

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092418\
 Data File : BF109260.D
 Acq On : 24 Sep 2018 12:04
 Operator : JU/SJ
 Sample : J5023-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NB-PIT-2

Manual Integrations
 APPROVED

Sohil
 9/25/2018 9:57:05 AM

Quant Time: Sep 25 08:39:22 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 22 13:32:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	115912	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	449195	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	215608	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	420268	20.00	ng	0.00
75) Chrysene-d12	13.84	240	294652	20.00	ng	0.00
86) Perylene-d12	15.24	264	323302	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	584551	83.06	ng	0.00
7) Phenol-d6	6.35	99	745795	83.05	ng	-0.01
23) Nitrobenzene-d5	7.26	82	466685	61.33	ng	-0.02
41) 2,4,6-Tribromophenol	10.52	330	197902	93.11	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	780605	54.60	ng	-0.01
78) Terphenyl-d14	12.80	244	701032	58.39	ng	0.00
Target Compounds						
10) Phenol	6.36	94	34432	3.386	ng	98
49) Dimethylphthalate	9.46	163	277240	17.679	ng	99
70) Phenanthrene	11.23	178	177998	8.483	ng	98
74) Fluoranthene	12.43	202	280082	12.490	ng	96
77) Pyrene	12.64	202	232794	11.024	ng	99
80) Benzo(a)anthracene	13.83	228	121067	6.822	ng	99
82) Chrysene	13.86	228	108889	6.190	ng	95
85) Indeno(1,2,3-cd)pyrene	16.57	276	75370	5.286	ng	# 88
87) Benzo(b)fluoranthene	14.84	252	143115m	8.056	ng	
88) Benzo(k)fluoranthene	14.87	252	54655m	3.242	ng	
89) Benzo(a)pyrene	15.18	252	111805	6.984	ng	98
91) Benzo(a,h,i)perylene	16.98	276	66314	5.138	ng	# 92

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

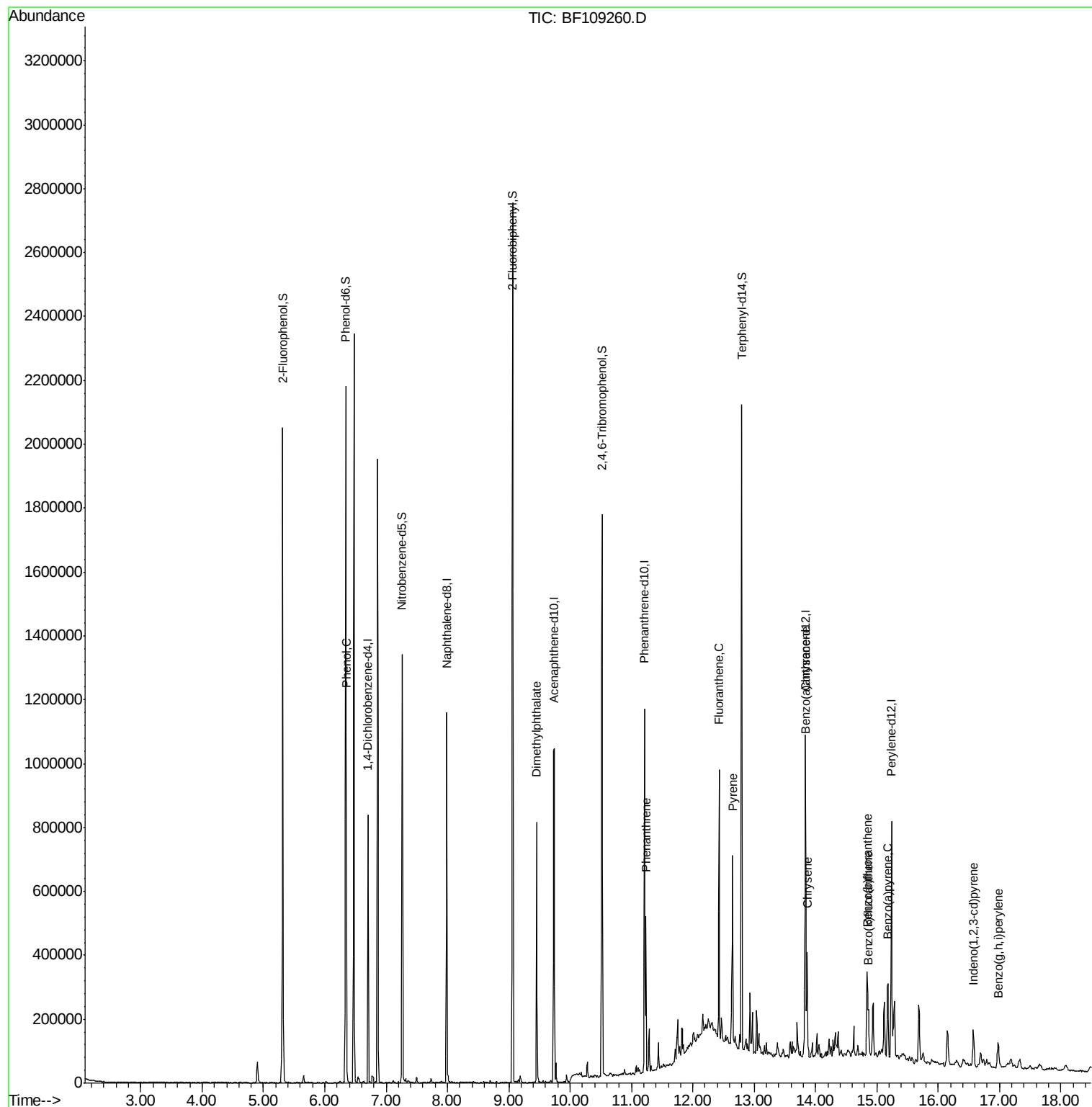
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092418\
Data File : BF109260.D
Acq On : 24 Sep 2018 12:04
Operator : JU/SJ
Sample : J5023-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Manual Integrations
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 22 13:32:18 2018
Response via : Initial Calibration





#1

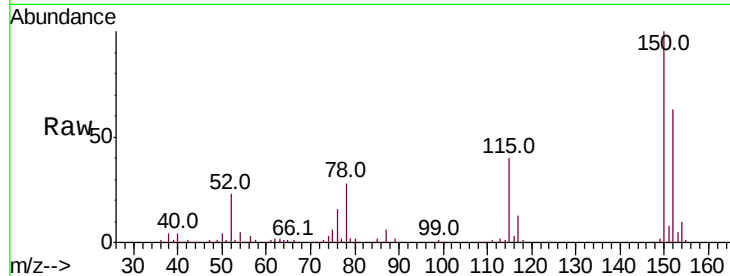
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109260.D
Acq: 24 Sep 2018 12:04

Instrument :
BNA_F
ClientSampled :
NB-PIT-2

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.9	124.6	186.8
115	63.8	50.1	75.1

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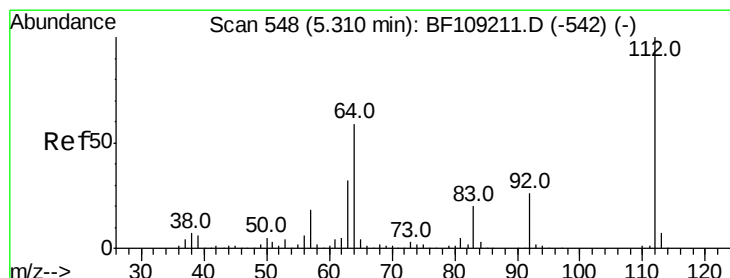
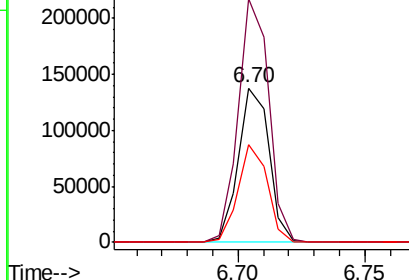
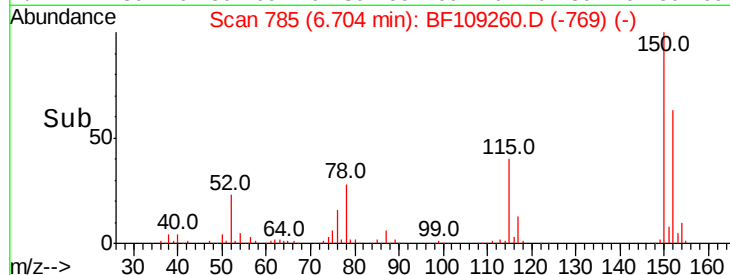


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

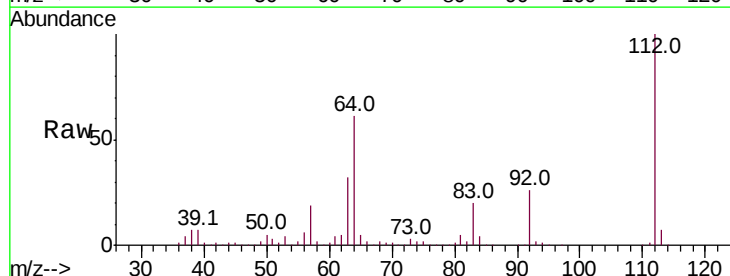
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 83.063 ng
RT: 5.32 min Scan# 549
Delta R.T. -0.00 min
Lab File: BF109260.D
Acq: 24 Sep 2018 12:04

