

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120718\
 Data File : BF111198.D
 Acq On : 7 Dec 2018 20:27
 Operator : JU/SJ
 Sample : J6214-18
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-10(13-15)

Manual Integrations
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Sohil
 12/11/2018 8:44:47 AM

Quant Time: Dec 08 01:58:06 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	389328	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	1548178	20.00	ng	0.00
39) Acenaphthene-d10	9.84	164	886624	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	1348302	20.00	ng	0.00
76) Chrysene-d12	13.96	240	1112820	20.00	ng	0.00
87) Perylene-d12	15.39	264	925670	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	3723265	149.23	ng	0.01
7) Phenol-d6	6.44	99	3943788	122.71	ng	0.00
23) Nitrobenzene-d5	7.36	82	3125658	119.53	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	1030111	146.16	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	3921746	81.24	ng	0.00
79) Terphenyl-d14	12.91	244	3438855	63.29	ng	0.00
Target Compounds						
10) Phenol	6.45	94	294968	8.417	ng	90
50) Dimethylphthalate	9.55	163	725992	11.765	ng	98
75) Fluoranthene	12.53	202	194445	3.064	ng	96
78) Pyrene	12.76	202	181844	2.097	ng	95
88) Benzo(b)fluoranthene	14.98	252	108180m	2.062	ng	

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

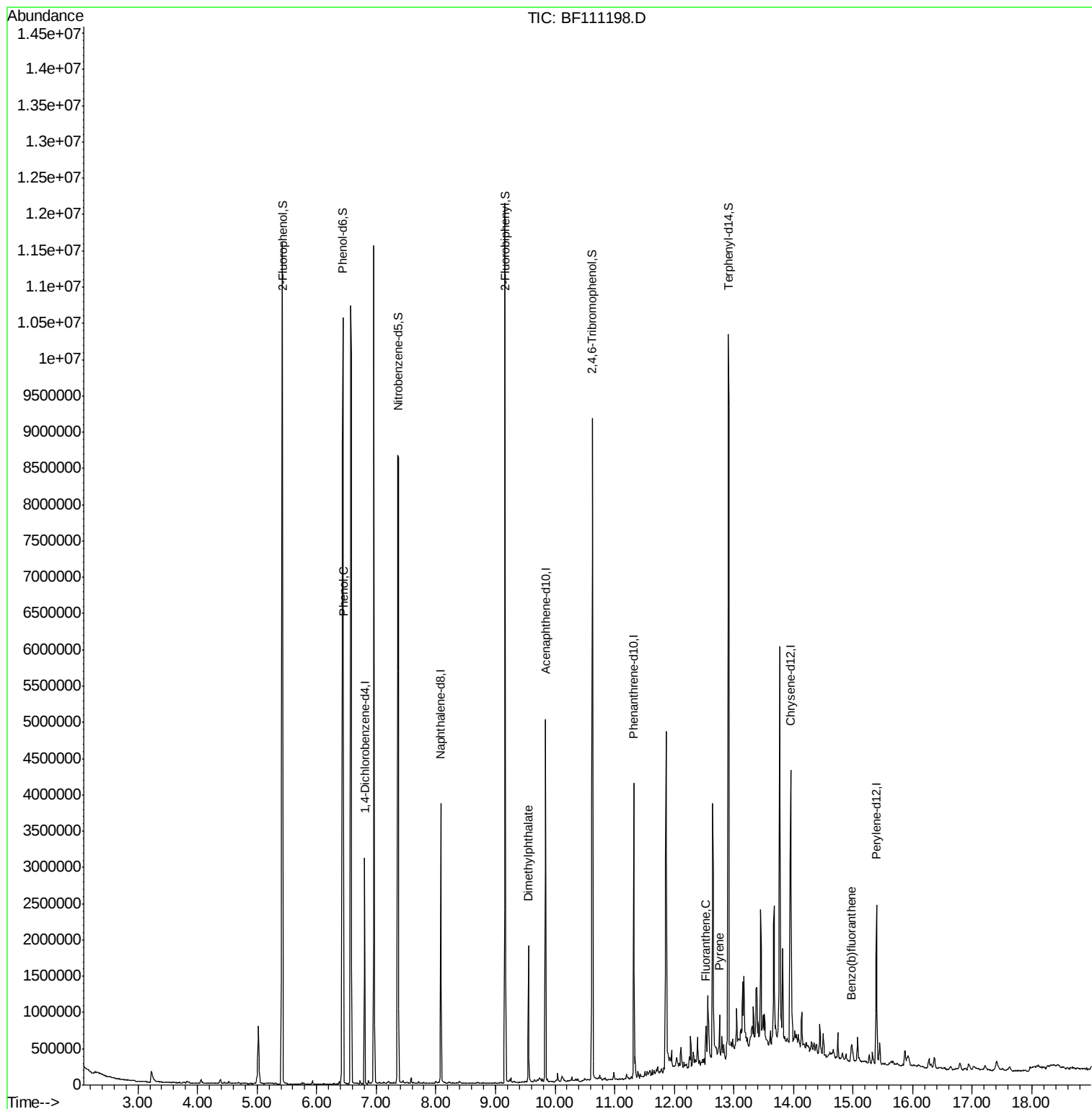
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120718\
Data File : BF111198.D
Acq On : 7 Dec 2018 20:27
Operator : JU/SJ
Sample : J6214-18
Misc :
ALS Vial : 22 Sample Multiplier: 1

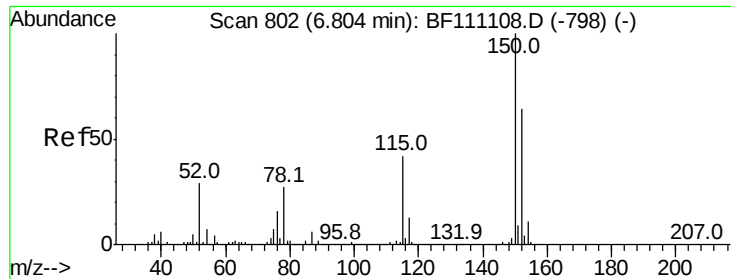
Instrument :
BNA_F
ClientSampleId :
SB-10(13-15)

Manual Integrations
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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

