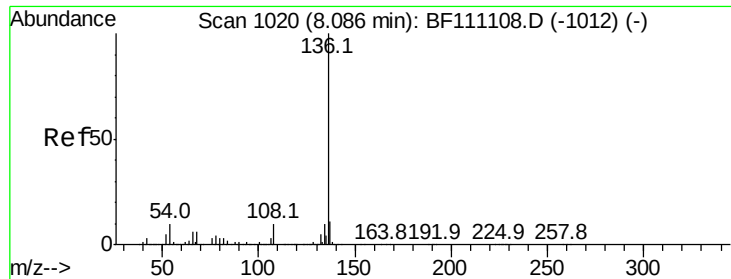
Ion Ratio Lower Upper

94 100

65 26.4 10.5 50.5

66 35.5 19.8 59.8





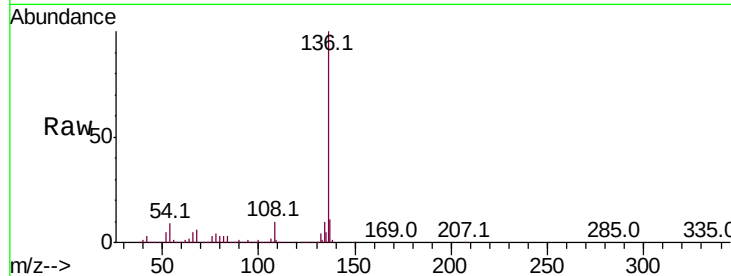
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BF111193.D
Acq: 7 Dec 2018 18:10

Instrument :
BNA_F
ClientSampleId :
SB-8(18-20)

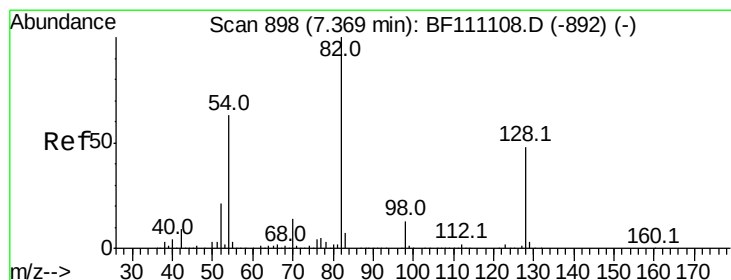
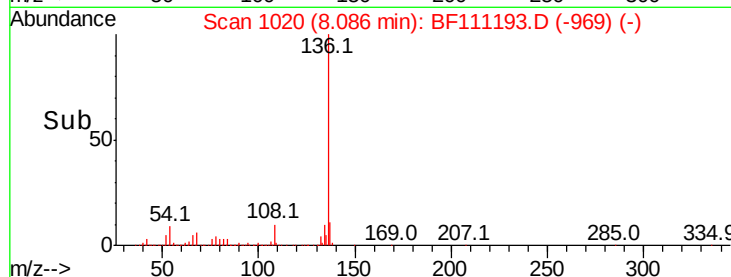
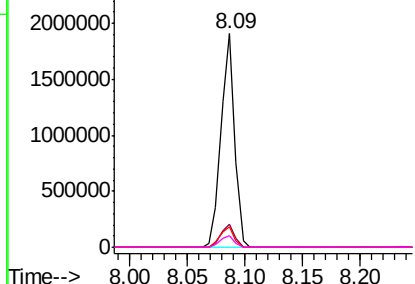
Tot Ion	136	Resp	1567518
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.6
54	9.4	8.4	12.6
68	5.6	5.0	7.4

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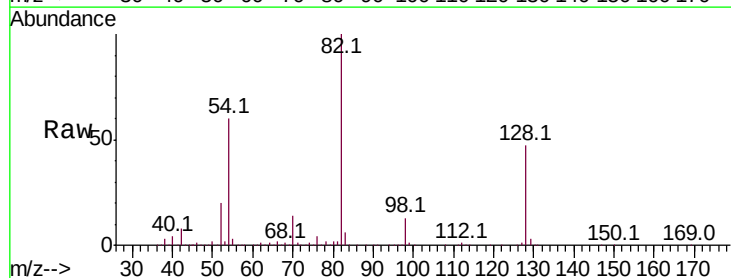


Abundance Ion 136.00 (135.70 to 136.70): E
3000000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

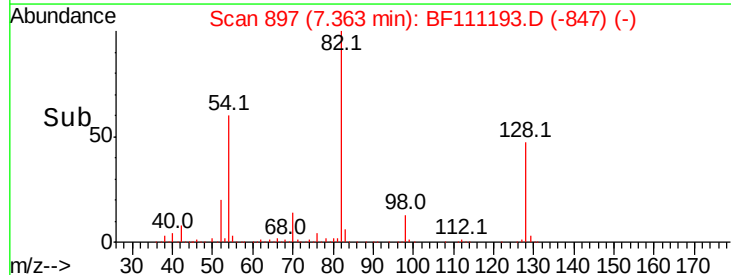
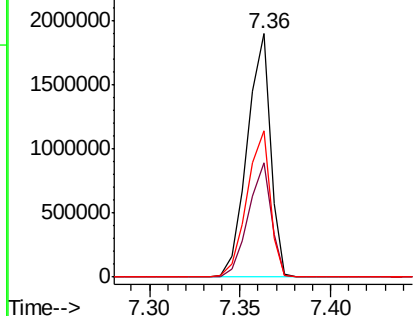


