

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022718\
 Data File : BF103260.D
 Acq On : 27 Feb 2018 14:02
 Operator : SJ/JU
 Sample : J1702-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-03-003-A

Manual Integrations
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Quant Time: Feb 27 17:13:09 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 23 02:43:46 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	158722	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	665399	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	293303	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	476129	20.00	ng	0.00
75) Chrysene-d12	14.05	240	311896	20.00	ng	0.00
86) Perylene-d12	15.55	264	328399	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1009119	96.16	ng	0.01
7) Phenol-d6	6.51	99	1214045	94.54	ng	0.00
23) Nitrobenzene-d5	7.44	82	793278	68.08	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	235056	94.68	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1073421	58.39	ng	0.00
78) Terphenyl-d14	12.99	244	817862	63.03	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.62	163	149416	6.350	ng	98
70) Phenanthrene	11.42	178	63596	2.427	ng	97
74) Fluoranthene	12.62	202	110340	4.191	ng	98
77) Pyrene	12.84	202	110486	4.544	ng	97
80) Benzo(a)anthracene	14.04	228	45498	2.248	ng	99
82) Chrysene	14.07	228	44737	2.277	ng	98
87) Benzo(b)fluoranthene	15.11	252	63133m	2.924	ng	
89) Benzo(a)pyrene	15.48	252	44828	2.325	ng	# 89

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

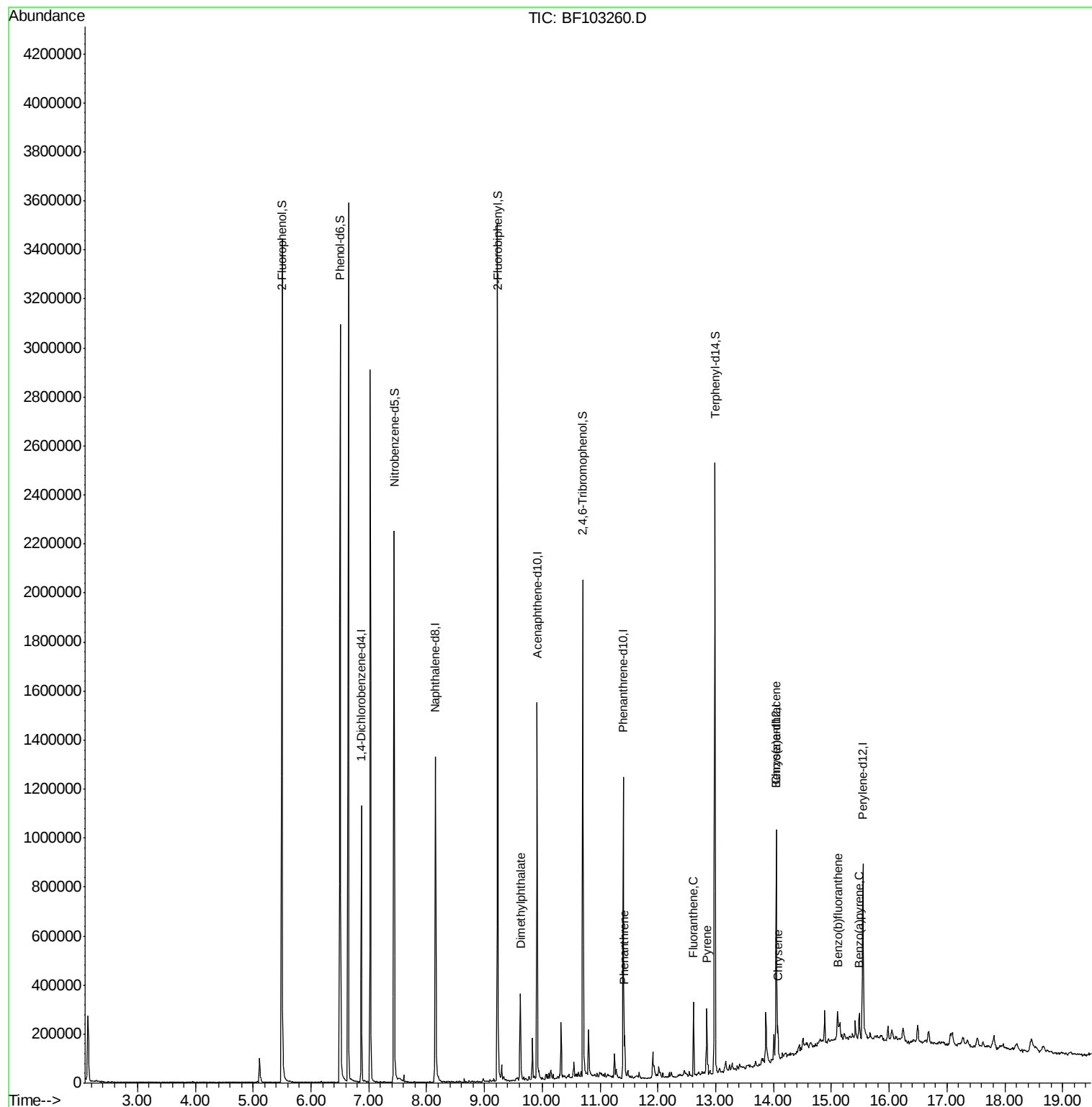
Data Path : Z:\HPCHEM1\BNA F\DATA\BF022718\
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#1

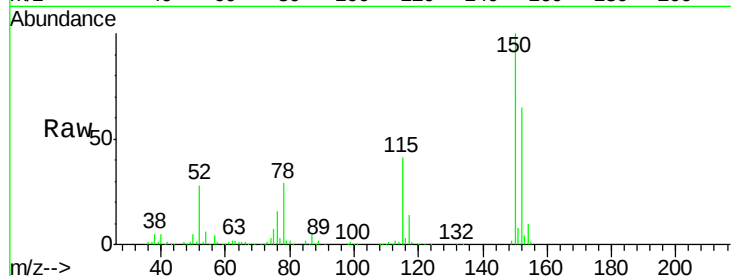
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.00 min
Lab File: BF103260.D
Acq: 27 Feb 2018 14:02

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-003-A

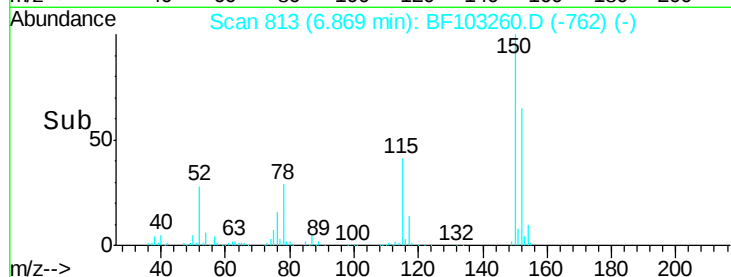
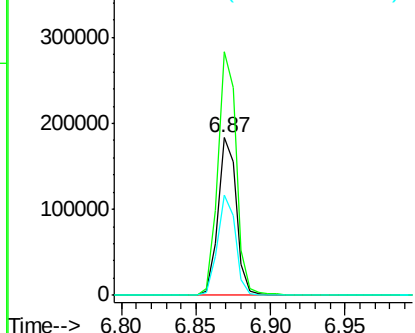
Tot Ion	Ratio	Lower	Upper
152	100		
150	154.8	124.6	186.8
115	63.5	50.1	75.1