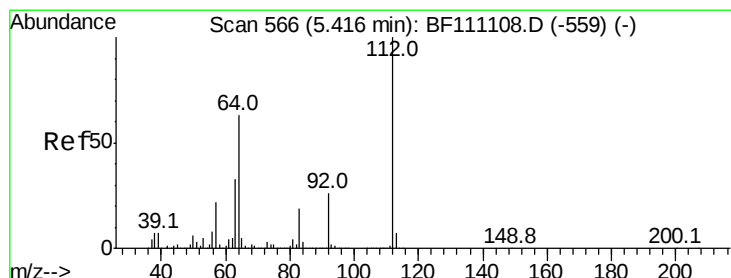
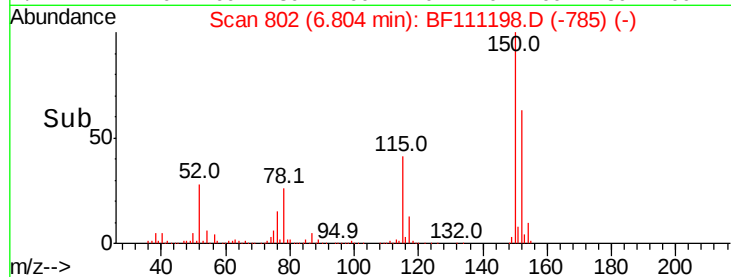
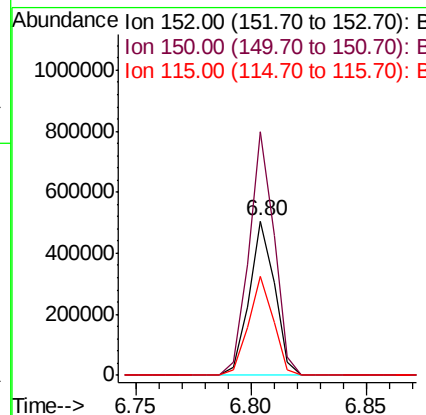
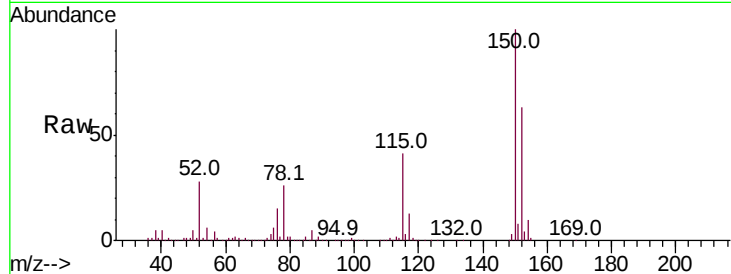
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF111198.D
Acq: 7 Dec 2018 20:27

Instrument :
BNA_F
ClientSampleId :
SB-10(13-15)

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.9	124.6	187.0
115	64.1	52.2	78.2

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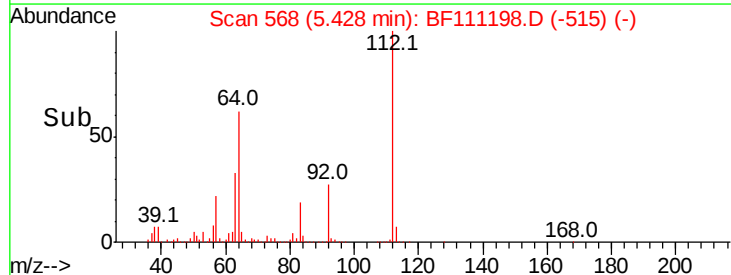
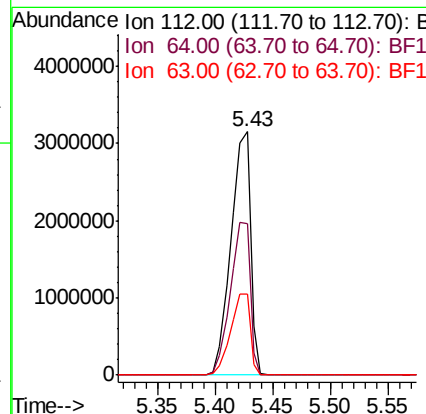
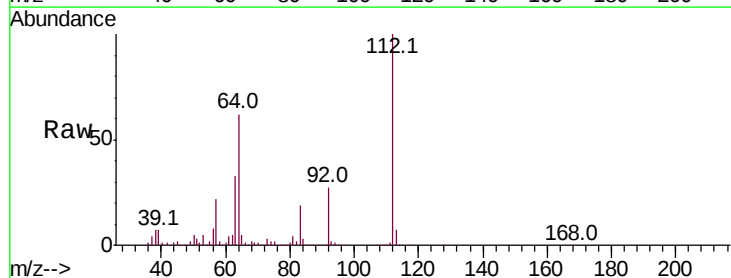
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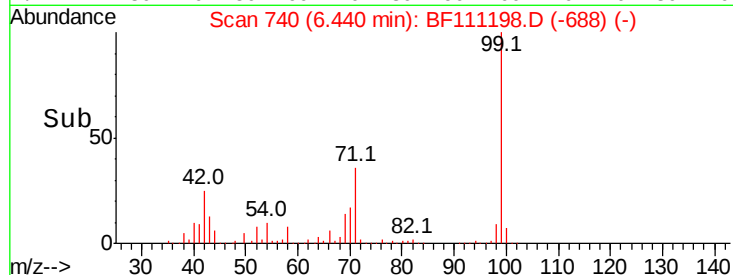
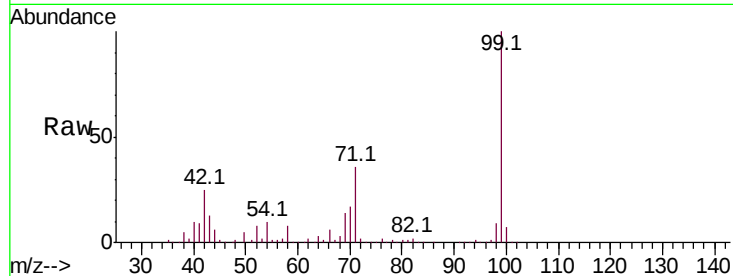
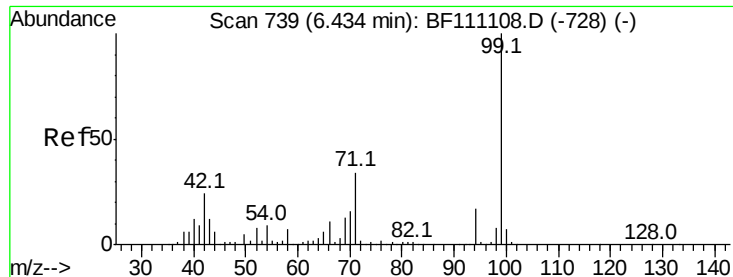


#5

2-Fluorophenol
Concen: 149.231 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.01 min
Lab File: BF111198.D
Acq: 7 Dec 2018 20:27

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.1	50.2	75.4
63	33.3	26.6	39.8





