

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030118\
 Data File : BF103334.D
 Acq On : 1 Mar 2018 14:09
 Operator : SJ/JU
 Sample : J1720-05
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-44

Manual Integrations
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 3/2/2018 3:30:32 PM

Quant Time: Mar 02 09:38:38 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 27 17:05:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	150839	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	617148	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	245319	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	349629	20.00	ng	0.00
75) Chrysene-d12	14.06	240	234531	20.00	ng	0.00
86) Perylene-d12	15.57	264	180584	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1055735	105.86	ng	0.01
7) Phenol-d6	6.52	99	1265730	103.72	ng	0.00
23) Nitrobenzene-d5	7.44	82	848108	78.48	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	170342	82.03	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1109188	75.92	ng	0.00
78) Terphenyl-d14	12.99	244	716363	73.42	ng	0.00
Target Compounds						
10) Phenol	6.53	94	89204	6.296	ng	94
49) Dimethylphthalate	9.62	163	127497	6.479	ng	99
70) Phenanthrene	11.43	178	290071	15.076	ng	98
71) Anthracene	11.49	178	89778	4.550	ng	99
74) Fluoranthene	12.63	202	484268	25.046	ng	99
77) Pyrene	12.86	202	474219	25.934	ng	99
80) Benzo(a)anthracene	14.05	228	228232	14.998	ng	97
82) Chrysene	14.09	228	202185	13.684	ng	98
85) Indeno(1,2,3-cd)pyrene	17.10	276	75044	6.415	ng	95
87) Benzo(b)fluoranthene	15.13	252	207844m	17.505	ng	
88) Benzo(k)fluoranthene	15.16	252	77250m	6.909	ng	
89) Benzo(a)pyrene	15.51	252	143990	13.580	ng	# 92
90) Dibenzo(a,h)anthracene	17.10	278	20498	2.502	ng	# 56
91) Benzo(g,h,i)perylene	17.57	276	74287	9.277	ng	# 87

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

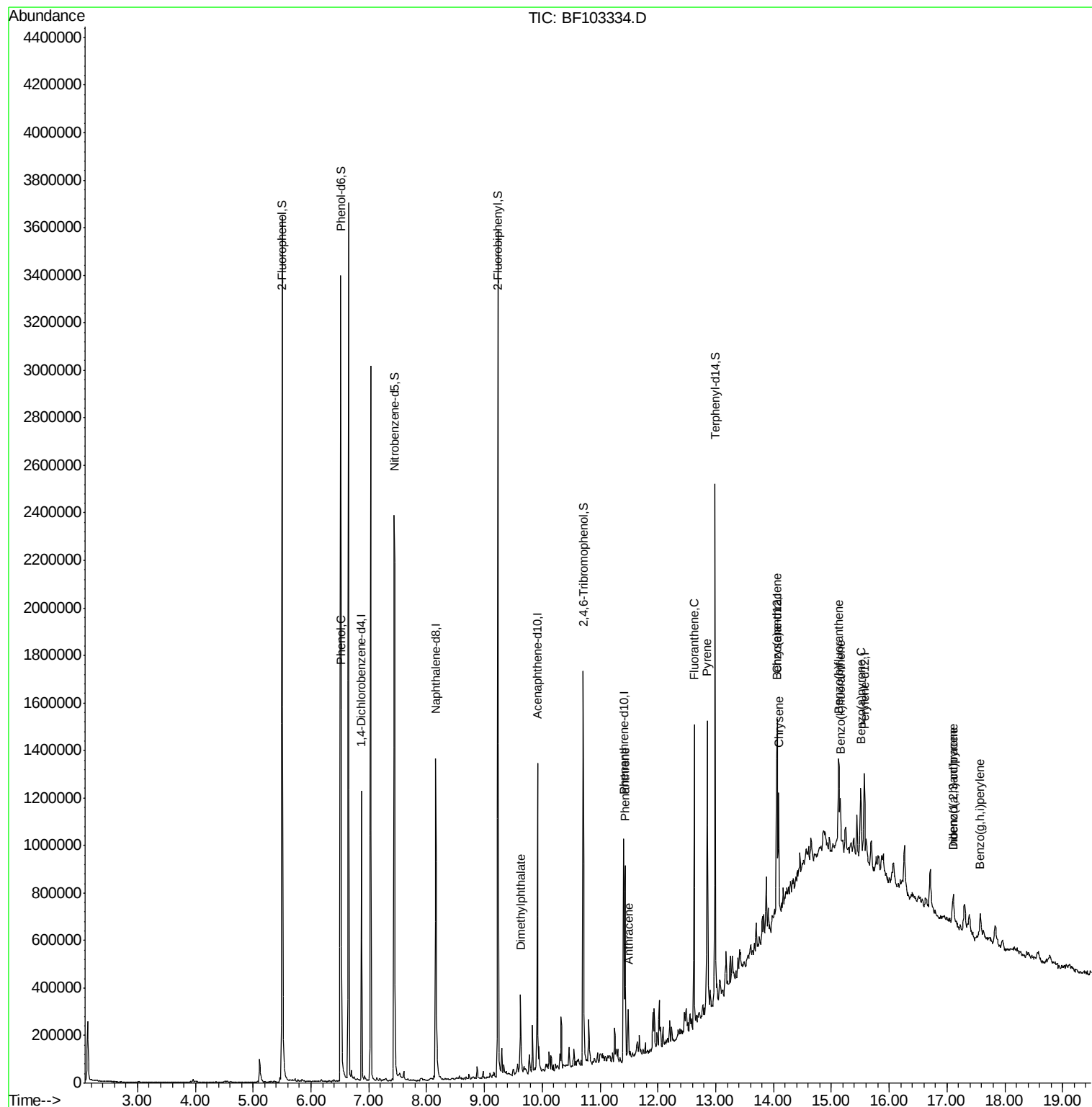
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030118\
Data File : BF103334.D
Acq On : 1 Mar 2018 14:09
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#1