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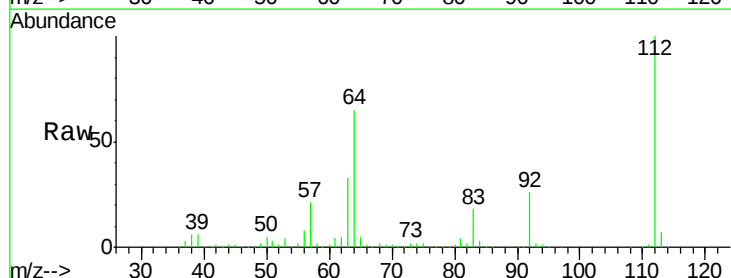
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



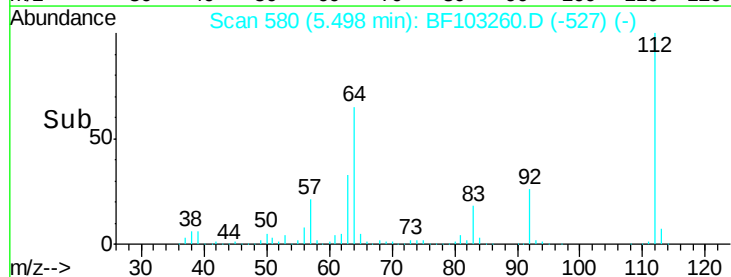
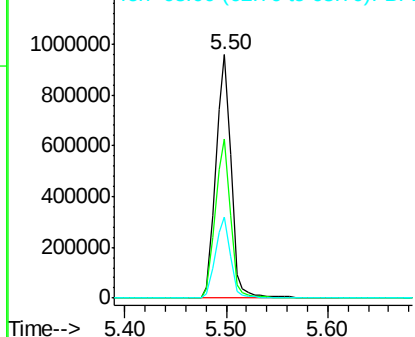
#5

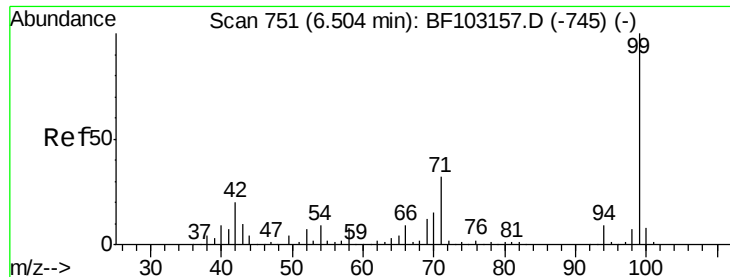
2-Fluorophenol
Concen: 96.157 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.01 min
Lab File: BF103260.D
Acq: 27 Feb 2018 14:02

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.5	47.9	71.9
63	33.4	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: 94.540 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF103260.D

Acq: 27 Feb 2018 14:02

Instrument :

BNA_F

ClientSampleId :

FK-SF-03-003-A

Tot Ion: 99 Resp: 1214045

Ion Ratio Lower Upper

99 100

42 18.4 14.5 21.7

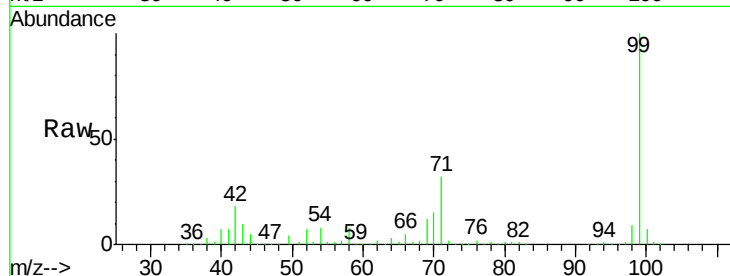
71 32.3 25.4 38.0

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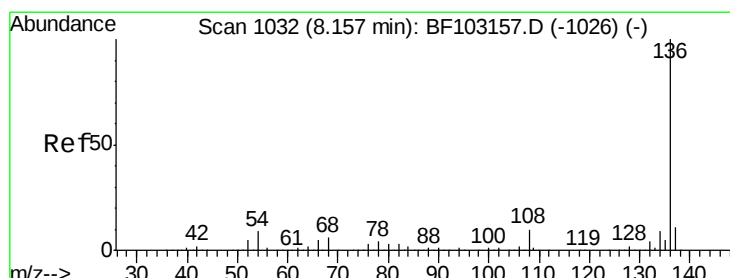
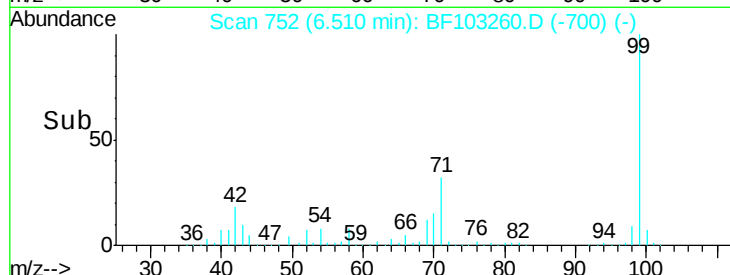
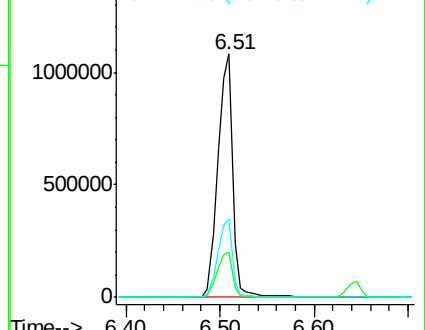
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.15 min Scan# 1031

Delta R.T. -0.01 min

Lab File: BF103260.D

Acq: 27 Feb 2018 14:02

Tgt Ion: 136 Resp: 665399

Ion Ratio Lower Upper

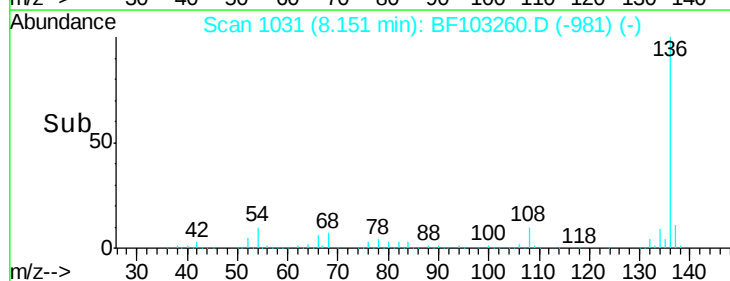
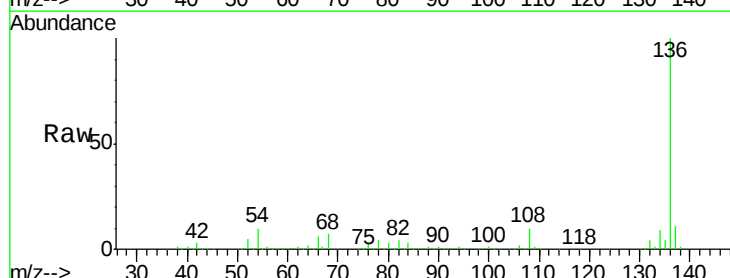
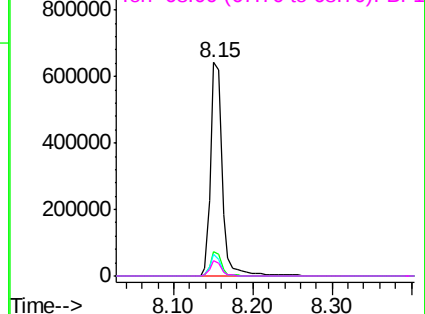
136 100