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.7	47.9	71.9
63	32.3	23.7	35.5

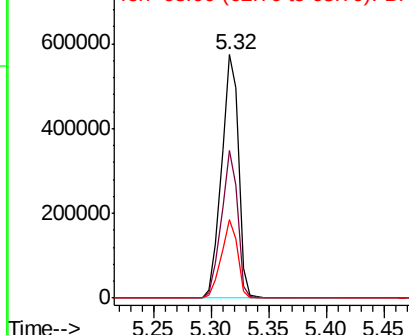
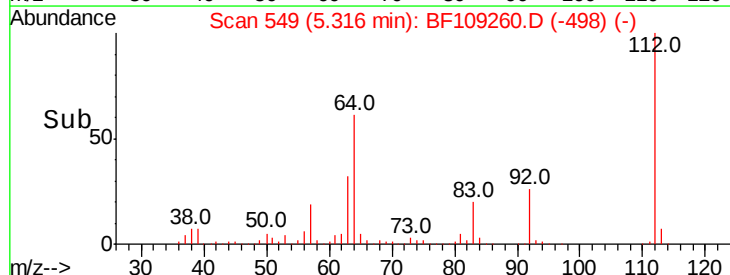


Abundance

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: 83.050 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF109260.D

Acq: 24 Sep 2018 12:04

Instrument :

BNA_F

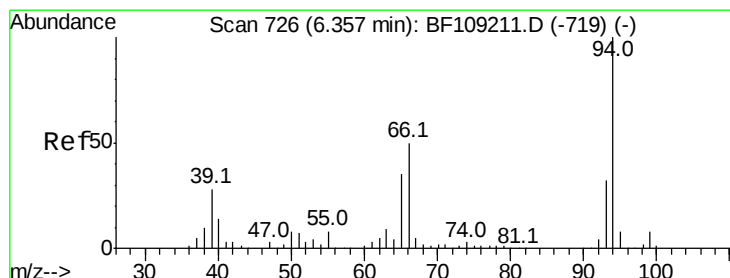
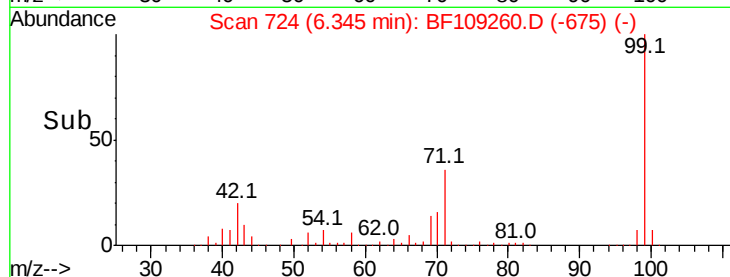
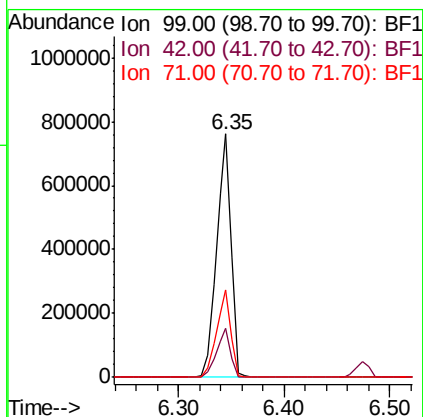
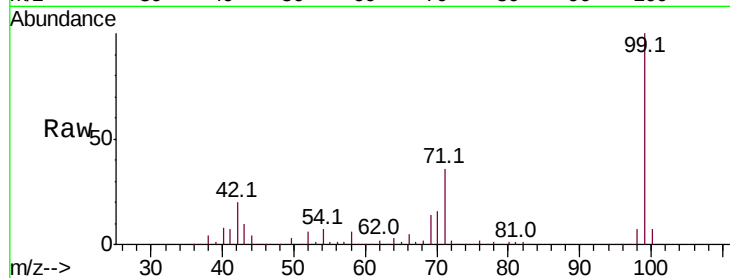
ClientSampled :

NB-PIT-2

Tot Ion:	99	Resp:	745795
Ion Ratio	Lower	Upper	
99	100		
42	19.9	14.5	21.7
71	36.0	25.4	38.0

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#10

Phenol

Concen: 3.386 ng

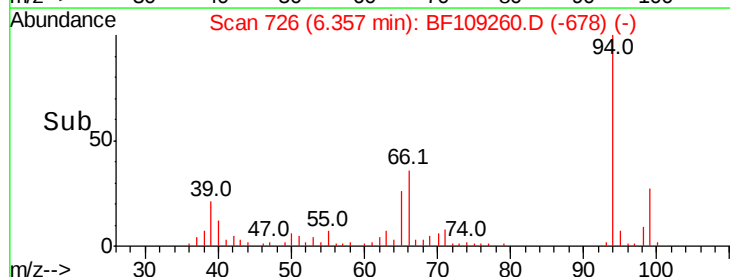
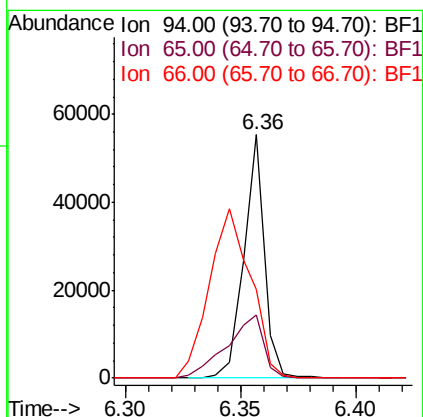
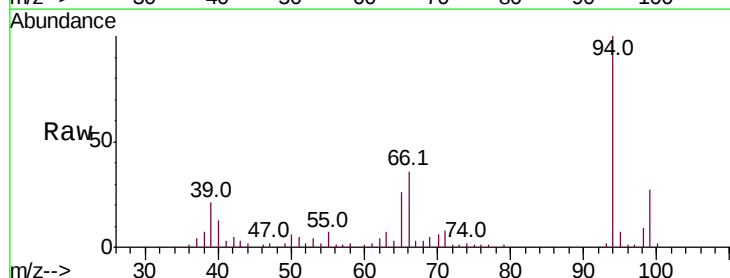
RT: 6.36 min Scan# 726

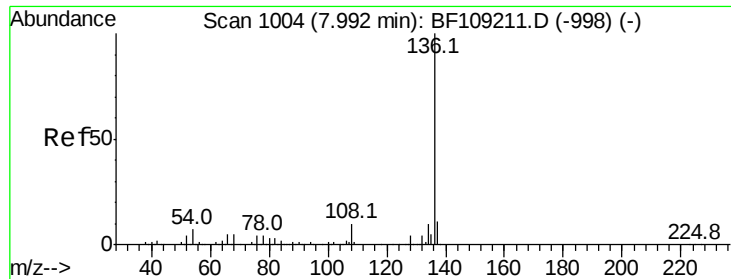
Delta R.T. -0.02 min

Lab File: BF109260.D

Acq: 24 Sep 2018 12:04

Tgt Ion:	94	Resp:	34432
Ion Ratio	Lower	Upper	
94	100		
65	26.1	7.9	47.9
66	36.4	16.2	56.2





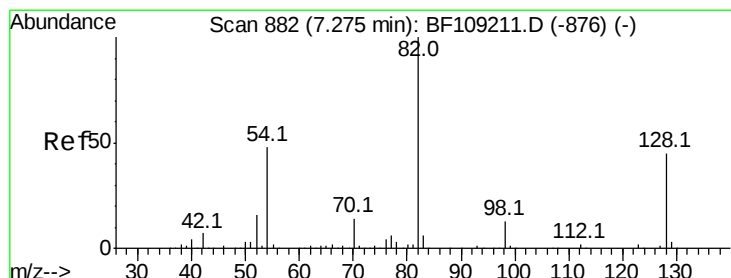
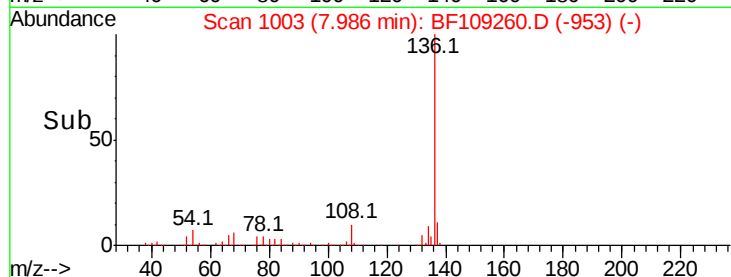
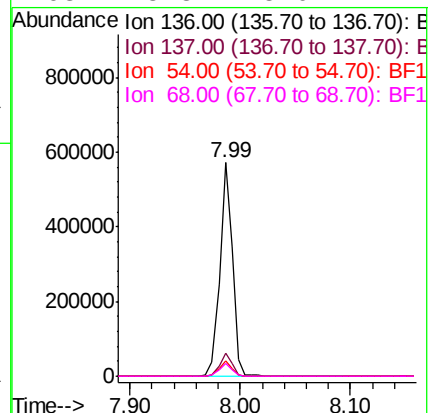
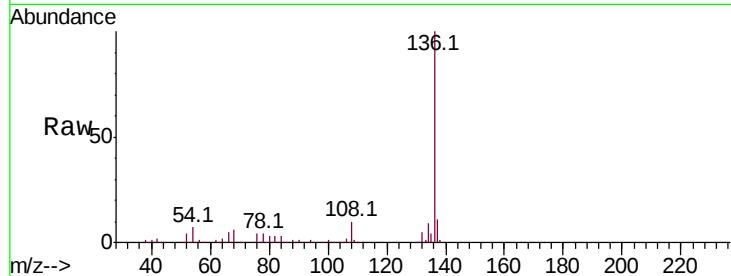
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF109260.D
Acq: 24 Sep 2018 12:04