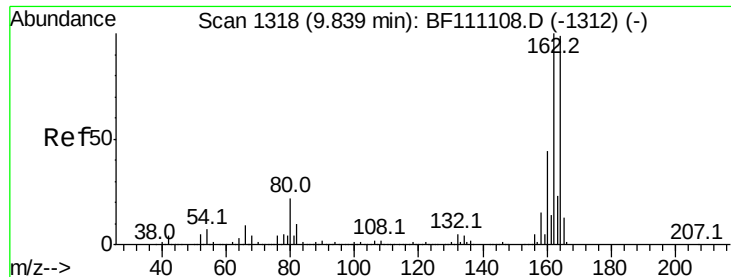
#23
Nitrobenzene-d5
Concen: 63.979 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF111193.D
Acq: 7 Dec 2018 18:10

Tgt Ion	82	Resp	1693964
Ion	Ratio	Lower	Upper
82	100		
128	47.1	38.1	57.1
54	60.2	50.3	75.5



Abundance Ion 82.00 (81.70 to 82.70): BF1
2500000
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1





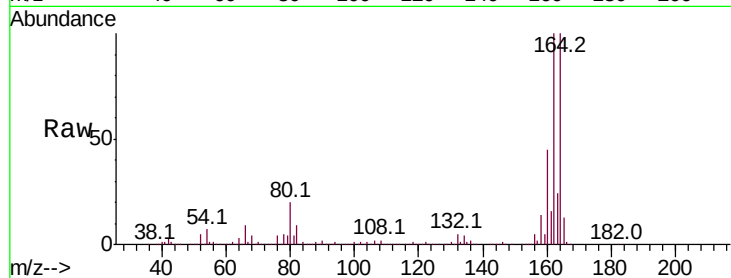
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.00 min
Lab File: BF111193.D
Acq: 7 Dec 2018 18:10

Instrument :
BNA_F
ClientSampleId :
SB-8(18-20)

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	100.4	80.6	120.8	
160	44.9	35.5	53.3	

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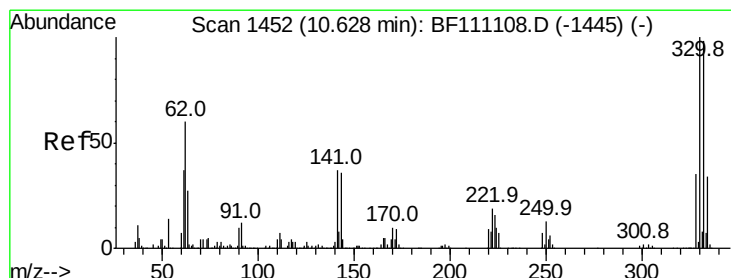
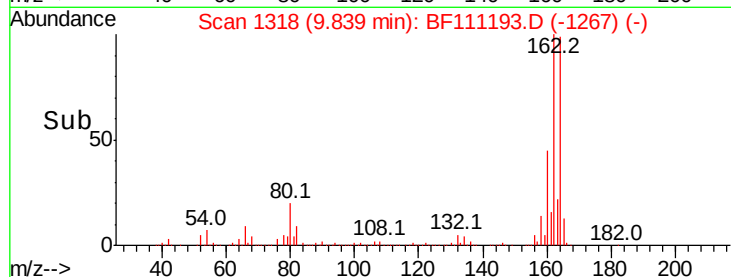
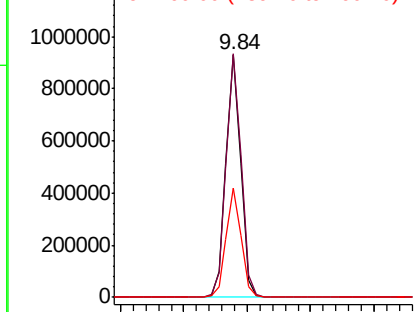


Abundance

Ion 164.00 (163.70 to 164.70): E

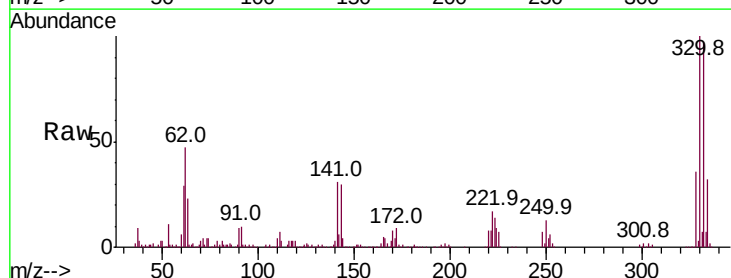
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42
2,4,6-Tribromophenol
Concen: 89.465 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.00 min
Lab File: BF111193.D
Acq: 7 Dec 2018 18:10

