

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083118\
 Data File : BF108688.D
 Acq On : 31 Aug 2018 14:52
 Operator : JU/SJ
 Sample : J4723-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RA-082918-ESW-NSC-054

Manual Integrations
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Quant Time: Aug 31 16:31:55 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 30 15:06:55 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	90225	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	367386	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	149625	20.00	ng	0.00
63) Phenanthrene-d10	11.54	188	223975	20.00	ng	0.00
75) Chrysene-d12	14.21	240	205495	20.00	ng	0.01
86) Perylene-d12	15.79	264	222707	20.00	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	331033	63.74	ng	-0.01
7) Phenol-d6	6.63	99	573970	77.16	ng	-0.02
23) Nitrobenzene-d5	7.56	82	373012	51.54	ng	-0.01
41) 2,4,6-Tribromophenol	10.84	330	116282	58.87	ng	-0.01
44) 2-Fluorobiphenyl	9.35	172	672698	60.45	ng	-0.01
78) Terphenyl-d14	13.14	244	463024	43.78	ng	0.01
Target Compounds						
49) Dimethylphthalate	9.74	163	124627	10.577	ng	# 98
59) Diethylphthalate	10.44	149	36131	3.044	ng	# 78
70) Phenanthrene	11.57	178	81954	7.249	ng	# 82
71) Anthracene	11.62	178	23903	2.012	ng	# 46
74) Fluoranthene	12.78	202	161677	12.705	ng	# 87
77) Pyrene	13.01	202	182837	11.836	ng	# 89
80) Benzo(a)anthracene	14.20	228	108495	8.661	ng	# 78
82) Chrysene	14.24	228	124891	10.367	ng	# 80
85) Indeno(1,2,3-cd)pyrene	17.41	276	57945	6.917	ng	# 82
87) Benzo(b)fluoranthene	15.32	252	149031m	10.894	ng	
88) Benzo(k)fluoranthene	15.34	252	57549m	4.246	ng	
89) Benzo(a)pyrene	15.72	252	106132	8.584	ng	# 68
91) Benzo(a,h,i)perylene	17.91	276	50487	5.261	ng	# 89

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

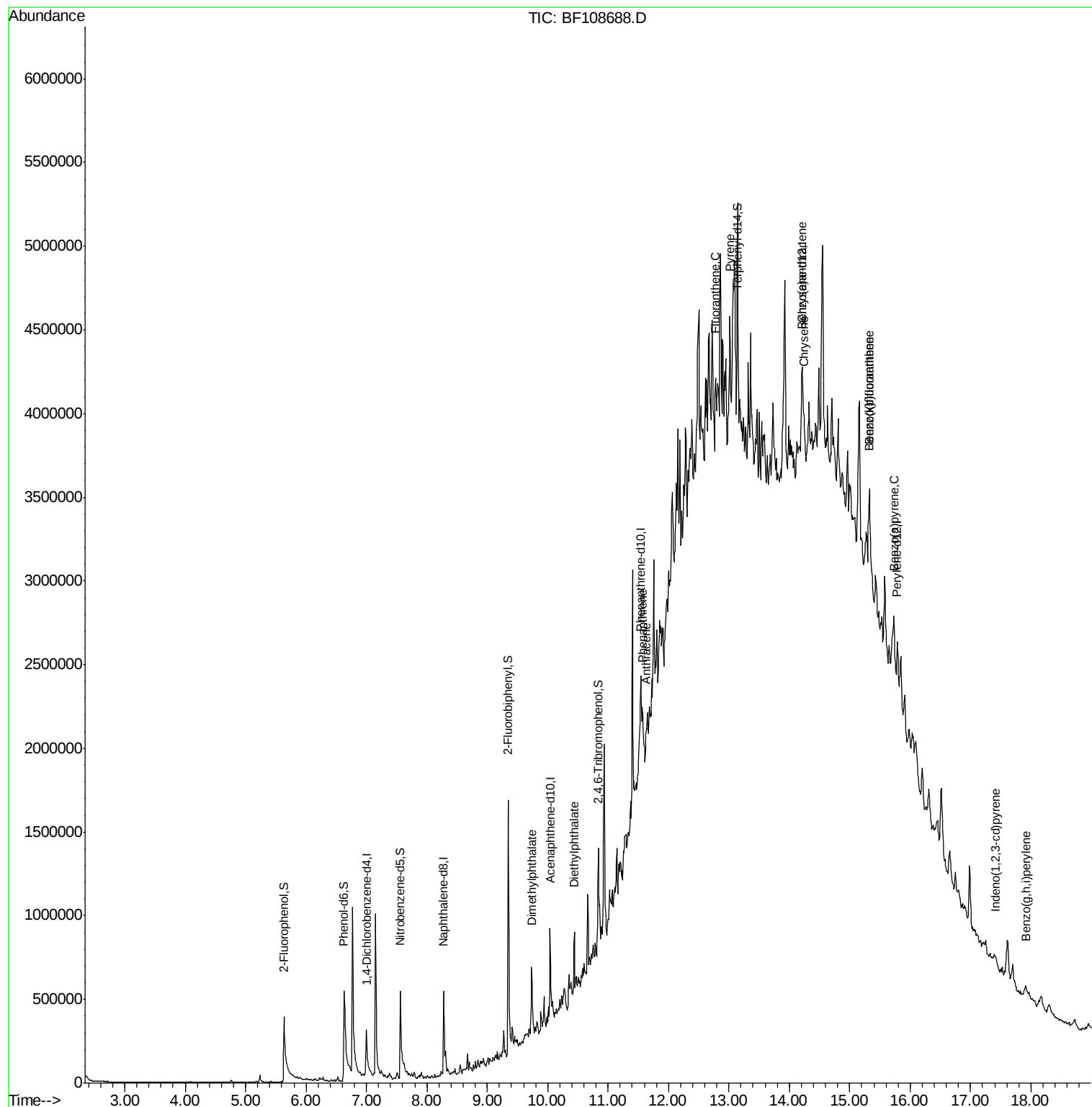
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083118\
Data File : BF108688.D
Acq On : 31 Aug 2018 14:52
Operator : JU/SJ
Sample : J4723-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

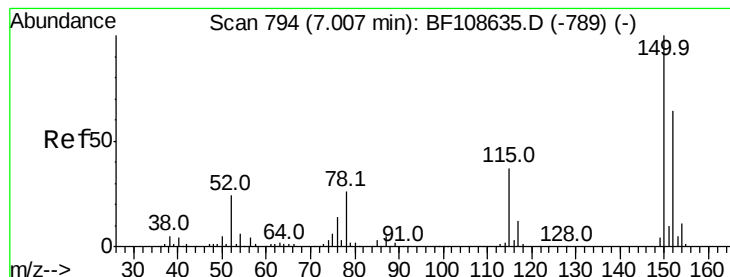
Instrument :
BNA_F
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#1

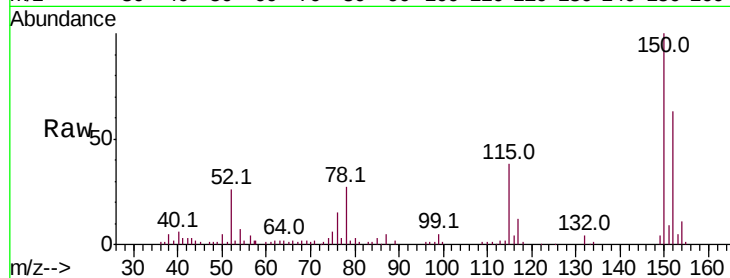
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108688.D
Acq: 31 Aug 2018 14:52

Instrument :
BNA_F
ClientSampleId :
RA-082918-ESW-NSC-054

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.4	124.6	186.8
115	60.5	50.1	75.1

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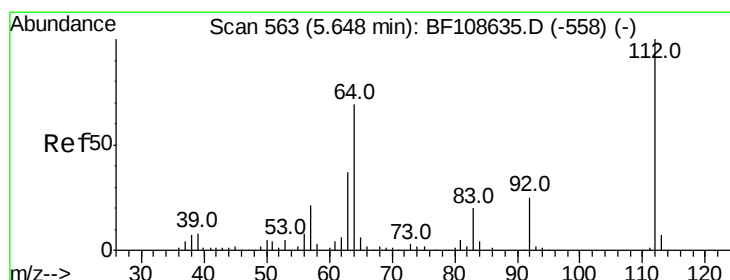
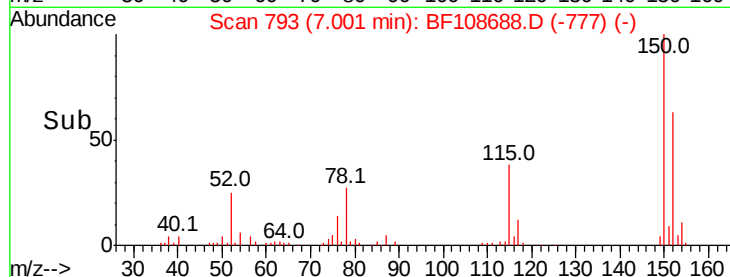
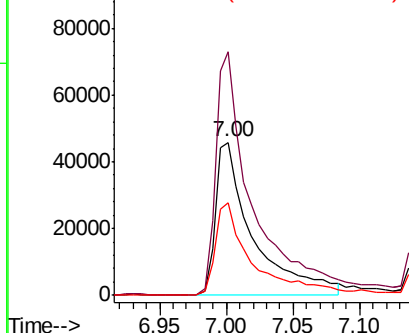