Instrument :
BNA_F
ClientSampleId :
NB-PIT-2

Tot Ion	Ratio	Resp	Lower	Upper
136	100	449195		
137	11.1	8.9	13.3	
54	7.3	6.6	9.8	
68	5.8	5.0	7.4	

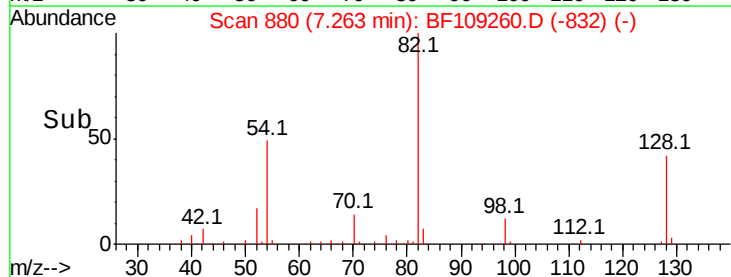
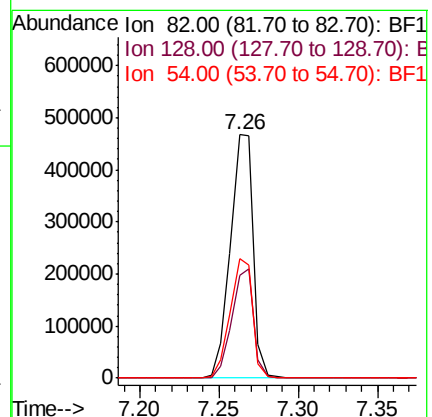
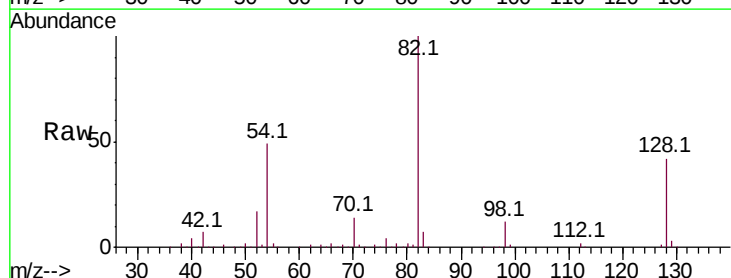
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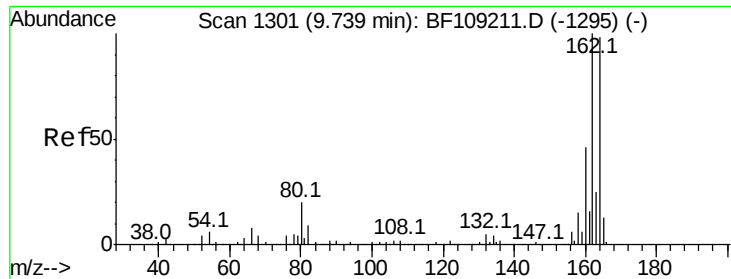
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#23
Nitrobenzene-d5
Concen: 61.330 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.02 min
Lab File: BF109260.D
Acq: 24 Sep 2018 12:04

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	466685		
128	42.0	36.1	54.1	
54	49.1	41.4	62.2	





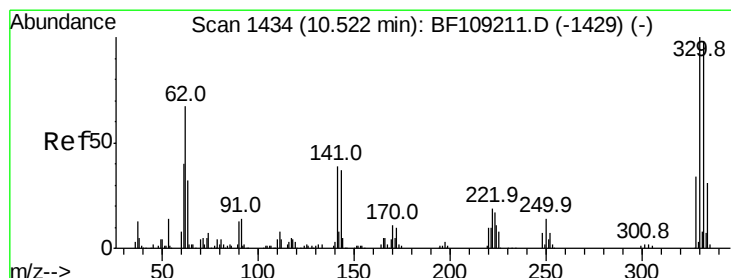
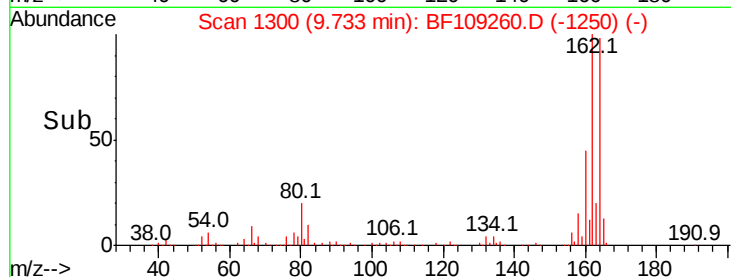
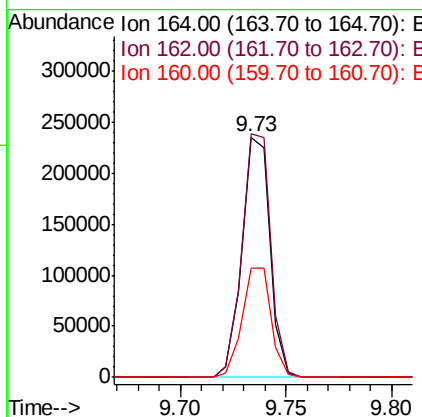
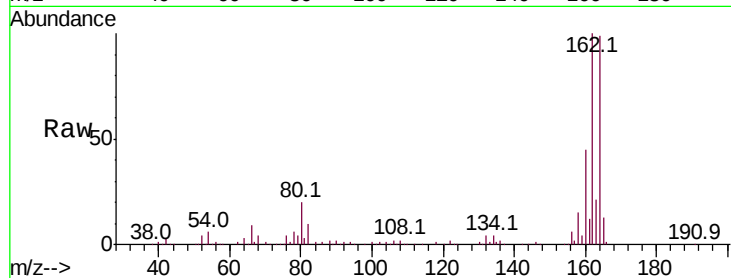
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.01 min
 Lab File: BF109260.D
 Acq: 24 Sep 2018 12:04

Instrument :
 BNA_F
 ClientSampleId :
 NB-PIT-2

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.4	86.1	129.1
160	45.5	38.3	57.5

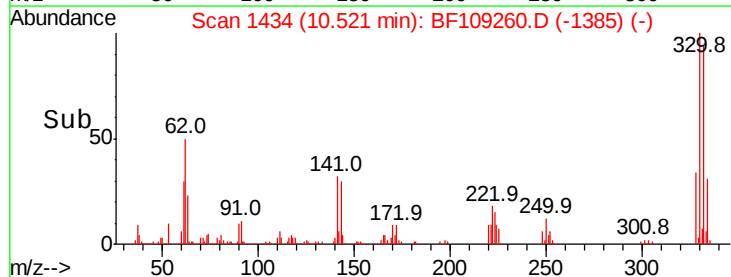
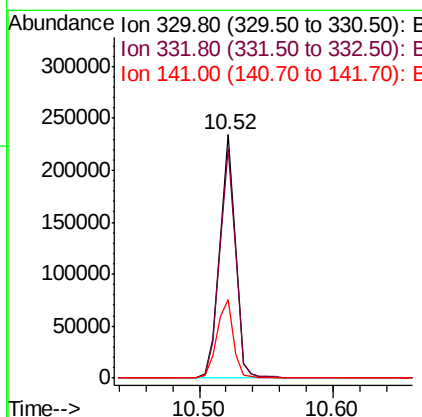
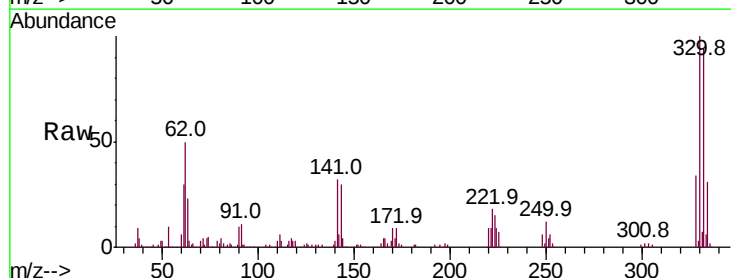
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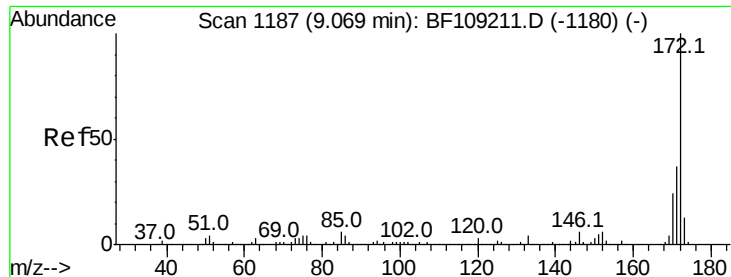
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#41
 2,4,6-Tribromophenol
 Concen: 93.111 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF109260.D
 Acq: 24 Sep 2018 12:04