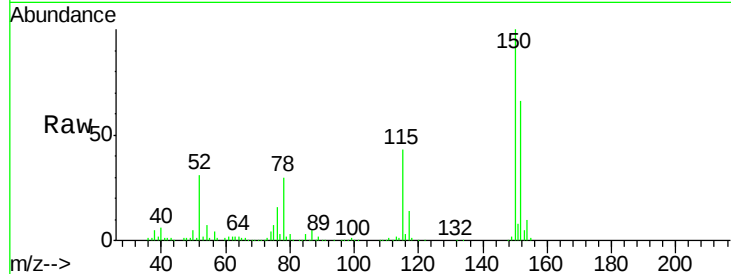
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.00 min
Lab File: BF103334.D
Acq: 1 Mar 2018 14:09

Instrument :
BNA_F
ClientSampleId :
SP-44

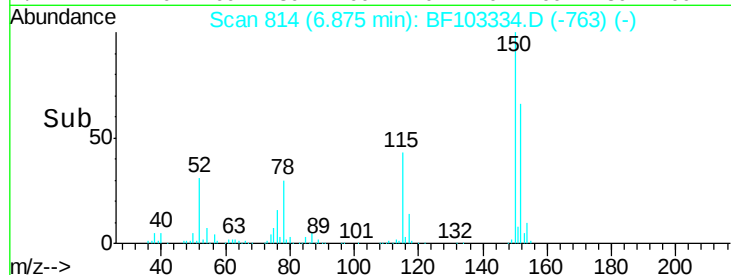
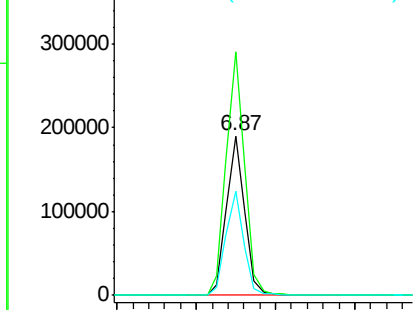
Tot Ion	Ratio	Lower	Upper
152	100		
150	152.4	124.6	186.8
115	65.3	50.1	75.1

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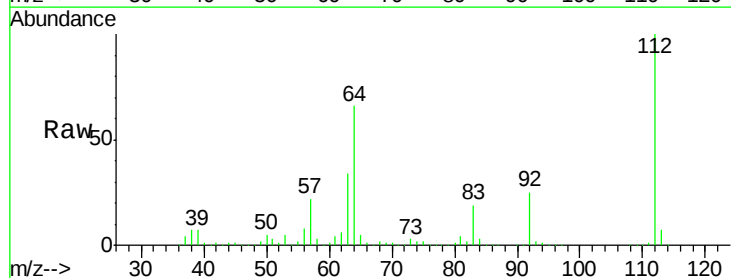
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



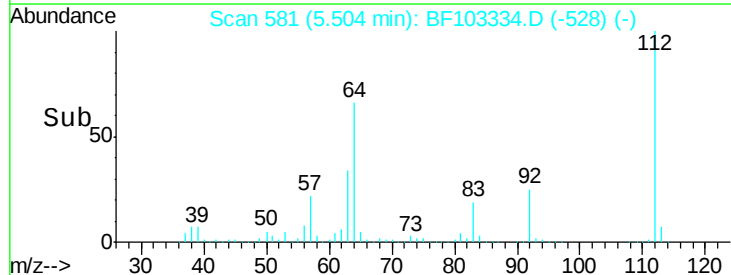
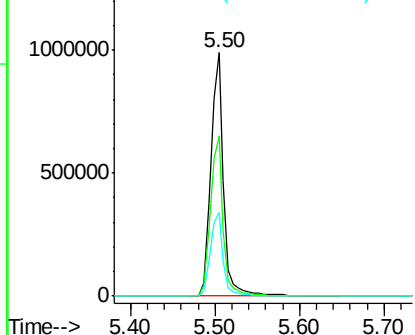
#5

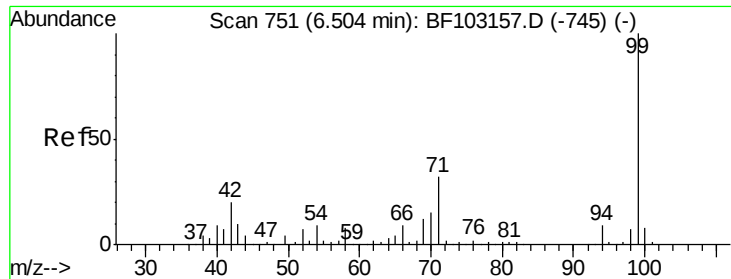
2-Fluorophenol
Concen: 105.856 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.01 min
Lab File: BF103334.D
Acq: 1 Mar 2018 14:09