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

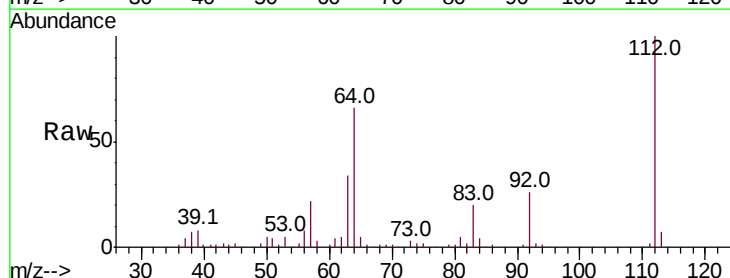
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 63.738 ng
RT: 5.64 min Scan# 561
Delta R.T. -0.01 min
Lab File: BF108688.D
Acq: 31 Aug 2018 14:52

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.1	47.9	71.9
63	33.7	23.7	35.5

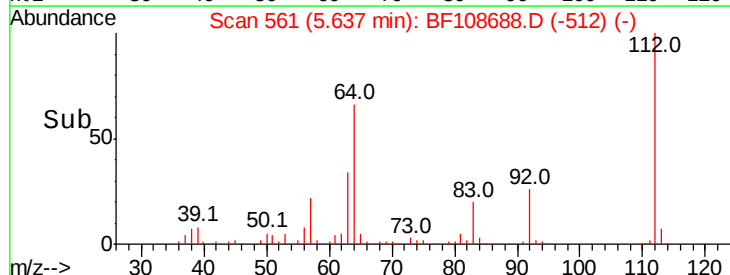
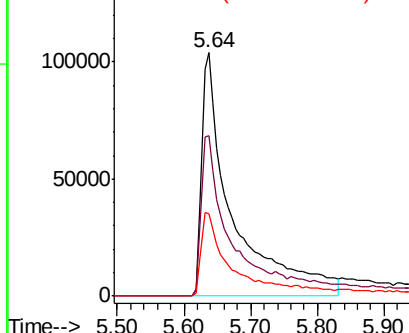


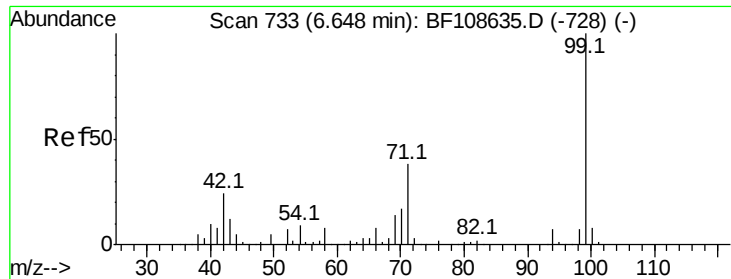
Abundance

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: 77.160 ng

RT: 6.63 min Scan# 730

Delta R.T. -0.02 min

Lab File: BF108688.D

Acq: 31 Aug 2018 14:52

Instrument :

BNA_F

ClientSampleId :

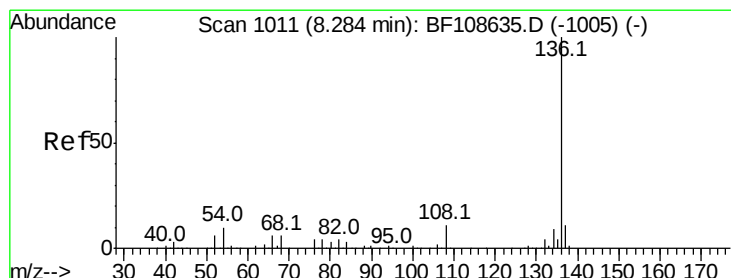
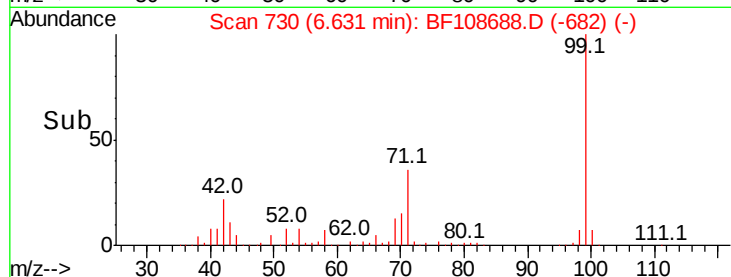
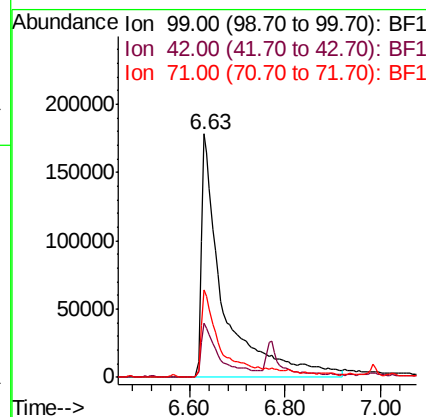
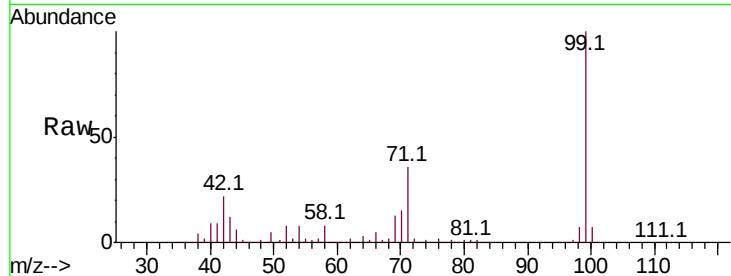
RA-082918-ESW-NSC-054

Tot Ion: 99 Resp: 573970

Ion	Ratio	Lower	Upper
99	100		
42	22.3	14.5	21.7#
71	35.7	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.28 min Scan# 1010

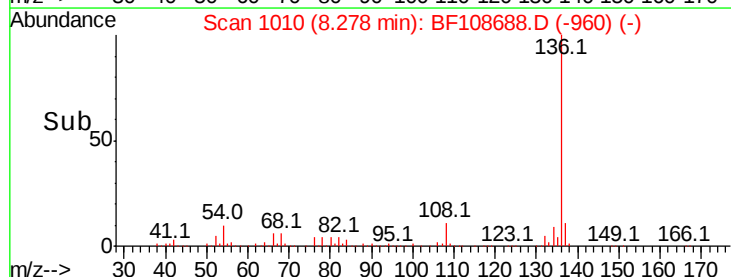
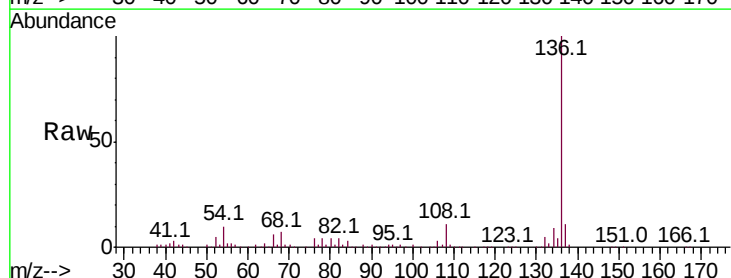
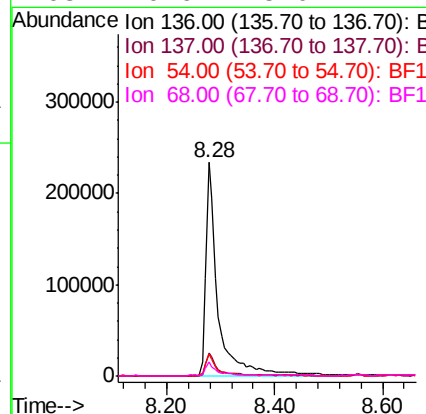
Delta R.T. -0.01 min

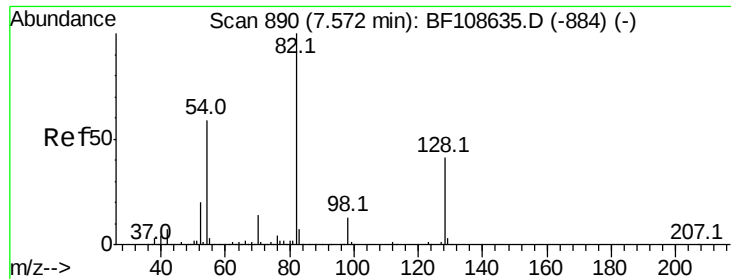
Lab File: BF108688.D

Acq: 31 Aug 2018 14:52

Tgt Ion: 136 Resp: 367386

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	10.3	6.6	9.8#
68	6.6	5.0	7.4





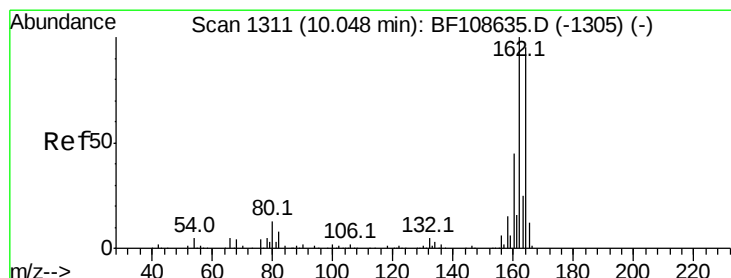
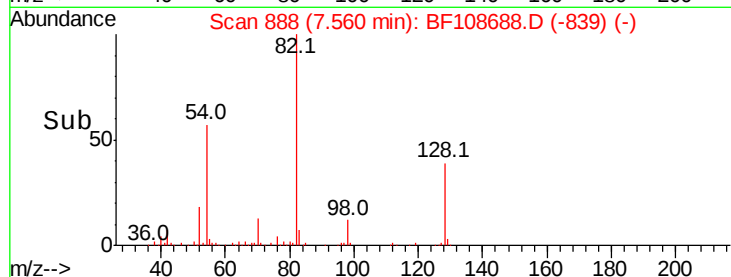
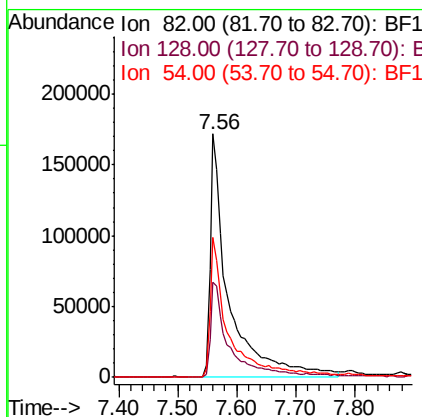
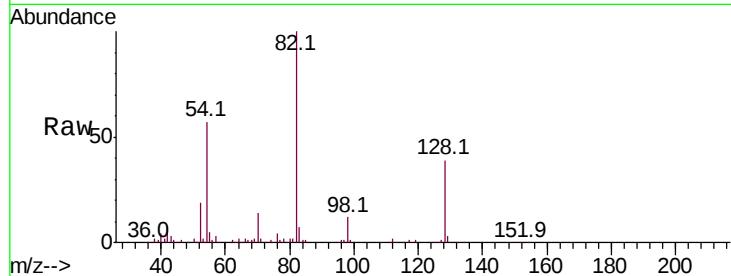
#23
Nitrobenzene-d5
Concen: 51.536 ng
RT: 7.56 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF108688.D
Acq: 31 Aug 2018 14:52