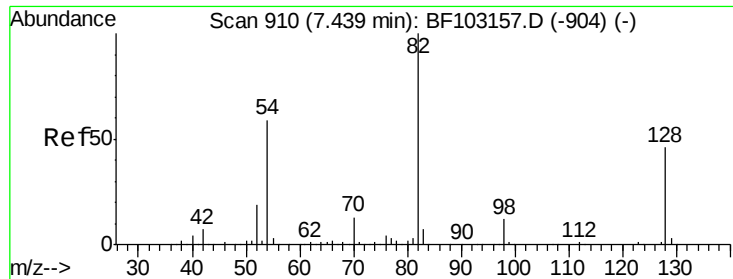
137 11.1 8.9 13.3

54 10.1 6.6 9.8#

68 7.0 5.0 7.4

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





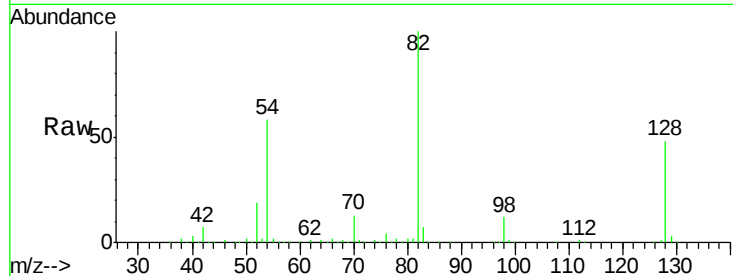
#23
Nitrobenzene-d5
Concen: 68.084 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.00 min
Lab File: BF103260.D
Acq: 27 Feb 2018 14:02

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-003-A

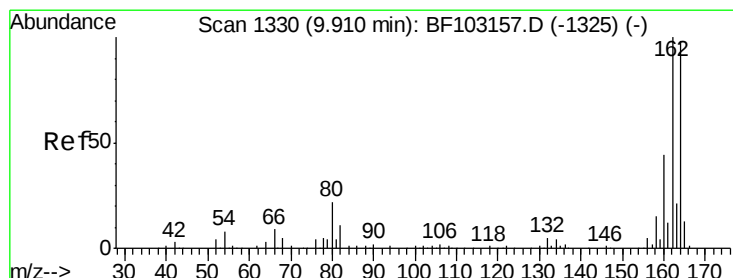
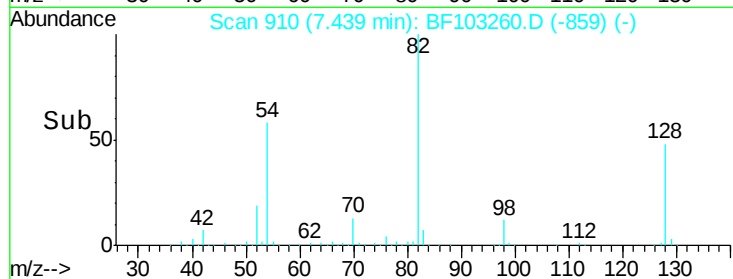
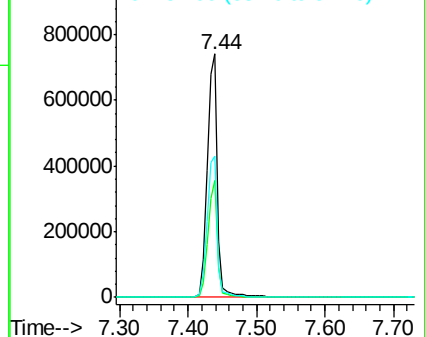
Tot Ion	Ratio	Lower	Upper
82	100		
128	47.8	36.1	54.1
54	58.1	41.4	62.2

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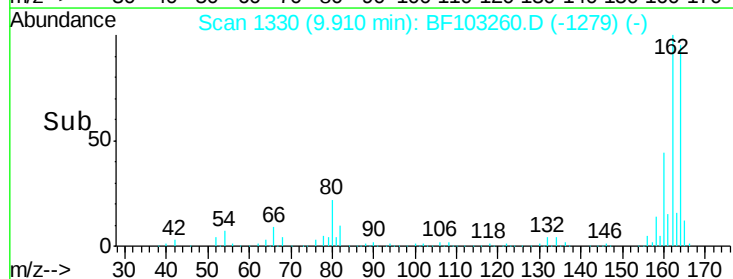
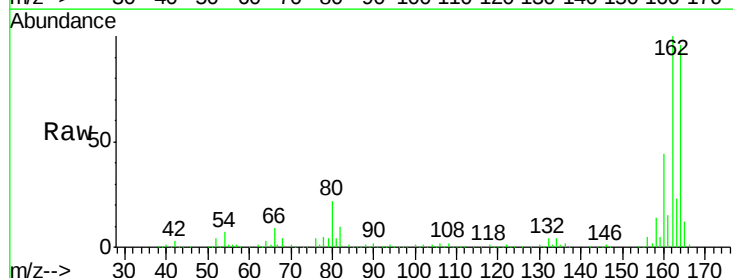
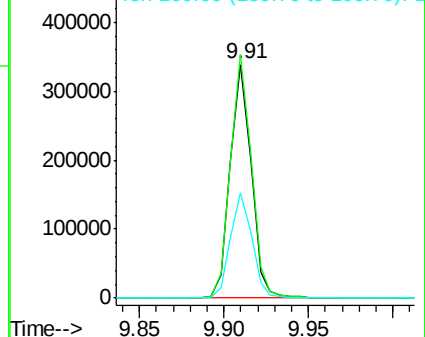
Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

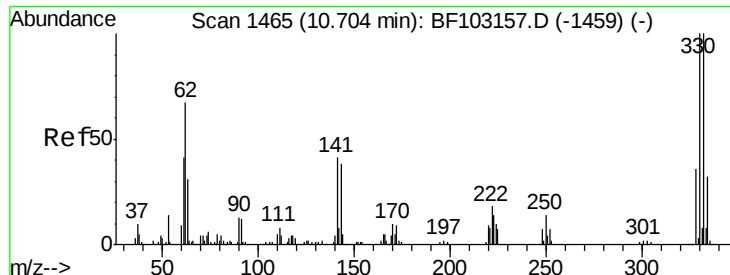


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.00 min
Lab File: BF103260.D
Acq: 27 Feb 2018 14:02

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.3	86.1	129.1
160	45.4	38.3	57.5

Abundance Ion 164.00 (163.70 to 164.70): BF1
Ion 162.00 (161.70 to 162.70): BF1
Ion 160.00 (159.70 to 160.70): BF1