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.7	47.9	71.9
63	34.3	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: 103.716 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF103334.D

Acq: 1 Mar 2018 14:09

Instrument :

BNA_F

ClientSampled :

SP-44

Tot Ion: 99 Resp: 1265730

Ion Ratio Lower Upper

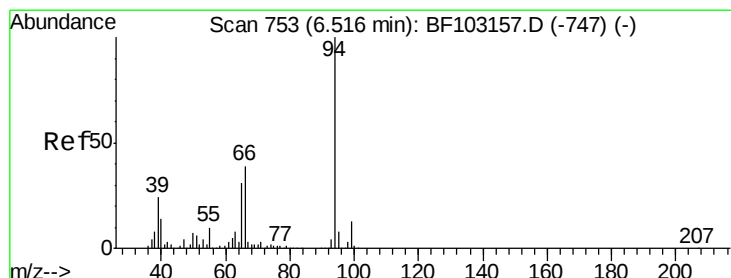
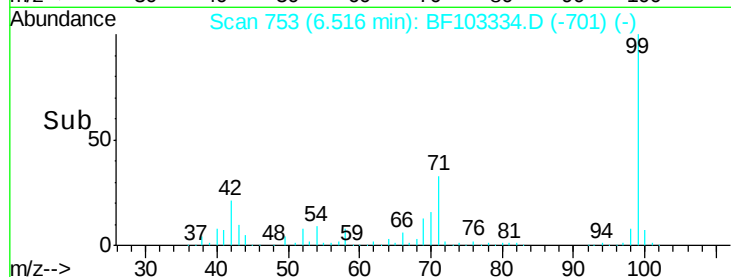
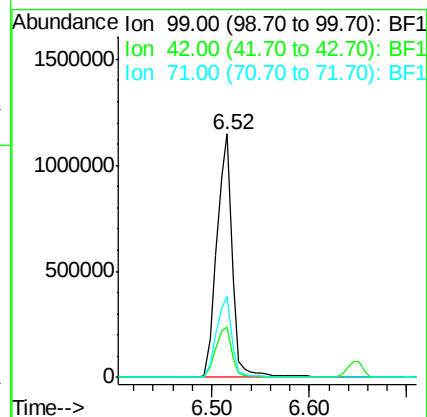
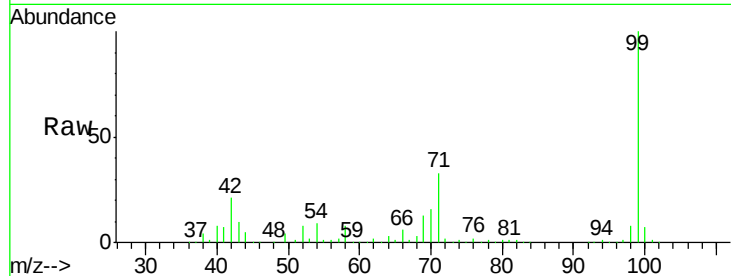
99 100

42 20.9 14.5 21.7

71 33.3 25.4 38.0

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#10

Phenol

Concen: 6.296 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF103334.D

Acq: 1 Mar 2018 14:09

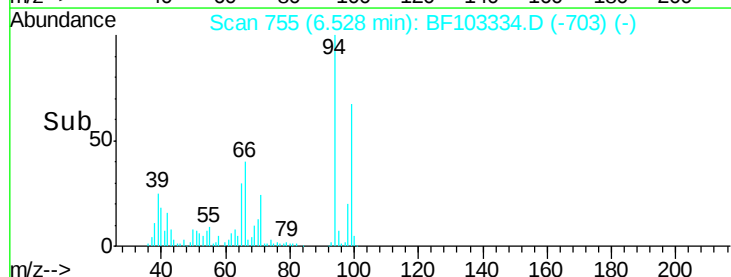
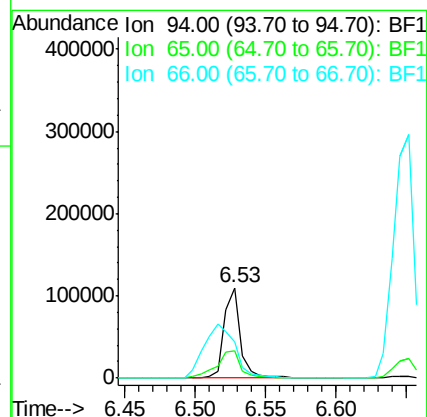
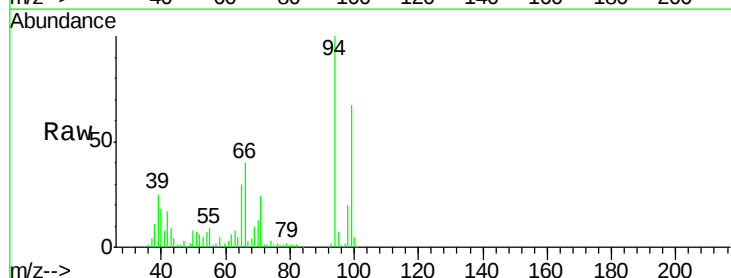
Tgt Ion: 94 Resp: 89204