Instrument :
BNA_F
ClientSampleId :
RA-082918-ESW-NSC-054

Tot Ion	Ratio	Lower	Upper
82	100		
128	39.1	36.1	54.1
54	57.4	41.4	62.2

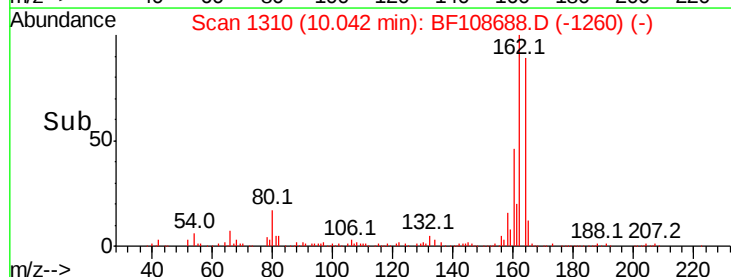
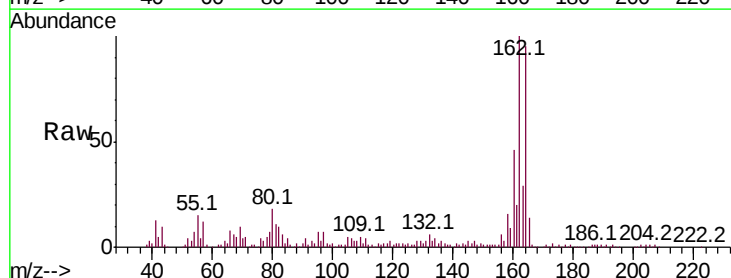
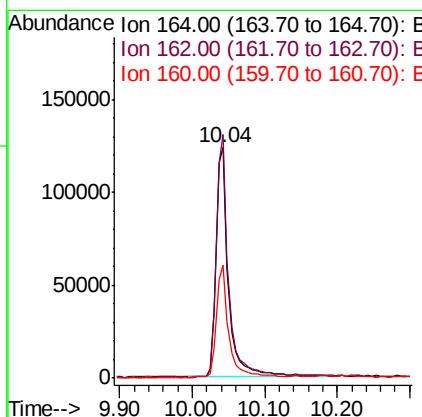
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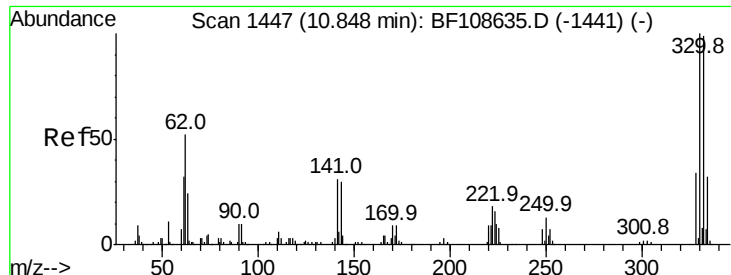
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.04 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF108688.D
Acq: 31 Aug 2018 14:52

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.6	86.1	129.1
160	49.0	38.3	57.5





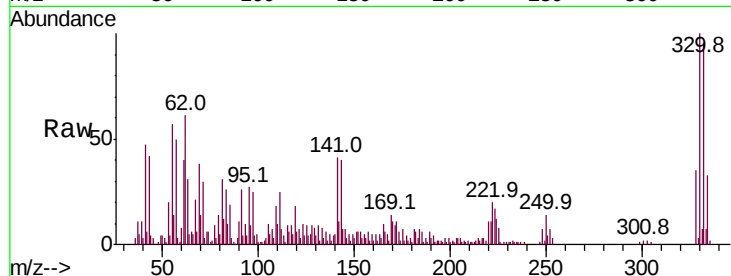
#41
 2,4,6-Tribromophenol
 Concen: 58.870 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. -0.01 min
 Lab File: BF108688.D
 Acq: 31 Aug 2018 14:52

Instrument :
 BNA_F
 ClientSampleId :
 RA-082918-ESW-NSC-054

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.8	77.0	115.6	
141	33.2	29.9	44.9	

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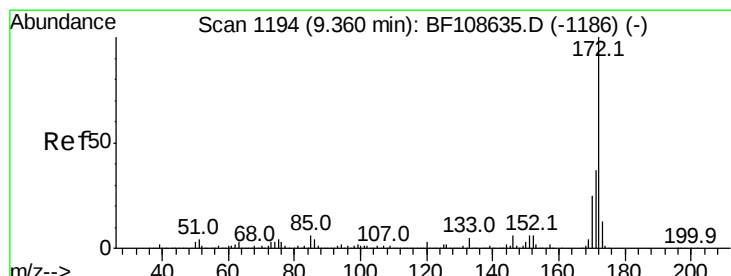
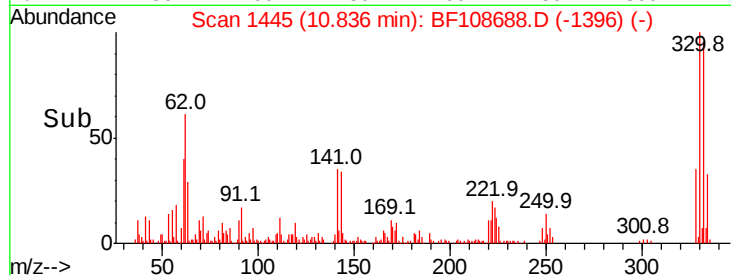
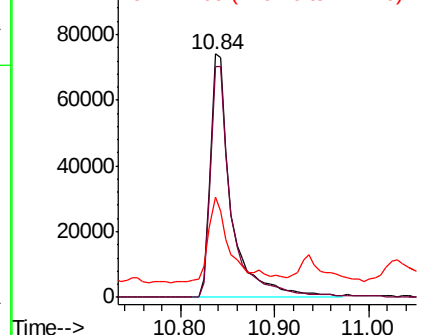


Abundance

Ion 329.80 (329.50 to 330.50): E

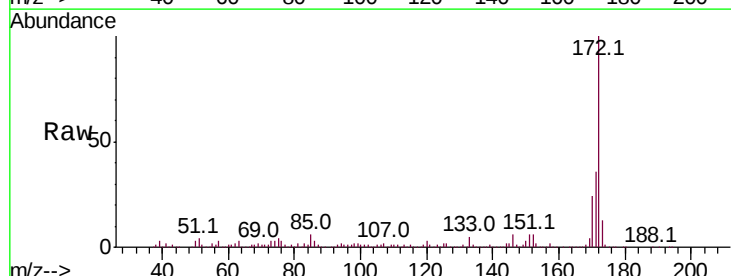
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 60.451 ng
 RT: 9.35 min Scan# 1192
 Delta R.T. -0.01 min
 Lab File: BF108688.D
 Acq: 31 Aug 2018 14:52

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	35.5	29.7	44.5	
170	23.9	19.6	29.4	

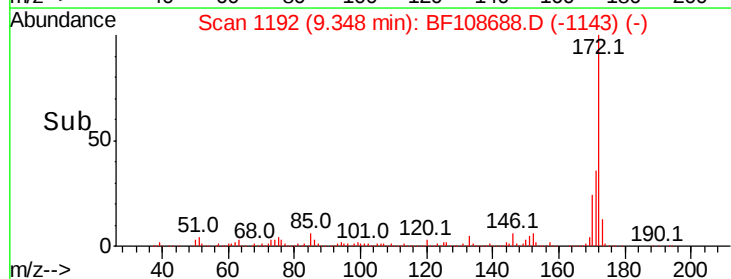
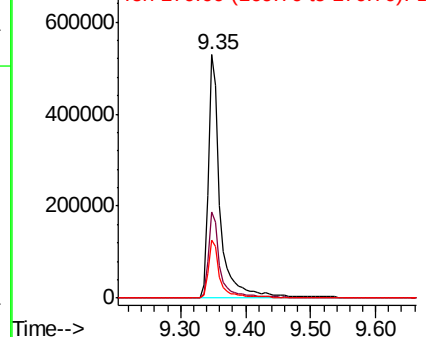