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.7	77.2	115.8	
141	39.9	36.1	54.1	

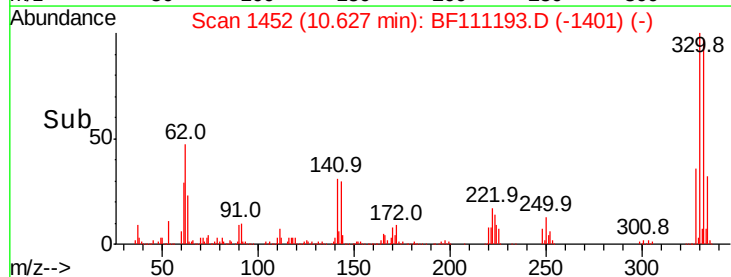
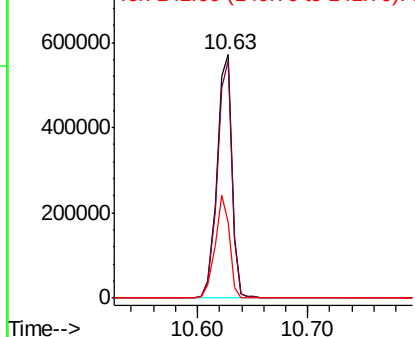


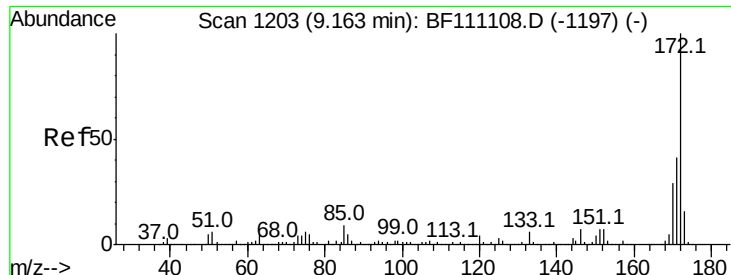
Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





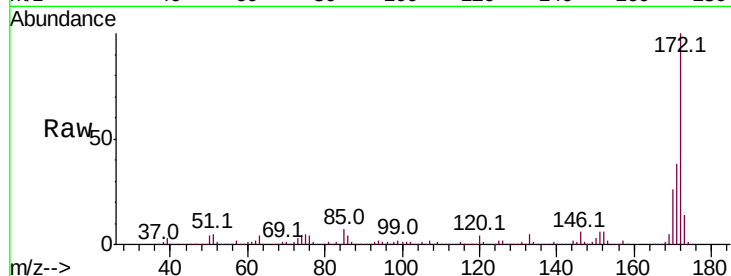
#45
2-Fluorobiphenyl
Concen: 54.581 ng
RT: 9.16 min Scan# 1203
Delta R.T. 0.00 min
Lab File: BF111193.D
Acq: 7 Dec 2018 18:10

Instrument :
BNA_F
ClientSampleId :
SB-8(18-20)

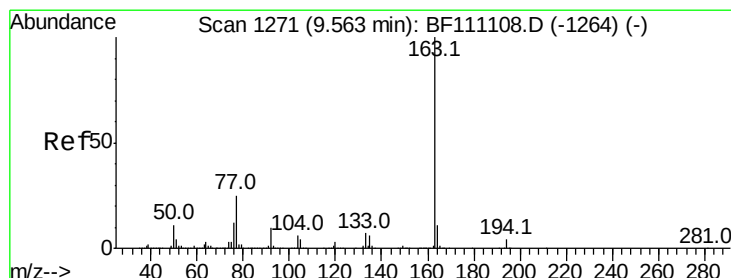
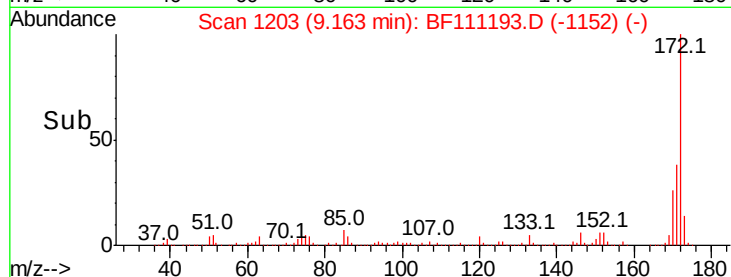
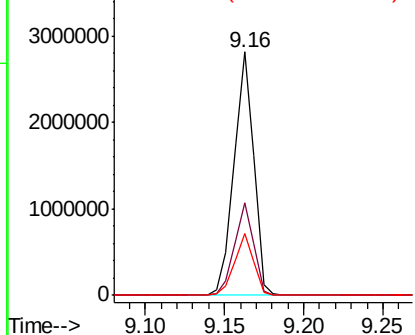
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.9	33.2	49.8
170	25.6	22.9	34.3