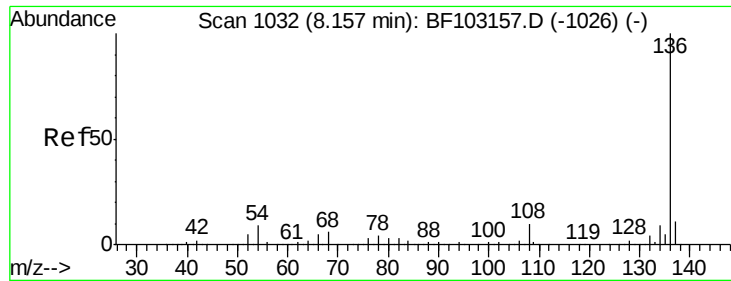
Ion Ratio Lower Upper

94 100

65 30.5 7.9 47.9

66 39.9 16.2 56.2





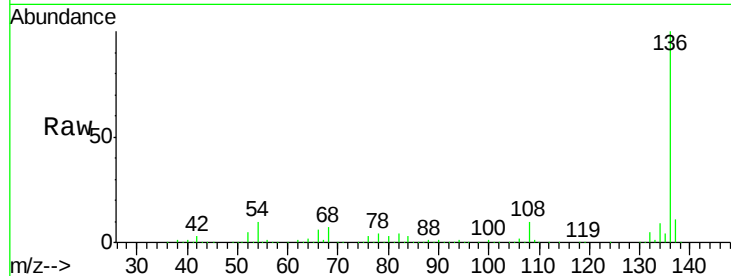
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BF103334.D
Acq: 1 Mar 2018 14:09

Instrument :
BNA_F
ClientSampled :
SP-44

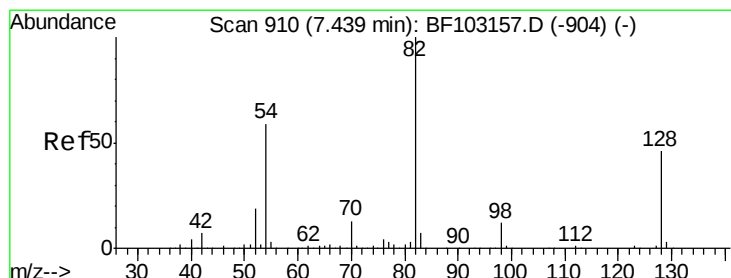
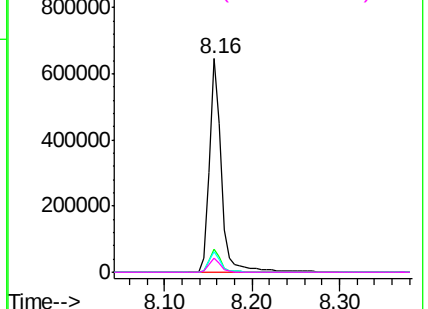
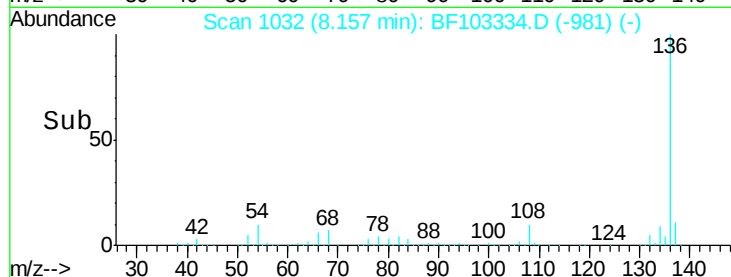
Tot Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	9.7	6.6	9.8
68	6.6	5.0	7.4

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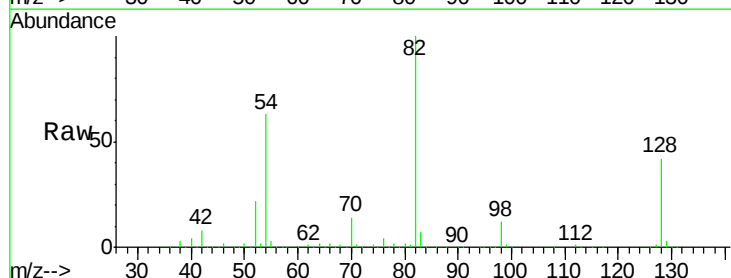


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

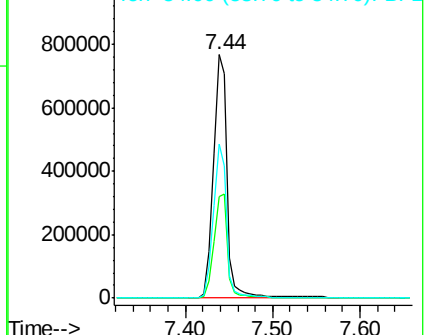
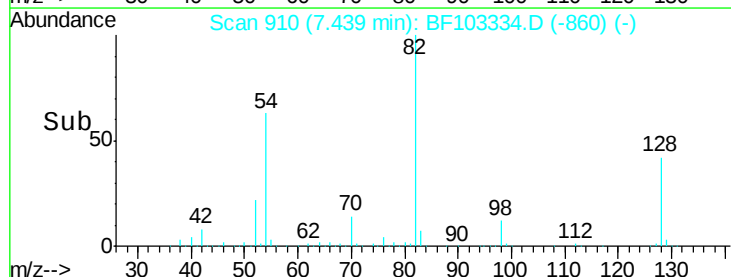