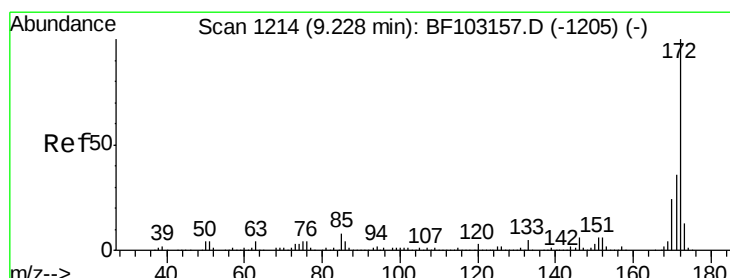
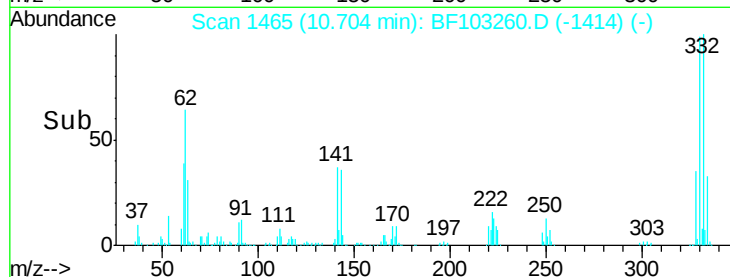
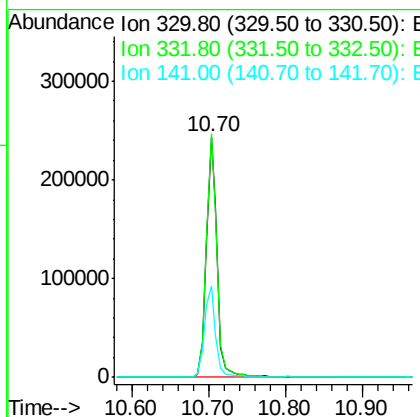
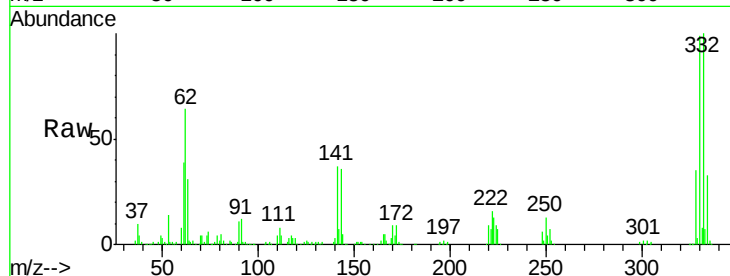
#41
 2,4,6-Tribromophenol
 Concen: 94.680 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.00 min
 Lab File: BF103260.D
 Acq: 27 Feb 2018 14:02

Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-03-003-A

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	100.0	77.0	115.6	
141	40.1	29.9	44.9	

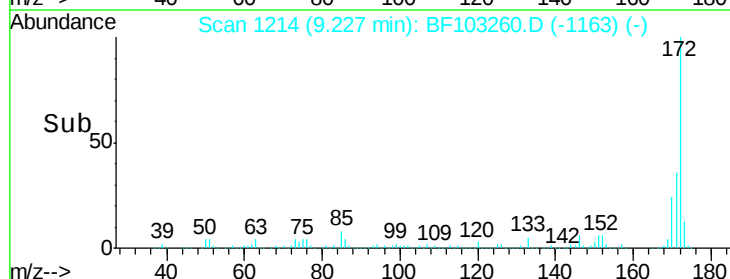
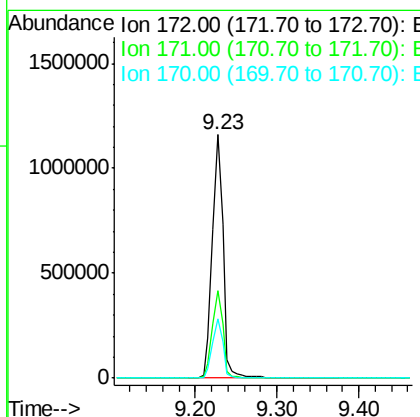
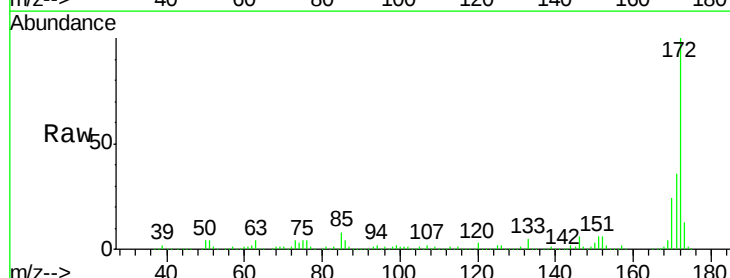
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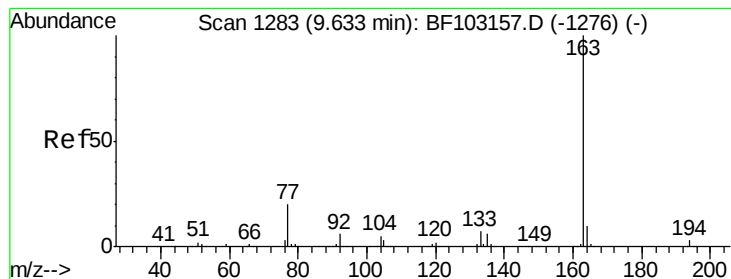
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#44
 2-Fluorobiphenyl
 Concen: 58.390 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. 0.00 min
 Lab File: BF103260.D
 Acq: 27 Feb 2018 14:02

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	36.2	29.7	44.5	
170	24.4	19.6	29.4	





#49

Dimethylphthalate

Concen: 6.350 ng

RT: 9.62 min Scan# 1281

Delta R.T. -0.01 min

Lab File: BF103260.D

Acq: 27 Feb 2018 14:02

Instrument :

BNA_F

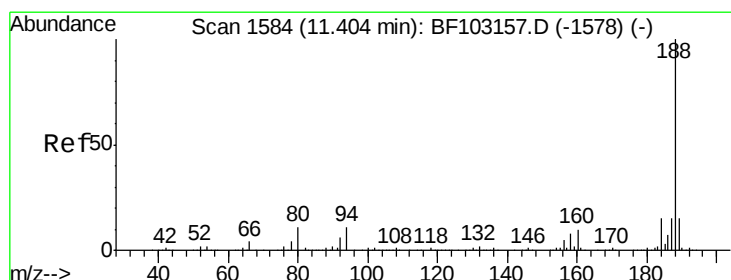
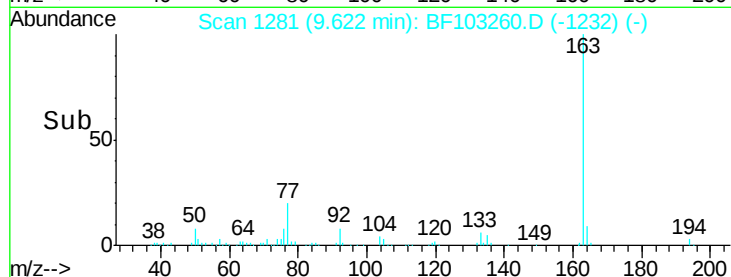
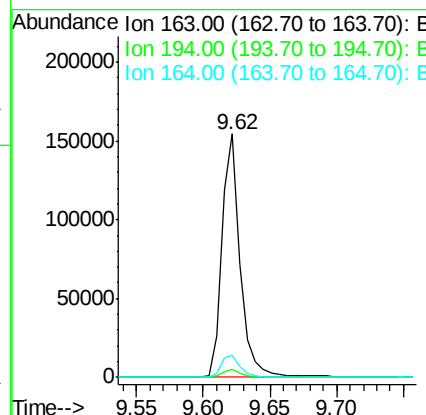
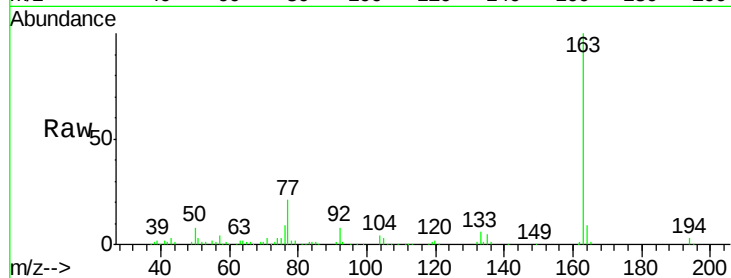
ClientSampleId :

FK-SF-03-003-A

Tot Ion:	163	Resp:	149416
Ion Ratio	Lower	Upper	
163	100		
194	3.4	2.7	4.1
164	9.3	8.2	12.2