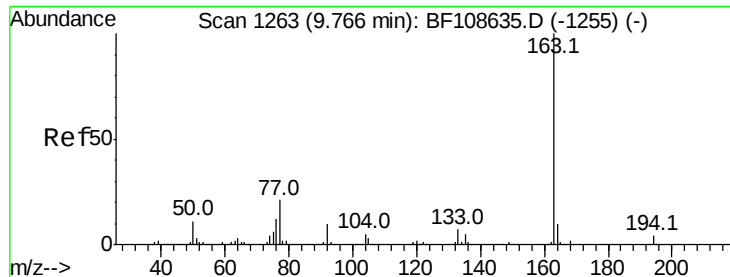
Abundance

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





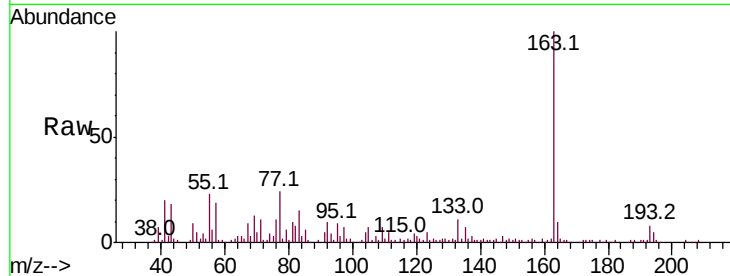
#49
 Dimethylphthalate
 Concen: 10.577 ng
 RT: 9.74 min Scan# 1259
 Delta R.T. -0.02 min
 Lab File: BF108688.D
 Acq: 31 Aug 2018 14:52

Instrument :
 BNA_F
 ClientSampleId :
 RA-082918-ESW-NSC-054

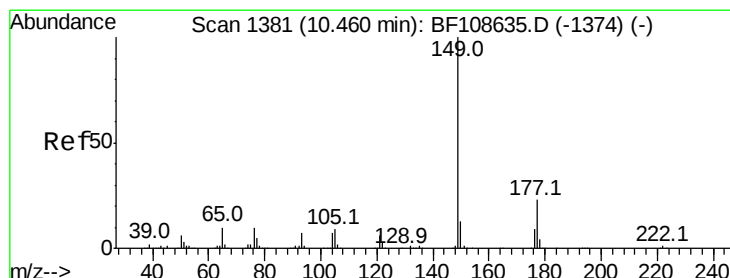
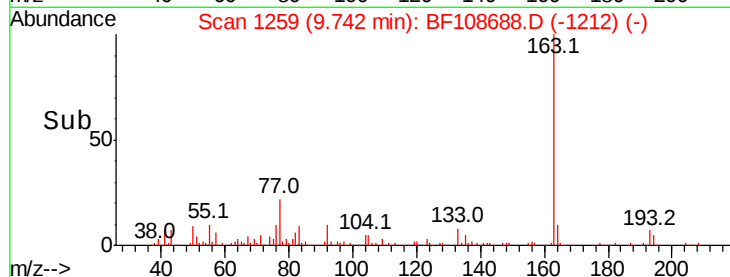
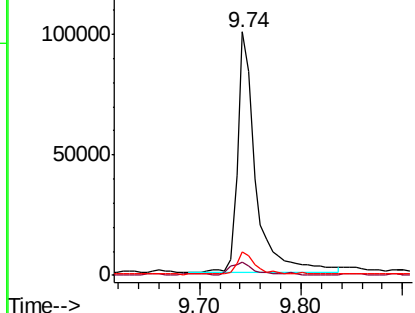
Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	5.3	2.7	4.1#	
164	9.8	8.2	12.2	

Manual Integrations
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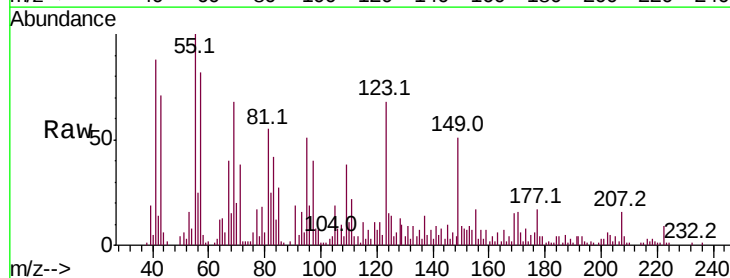


Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

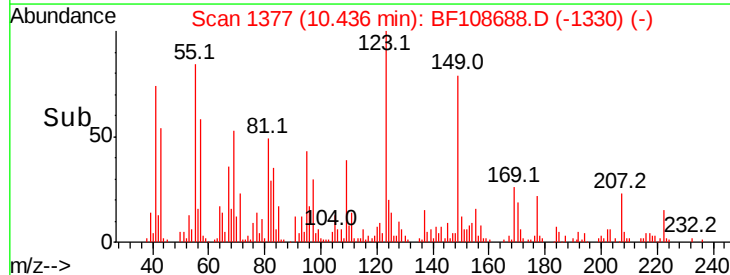
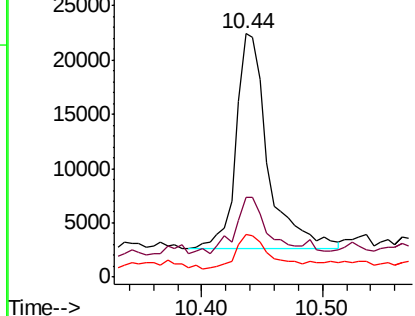


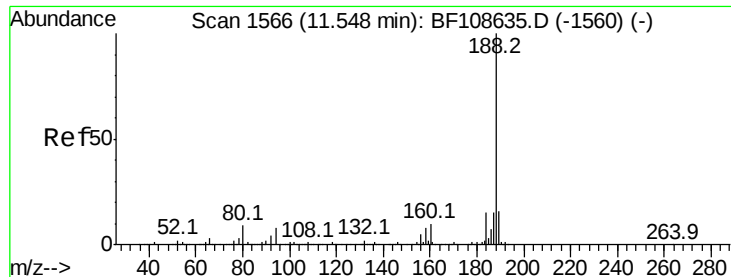
#59
 Diethylphthalate
 Concen: 3.044 ng
 RT: 10.44 min Scan# 1377
 Delta R.T. -0.02 min
 Lab File: BF108688.D
 Acq: 31 Aug 2018 14:52

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
177	33.0	16.1	24.1#	
150	17.3	10.1	15.1#	



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E





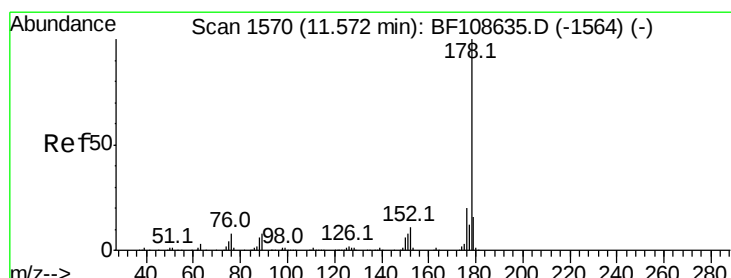
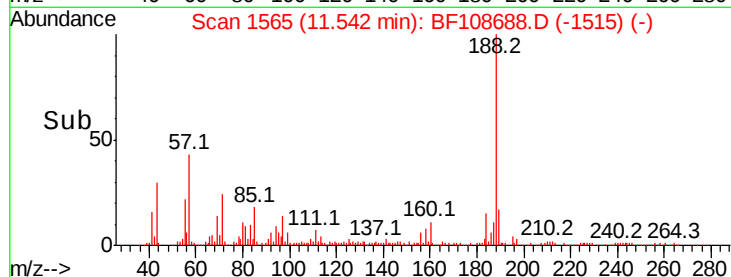
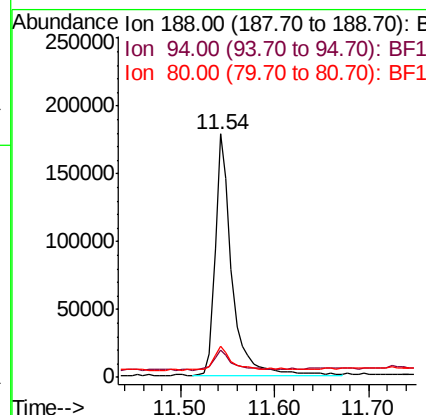
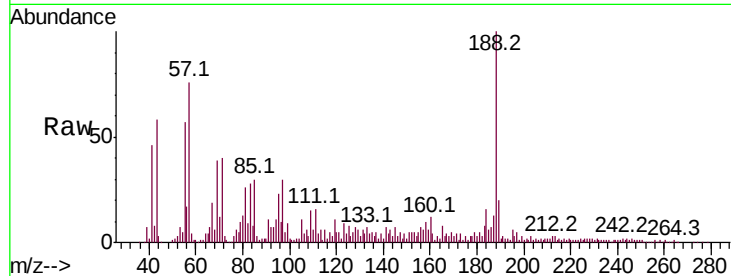
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.54 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BF108688.D
Acq: 31 Aug 2018 14:52

Instrument :
BNA_F
ClientSampleId :
RA-082918-ESW-NSC-054

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	11.3	8.5	12.7	
80	12.8	9.2	13.8	

