

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022118\
 Data File : BF103136.D
 Acq On : 21 Feb 2018 15:11
 Operator : SJ/JU
 Sample : J1623-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-2

Manual Integrations
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 2/22/2018 9:05:01 AM

Quant Time: Feb 21 16:43:49 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 16 14:34:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	180703	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	766631	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	327380	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	489617	20.00	ng	0.00
75) Chrysene-d12	14.05	240	352931	20.00	ng	0.00
86) Perylene-d12	15.54	264	312007	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1345560	113.08	ng	0.01
7) Phenol-d6	6.52	99	1640801	114.53	ng	0.00
23) Nitrobenzene-d5	7.45	82	1054449	95.41	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	296305	112.45	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1524804	77.29	ng	0.00
78) Terphenyl-d14	12.99	244	1097432	73.63	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.63	163	87979	3.447	ng	98
70) Phenanthrene	11.43	178	111094	4.074	ng	99
74) Fluoranthene	12.62	202	155845	5.680	ng	98
77) Pyrene	12.85	202	147957	5.346	ng	97
80) Benzo(a)anthracene	14.04	228	76036	3.426	ng	99
82) Chrysene	14.07	228	67084	2.998	ng	98
87) Benzo(b)fluoranthene	15.10	252	71915m	3.555	ng	
89) Benzo(a)pyrene	15.48	252	49201	2.702	ng	# 89

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

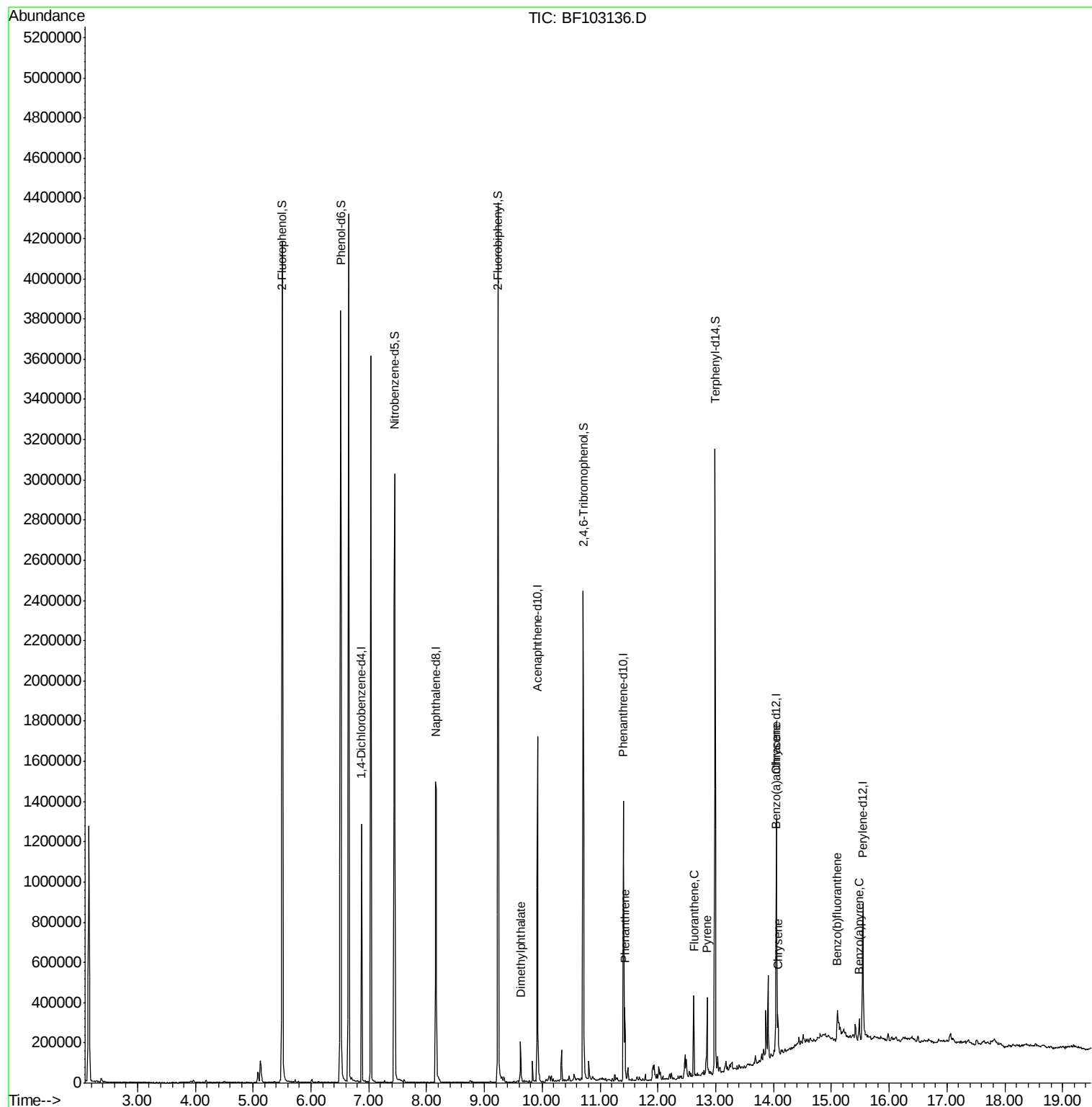
Data Path : Z:\HPCHEM1\BNA F\DATA\BF022118\
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#1

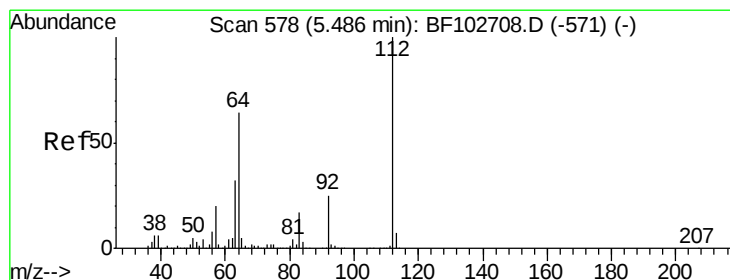
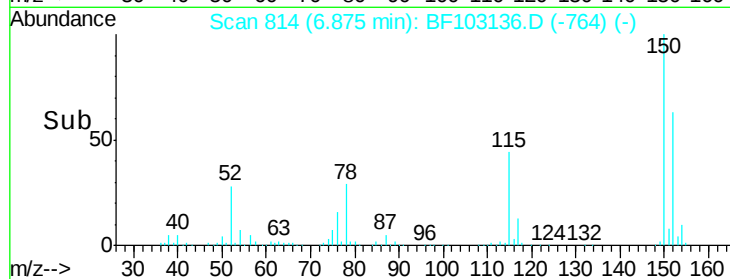
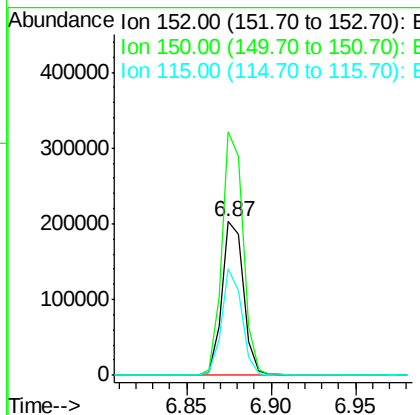
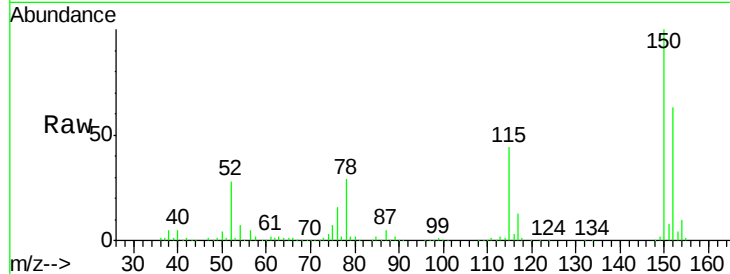
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF103136.D
Acq: 21 Feb 2018 15:11