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.0	115.6
141	33.5	29.9	44.9





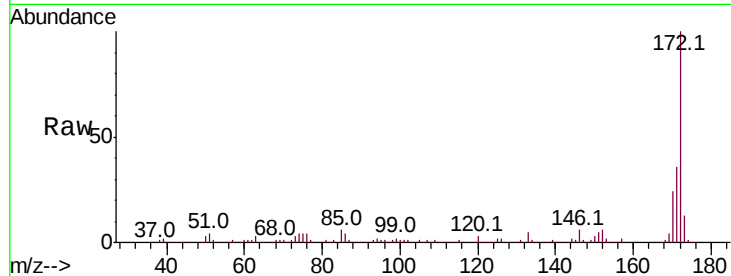
#44
2-Fluorobiphenyl
Concen: 54.604 ng
RT: 9.06 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF109260.D
Acq: 24 Sep 2018 12:04

Instrument :
BNA_F
ClientSampleId :
NB-PIT-2

Tot Ion	Ratio	Resp	Lower	Upper
172	100			
171	36.1	29.7	44.5	
170	24.0	19.6	29.4	

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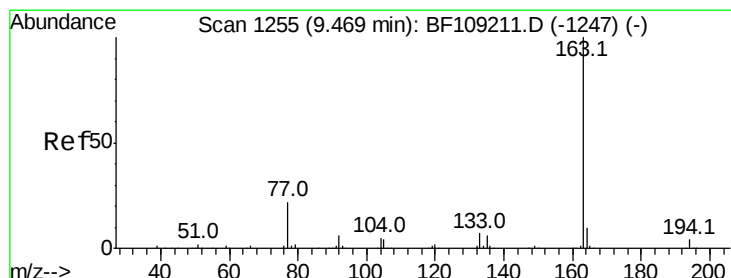
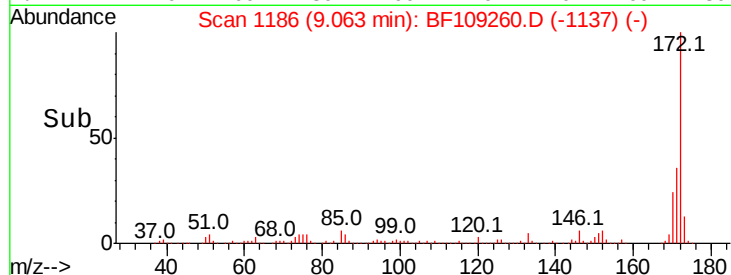
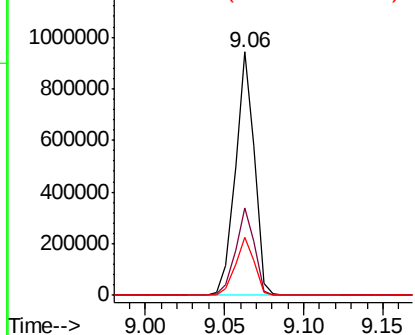


Abundance

Ion 172.00 (171.70 to 172.70): E

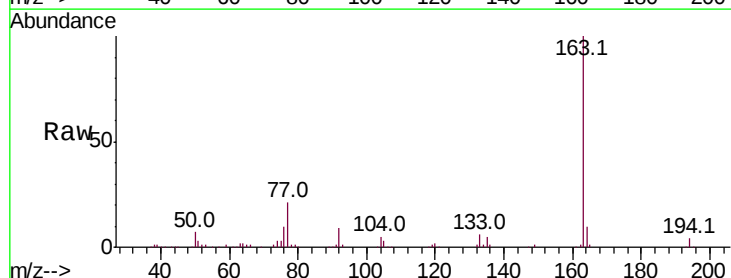
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#49
Dimethylphthalate
Concen: 17.679 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF109260.D
Acq: 24 Sep 2018 12:04

Tgt Ion	Ratio	Resp	Lower	Upper
163	100			
194	4.0	2.7	4.1	
164	9.8	8.2	12.2	

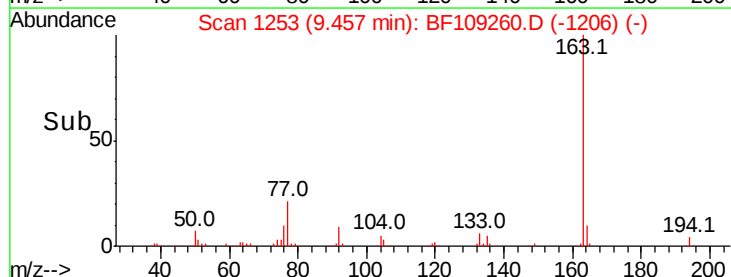
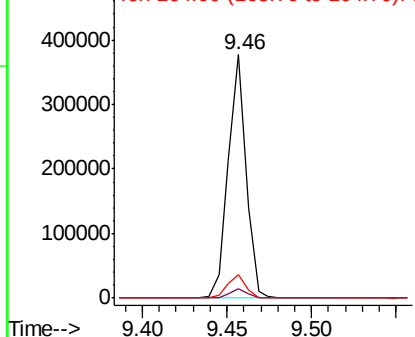


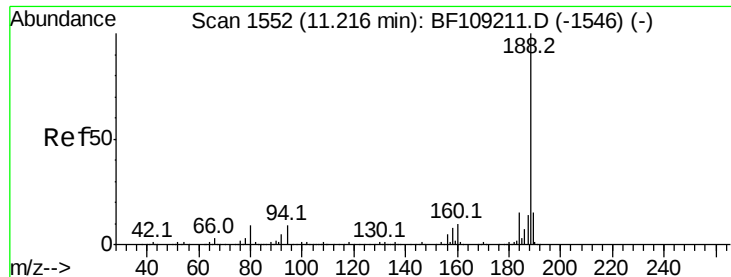
Abundance

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





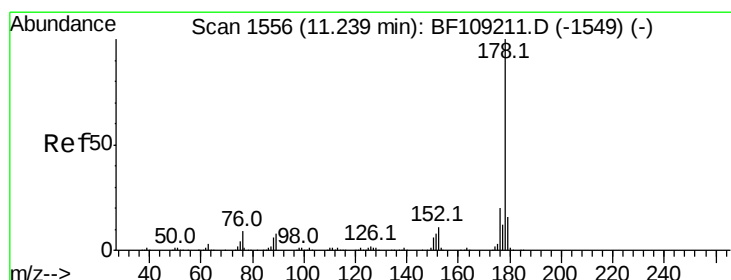
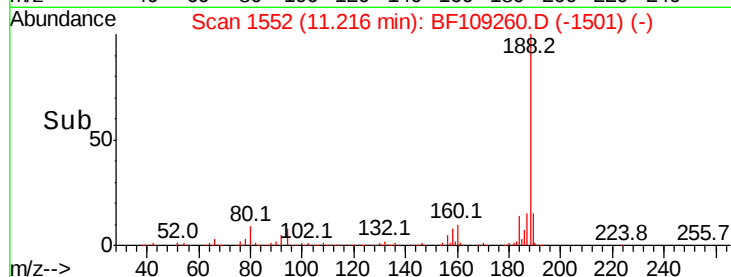
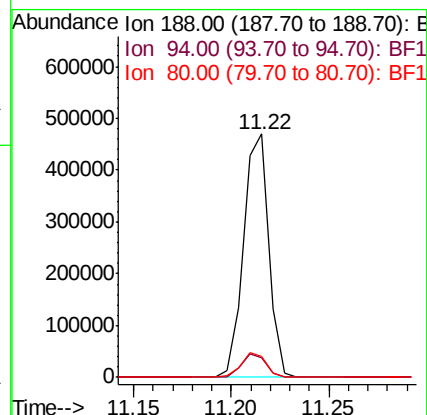
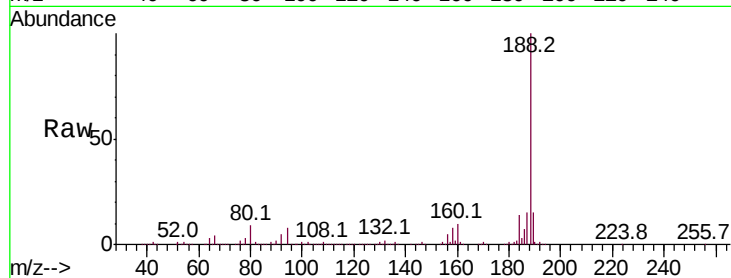
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1552
Delta R.T. -0.00 min
Lab File: BF109260.D
Acq: 24 Sep 2018 12:04