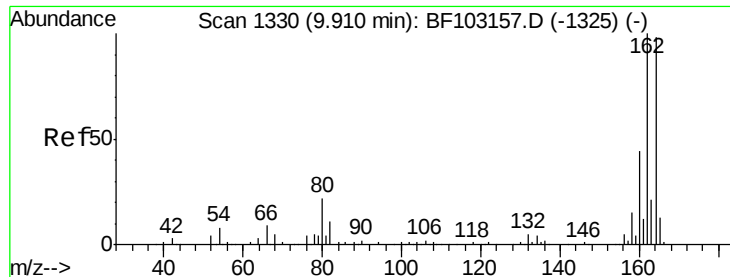
#23
Nitrobenzene-d5
Concen: 78.481 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF103334.D
Acq: 1 Mar 2018 14:09

Tgt Ion	Ratio	Lower	Upper
82	100		
128	41.8	36.1	54.1
54	63.3	41.4	62.2#



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





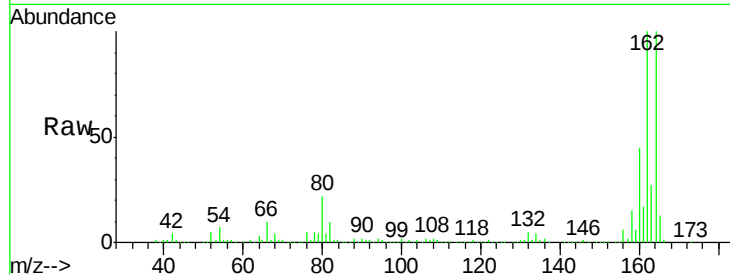
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.00 min
Lab File: BF103334.D
Acq: 1 Mar 2018 14:09

Instrument :
BNA_F
ClientSampled :
SP-44

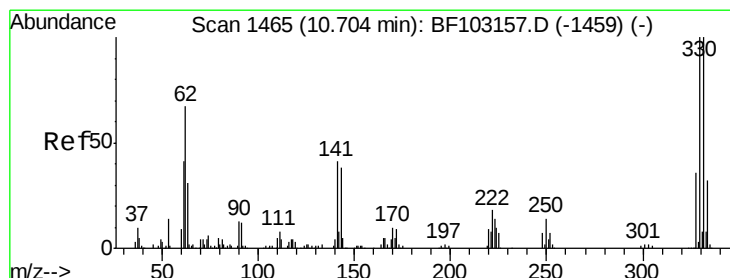
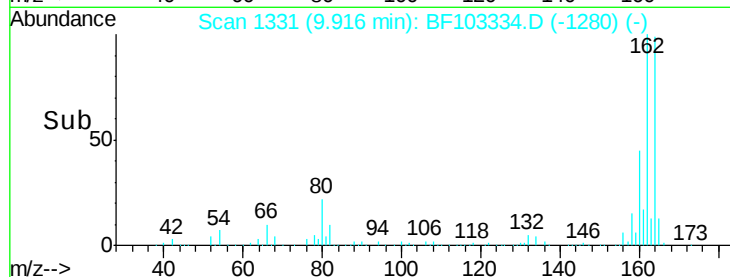
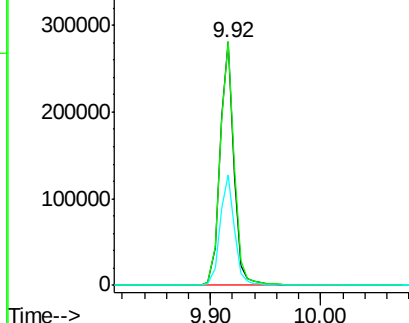
Tot Ion	Ratio	Resp	Lower	Upper
164	100	245319		
162	99.9	86.1	129.1	
160	45.4	38.3	57.5	

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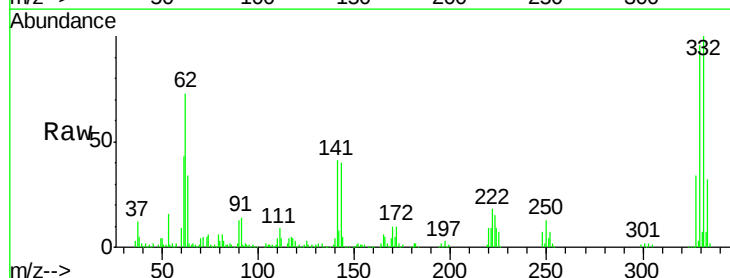


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

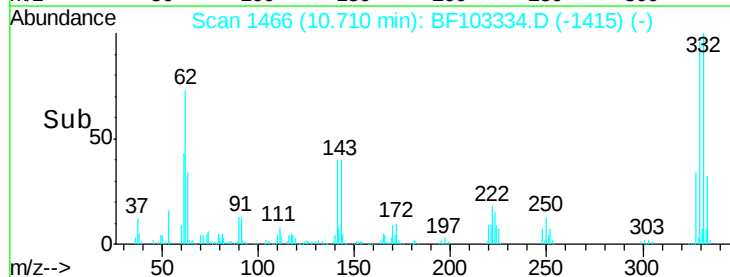
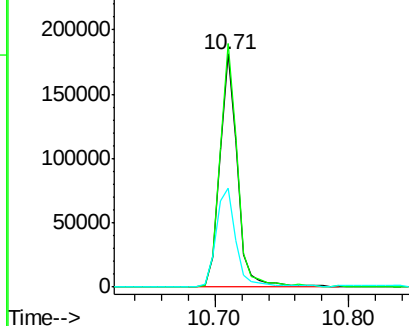