Instrument :
BNA_F
ClientSampled :
TP-1-2

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.2	124.6	186.8
115	69.2	50.1	75.1

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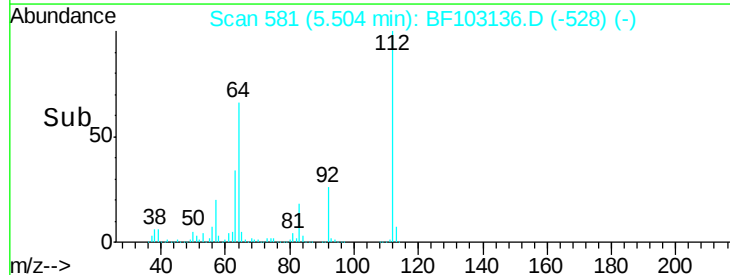
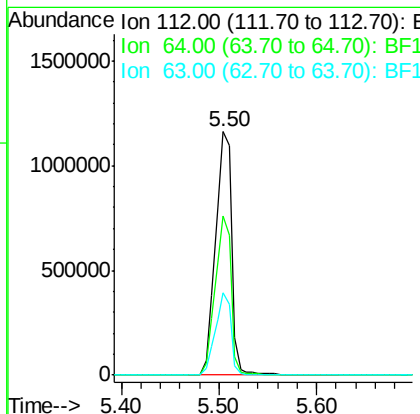
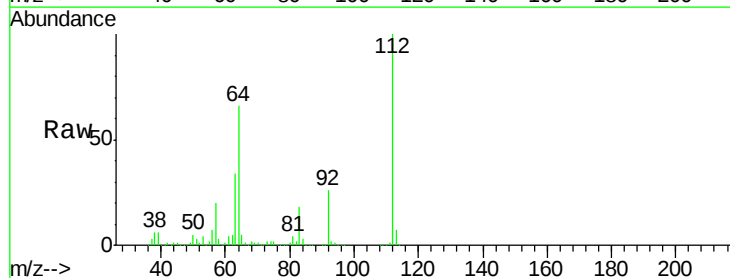
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#5

2-Fluorophenol
Concen: 113.084 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.01 min
Lab File: BF103136.D
Acq: 21 Feb 2018 15:11

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.5	47.9	71.9
63	33.8	23.7	35.5





#7

Phenol-d6

Concen: 114.525 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF103136.D

Acq: 21 Feb 2018 15:11

Instrument :

BNA_F

ClientSampleId :

TP-1-2

Tot Ion: 99 Resp: 1640801

Ion Ratio Lower Upper

99 100

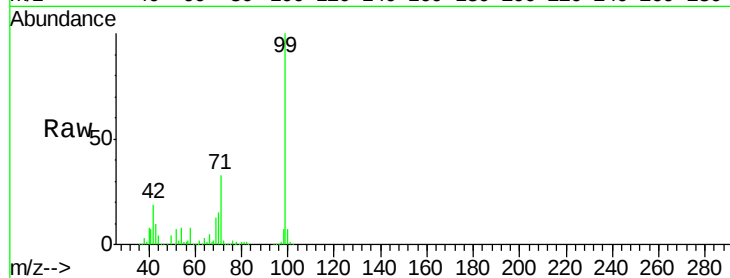
42 18.7 14.5 21.7

71 33.2 25.4 38.0

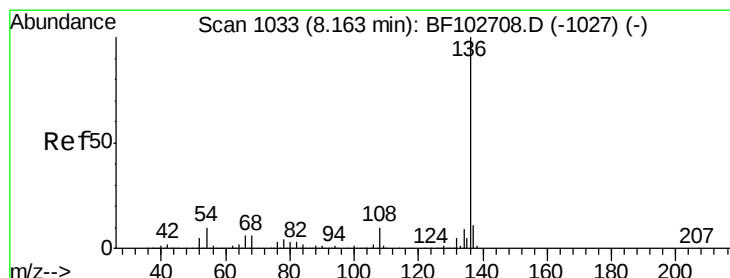
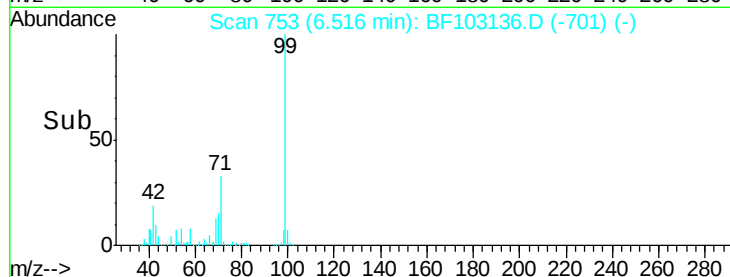
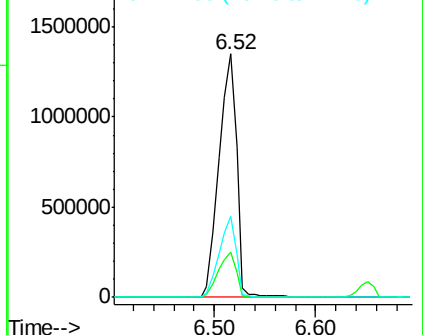
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1033

Delta R.T. 0.00 min

Lab File: BF103136.D

Acq: 21 Feb 2018 15:11

Tgt Ion: 136 Resp: 766631

Ion Ratio Lower Upper

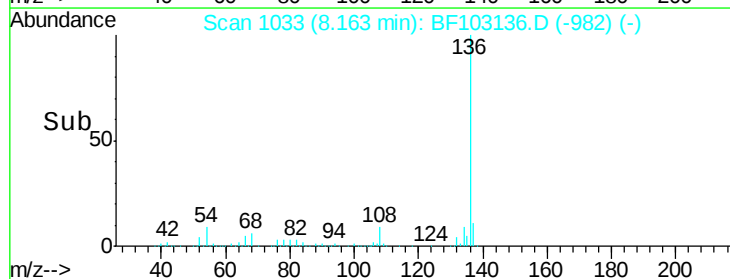
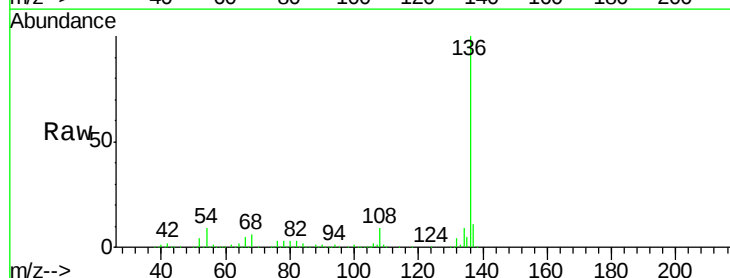
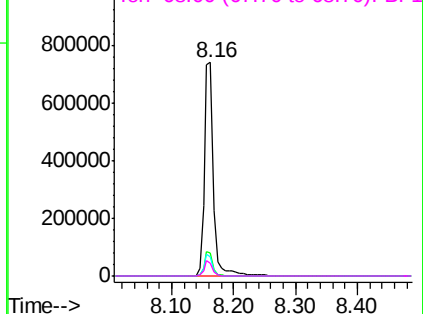
136 100