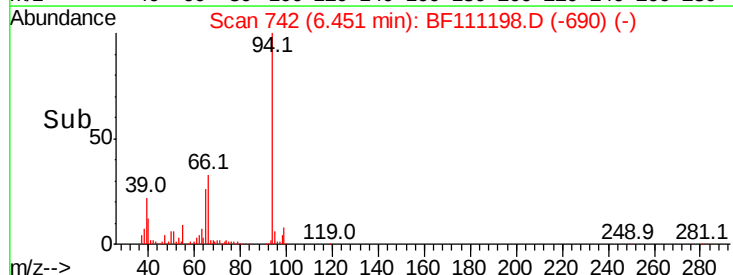
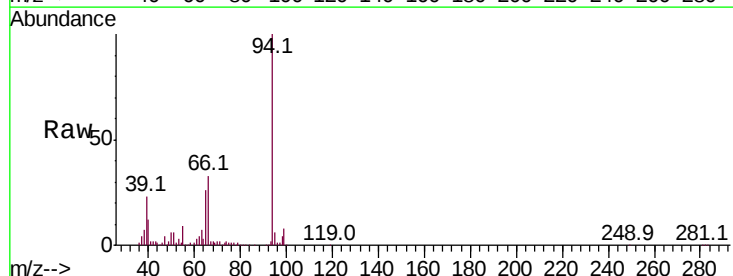
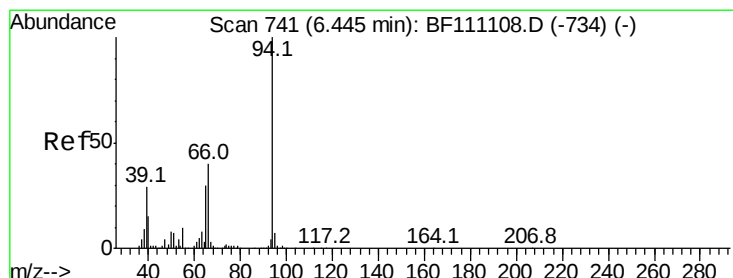
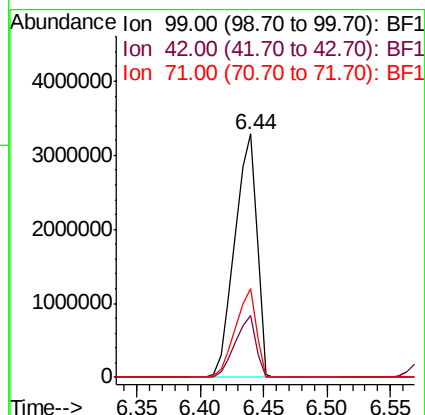
#7
Phenol-d6
Concen: 122.709 ng
RT: 6.44 min Scan# 740
Delta R.T. 0.01 min
Lab File: BF111198.D
Acq: 7 Dec 2018 20:27

Tot Ion: 99 Resp: 3943788
Ion Ratio Lower Upper
99 100
42 25.4 19.3 28.9
71 36.5 27.4 41.2

Instrument :
BNA_F
ClientSampleId :
SB-10(13-15)

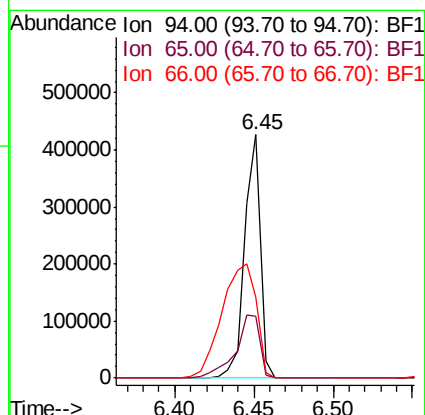
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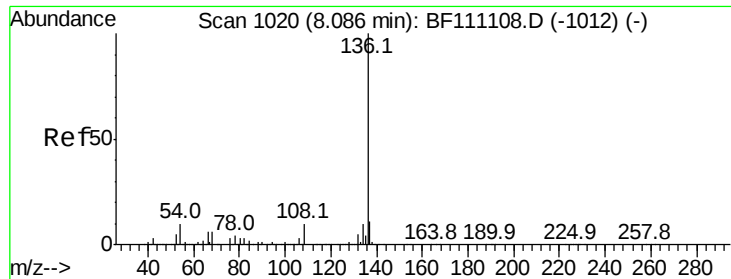
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#10
Phenol
Concen: 8.417 ng
RT: 6.45 min Scan# 742
Delta R.T. 0.01 min
Lab File: BF111198.D
Acq: 7 Dec 2018 20:27

Tgt Ion: 94 Resp: 294968
Ion Ratio Lower Upper
94 100
65 25.6 10.5 50.5
66 33.1 19.8 59.8





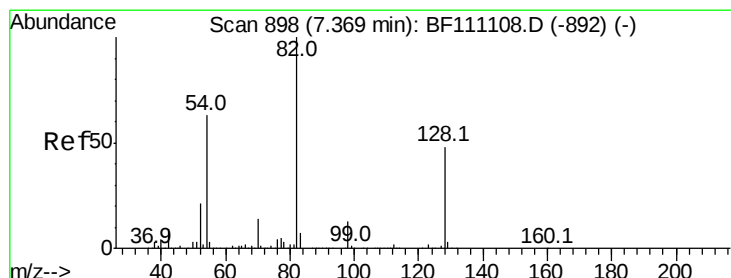
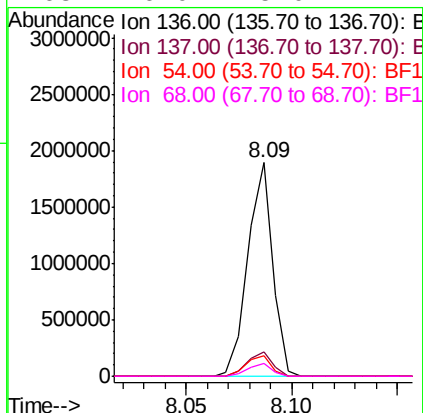
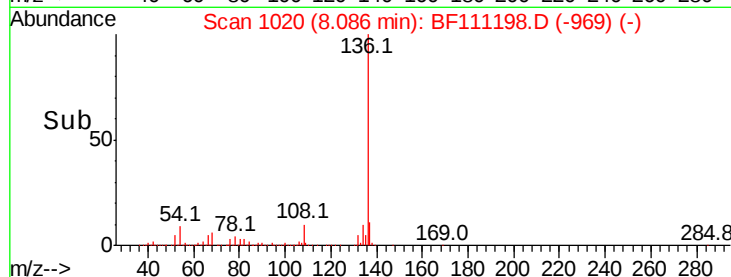
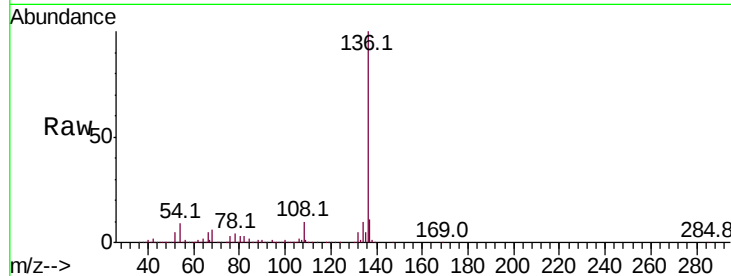
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BF111198.D
Acq: 7 Dec 2018 20:27