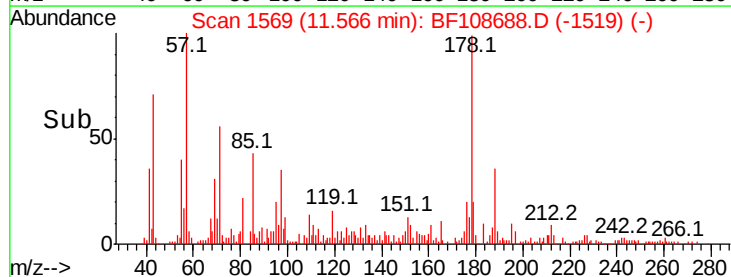
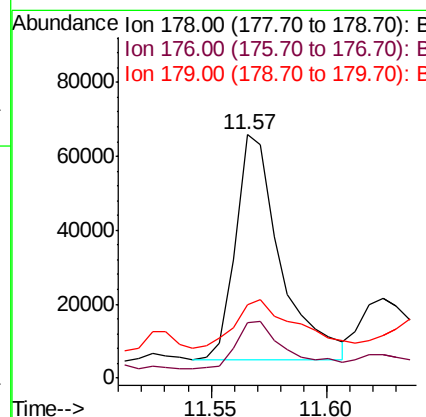
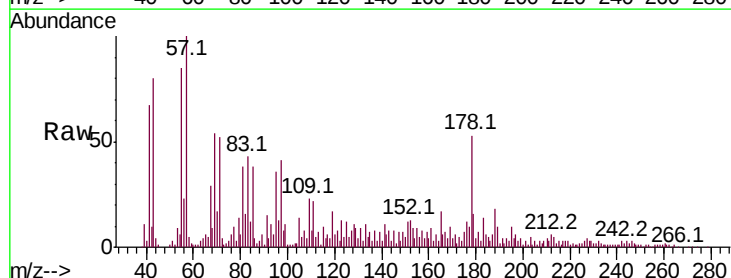
Manual Integrations
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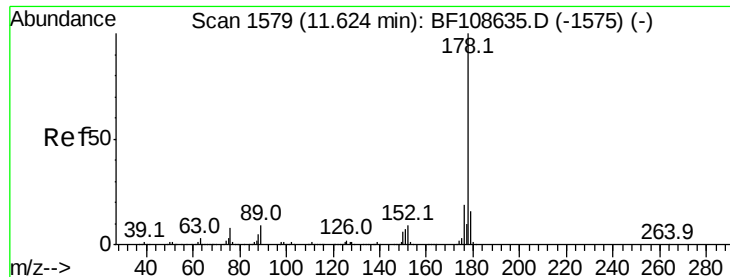
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#70
Phenanthrene
Concen: 7.249 ng
RT: 11.57 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BF108688.D
Acq: 31 Aug 2018 14:52

Tgt Ion	Ratio	Resp	Lower	Upper
178	100			
176	22.7	15.8	23.8	
179	29.9	13.0	19.6	





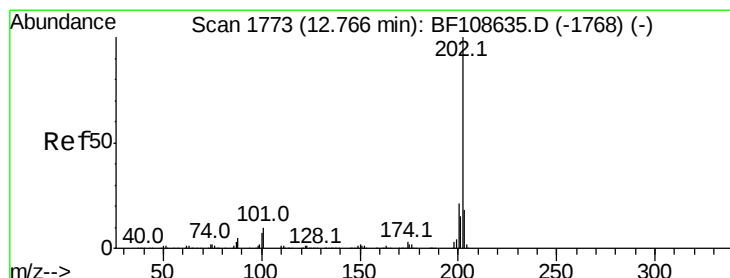
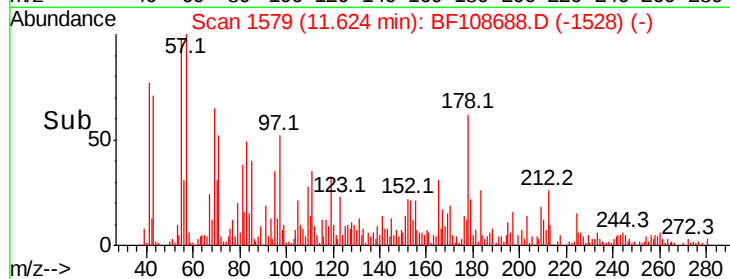
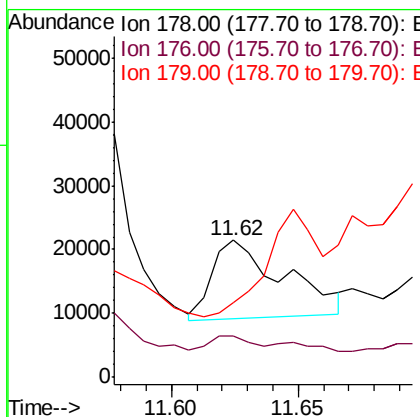
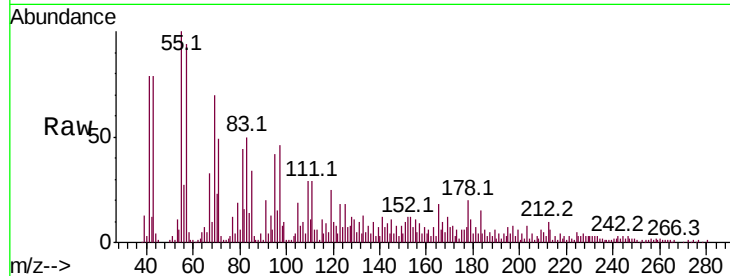
#71
 Anthracene
 Concen: 2.012 ng
 RT: 11.62 min Scan# 1579
 Delta R.T. -0.00 min
 Lab File: BF108688.D
 Acq: 31 Aug 2018 14:52

Instrument :
 BNA_F
 ClientSampleId :
 RA-082918-ESW-NSC-054

Tot Ion	Ratio	Lower	Upper
178	100		
176	30.0	15.4	23.2#
179	54.1	12.6	19.0#

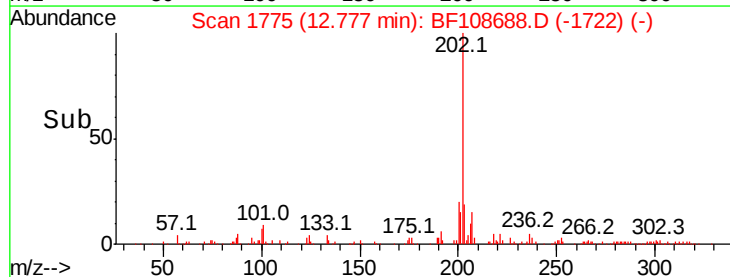
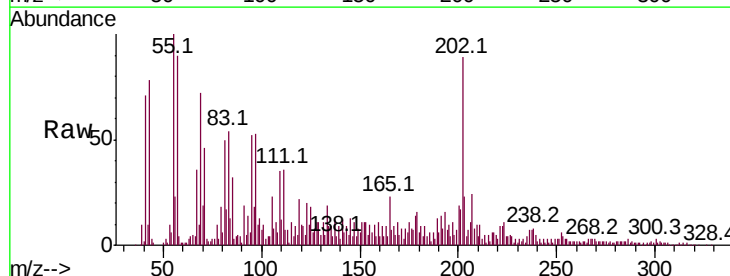
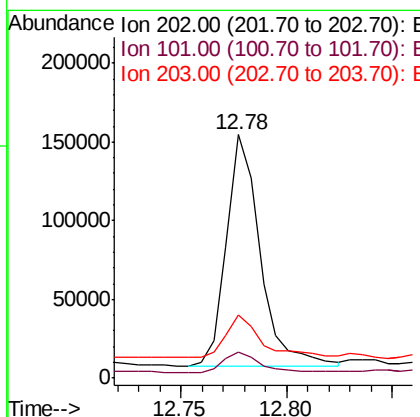
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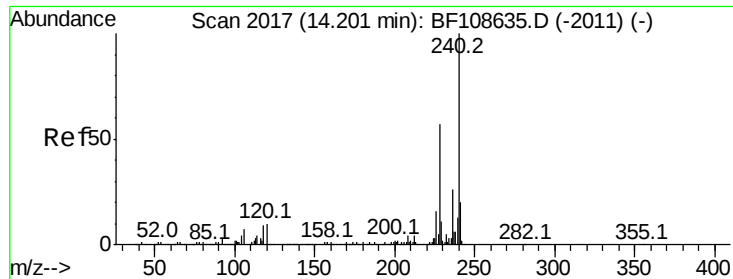
Sohil
 9/4/2018 3:53:06 PM



#74
 Fluoranthene
 Concen: 12.705 ng
 RT: 12.78 min Scan# 1775
 Delta R.T. 0.01 min
 Lab File: BF108688.D
 Acq: 31 Aug 2018 14:52

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.9	0.0	34.1
203	26.1	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.21 min Scan# 2019

Delta R.T. 0.01 min

Lab File: BF108688.D

Acq: 31 Aug 2018 14:52

Instrument :

BNA_F

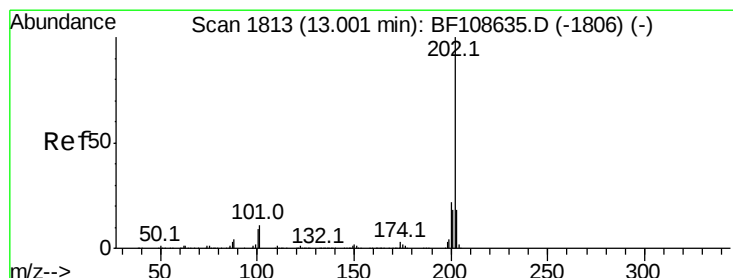
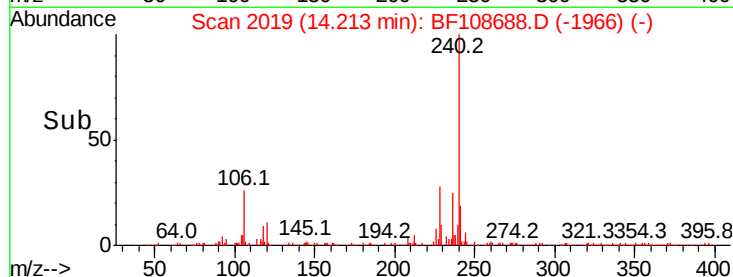
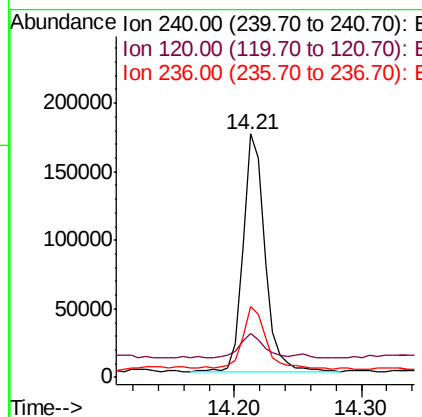
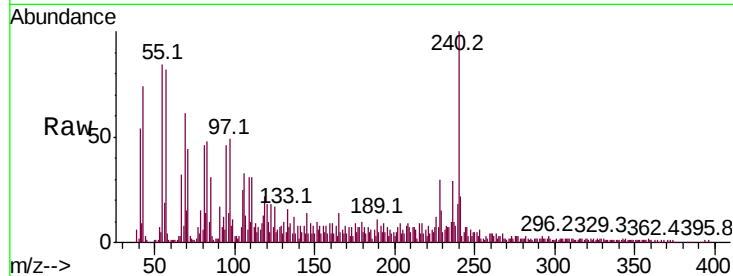
ClientSampleId :