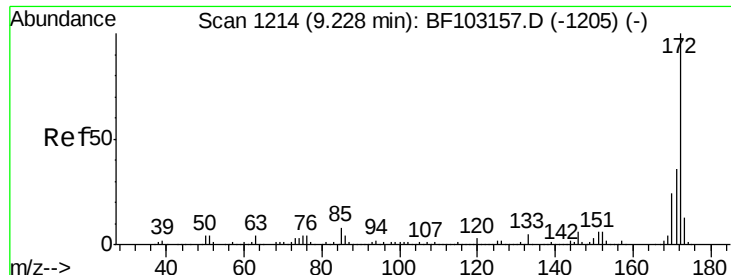
#41
2,4,6-Tribromophenol
Concen: 82.034 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.00 min
Lab File: BF103334.D
Acq: 1 Mar 2018 14:09

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	170342		
332	103.6	77.0	115.6	
141	46.5	29.9	44.9#	



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





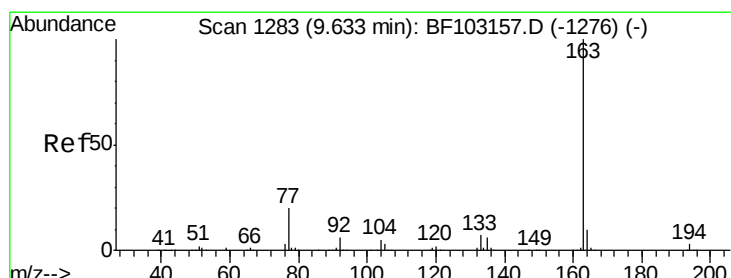
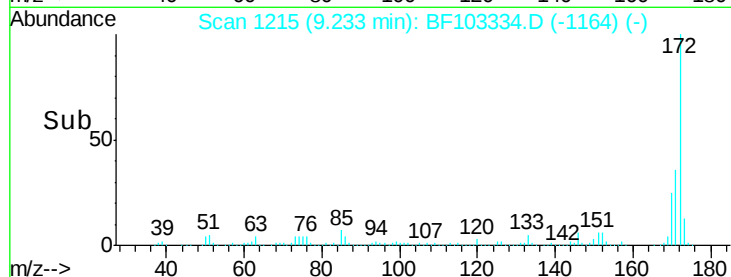
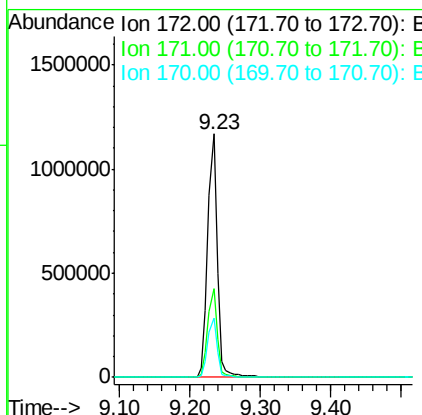
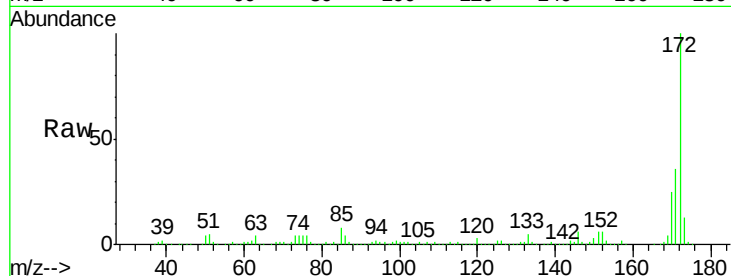
#44
2-Fluorobiphenyl
Concen: 75.916 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.00 min
Lab File: BF103334.D
Acq: 1 Mar 2018 14:09