Instrument :
BNA_F
ClientSampled :
NB-PIT-2

Tot Ion	Ratio	Resp	Lower	Upper
188	100	420268		
94	8.2		8.5	12.7#
80	8.6		9.2	13.8#

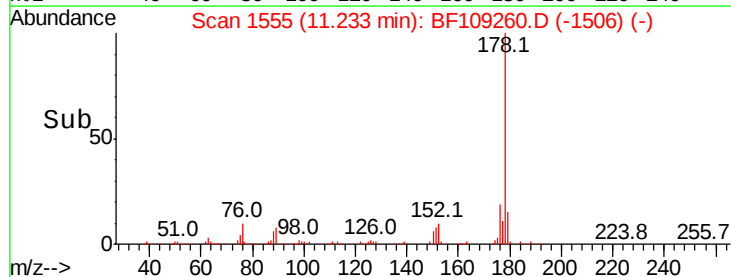
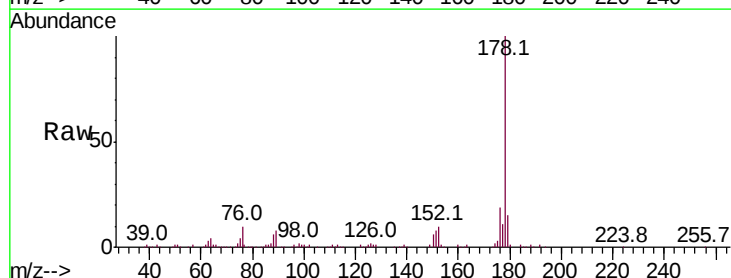
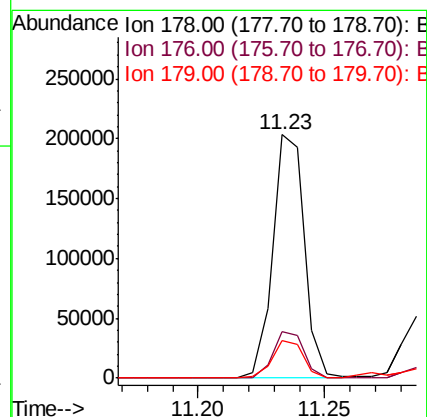
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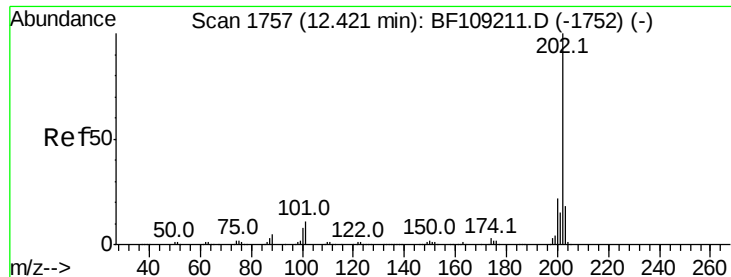
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#70
Phenanthrene
Concen: 8.483 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF109260.D
Acq: 24 Sep 2018 12:04

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	177998		
176	19.0		15.8	23.8
179	15.3		13.0	19.6





#74

Fluoranthene

Concen: 12.490 ng

RT: 12.43 min Scan# 1758

Delta R.T. -0.00 min

Lab File: BF109260.D

Acq: 24 Sep 2018 12:04

Instrument :

BNA_F

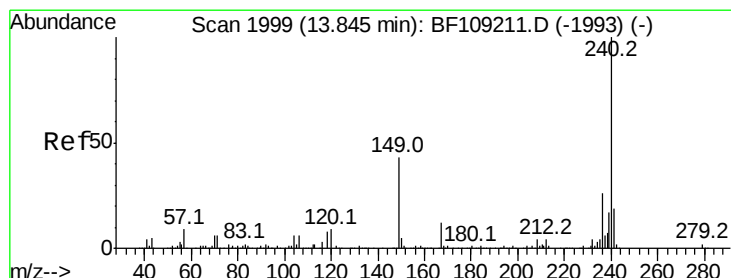
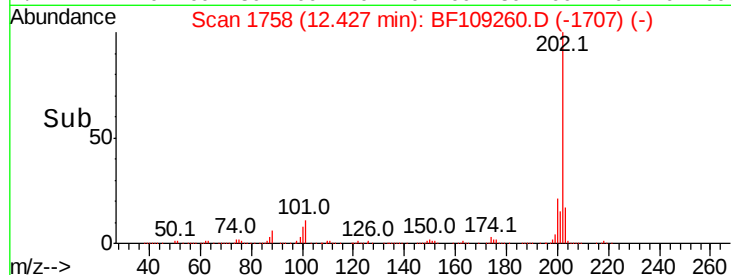
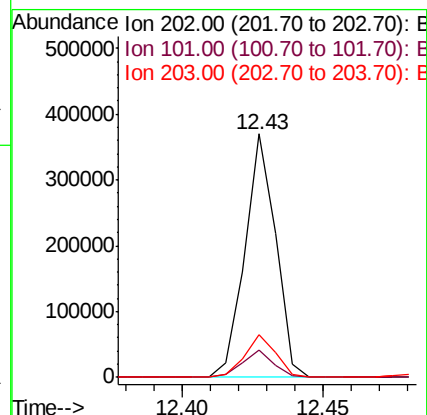
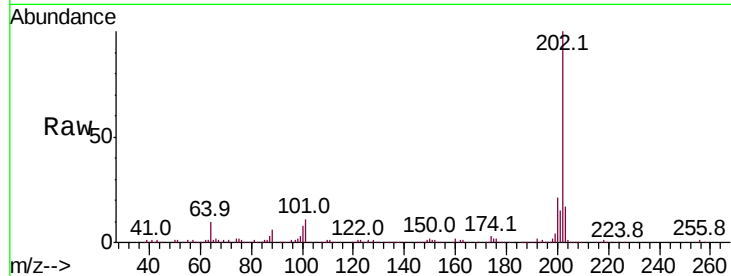
ClientSampled :

NB-PIT-2

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	11.4	0.0	34.1
203	17.3	0.0	38.1

Manual Integrations
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#75

Chrysene-d12

Concen: 20.000 ng

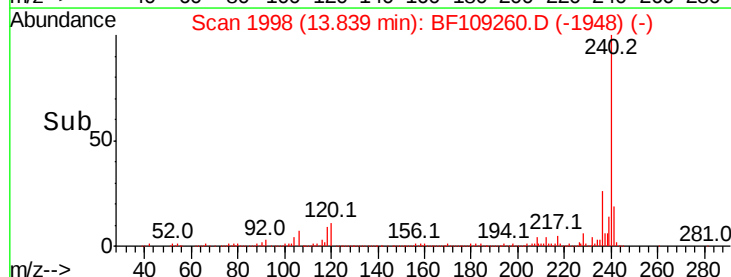
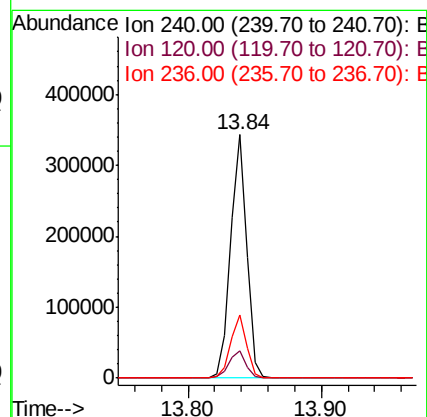
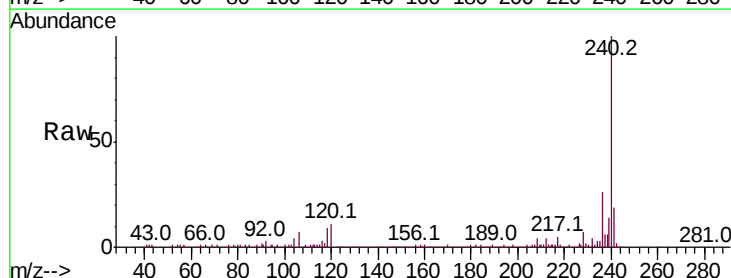
RT: 13.84 min Scan# 1998