RA-082918-ESW-NSC-054

Tot Ion	Ratio	Resp	Lower	Upper
240	100			
120	18.0	9.5	14.3#	
236	29.2	20.7	31.1	

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#77

Pyrene

Concen: 11.836 ng

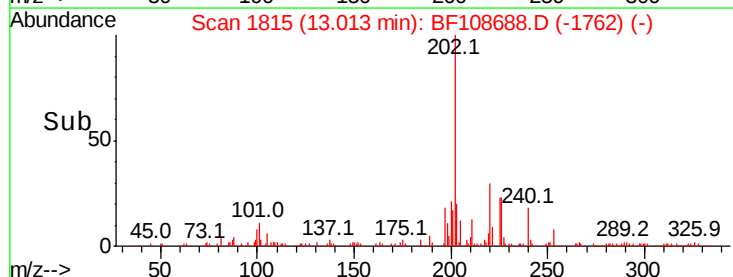
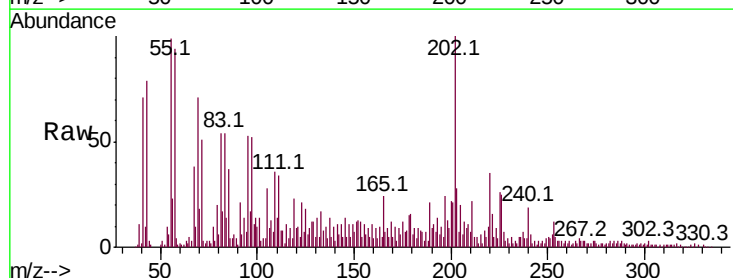
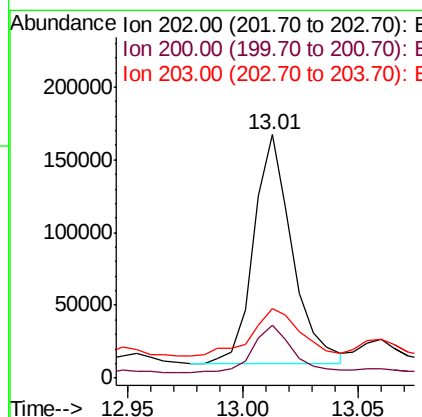
RT: 13.01 min Scan# 1815

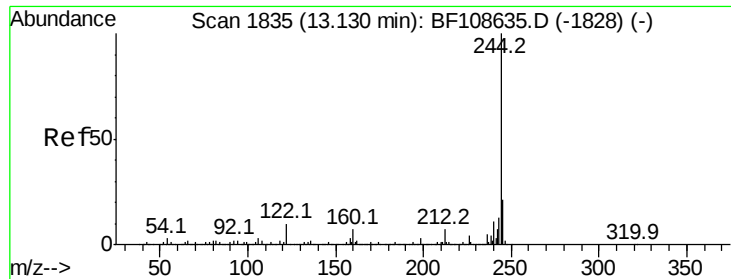
Delta R.T. 0.01 min

Lab File: BF108688.D

Acq: 31 Aug 2018 14:52

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
200	21.9	17.4	26.2	
203	28.4	14.3	21.5#	





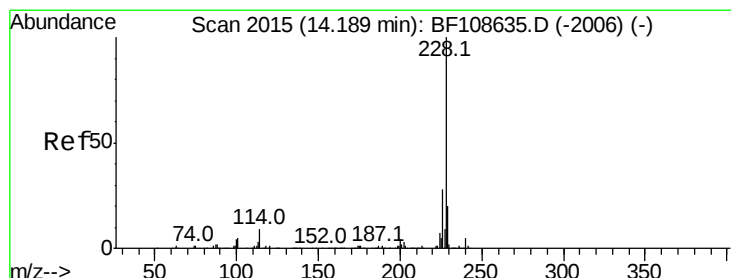
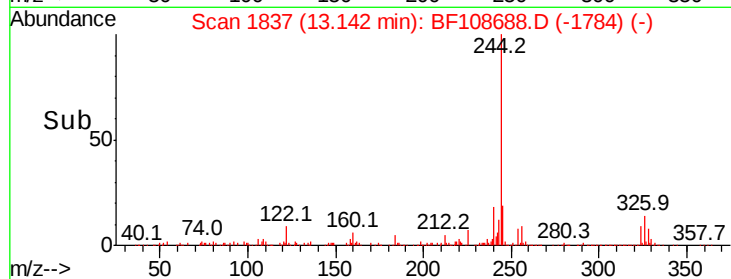
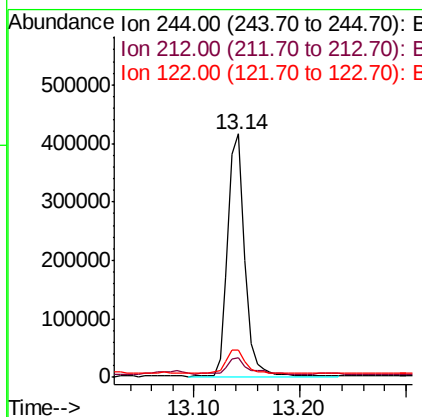
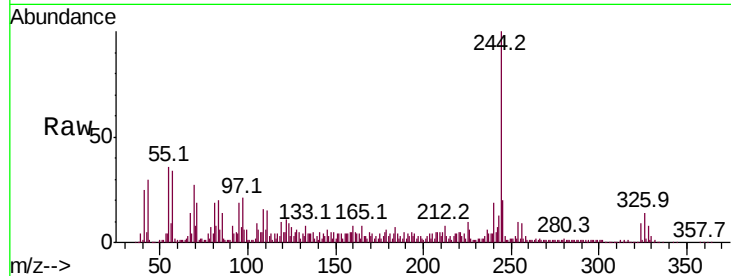
#78
 Terphenyl-d14
 Concen: 43.779 ng
 RT: 13.14 min Scan# 1837
 Delta R.T. 0.01 min
 Lab File: BF108688.D
 Acq: 31 Aug 2018 14:52

Instrument :
 BNA_F
 ClientSampleId :
 RA-082918-ESW-NSC-054

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.9	5.4	8.0
122	11.0	11.0	16.4

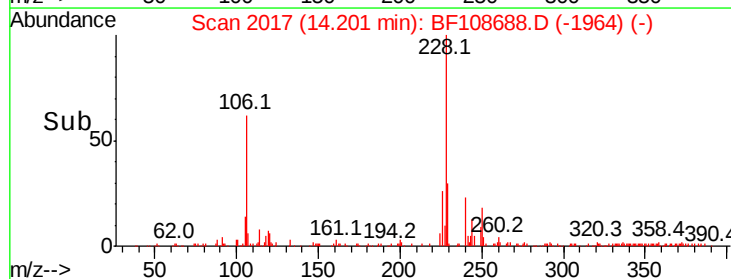
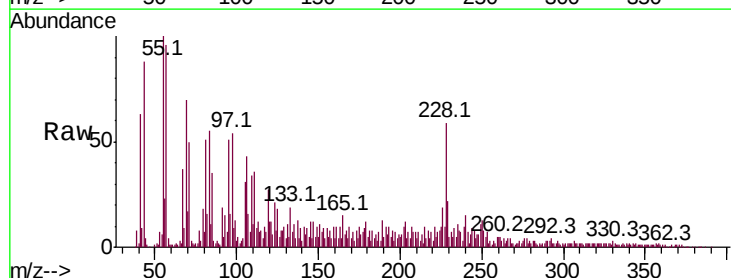
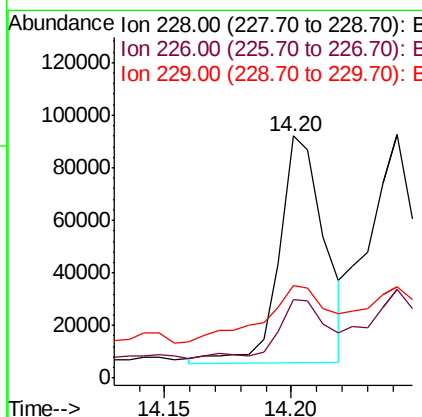
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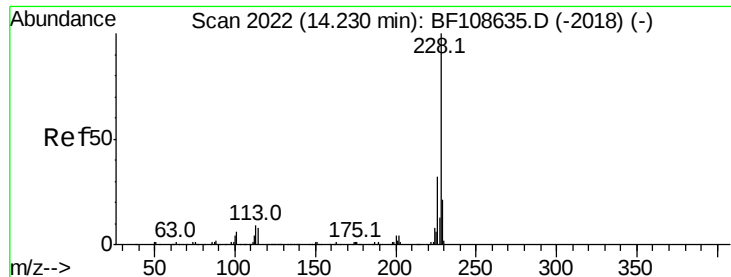
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#80
 Benzo(a)anthracene
 Concen: 8.661 ng
 RT: 14.20 min Scan# 2017
 Delta R.T. 0.01 min
 Lab File: BF108688.D
 Acq: 31 Aug 2018 14:52

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.7	22.6	33.8
229	38.0	15.8	23.6