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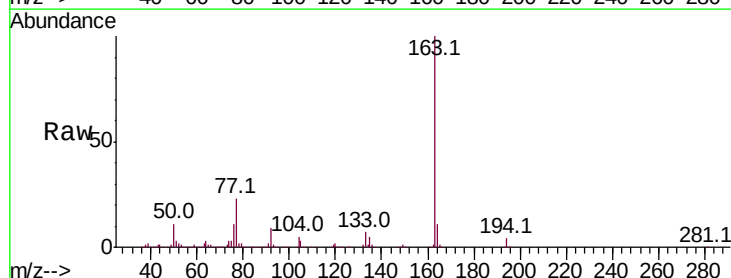


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

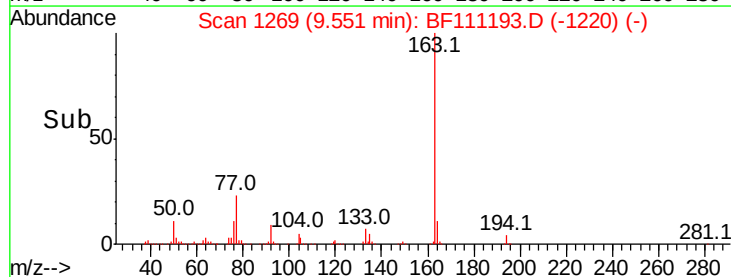
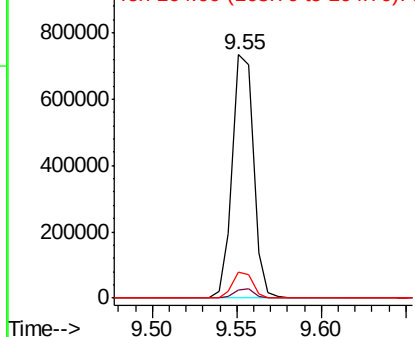


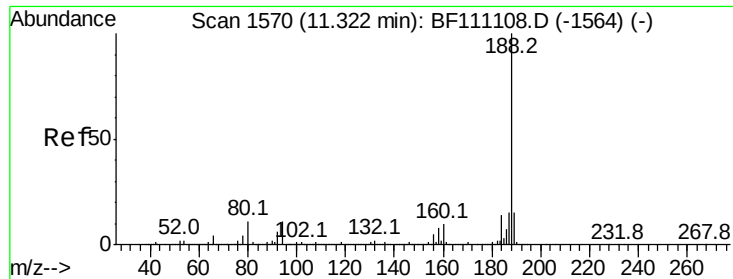
#50
Dimethylphthalate
Concen: 12.178 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.01 min
Lab File: BF111193.D
Acq: 7 Dec 2018 18:10

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.5	3.0	4.4
164	10.6	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





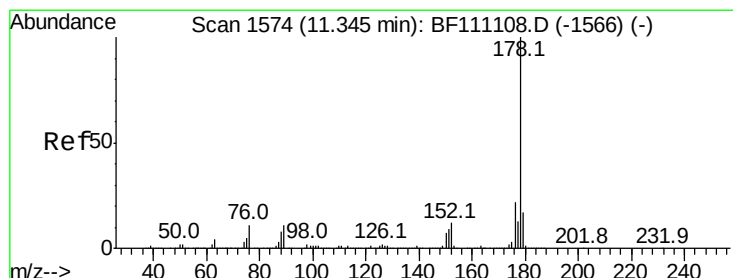
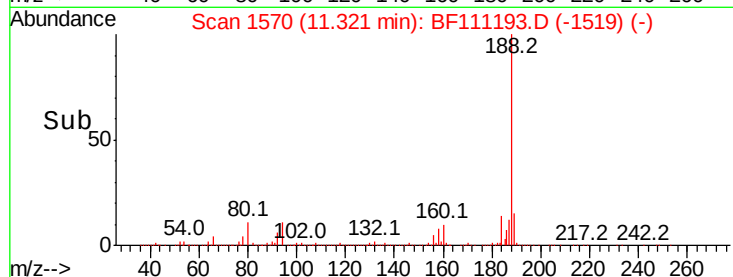
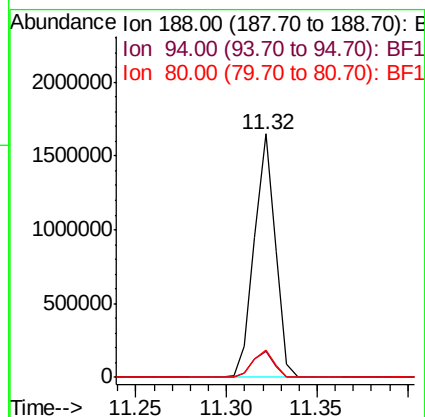
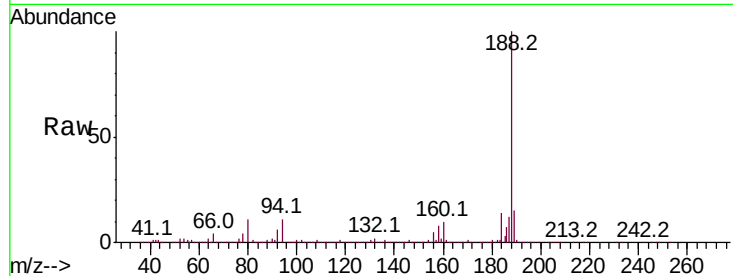
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.00 min
Lab File: BF111193.D
Acq: 7 Dec 2018 18:10