137 10.6 8.9 13.3

54 8.7 6.6 9.8

68 6.0 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





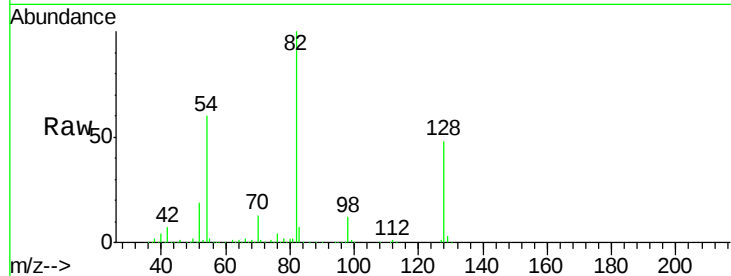
#23
Nitrobenzene-d5
Concen: 95.415 ng
RT: 7.45 min Scan# 911
Delta R.T. 0.00 min
Lab File: BF103136.D
Acq: 21 Feb 2018 15:11

Instrument :
BNA_F
ClientSampleId :
TP-1-2

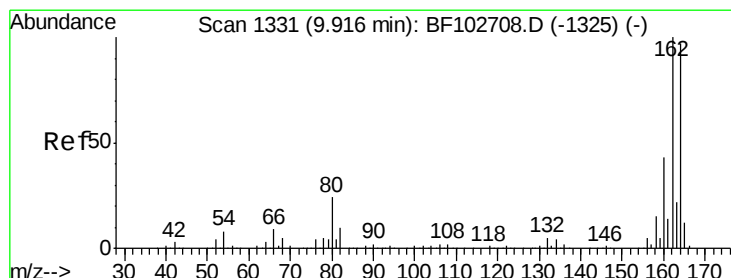
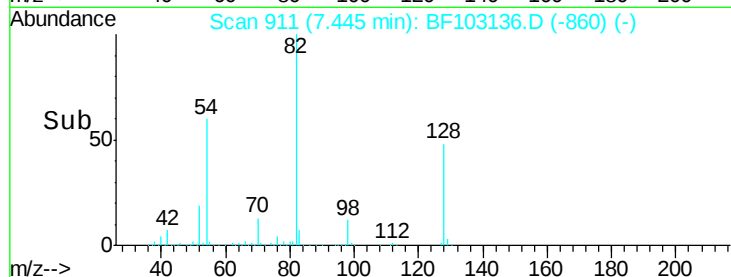
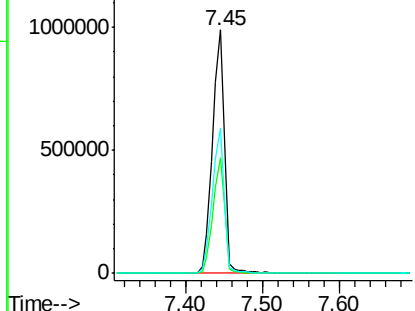
Tot Ion: 82 Resp: 1054449
Ion Ratio Lower Upper
82 100
128 47.6 36.1 54.1
54 59.8 41.4 62.2

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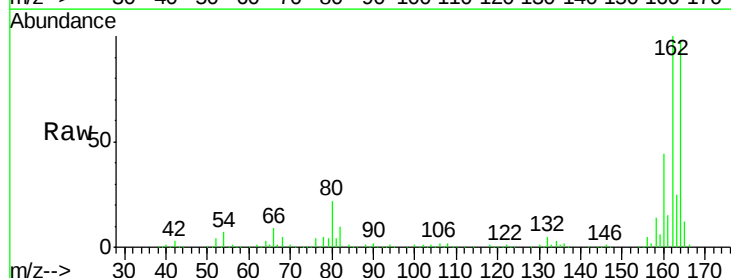


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

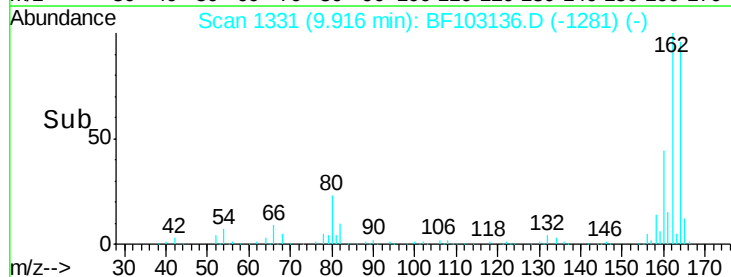
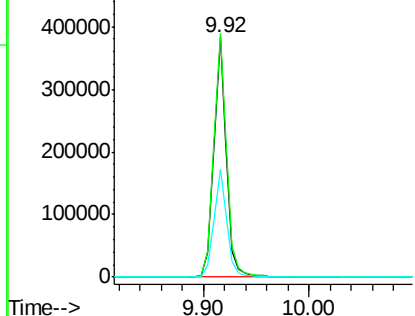


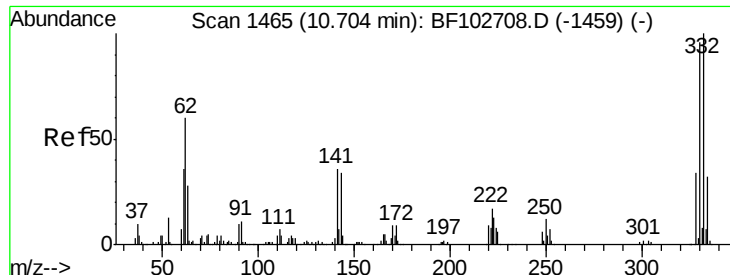
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF103136.D
Acq: 21 Feb 2018 15:11

Tgt Ion:164 Resp: 327380
Ion Ratio Lower Upper
164 100
162 101.7 86.1 129.1
160 45.0 38.3 57.5



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





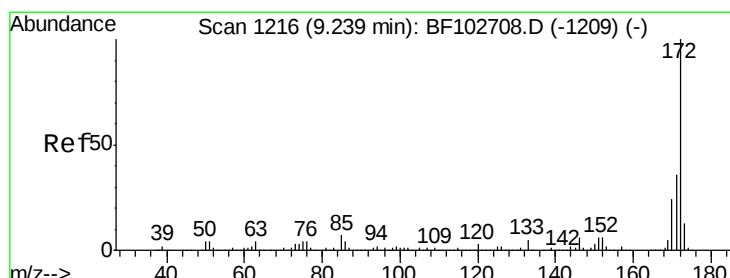
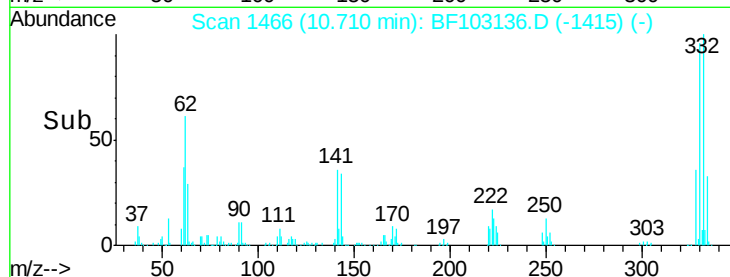
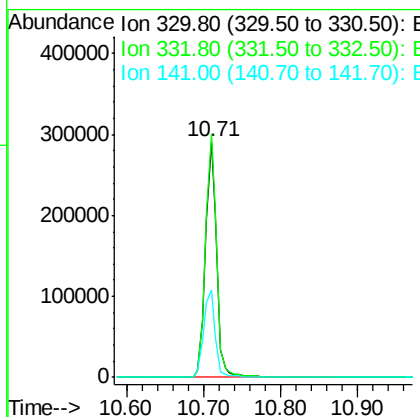
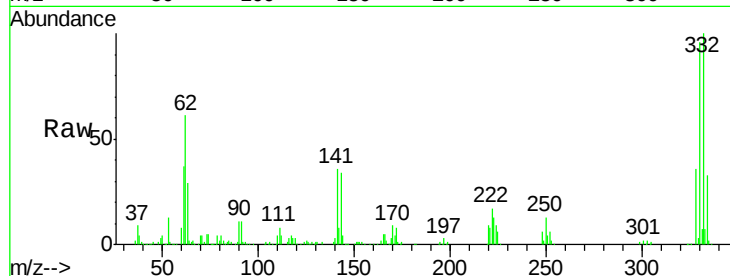
#41
 2,4,6-Tribromophenol
 Concen: 112.449 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. 0.00 min
 Lab File: BF103136.D
 Acq: 21 Feb 2018 15:11