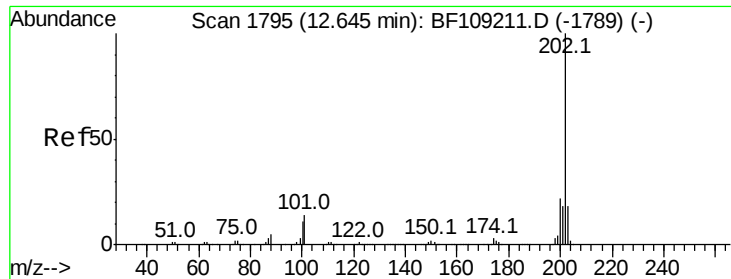
Delta R.T. -0.01 min

Lab File: BF109260.D

Acq: 24 Sep 2018 12:04

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	11.1	9.5	14.3
236	25.7	20.7	31.1





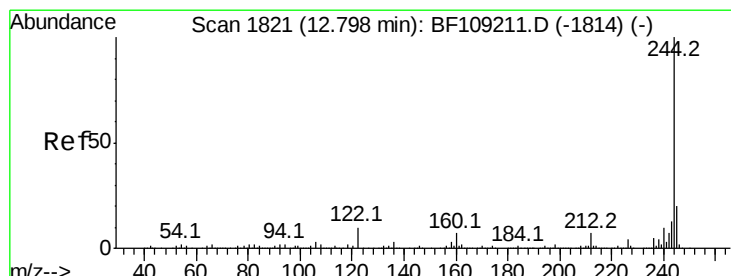
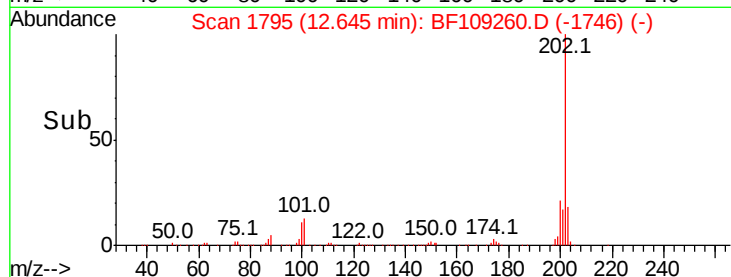
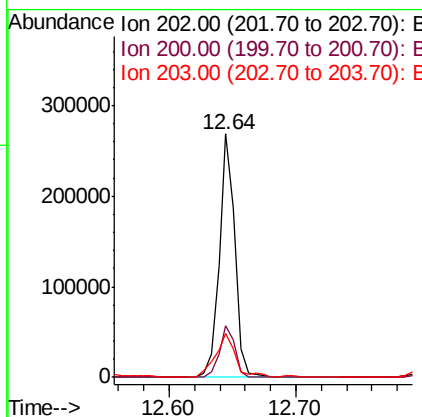
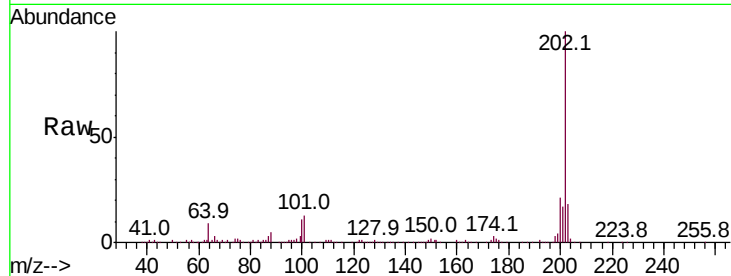
#77
Pvrene
Concen: 11.024 ng
RT: 12.64 min Scan# 1795
Delta R.T. -0.01 min
Lab File: BF109260.D
Acq: 24 Sep 2018 12:04

Instrument :
BNA_F
ClientSampleId :
NB-PIT-2

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.4	26.2
203	18.1	14.3	21.5

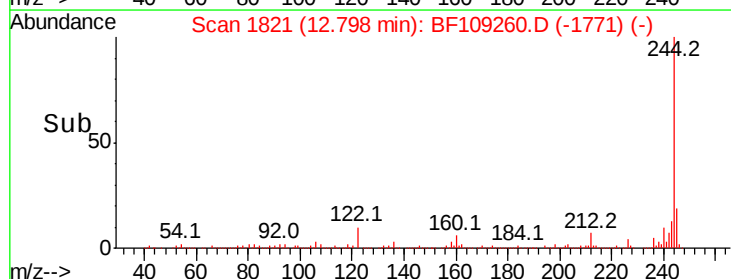
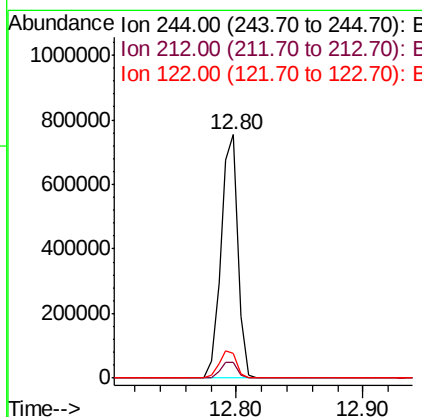
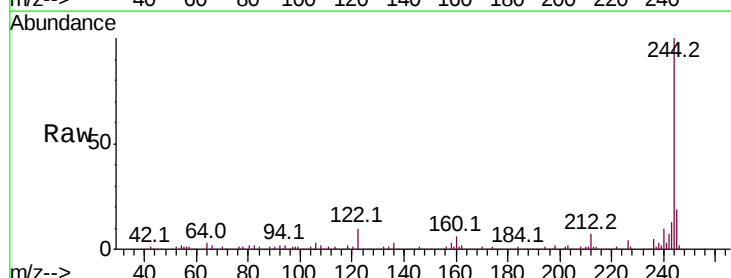
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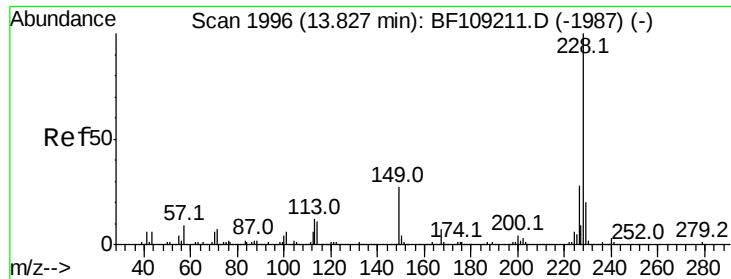
Sohil
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#78
Terphenyl-d14
Concen: 58.389 ng
RT: 12.80 min Scan# 1821
Delta R.T. -0.01 min
Lab File: BF109260.D
Acq: 24 Sep 2018 12:04

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.0
122	10.0	11.0	16.4





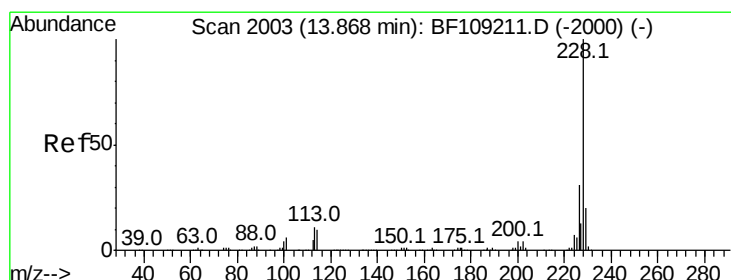
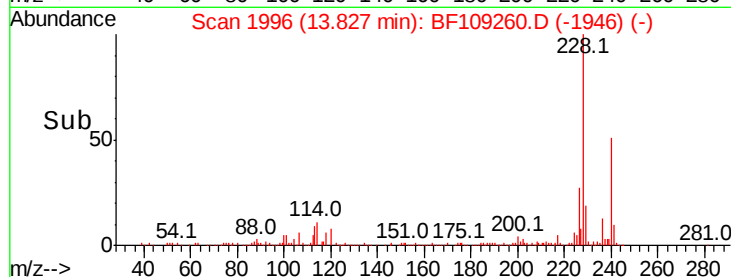
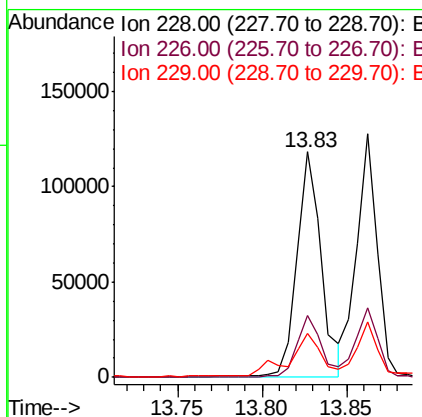
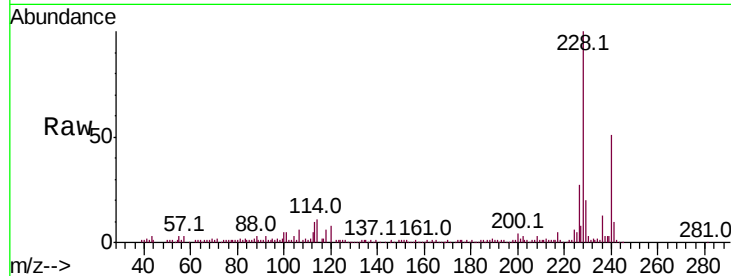
#80
Benzo(a)anthracene
Concen: 6.822 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BF109260.D
Acq: 24 Sep 2018 12:04