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#63

Phenanthrene-d10

Concen: 20.000 ng

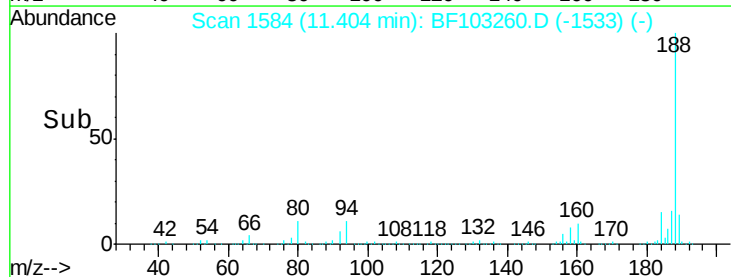
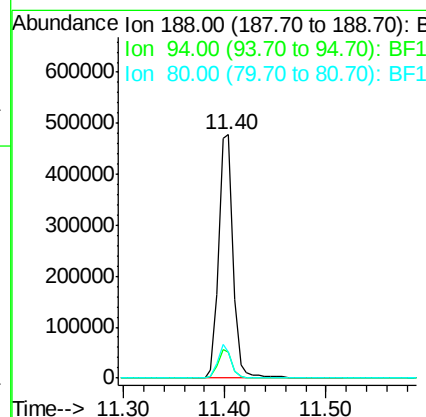
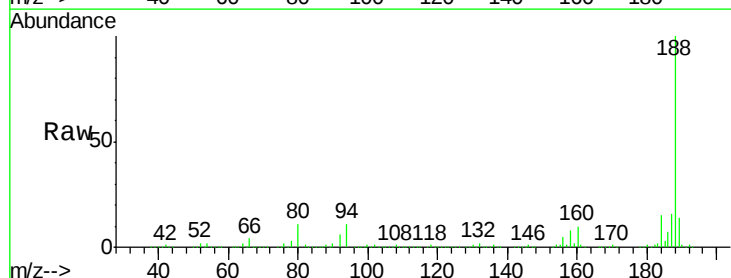
RT: 11.40 min Scan# 1584

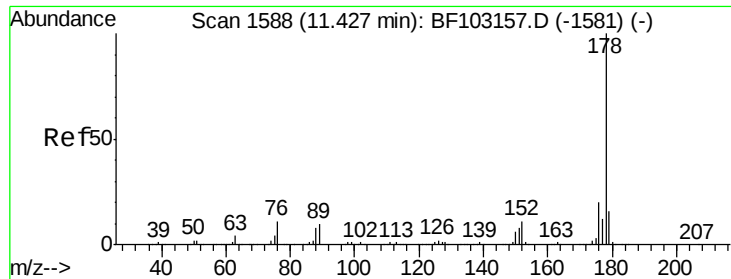
Delta R.T. -0.00 min

Lab File: BF103260.D

Acq: 27 Feb 2018 14:02

Tgt Ion:	188	Resp:	476129
Ion Ratio	Lower	Upper	
188	100		
94	10.7	8.5	12.7
80	10.8	9.2	13.8





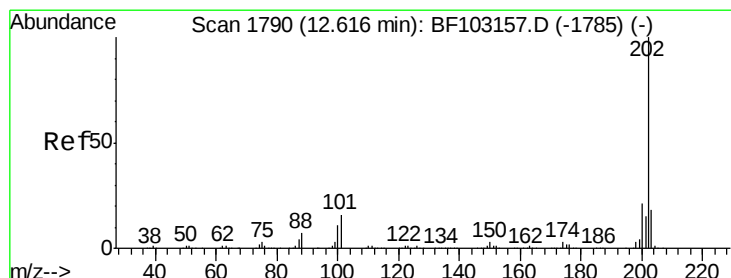
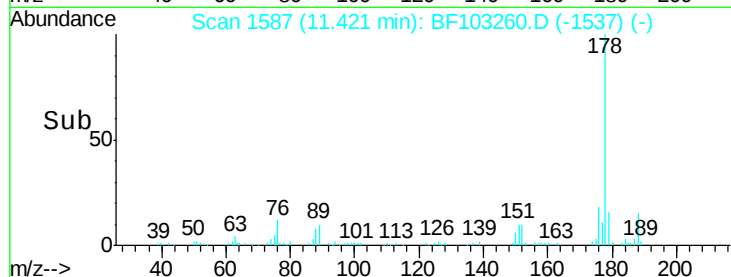
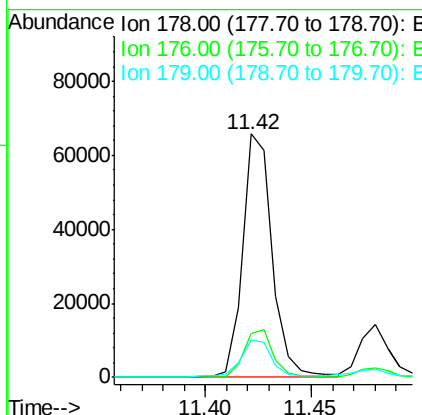
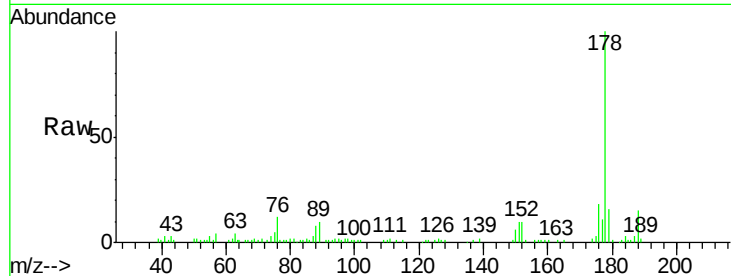
#70
Phenanthrene
Concen: 2.427 ng
RT: 11.42 min Scan# 1587
Delta R.T. -0.01 min
Lab File: BF103260.D
Acq: 27 Feb 2018 14:02

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-003-A

Tot Ion	Ion	Ratio	Resp	Lower	Upper
178	100		63596		
176	17.8	15.8	23.8		
179	15.6	13.0	19.6		

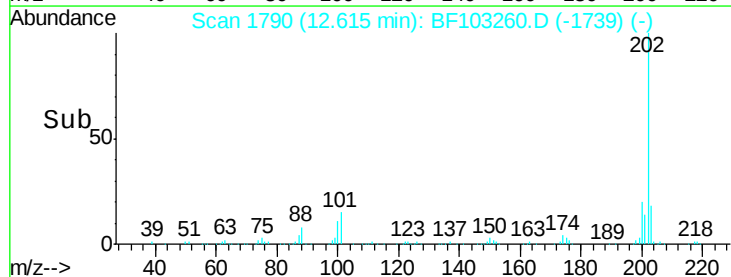
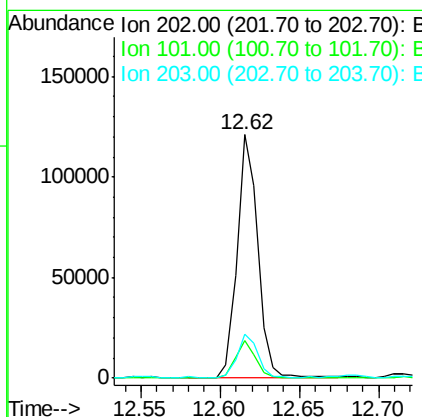
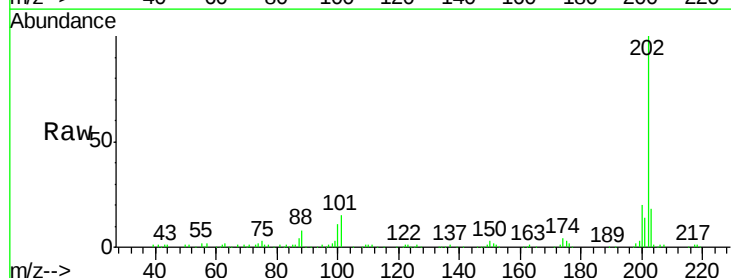
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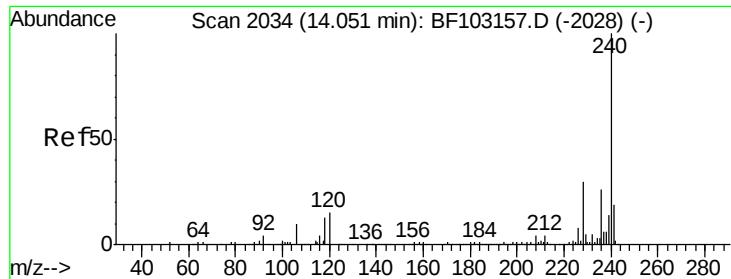
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#74
Fluoranthene
Concen: 4.191 ng
RT: 12.62 min Scan# 1790
Delta R.T. -0.00 min
Lab File: BF103260.D
Acq: 27 Feb 2018 14:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
202	100		110340		
101	15.3	0.0	34.1		
203	17.8	0.0	38.1		