Instrument :
 BNA_F
 ClientSampled :
 TP-1-2

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	102.5	296305	77.0	115.6
141	39.0		29.9	44.9

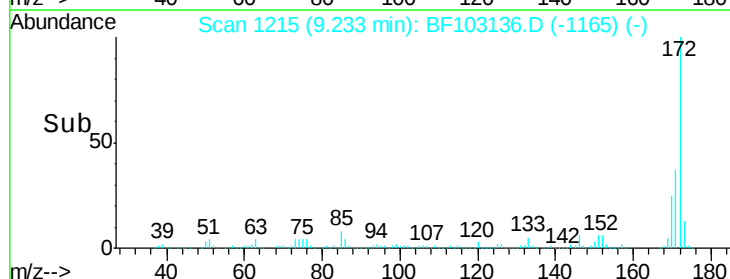
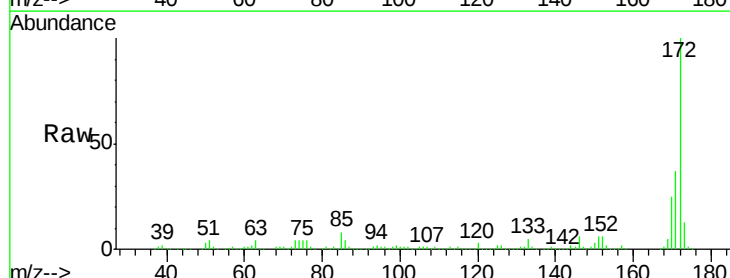
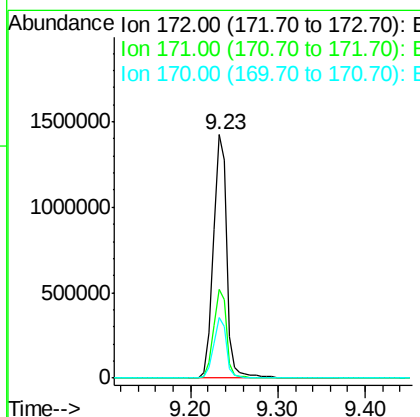
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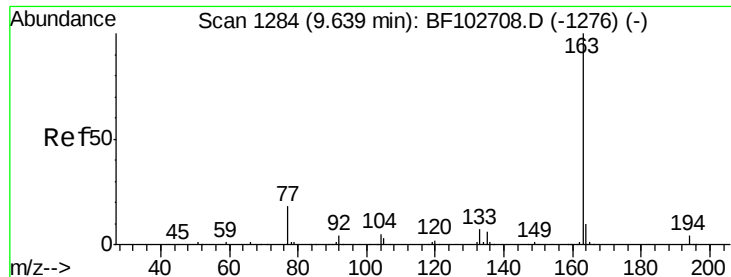
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#44
 2-Fluorobiphenyl
 Concen: 77.286 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BF103136.D
 Acq: 21 Feb 2018 15:11

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1524804		
171	36.7		29.7	44.5
170	24.7		19.6	29.4





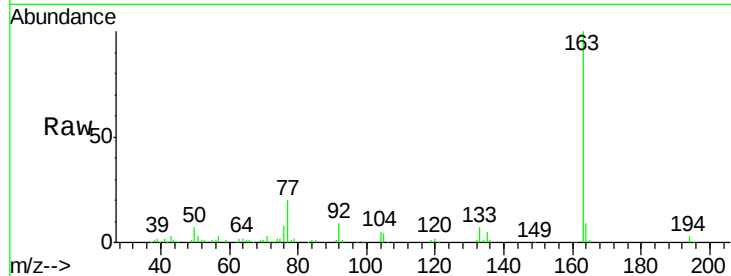
#49
Dimethylphthalate
Concen: 3.447 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.01 min
Lab File: BF103136.D
Acq: 21 Feb 2018 15:11

Instrument :
BNA_F
ClientSampleId :
TP-1-2

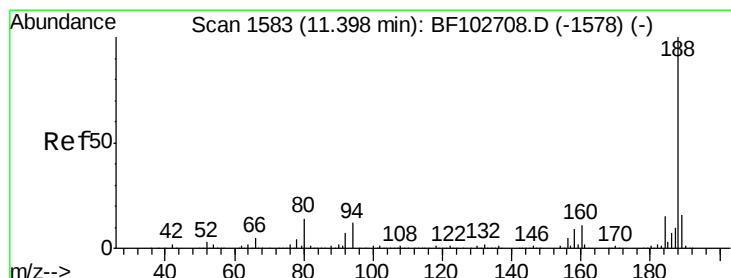
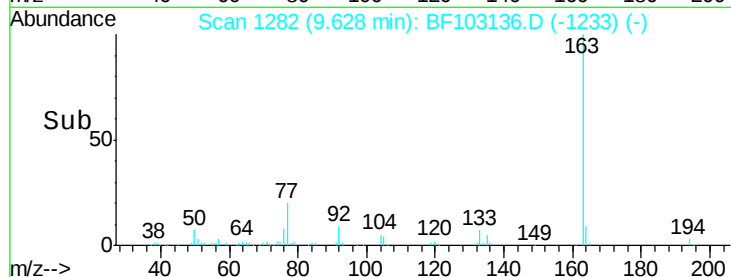
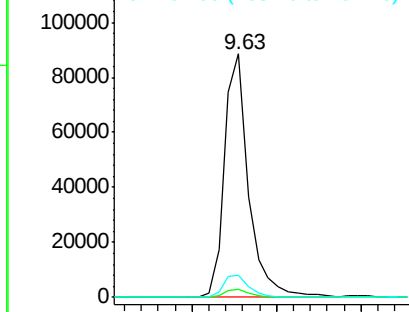
Tot Ion:	163	Resp:	87979
Ion Ratio	Lower	Upper	
163	100		
194	3.2	2.7	4.1
164	9.2	8.2	12.2