Instrument :
BNA_F
ClientSampled :
SB-8(18-20)

Tot Ion	Ratio	Lower	Upper
188	100		
94	10.6	8.5	12.7
80	11.4	9.0	13.6

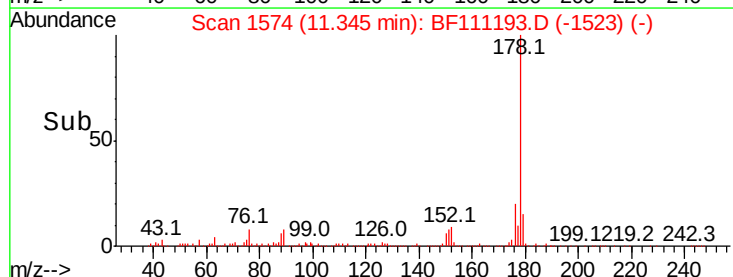
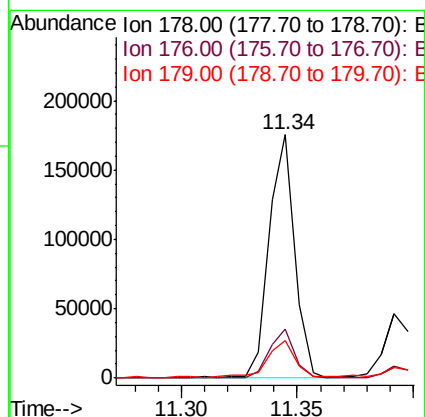
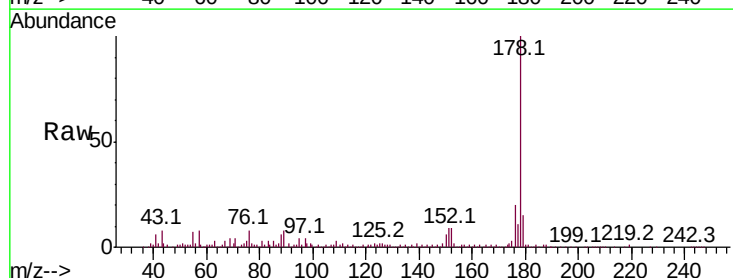
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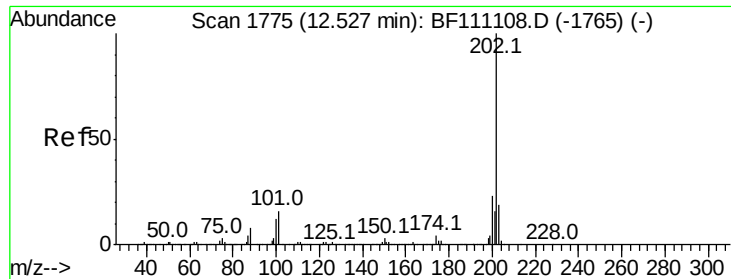
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#71
Phenanthrene
Concen: 2.096 ng
RT: 11.34 min Scan# 1574
Delta R.T. -0.00 min
Lab File: BF111193.D
Acq: 7 Dec 2018 18:10

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.0	17.7	26.5
179	15.5	14.0	21.0





#75

Fluoranthene

Concen: 3.349 ng

RT: 12.53 min Scan# 1775

Delta R.T. -0.00 min

Lab File: BF111193.D

Acq: 7 Dec 2018 18:10

Instrument :

BNA_F

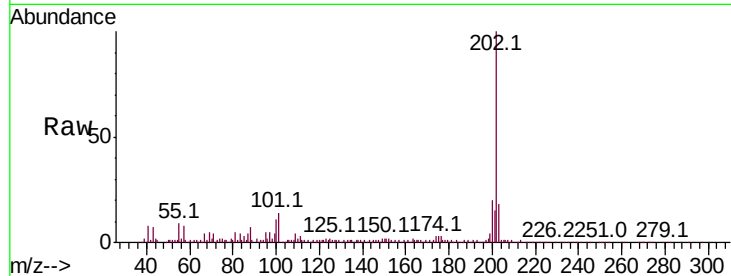
ClientSampleId :

SB-8(18-20)