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.05 min Scan# 2034

Delta R.T. -0.00 min

Lab File: BF103260.D

Acq: 27 Feb 2018 14:02

Instrument :

BNA_F

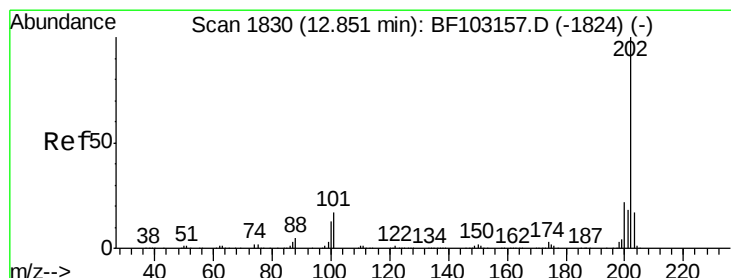
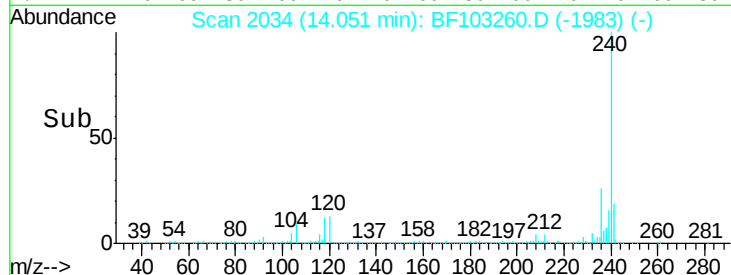
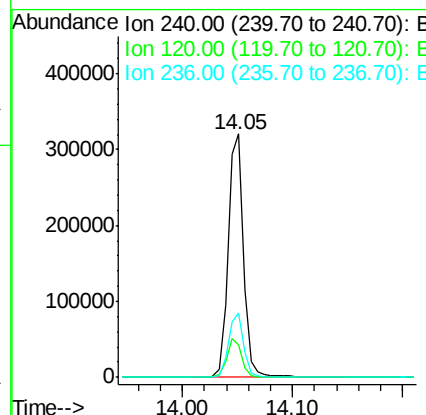
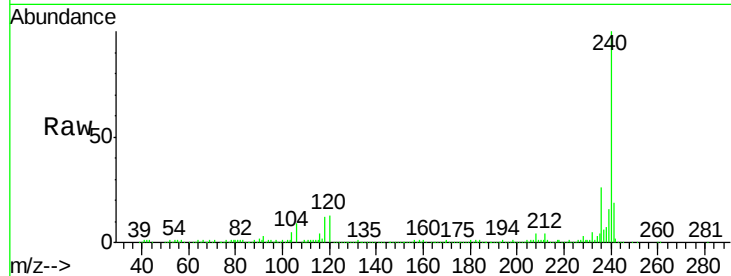
ClientSampleId :

FK-SF-03-003-A

Tot Ion:	240	Resp:	311896
Ion Ratio	Lower	Upper	
240	100		
120	13.3	9.5	14.3
236	26.4	20.7	31.1

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#77

Pyrene

Concen: 4.544 ng

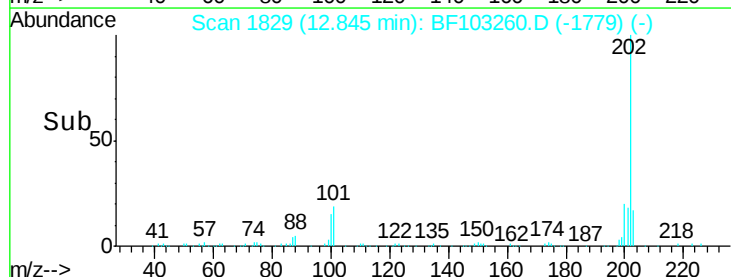
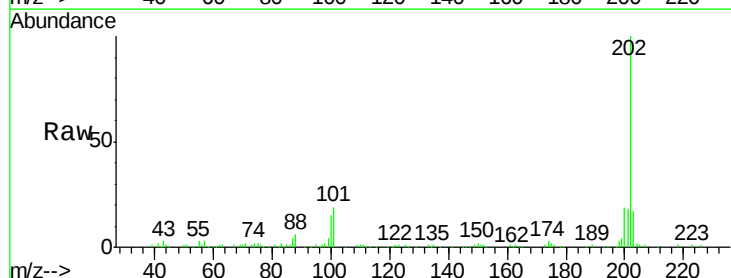
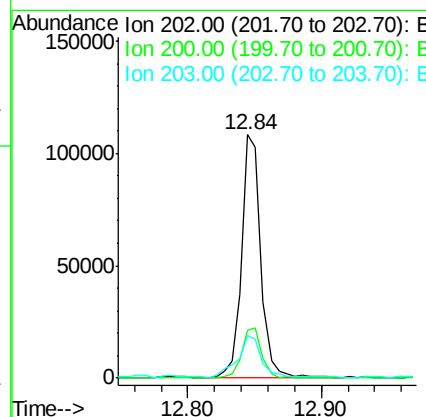
RT: 12.84 min Scan# 1829

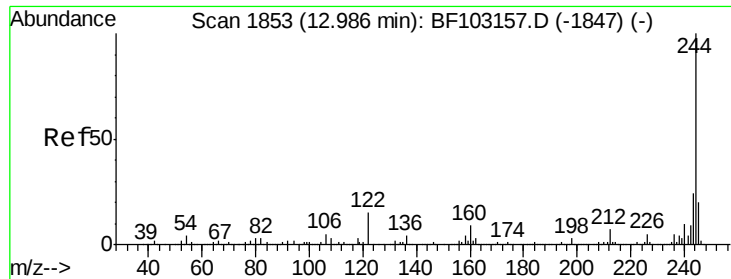
Delta R.T. -0.01 min

Lab File: BF103260.D

Acq: 27 Feb 2018 14:02

Tgt Ion:	202	Resp:	110486
Ion Ratio	Lower	Upper	
202	100		
200	19.4	17.4	26.2
203	17.4	14.3	21.5