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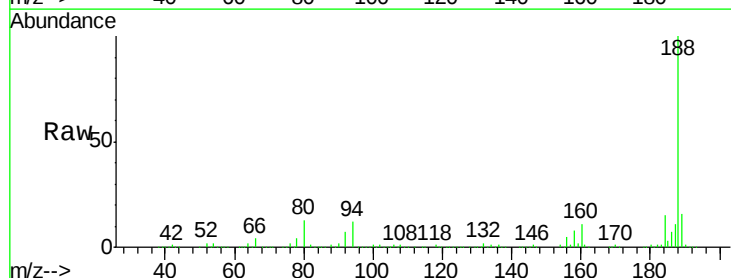


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

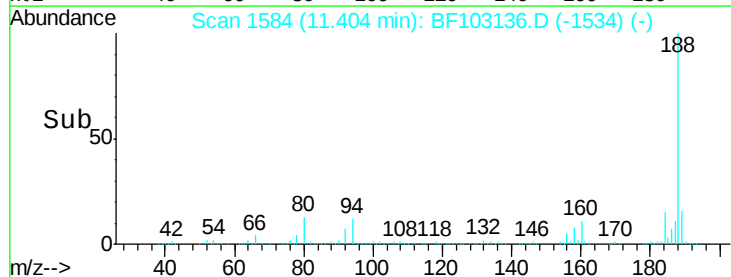
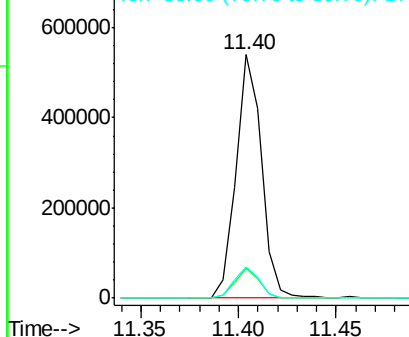


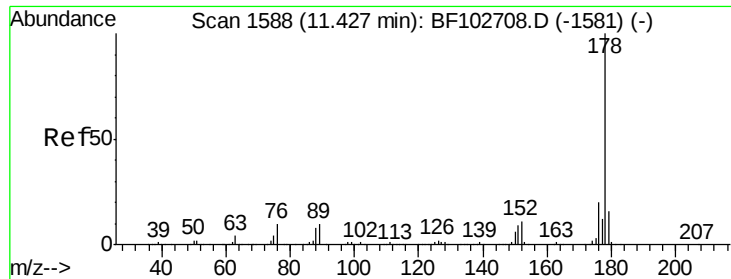
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF103136.D
Acq: 21 Feb 2018 15:11

Tgt Ion:	188	Resp:	489617
Ion Ratio	Lower	Upper	
188	100		
94	12.3	8.5	12.7
80	12.8	9.2	13.8



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





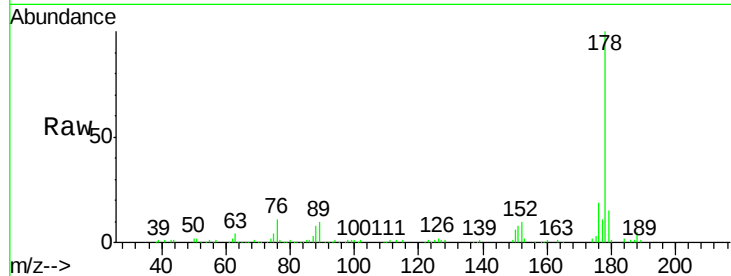
#70
Phenanthrene
Concen: 4.074 ng
RT: 11.43 min Scan# 1588
Delta R.T. -0.01 min
Lab File: BF103136.D
Acq: 21 Feb 2018 15:11

Instrument :
BNA_F
ClientSampled :
TP-1-2

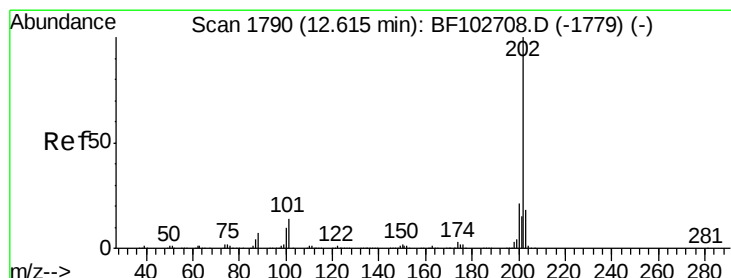
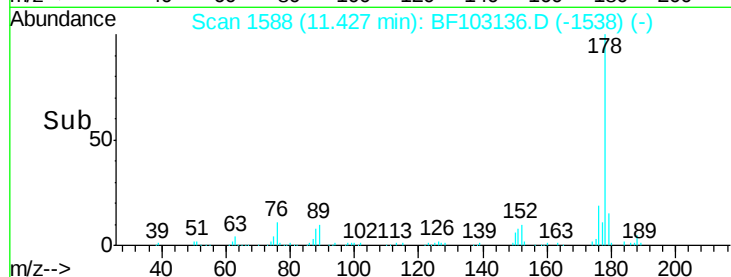
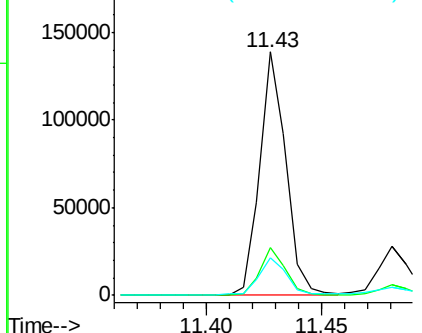
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.8	23.8
179	15.3	13.0	19.6

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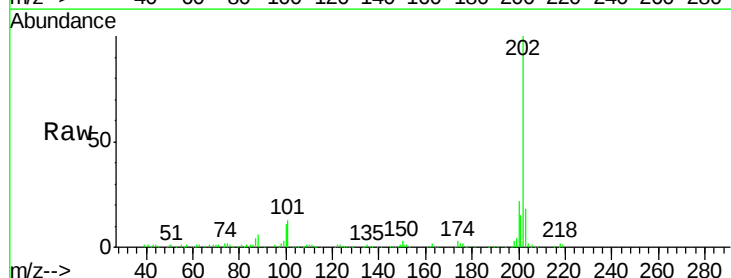


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

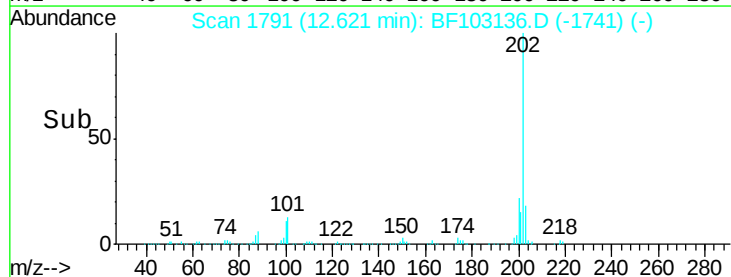
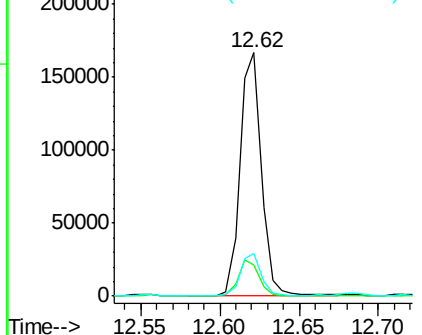