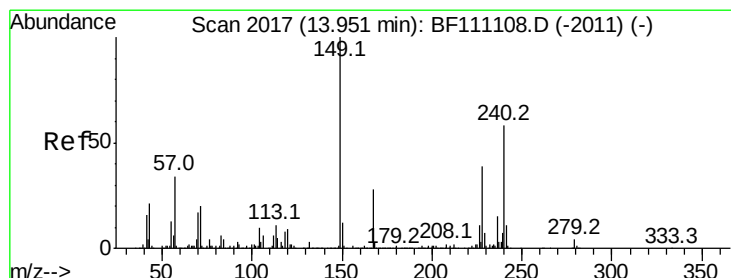
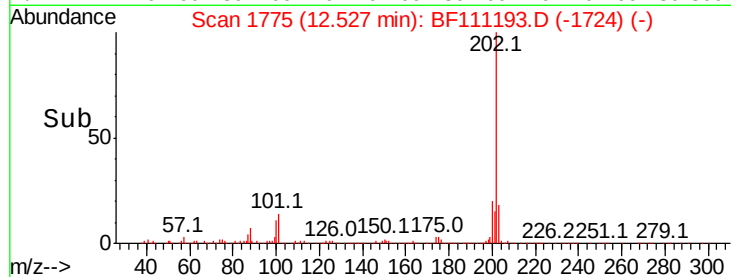
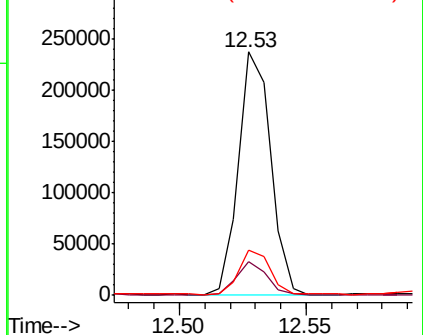
Tot Ion:	202	Resp:	210249
Ion Ratio	Lower	Upper	
202	100		
101	13.8	0.0	35.8
203	18.4	0.0	38.6

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

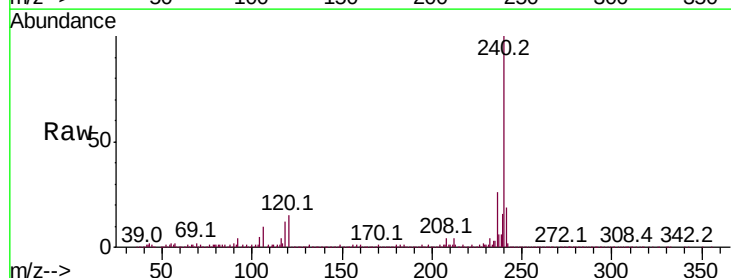
RT: 13.96 min Scan# 2018

Delta R.T. 0.01 min

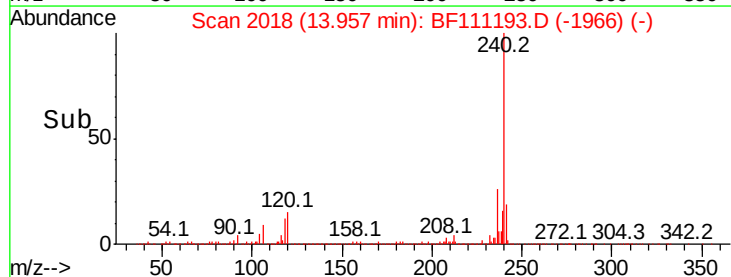
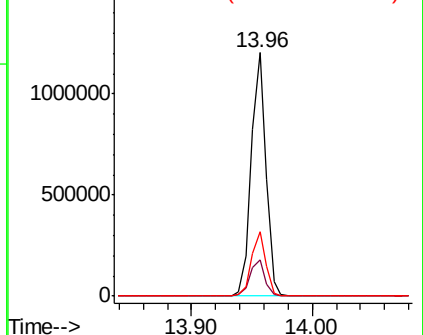
Lab File: BF111193.D

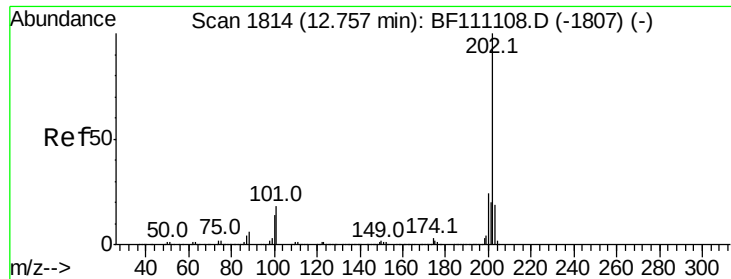
Acq: 7 Dec 2018 18:10

Tgt Ion:	240	Resp:	1033978
Ion Ratio	Lower	Upper	
240	100		
120	14.9	12.8	19.2
236	26.3	21.1	31.7