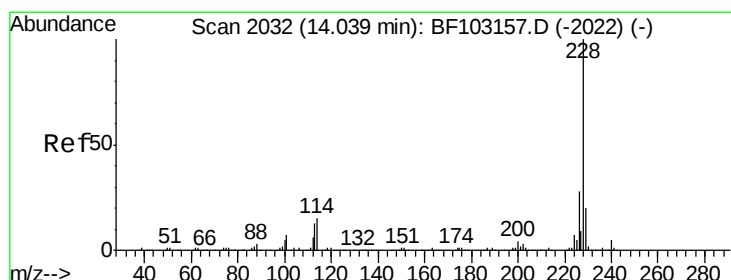
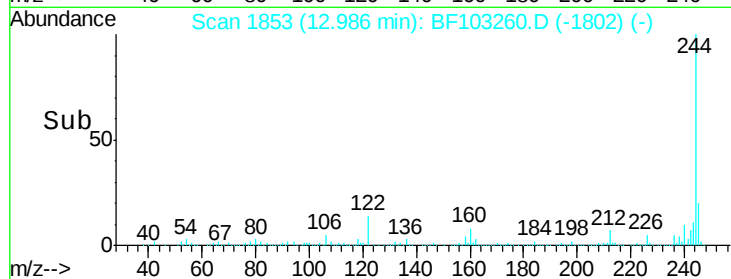
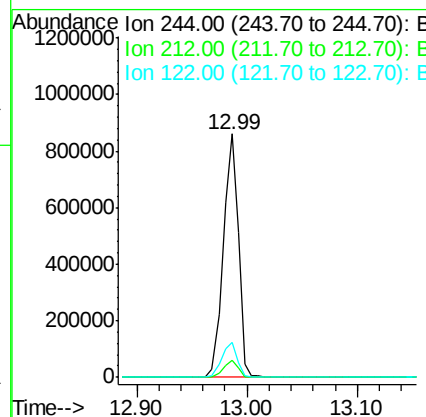
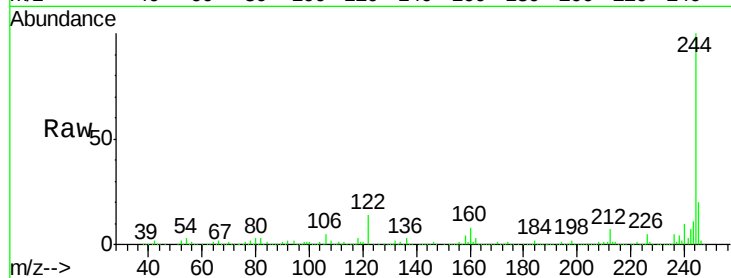
#78
 Terphenyl-d14
 Concen: 63.035 ng
 RT: 12.99 min Scan# 1853
 Delta R.T. -0.00 min
 Lab File: BF103260.D
 Acq: 27 Feb 2018 14:02

Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-03-003-A

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	14.2	11.0	16.4

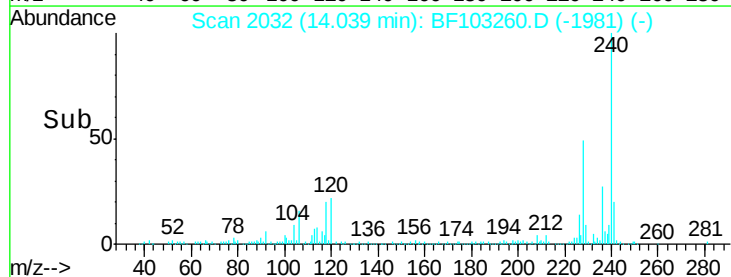
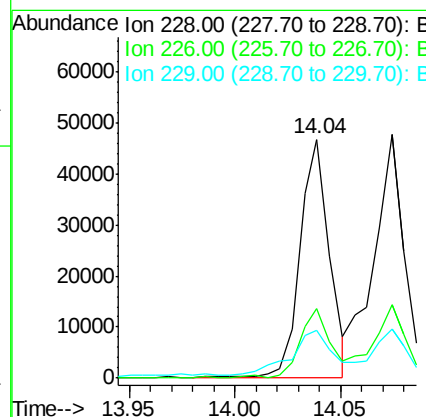
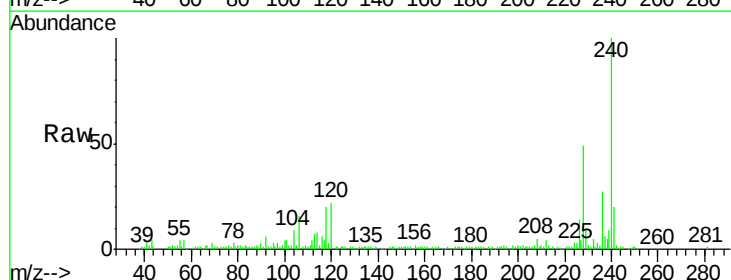
Manual Integrations
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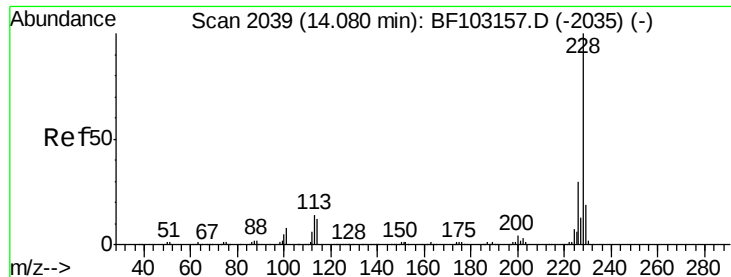
Sohil
 2/28/2018 11:17:30 AM



#80
 Benzo(a)anthracene
 Concen: 2.248 ng
 RT: 14.04 min Scan# 2032
 Delta R.T. -0.00 min
 Lab File: BF103260.D
 Acq: 27 Feb 2018 14:02

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.1	22.6	33.8
229	20.0	15.8	23.6





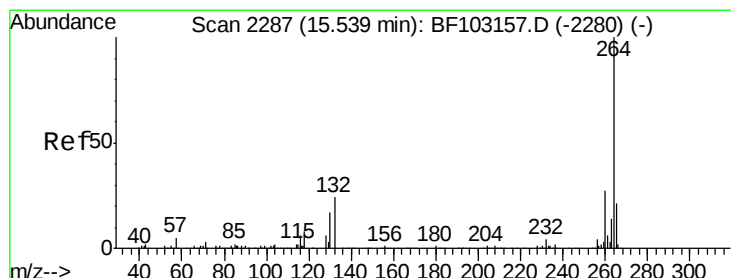
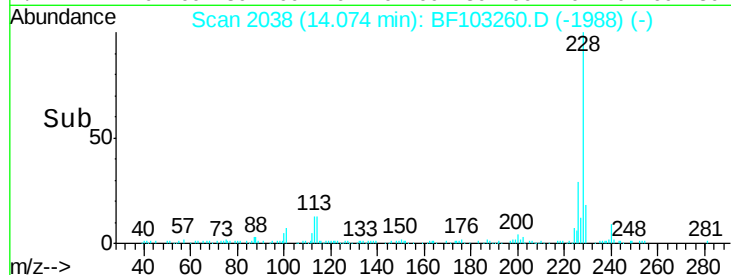
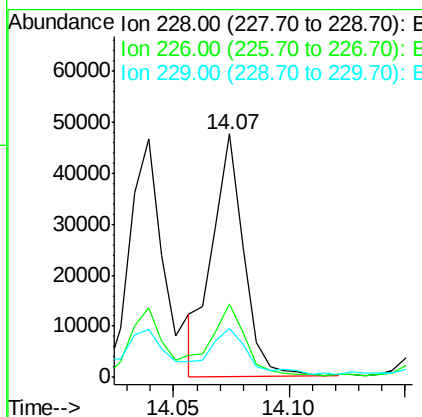
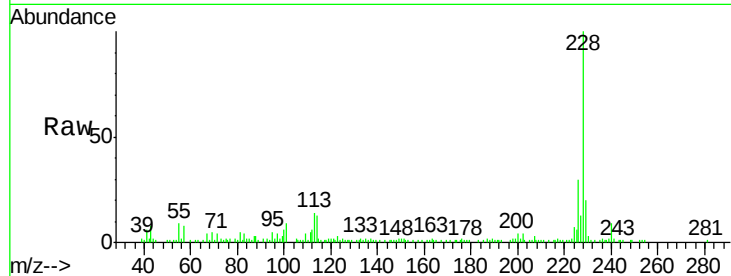
#82
Chrysene
Concen: 2.277 ng
RT: 14.07 min Scan# 2038
Delta R.T. -0.01 min
Lab File: BF103260.D
Acq: 27 Feb 2018 14:02