Instrument :
BNA_F
ClientSampleId :
SB-10(13-15)

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.3	9.0	13.6	
54	9.5	8.4	12.6	
68	6.0	5.0	7.4	

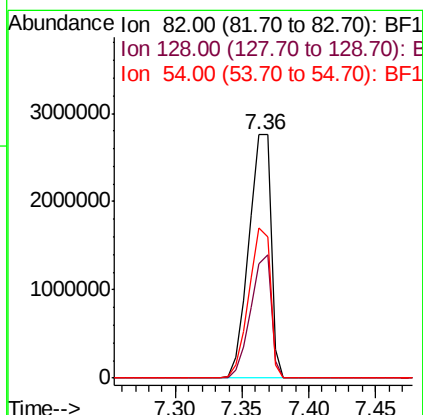
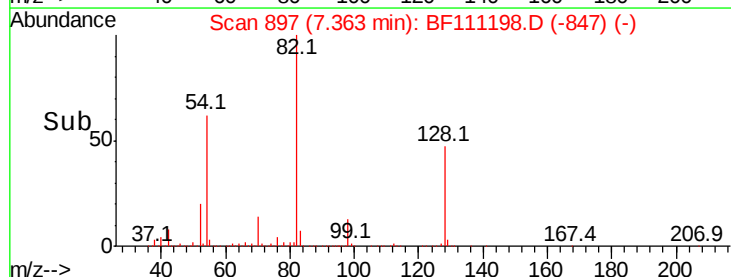
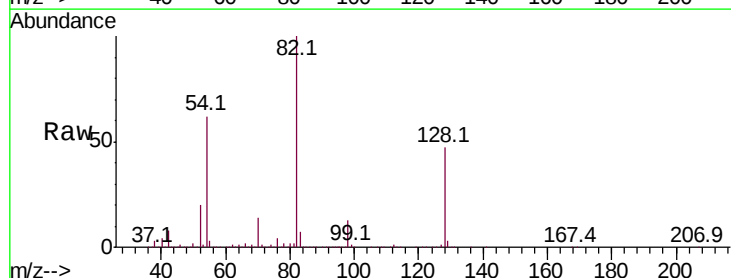
Manual Integrations
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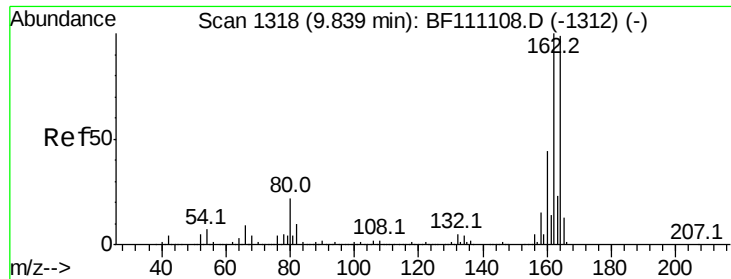
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#23
Nitrobenzene-d5
Concen: 119.527 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF111198.D
Acq: 7 Dec 2018 20:27

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	47.2	38.1	57.1	
54	61.6	50.3	75.5	





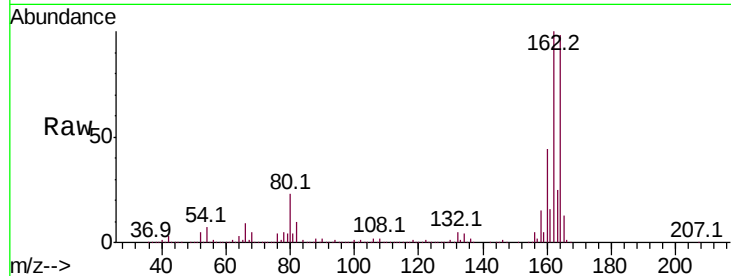
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.00 min
Lab File: BF111198.D
Acq: 7 Dec 2018 20:27

Instrument :
BNA_F
ClientSampleId :
SB-10(13-15)

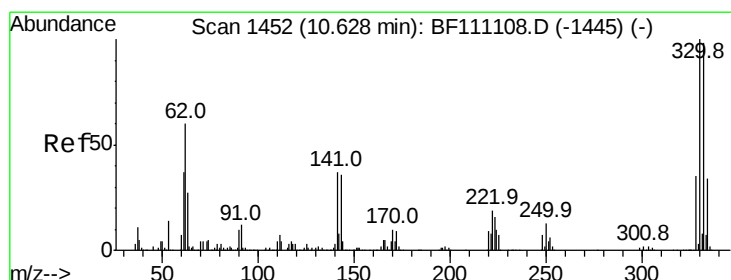
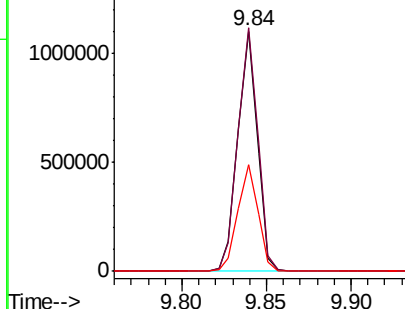
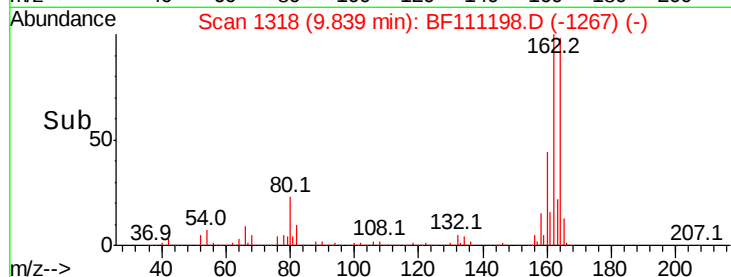
Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	101.5	80.6	120.8	
160	44.3	35.5	53.3	