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





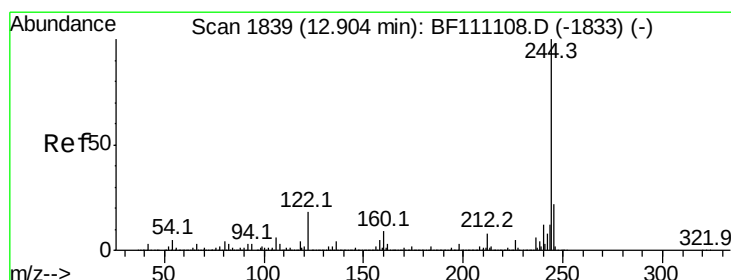
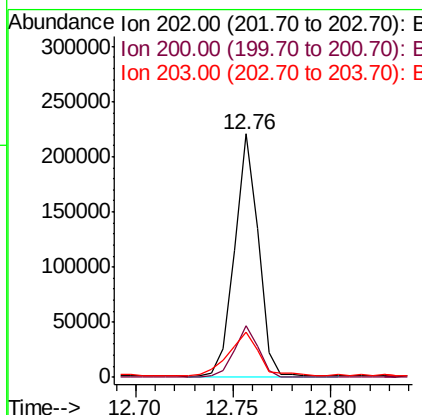
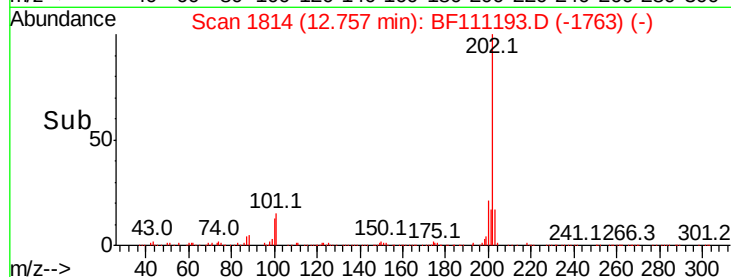
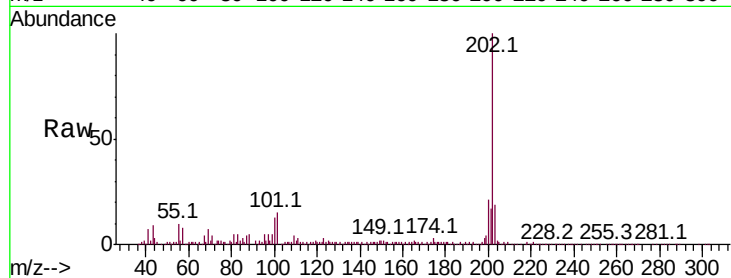
#78
Pvrene
Concen: 2.318 ng
RT: 12.76 min Scan# 1814
Delta R.T. -0.00 min
Lab File: BF111193.D
Acq: 7 Dec 2018 18:10

Instrument :
BNA_F
ClientSampleId :
SB-8(18-20)

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.1	19.3	28.9
203	18.6	15.4	23.2

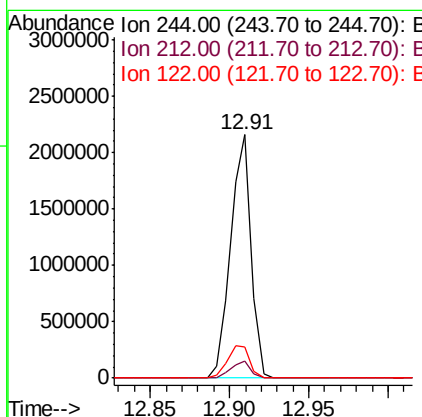
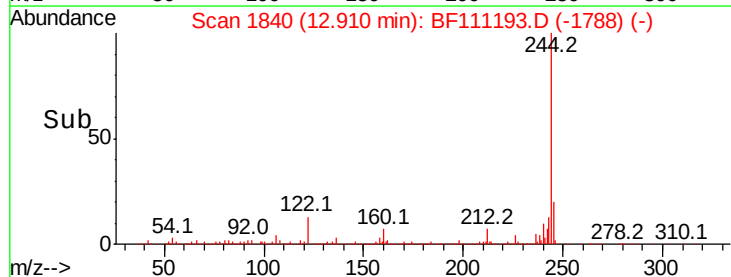
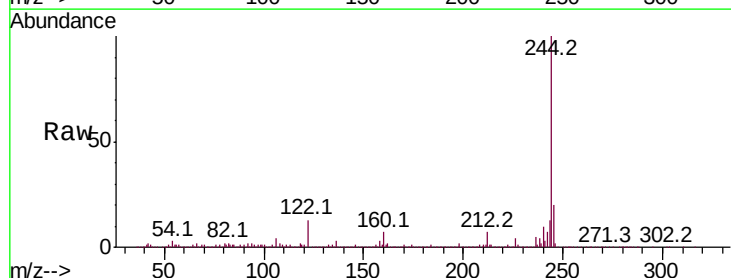
Manual Integrations
APPROVED