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-003-A

Tot Ion:	228	Resp:	44737
Ion Ratio	Lower	Upper	
228	100		
226	29.9	25.0	37.6
229	19.9	16.2	24.4

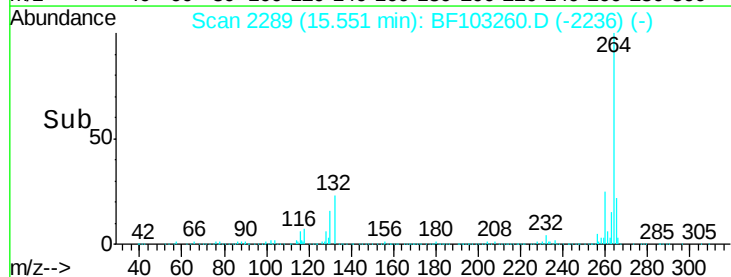
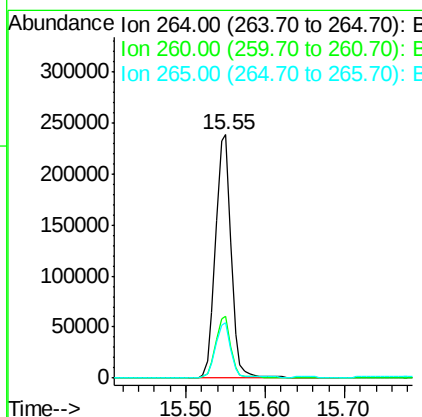
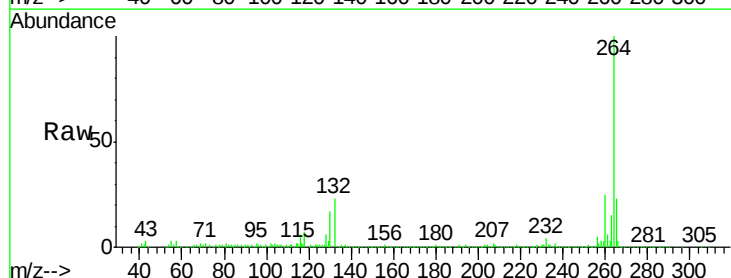
Manual Integrations
APPROVED

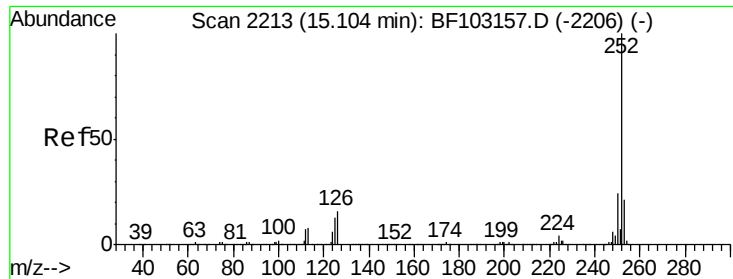
Sohil
2/28/2018 11:17:30 AM



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.55 min Scan# 2289
Delta R.T. 0.01 min
Lab File: BF103260.D
Acq: 27 Feb 2018 14:02

Tgt Ion:	264	Resp:	328399
Ion Ratio	Lower	Upper	
264	100		
260	25.2	19.2	28.8
265	22.6	17.5	26.3





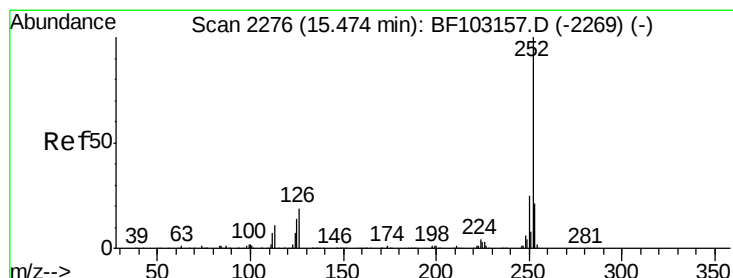
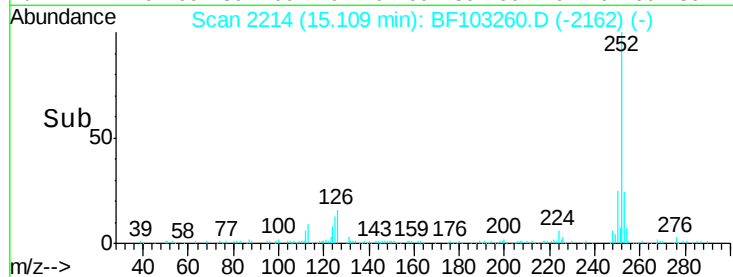
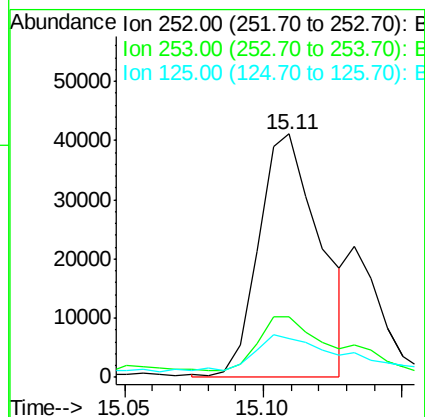
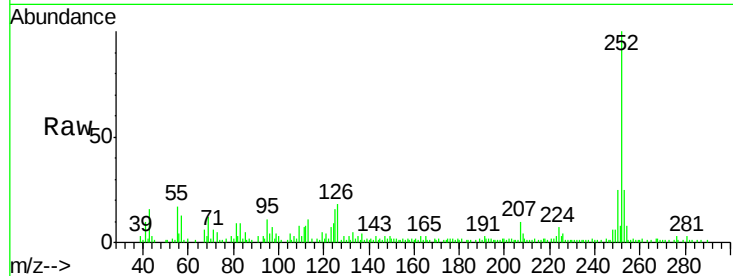
#87
Benzo(b)fluoranthene
Concen: 2.924 ng
RT: 15.11 min Scan# 2214
Delta R.T. 0.01 min
Lab File: BF103260.D
Acq: 27 Feb 2018 14:02

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-003-A

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.9	17.0	25.6
125	16.1	9.0	13.6

Manual Integrations
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2/28/2018 11:17:30 AM



#89
Benzo(a)pyrene
Concen: 2.325 ng
RT: 15.48 min Scan# 2277
Delta R.T. 0.01 min
Lab File: BF103260.D
Acq: 27 Feb 2018 14:02

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.2	17.1	25.7
125	18.6	9.8	14.6