Manual Integrations
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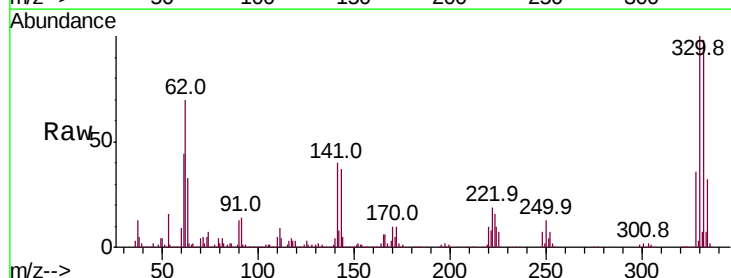


Abundance Ion 164.00 (163.70 to 164.70): E
1500000 Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

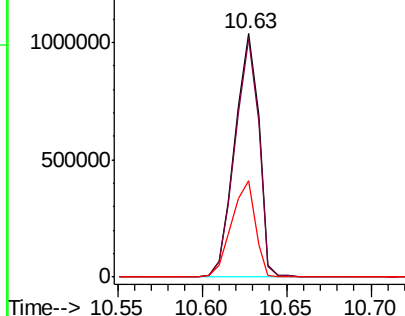
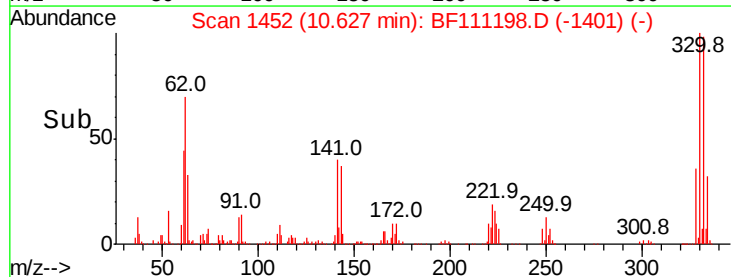


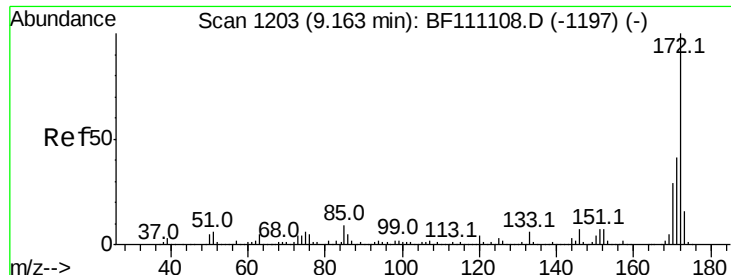
#42
2,4,6-Tribromophenol
Concen: 146.164 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.00 min
Lab File: BF111198.D
Acq: 7 Dec 2018 20:27

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	97.4	77.2	115.8	
141	39.3	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





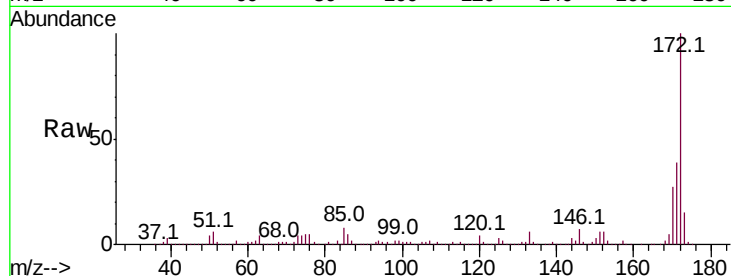
#45
2-Fluorobiphenyl
Concen: 81.241 ng
RT: 9.16 min Scan# 1203
Delta R.T. 0.00 min
Lab File: BF111198.D
Acq: 7 Dec 2018 20:27

Instrument :
BNA_F
ClientSampleId :
SB-10(13-15)

Tot Ion	Ratio	Lower	Upper
172	100		
171	39.5	33.2	49.8
170	26.9	22.9	34.3

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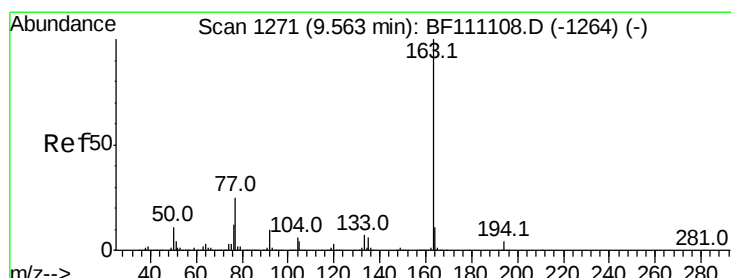
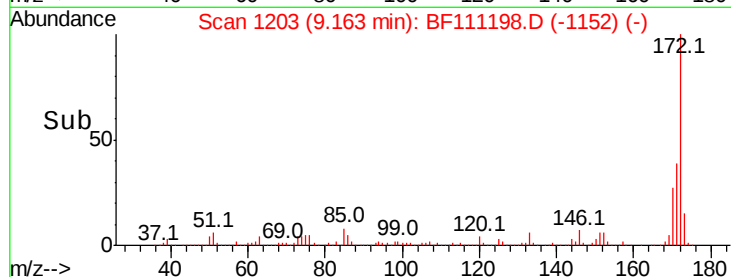
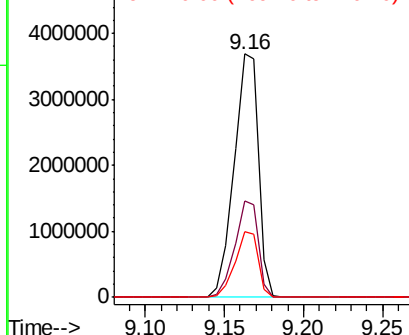


Abundance

Ion 172.00 (171.70 to 172.70): E

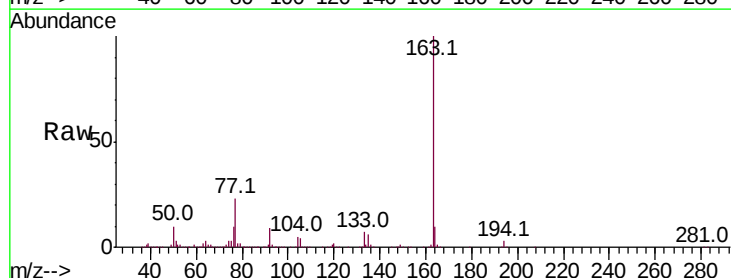
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#50
Dimethylphthalate
Concen: 11.765 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.01 min
Lab File: BF111198.D
Acq: 7 Dec 2018 20:27

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.4	3.0	4.4
164	10.1	8.9	13.3