Instrument :
BNA_F
ClientSampleId :
SP-44

Tot Ion	Ion	Ratio	Lower	Upper
172	100			
171	36.4	29.7	44.5	
170	24.5	19.6	29.4	

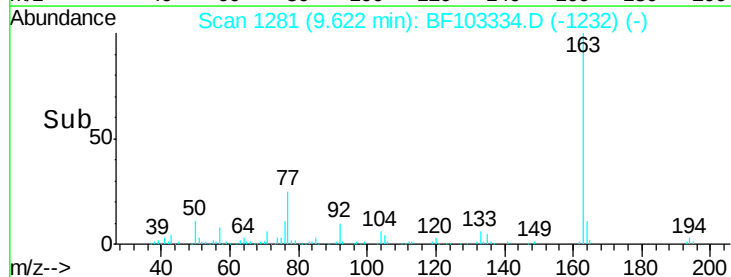
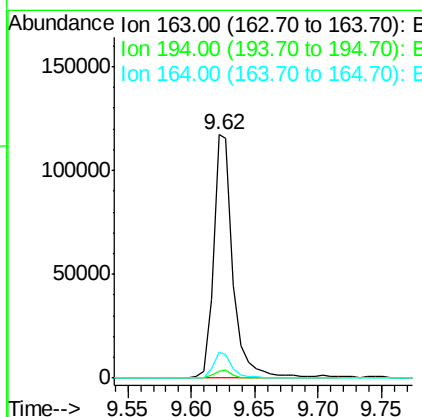
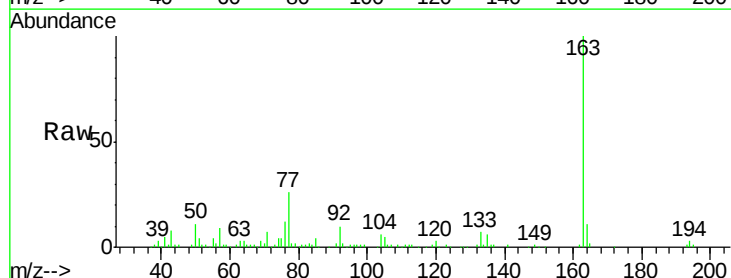
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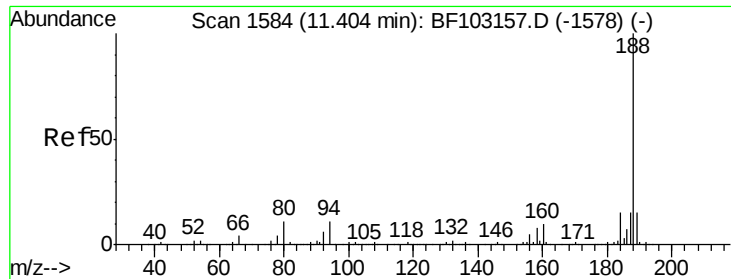
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#49
Dimethylphthalate
Concen: 6.479 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF103334.D
Acq: 1 Mar 2018 14:09

Tgt Ion	Ion	Ratio	Lower	Upper
163	100			
194	3.0	2.7	4.1	
164	10.6	8.2	12.2	





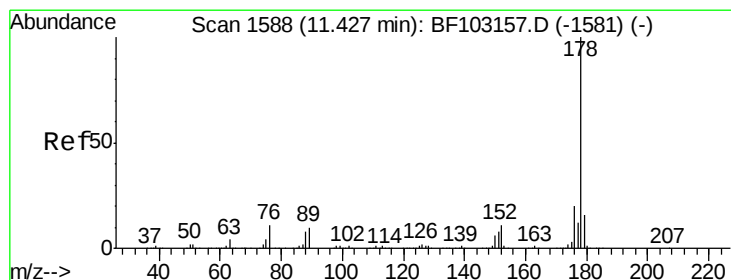
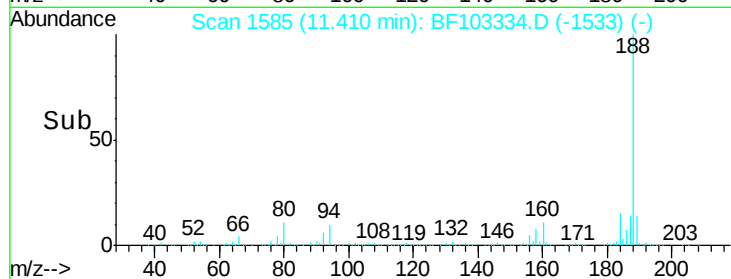
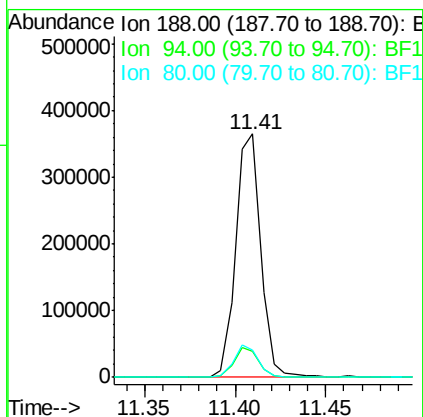
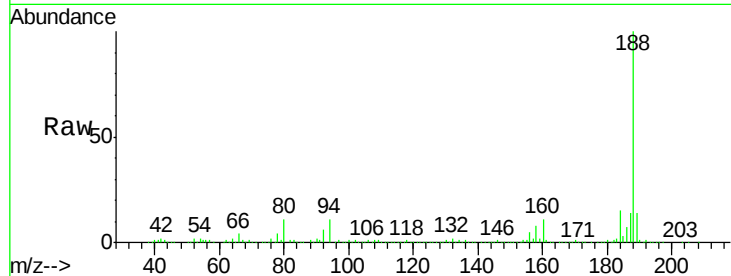
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. 0.01 min
Lab File: BF103334.D
Acq: 1 Mar 2018 14:09

Instrument :
BNA_F
ClientSampled :
SP-44

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	10.6	8.5	12.7
80	11.2	9.2	13.8