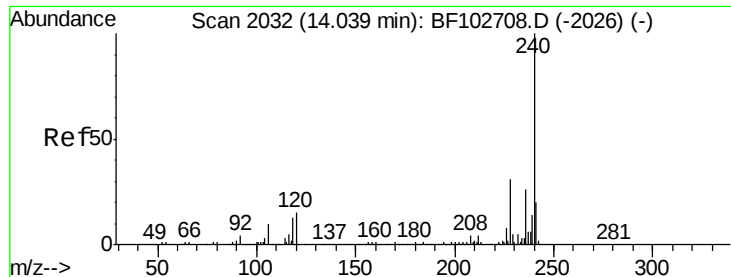
#74
Fluoranthene
Concen: 5.680 ng
RT: 12.62 min Scan# 1791
Delta R.T. -0.01 min
Lab File: BF103136.D
Acq: 21 Feb 2018 15:11

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.7	0.0	34.1
203	17.8	0.0	38.1



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





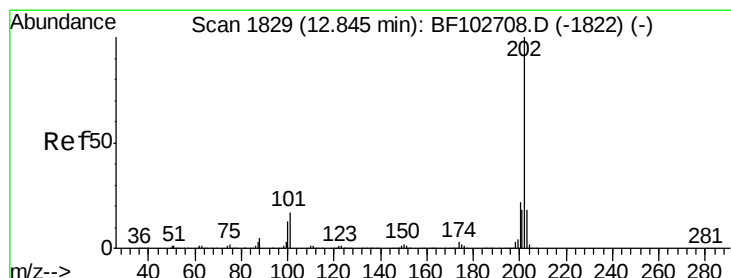
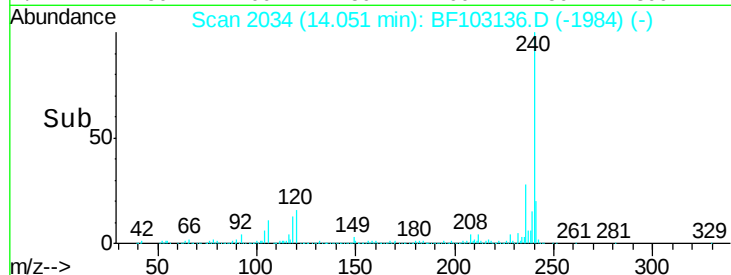
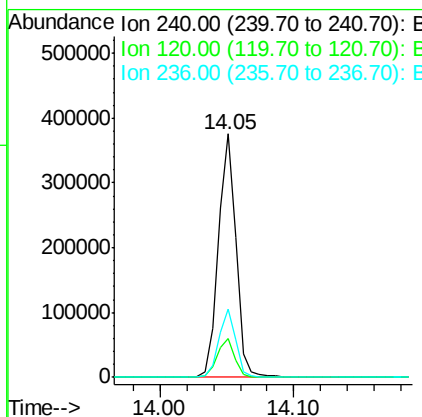
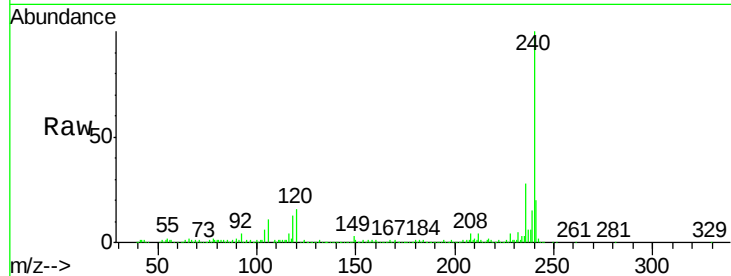
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BF103136.D
Acq: 21 Feb 2018 15:11

Instrument :
BNA_F
ClientSampled :
TP-1-2

Tot Ion	Ratio	Lower	Upper
240	100		
120	15.8	9.5	14.3#
236	28.0	20.7	31.1

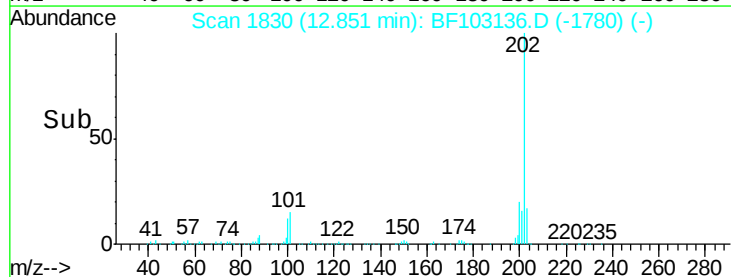
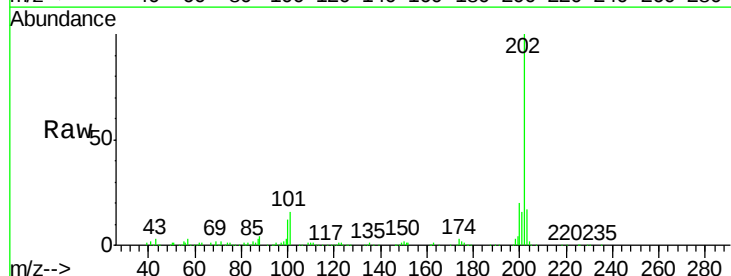
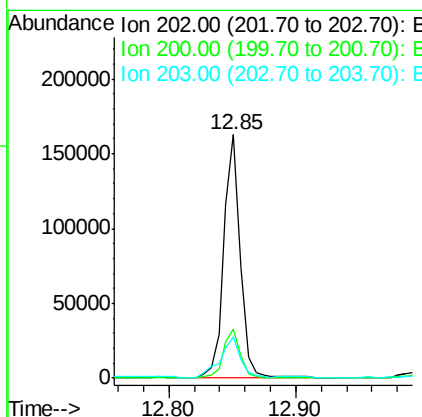
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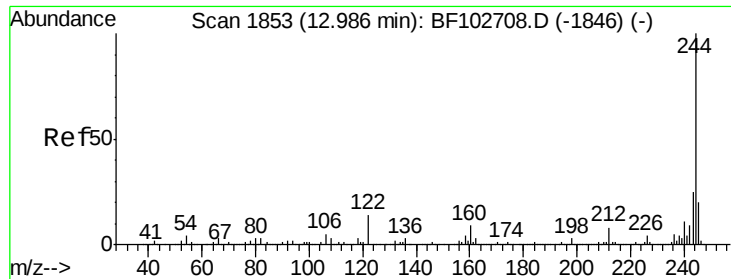
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#77
Pyrene
Concen: 5.346 ng
RT: 12.85 min Scan# 1830
Delta R.T. -0.01 min
Lab File: BF103136.D
Acq: 21 Feb 2018 15:11