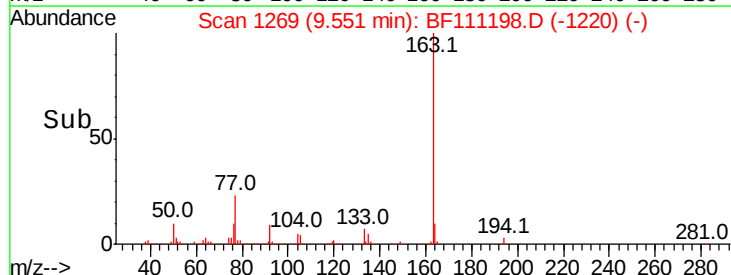
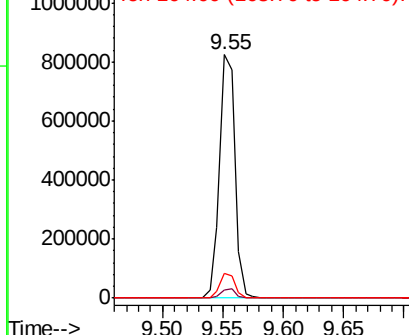


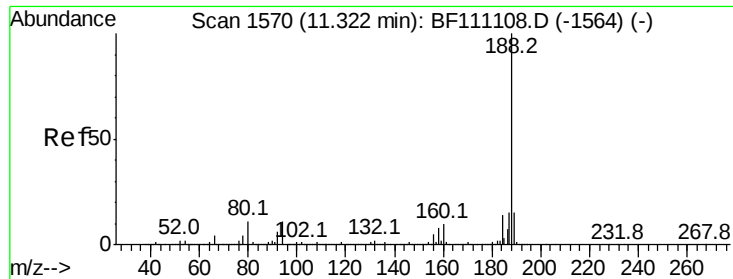
Abundance

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





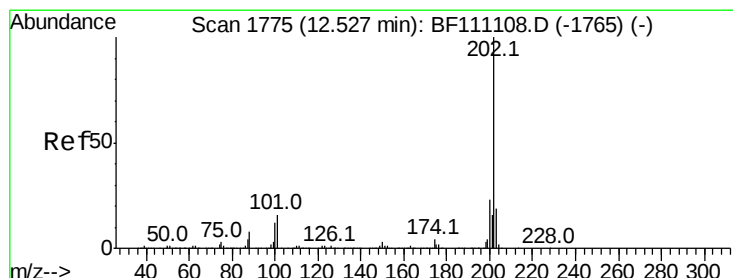
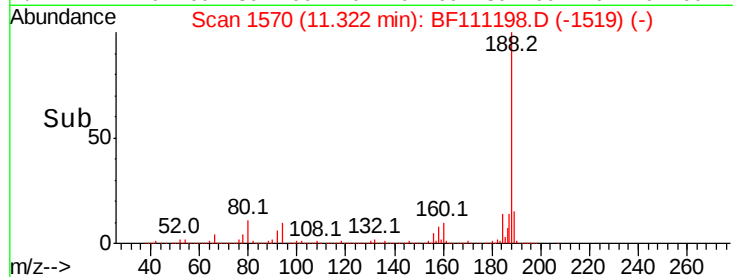
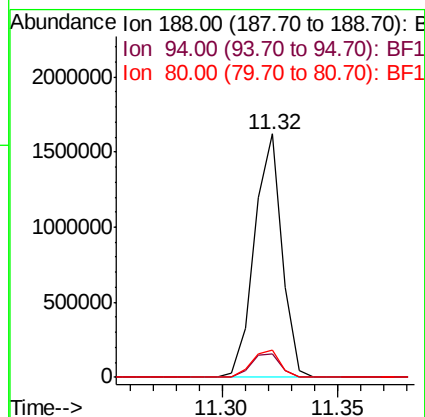
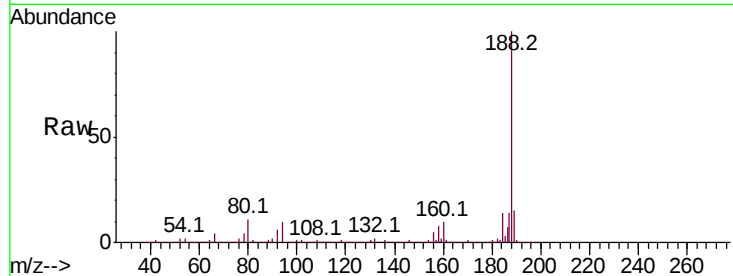
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.00 min
Lab File: BF111198.D
Acq: 7 Dec 2018 20:27

Instrument :
BNA_F
ClientSampled :
SB-10(13-15)

Tot Ion	Ratio	Lower	Upper
188	100		
94	9.8	8.5	12.7
80	11.0	9.0	13.6

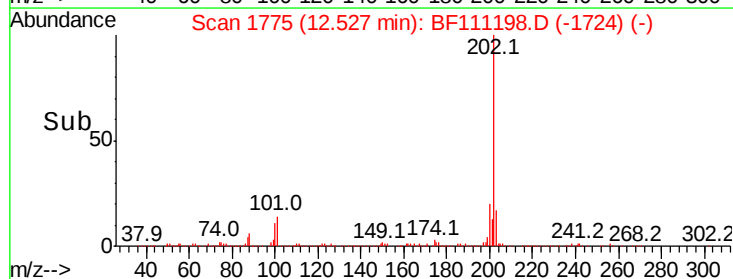
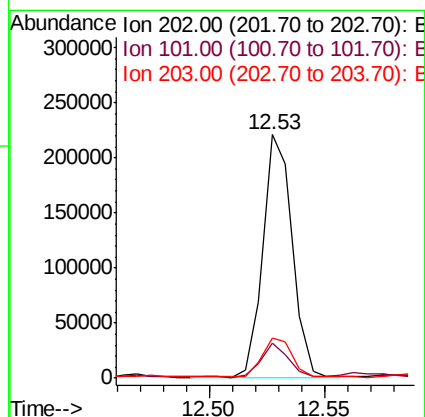
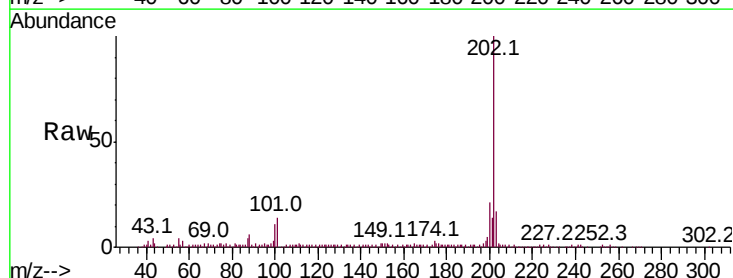
Manual Integrations
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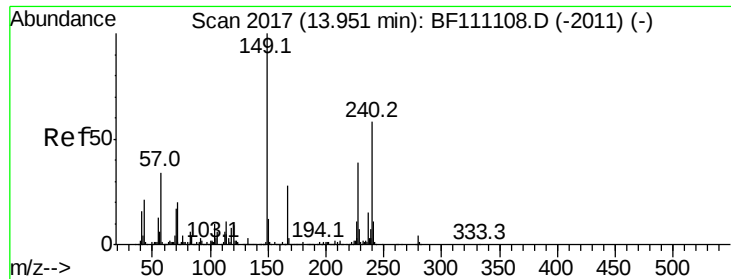
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#75
Fluoranthene
Concen: 3.064 ng
RT: 12.53 min Scan# 1775
Delta R.T. -0.00 min
Lab File: BF111198.D
Acq: 7 Dec 2018 20:27