Instrument :
BNA_F
ClientSampleId :
NB-PIT-2

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.3	22.6	33.8
229	19.7	15.8	23.6

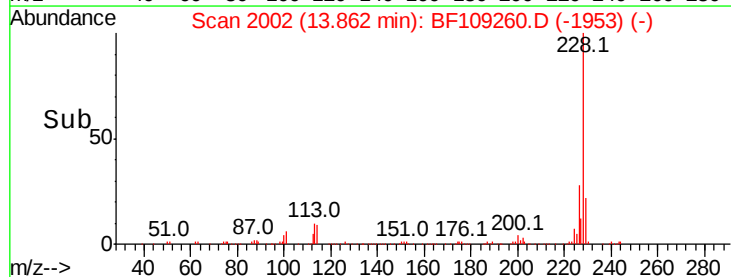
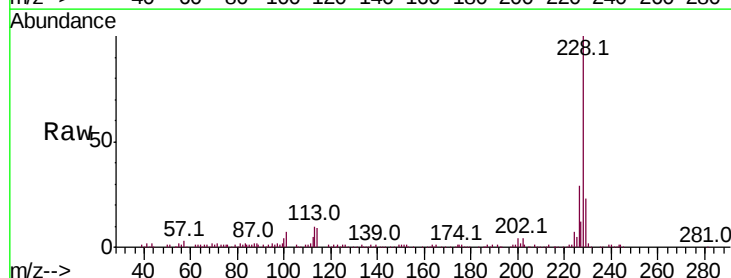
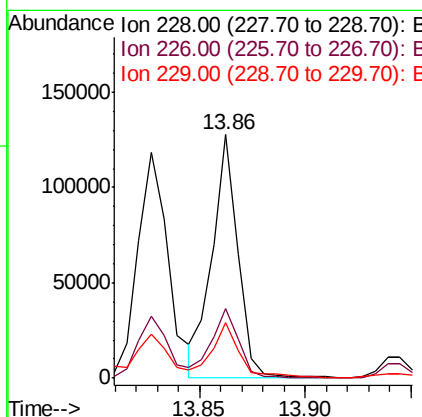
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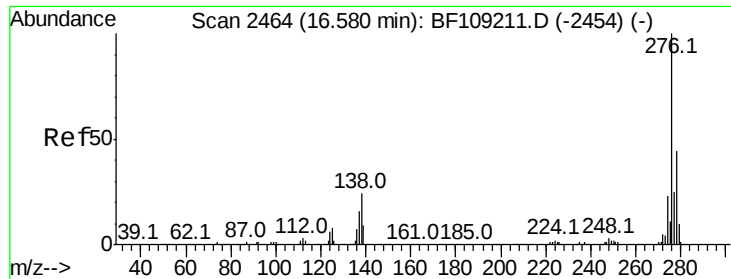
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#82
Chrysene
Concen: 6.190 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF109260.D
Acq: 24 Sep 2018 12:04

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.7	25.0	37.6
229	22.9	16.2	24.4





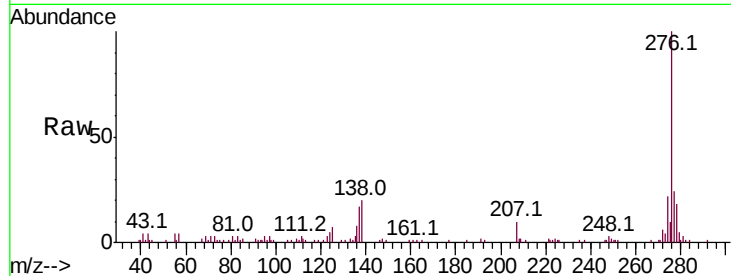
#85
Indeno(1,2,3-cd)pyrene
Concen: 5.286 ng
RT: 16.57 min Scan# 2463
Delta R.T. -0.02 min
Lab File: BF109260.D
Acq: 24 Sep 2018 12:04

Instrument :
BNA_F
ClientSampled :
NB-PIT-2

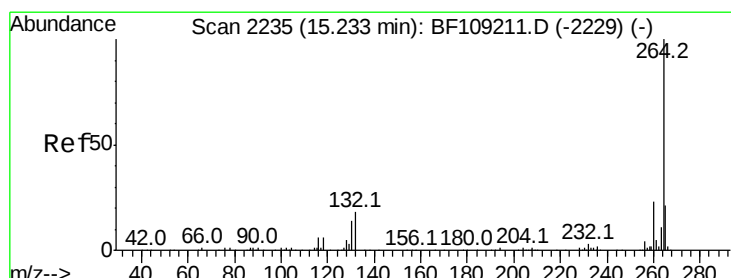
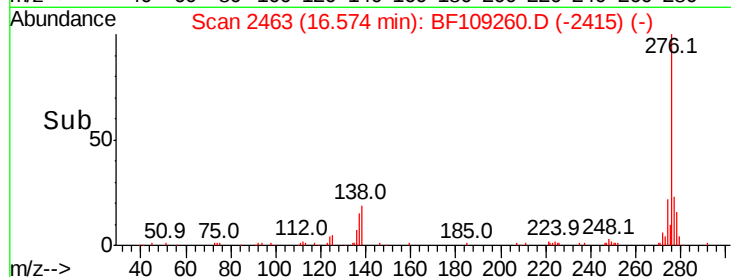
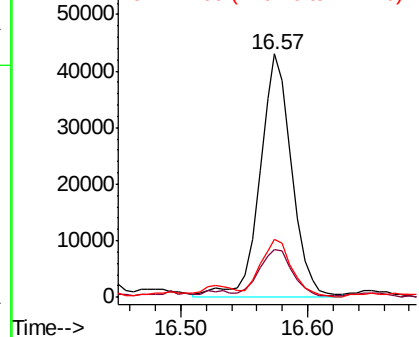
Tot Ion	Ratio	Lower	Upper
276	100		
138	20.1	25.0	37.6#
277	24.0	20.1	30.1

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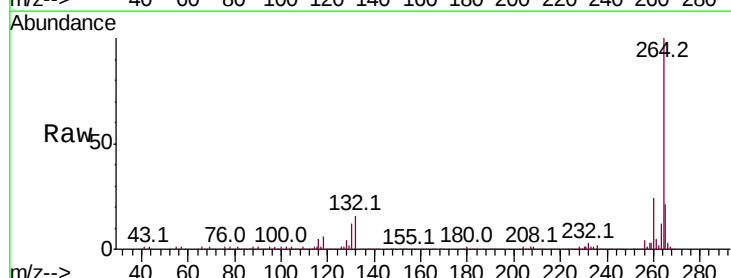


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

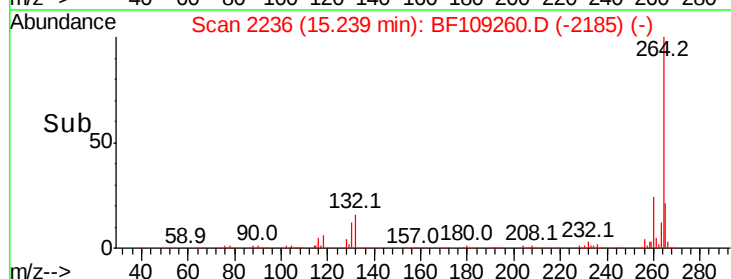
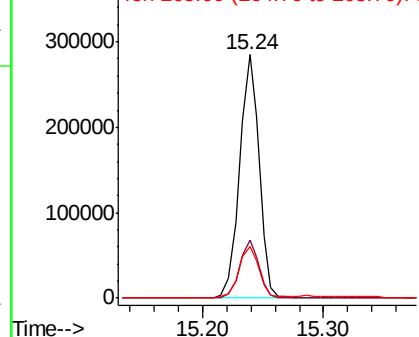


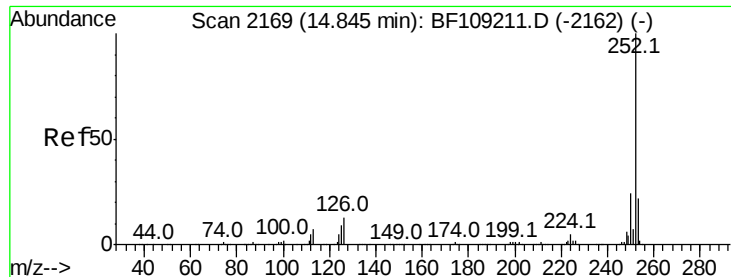
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.24 min Scan# 2236
Delta R.T. -0.00 min
Lab File: BF109260.D
Acq: 24 Sep 2018 12:04