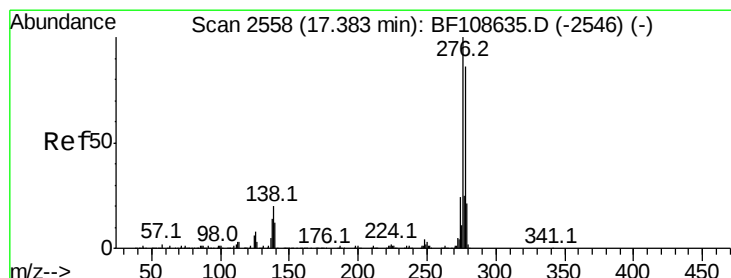
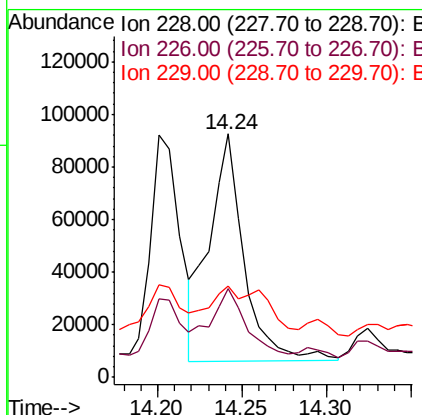
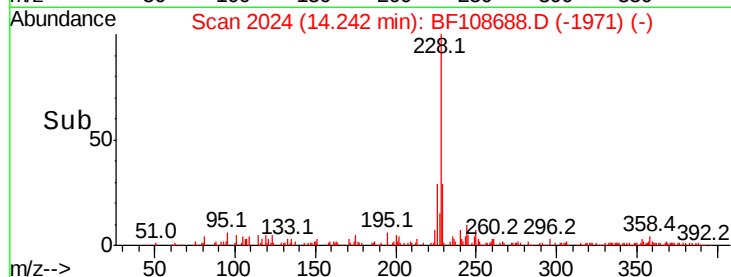
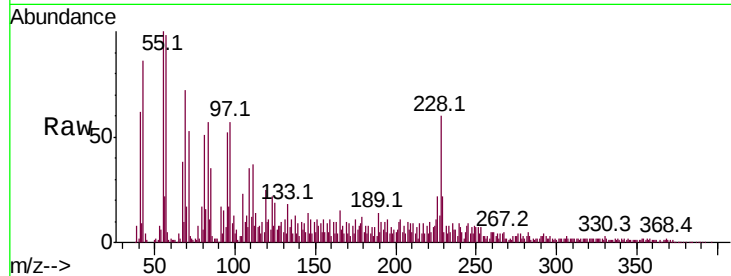
#82
Chrysene
Concen: 10.367 ng
RT: 14.24 min Scan# 2024
Delta R.T. 0.01 min
Lab File: BF108688.D
Acq: 31 Aug 2018 14:52

Instrument :
BNA_F
ClientSampleId :
RA-082918-ESW-NSC-054

Tot Ion	Ratio	Lower	Upper
228	100		
226	36.2	25.0	37.6
229	37.3	16.2	24.4

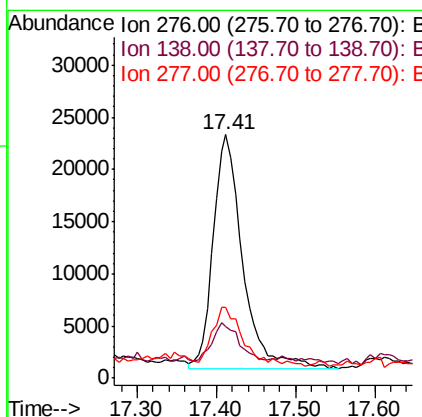
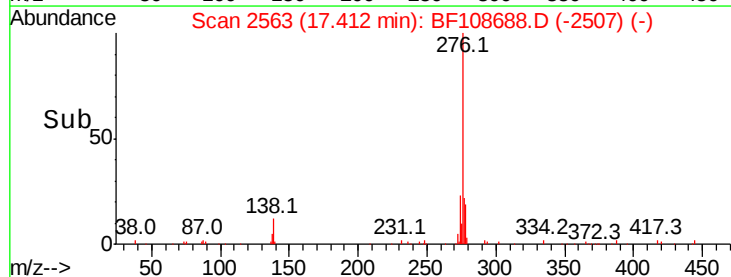
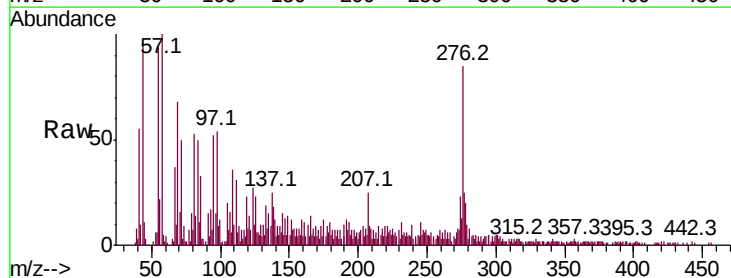
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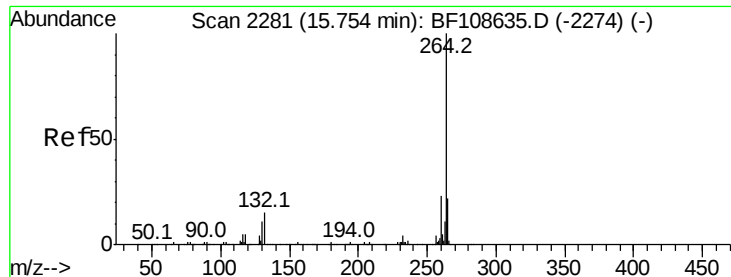
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#85
Indeno(1,2,3-cd)pyrene
Concen: 6.917 ng
RT: 17.41 min Scan# 2563
Delta R.T. 0.03 min
Lab File: BF108688.D
Acq: 31 Aug 2018 14:52

Tgt Ion	Ratio	Lower	Upper
276	100		
138	14.7	25.0	37.6
277	23.3	20.1	30.1





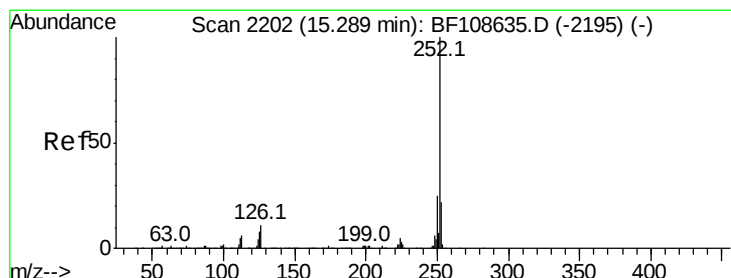
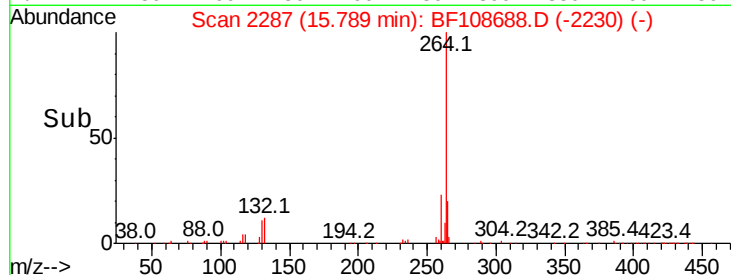
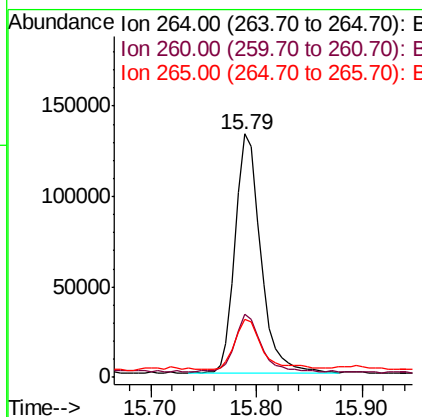
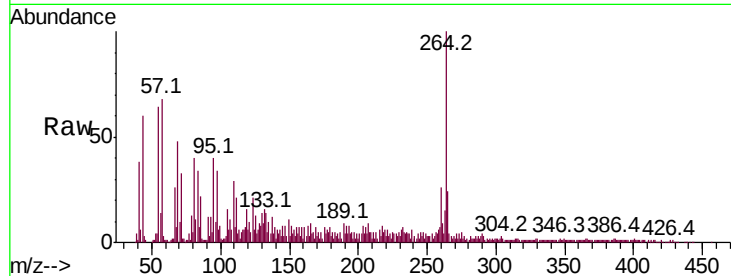
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.79 min Scan# 2287
Delta R.T. 0.04 min
Lab File: BF108688.D
Acq: 31 Aug 2018 14:52

Instrument :
BNA_F
ClientSampleId :
RA-082918-ESW-NSC-054

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.7	19.2	28.8
265	23.7	17.5	26.3