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.4	0.0	35.8
203	16.7	0.0	38.6





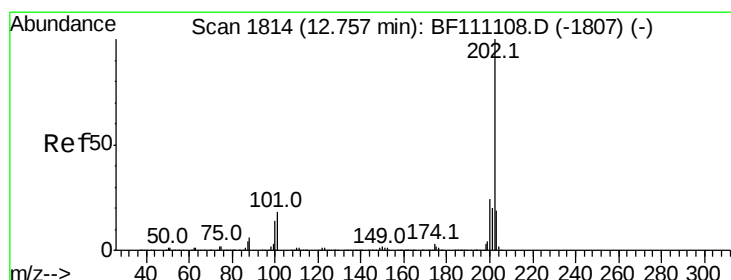
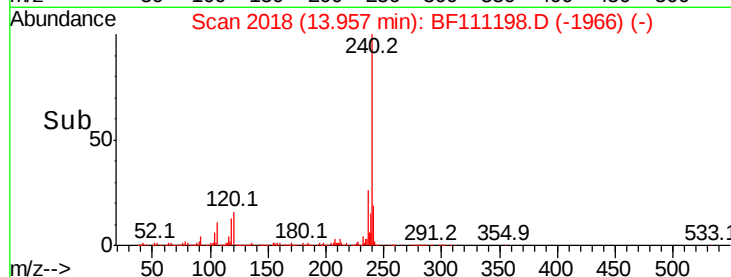
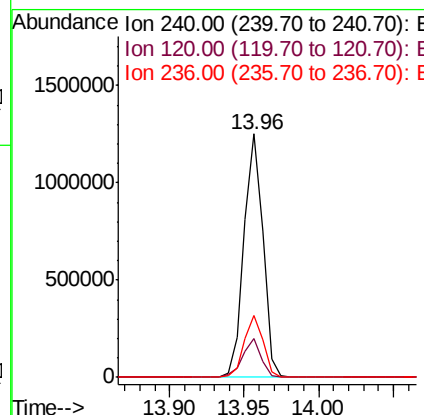
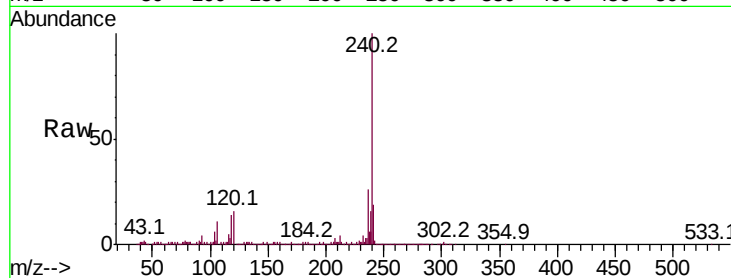
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2018
Delta R.T. 0.01 min
Lab File: BF111198.D
Acq: 7 Dec 2018 20:27

Instrument :
BNA_F
ClientSampleId :
SB-10(13-15)

Tot Ion	Ratio	Lower	Upper
240	100		
120	15.9	12.8	19.2
236	25.6	21.1	31.7

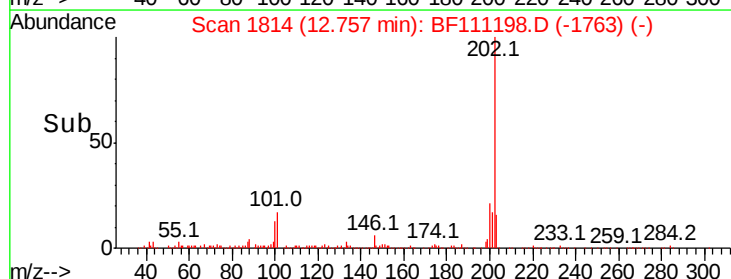
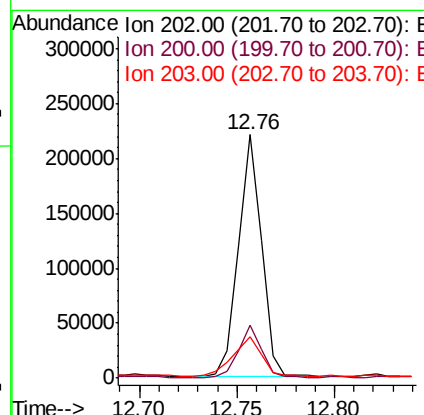
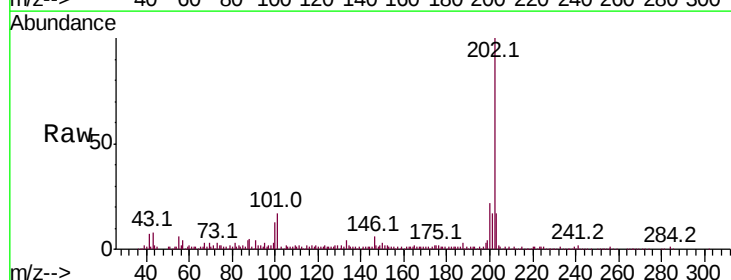
Manual Integrations
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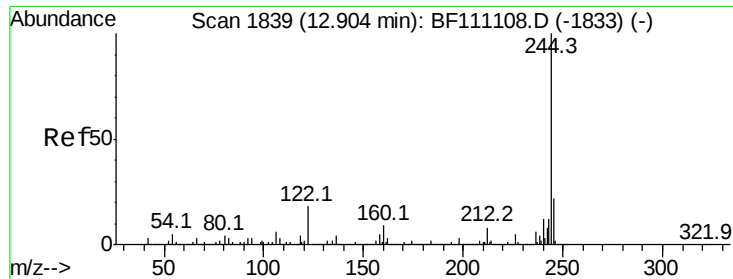
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#78
Pyrene
Concen: 2.097 ng
RT: 12.76 min Scan# 1814
Delta R.T. -0.00 min
Lab File: BF111198.D
Acq: 7 Dec 2018 20:27