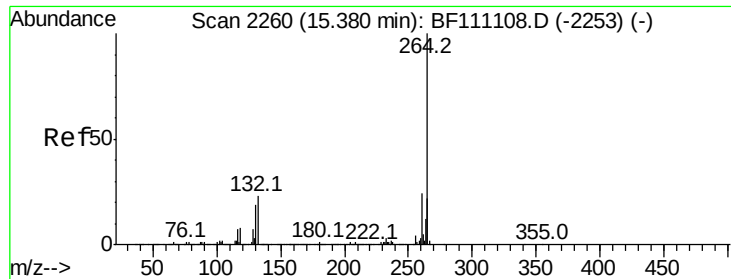
Sohil
12/11/2018 8:44:44 AM



#79
Terphenyl-d14
Concen: 38.155 ng
RT: 12.91 min Scan# 1840
Delta R.T. 0.01 min
Lab File: BF111193.D
Acq: 7 Dec 2018 18:10

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.6	9.8
122	13.0	14.2	21.2#





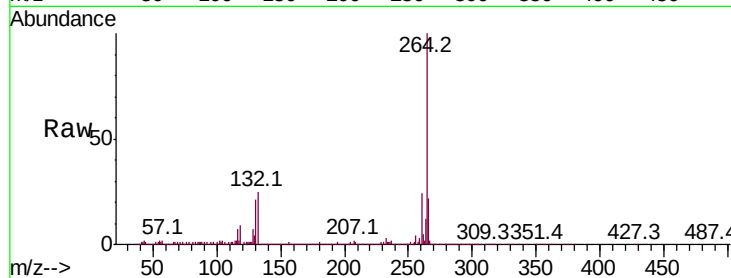
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.40 min Scan# 2264
Delta R.T. 0.02 min
Lab File: BF111193.D
Acq: 7 Dec 2018 18:10

Instrument :
BNA_F
ClientSampleId :
SB-8(18-20)

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.4	29.0
265	21.9	17.4	26.0

Manual Integrations
APPROVED

Sohil
12/11/2018 8:44:44 AM

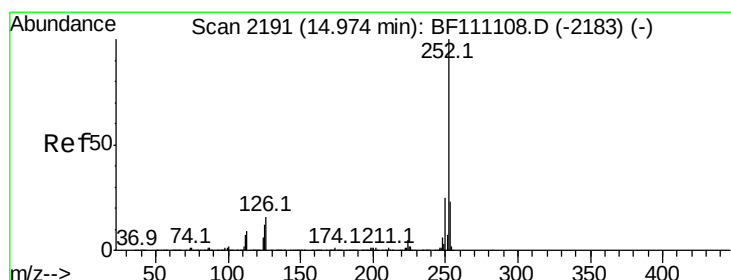
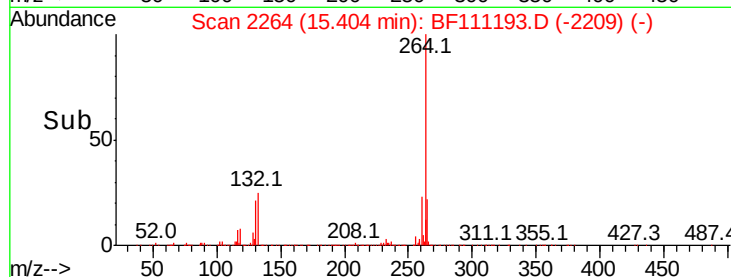
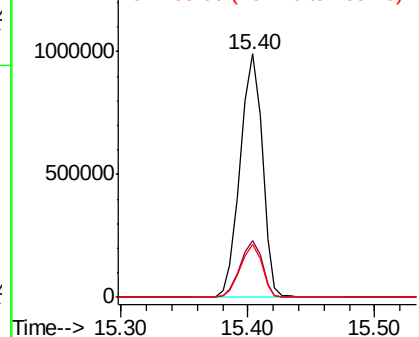


Abundance

Ion 264.00 (263.70 to 264.70): E

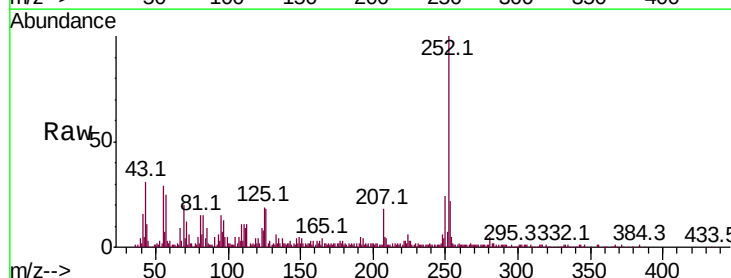
Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88
Benzo(b)fluoranthene
Concen: 2.112 ng m
RT: 14.99 min Scan# 2193
Delta R.T. 0.01 min
Lab File: BF111193.D
Acq: 7 Dec 2018 18:10

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.5	27.7
125	18.5	9.9	14.9#



Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