Tgt Ion	Ratio	Lower	Upper
202	100		
200	19.9	17.4	26.2
203	17.2	14.3	21.5





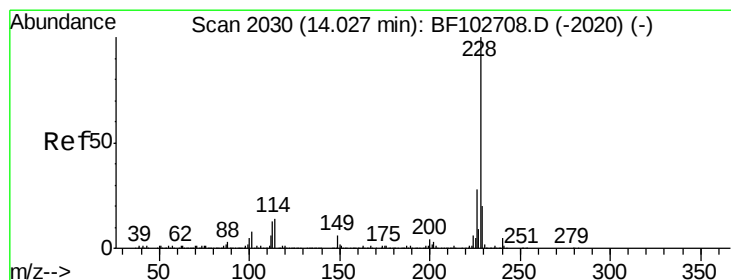
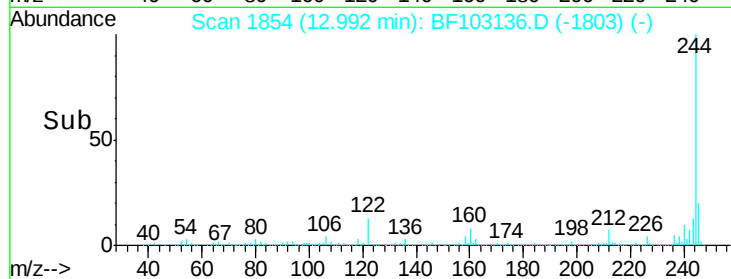
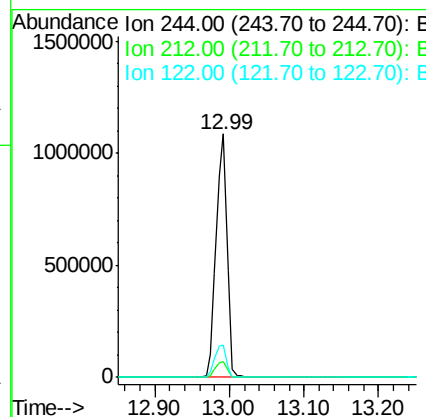
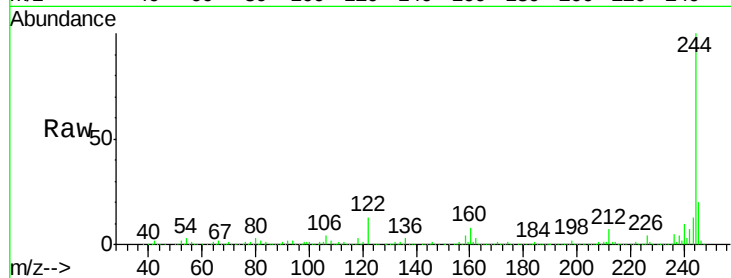
#78
 Terphenyl-d14
 Concen: 73.625 ng
 RT: 12.99 min Scan# 1854
 Delta R.T. 0.00 min
 Lab File: BF103136.D
 Acq: 21 Feb 2018 15:11

Instrument :
 BNA_F
 ClientSampled :
 TP-1-2

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	13.1	11.0	16.4

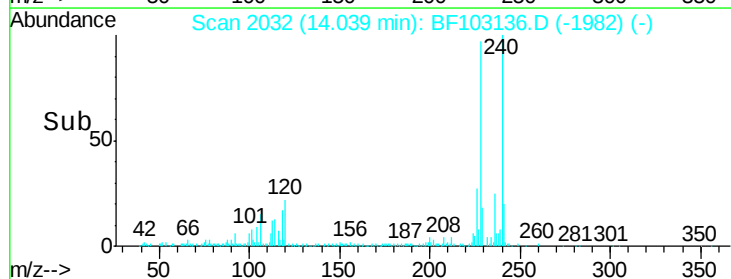
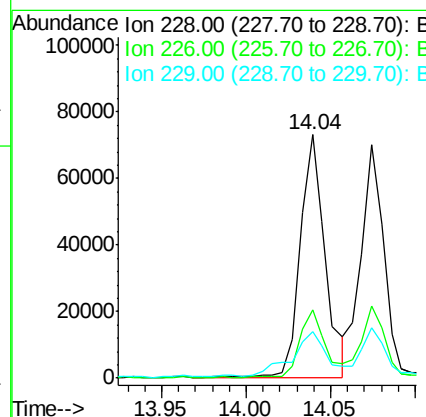
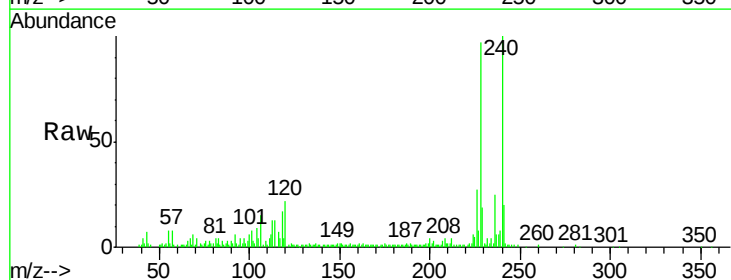
Manual Integrations
 APPROVED

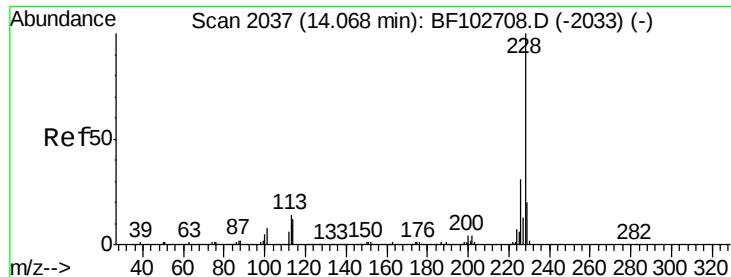
Sohil
 2/22/2018 9:05:01 AM



#80
 Benzo(a)anthracene
 Concen: 3.426 ng
 RT: 14.04 min Scan# 2032
 Delta R.T. -0.01 min
 Lab File: BF103136.D
 Acq: 21 Feb 2018 15:11

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.6	33.8
229	19.4	15.8	23.6





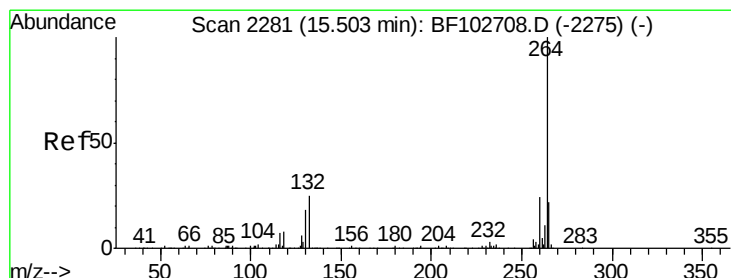
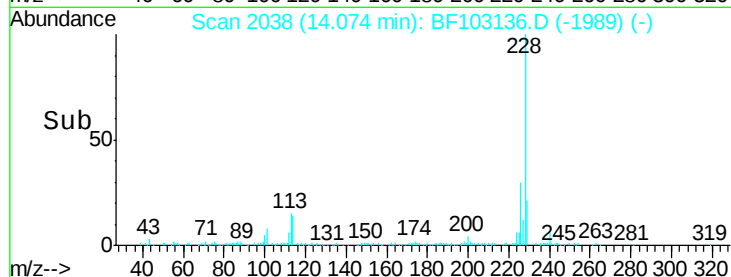
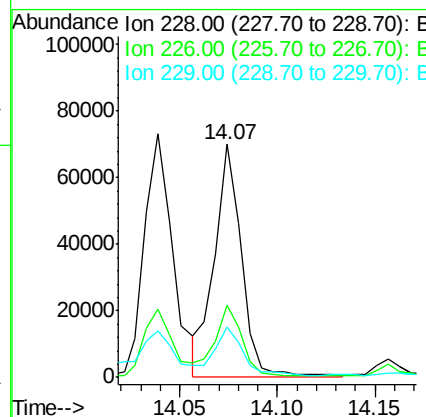
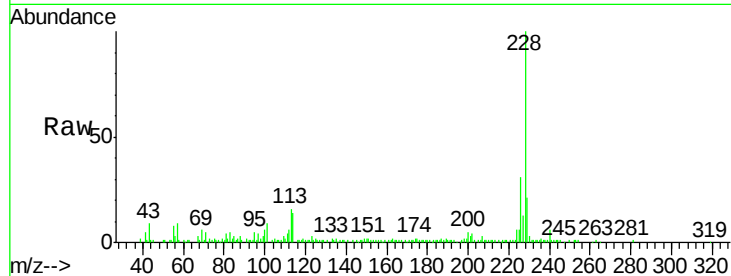
#82
 Chrvsene
 Concen: 2.998 ng
 RT: 14.07 min Scan# 2038
 Delta R.T. -0.01 min
 Lab File: BF103136.D
 Acq: 21 Feb 2018 15:11