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.6	19.3	28.9
203	17.0	15.4	23.2





#79

Terphenyl-d14

Concen: 63.287 ng

RT: 12.91 min Scan# 1840

Delta R.T. 0.01 min

Lab File: BF111198.D

Acq: 7 Dec 2018 20:27

Instrument :

BNA_F

ClientSampled :

SB-10(13-15)

Tot Ion:244 Resp: 3438855

Ion Ratio Lower Upper

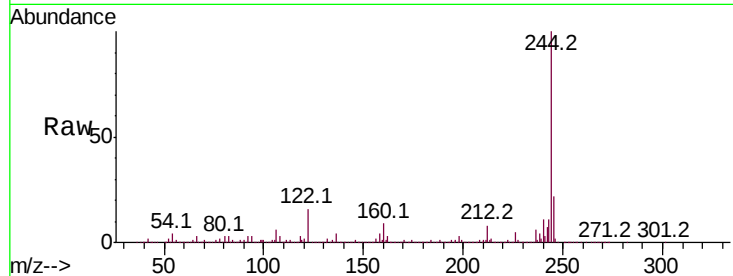
244 100

212 7.9 6.6 9.8

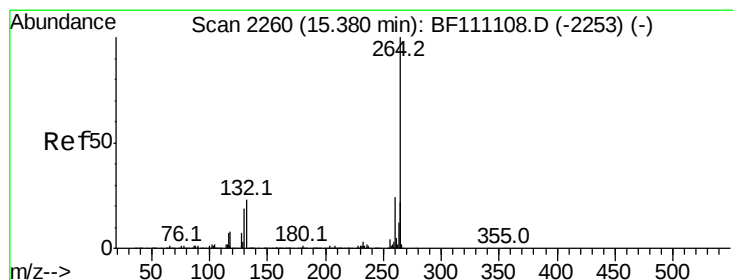
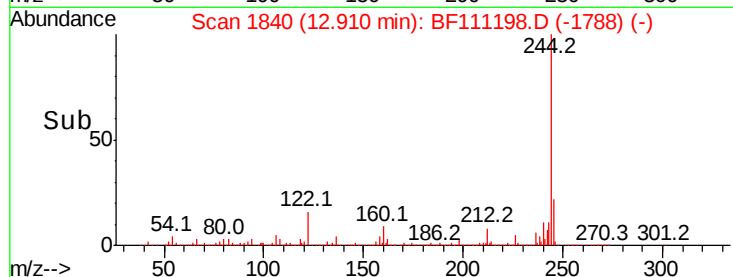
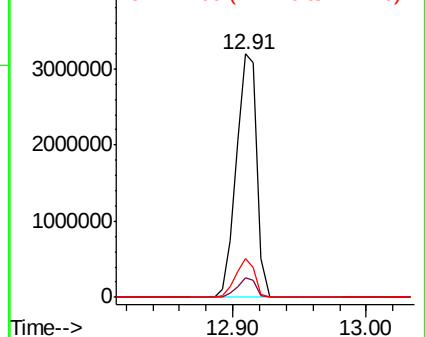
122 16.0 14.2 21.2

Manual Integrations
APPROVED

Sohil
12/11/2018 8:44:47 AM



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.39 min Scan# 2262

Delta R.T. 0.01 min

Lab File: BF111198.D

Acq: 7 Dec 2018 20:27

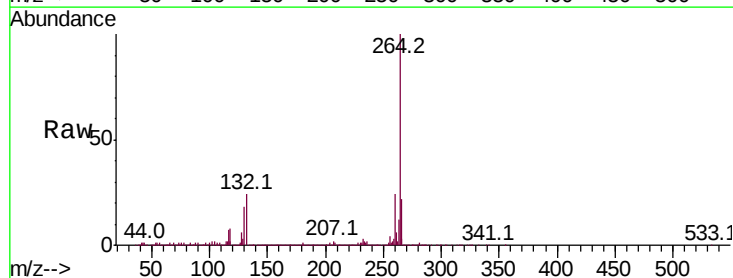
Tgt Ion:264 Resp: 925670

Ion Ratio Lower Upper

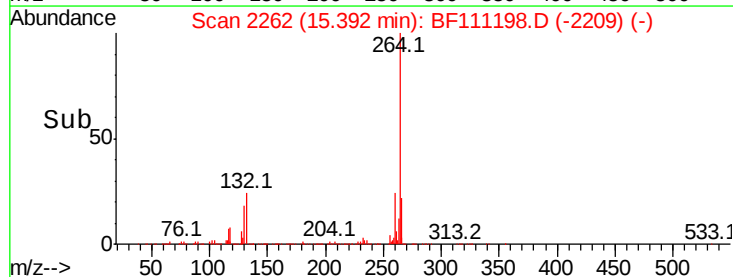
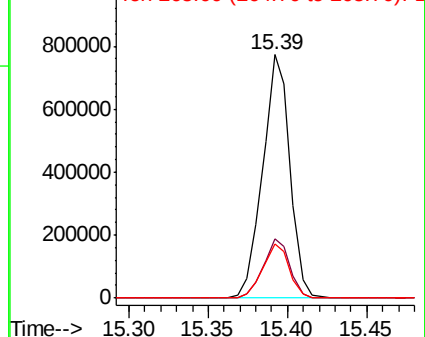
264 100

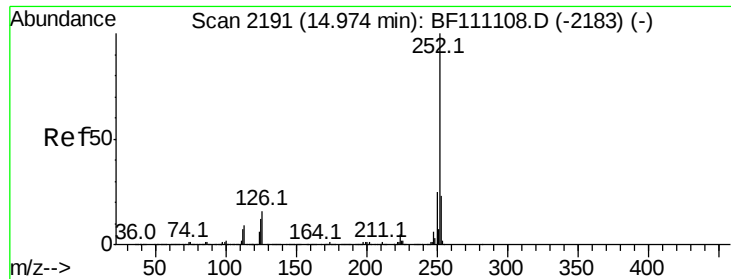
260 24.4 19.4 29.0

265 22.1 17.4 26.0



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: 2.062 ng/ml

RT: 14.98 min Scan# 2192

Delta R.T. 0.01 min

Lab File: BF111198.D

Acq: 7 Dec 2018 20:27

Instrument :

BNA_F

ClientSampleId :

SB-10(13-15)

Tot Ion:	252	Resp:	108180
Ion Ratio	Lower	Upper	
252	100		
253	23.0	18.5	27.7
125	14.5	9.9	14.9

Manual Integrations
APPROVED

Sohil
12/11/2018 8:44:47 AM