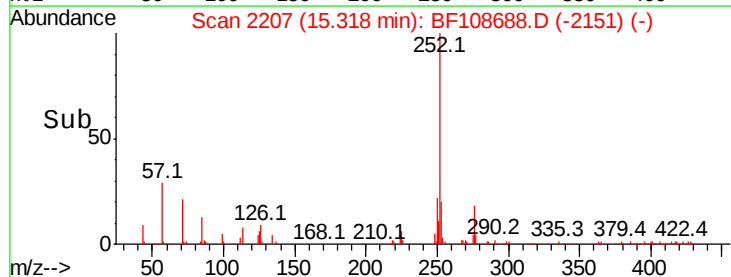
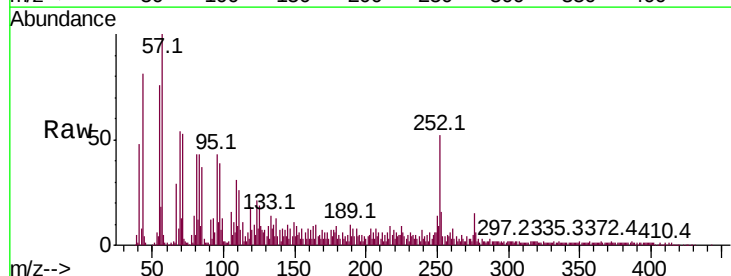
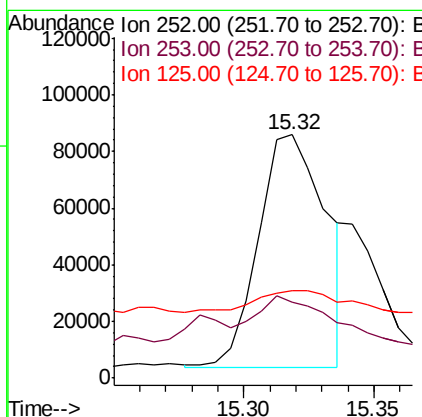
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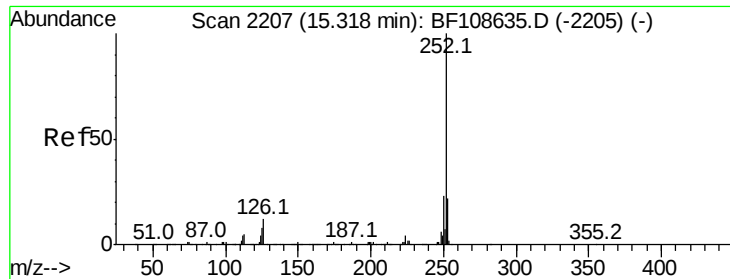
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#87
Benzo(b)fluoranthene
Concen: 10.894 ng m
RT: 15.32 min Scan# 2207
Delta R.T. 0.03 min
Lab File: BF108688.D
Acq: 31 Aug 2018 14:52

Tgt Ion	Ratio	Lower	Upper
252	100		
253	31.2	17.0	25.6#
125	35.8	9.0	13.6#





#88

Benzo(k)fluoranthene

Concen: 4.246 ng/mL

RT: 15.34 min Scan# 2210

Delta R.T. 0.02 min

Lab File: BF108688.D

Acq: 31 Aug 2018 14:52

Instrument :

BNA_F

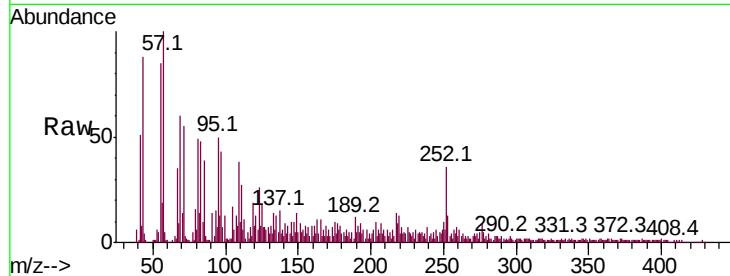
ClientSampleId :

RA-082918-ESW-NSC-054

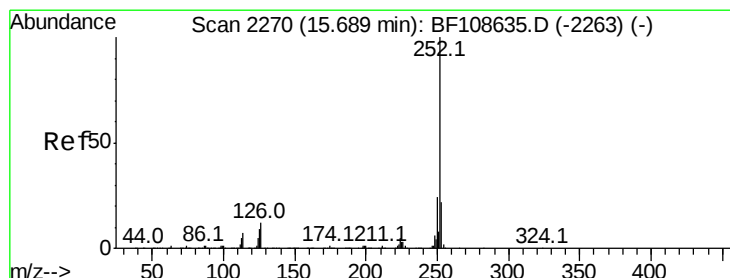
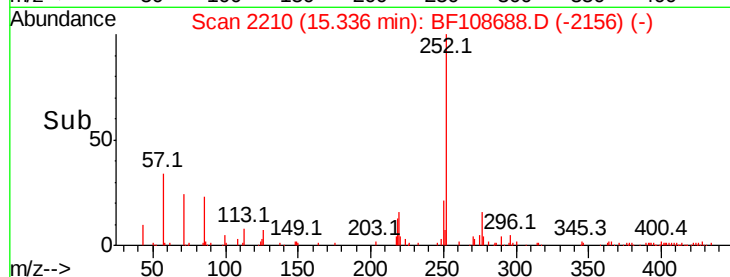
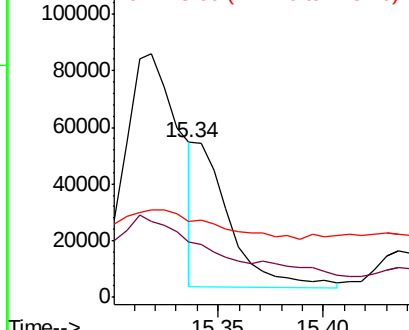
Tot Ion:	252	Resp:	57549
Ion Ratio	Lower	Upper	
252	100		
253	36.1	17.9	26.9#
125	49.2	10.2	15.2#

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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



#89

Benzo(a)pyrene

Concen: 8.584 ng/mL

RT: 15.72 min Scan# 2276

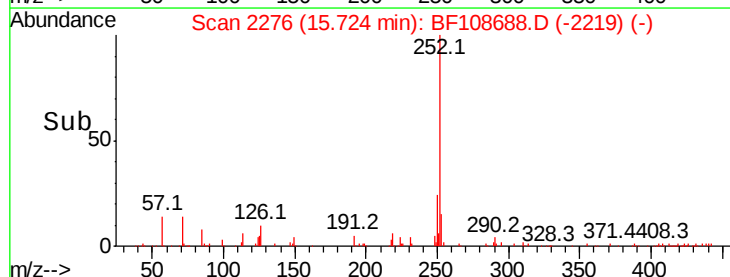
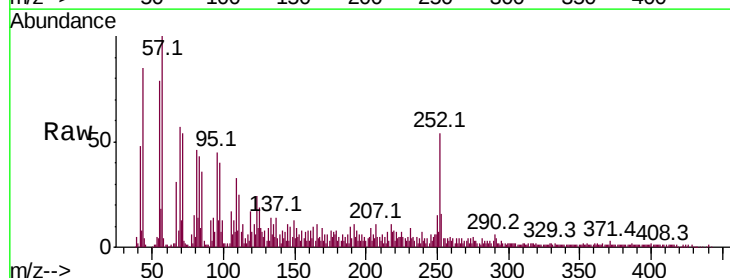
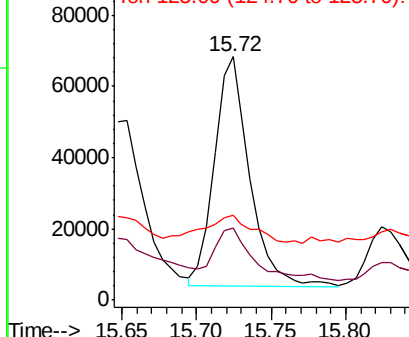
Delta R.T. 0.04 min

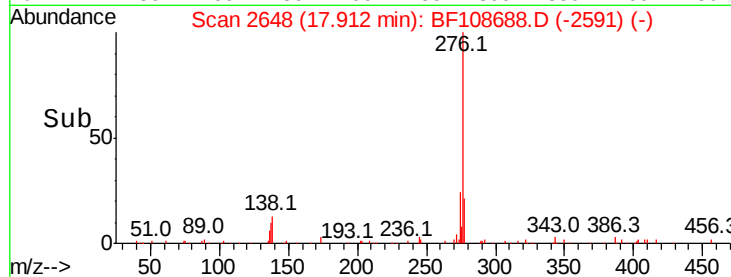
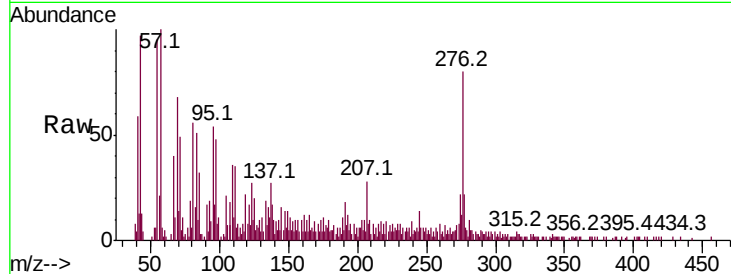
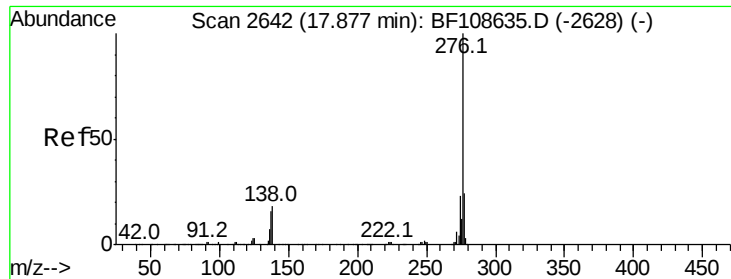
Lab File: BF108688.D

Acq: 31 Aug 2018 14:52

Tgt Ion:	252	Resp:	106132
Ion Ratio	Lower	Upper	
252	100		
253	29.5	17.1	25.7#
125	35.1	9.8	14.6#

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





#91
 Benzo(a,h,i)perylene
 Concen: 5.261 ng
 RT: 17.91 min Scan# 2648
 Delta R.T. 0.04 min
 Lab File: BF108688.D
 Acq: 31 Aug 2018 14:52

Instrument :
 BNA_F
 ClientSampleId :
 RA-082918-ESW-NSC-054

Tot Ion	Ratio	Lower	Upper
276	100		
277	27.7	17.9	26.9#
138	21.8	21.8	32.8#

Manual Integrations
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