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.3	17.5	26.3



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





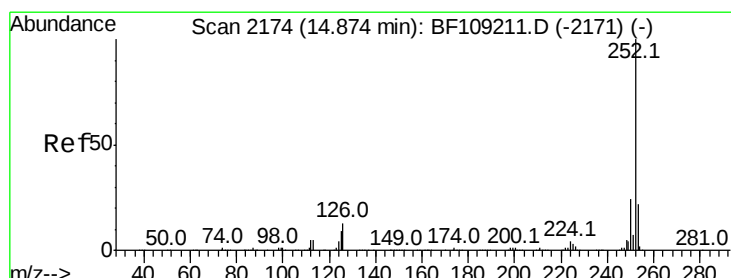
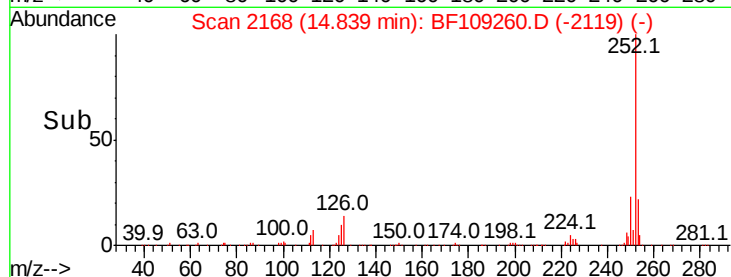
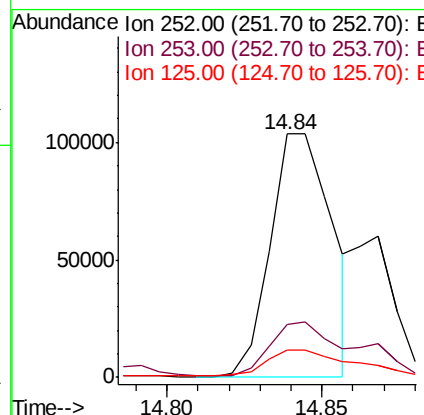
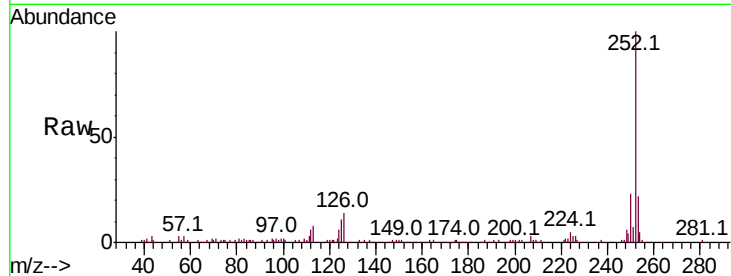
#87
Benzo(b)fluoranthene
Concen: 8.056 ng m
RT: 14.84 min Scan# 2168
Delta R.T. -0.01 min
Lab File: BF109260.D
Acq: 24 Sep 2018 12:04

Instrument :
BNA_F
ClientSampled :
NB-PIT-2

Tot Ion:	252	Resp:	143115
Ion Ratio	Lower	Upper	
252	100		
253	21.9	17.0	25.6
125	11.0	9.0	13.6

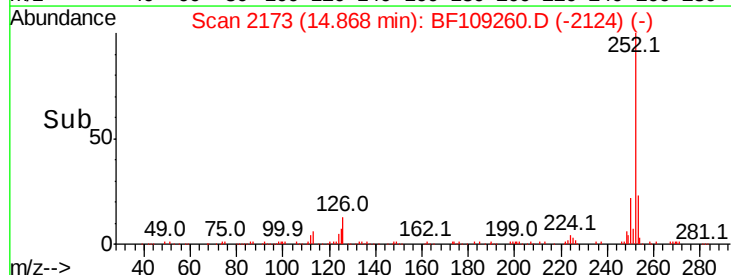
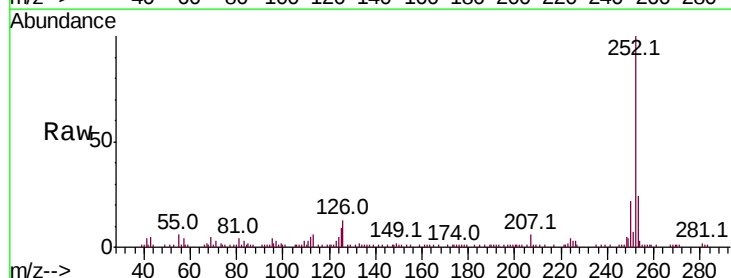
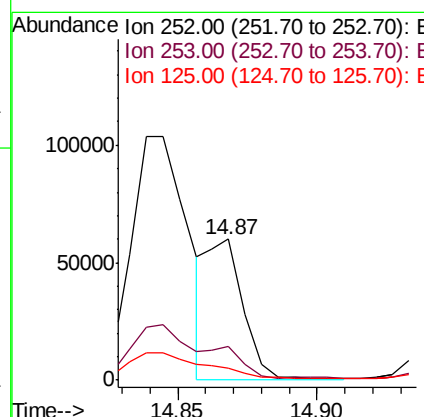
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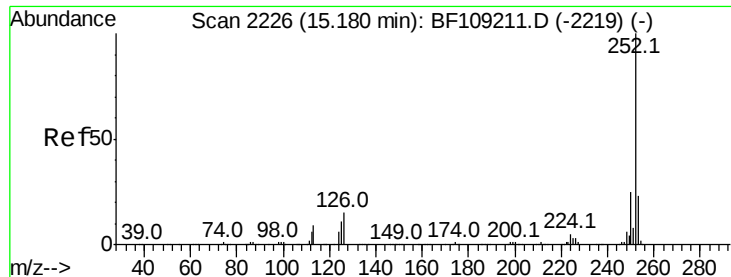
Sohil
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#88
Benzo(k)fluoranthene
Concen: 3.242 ng m
RT: 14.87 min Scan# 2173
Delta R.T. -0.01 min
Lab File: BF109260.D
Acq: 24 Sep 2018 12:04

Tgt Ion:	252	Resp:	54655
Ion Ratio	Lower	Upper	
252	100		
253	23.9	17.9	26.9
125	8.8	10.2	15.2#





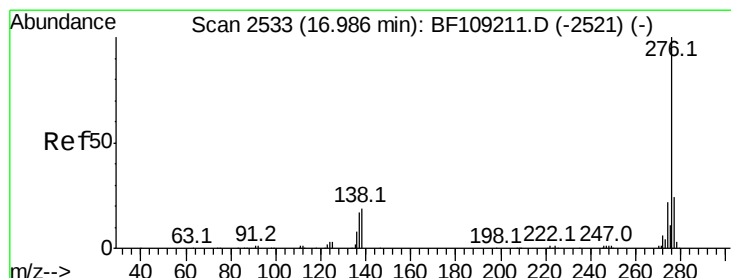
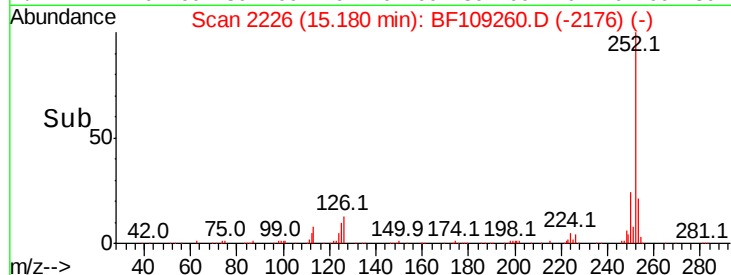
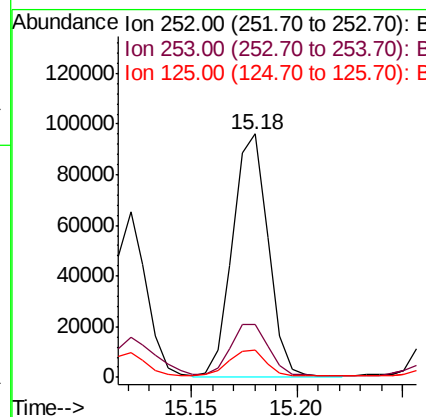
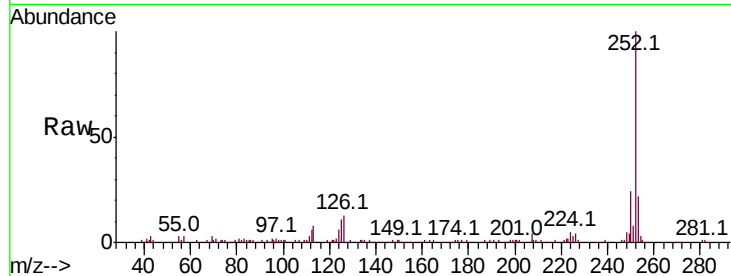
#89
Benzo(a)pyrene
Concen: 6.984 ng
RT: 15.18 min Scan# 2226
Delta R.T. -0.01 min
Lab File: BF109260.D
Acq: 24 Sep 2018 12:04

Instrument :
BNA_F
ClientSampleId :
NB-PIT-2

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.1	25.7
125	11.0	9.8	14.6

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 5.138 ng
RT: 16.98 min Scan# 2532
Delta R.T. -0.02 min
Lab File: BF109260.D
Acq: 24 Sep 2018 12:04

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.6	17.9	26.9
138	20.8	21.8	32.8#