Instrument :
 BNA_F
 ClientSampled :
 TP-1-2

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.7	25.0	37.6
229	21.4	16.2	24.4

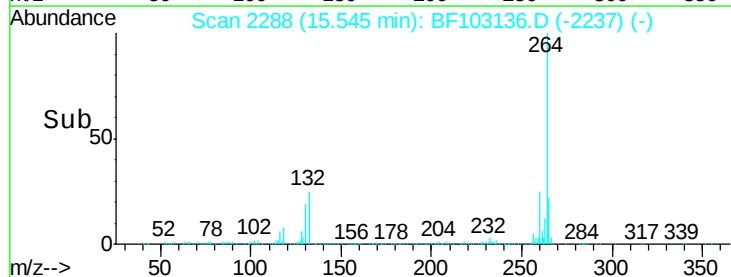
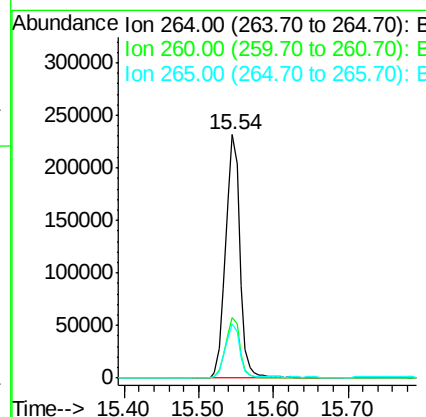
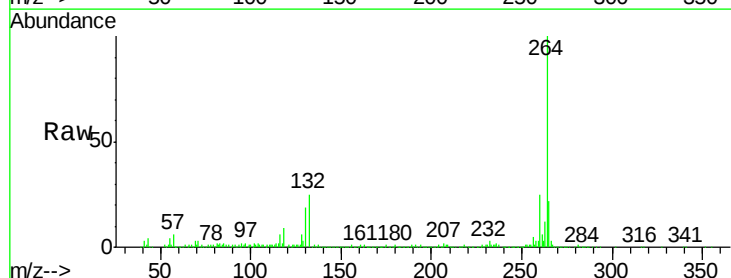
Manual Integrations
 APPROVED

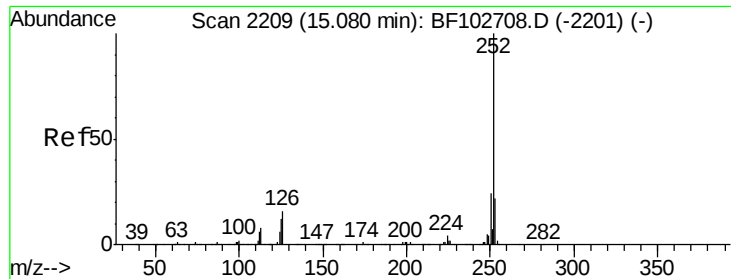
Sohil
 2/22/2018 9:05:01 AM



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.54 min Scan# 2288
 Delta R.T. 0.00 min
 Lab File: BF103136.D
 Acq: 21 Feb 2018 15:11

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.2	28.8
265	22.3	17.5	26.3





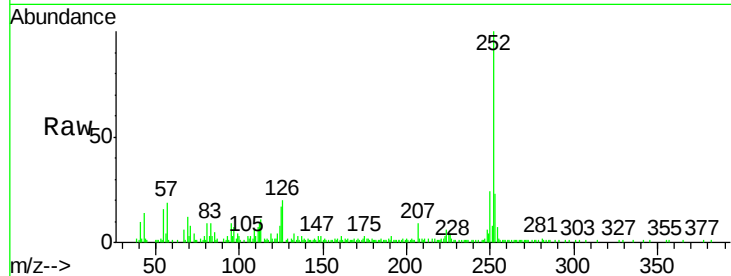
#87
Benzo(b)fluoranthene
Concen: 3.555 ng m
RT: 15.10 min Scan# 2213
Delta R.T. -0.01 min
Lab File: BF103136.D
Acq: 21 Feb 2018 15:11

Instrument :
BNA_F
ClientSampleId :
TP-1-2

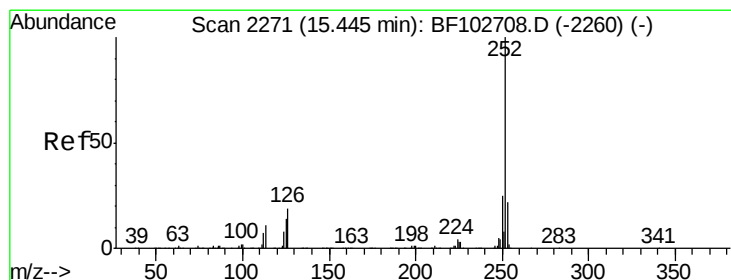
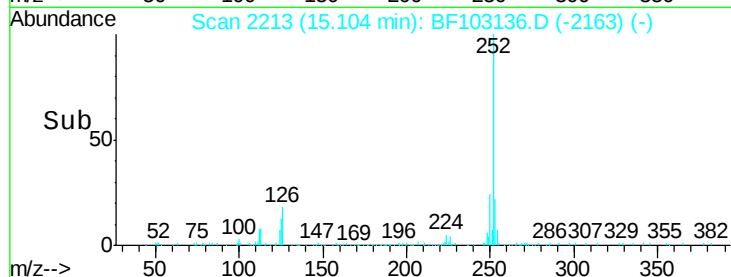
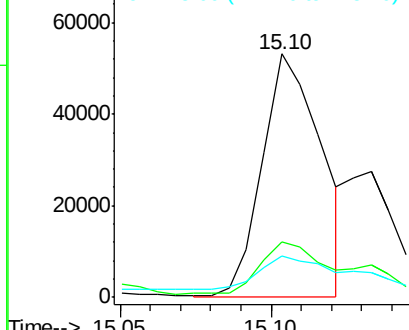
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.0	25.6
125	17.2	9.0	13.6

Manual Integrations
APPROVED

Sohil
2/22/2018 9:05:01 AM

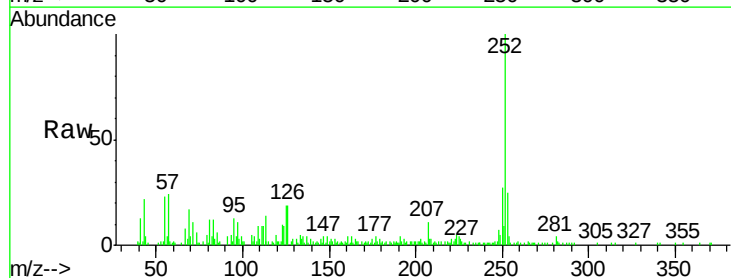


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#89
Benzo(a)pyrene
Concen: 2.702 ng
RT: 15.48 min Scan# 2277
Delta R.T. -0.01 min
Lab File: BF103136.D
Acq: 21 Feb 2018 15:11

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.3	17.1	25.7
125	18.6	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