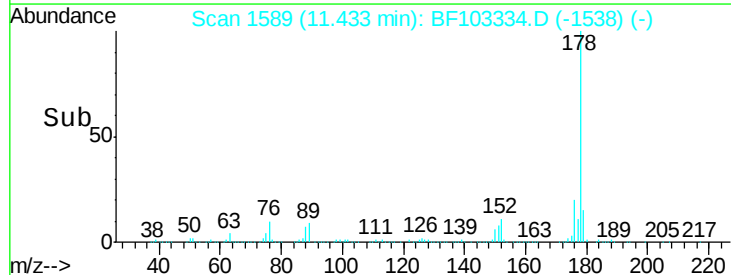
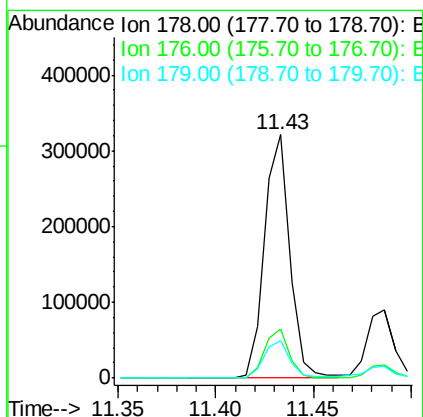
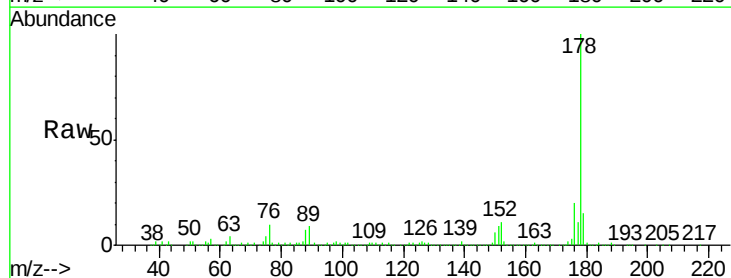
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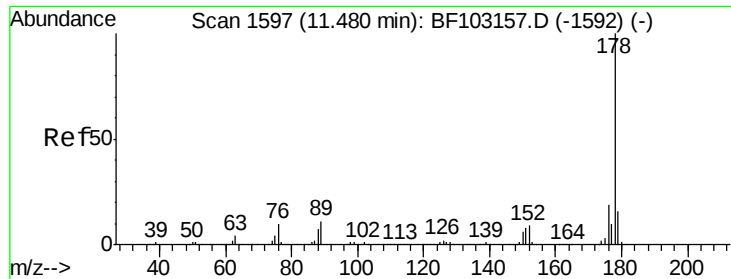
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#70
Phenanthrene
Concen: 15.076 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.00 min
Lab File: BF103334.D
Acq: 1 Mar 2018 14:09

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	20.4	15.8	23.8
179	15.3	13.0	19.6





#71

Anthracene

Concen: 4.550 ng

RT: 11.49 min Scan# 1598

Delta R.T. -0.00 min

Lab File: BF103334.D

Acq: 1 Mar 2018 14:09

Instrument :

BNA_F

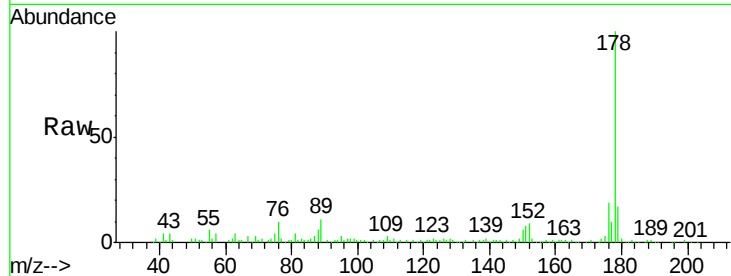
ClientSampled :

SP-44

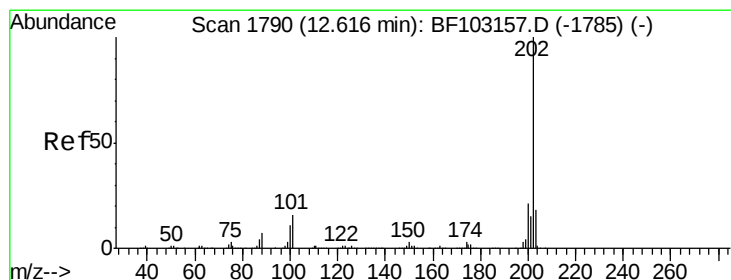
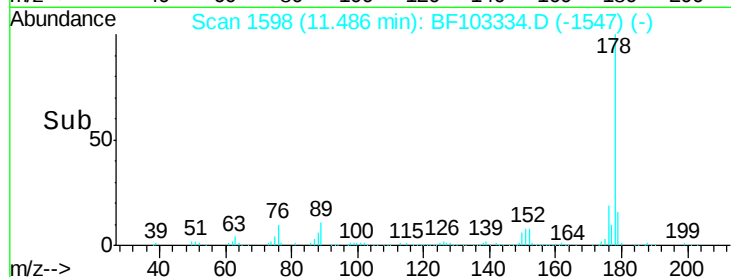
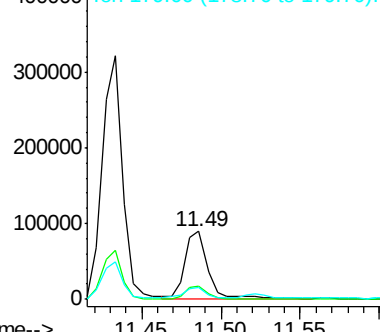
Tot Ion:	178	Resp:	89778
Ion Ratio	Lower	Upper	
178	100		
176	19.3	15.4	23.2
179	16.8	12.6	19.0

Manual Integrations
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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: 25.046 ng

RT: 12.63 min Scan# 1792

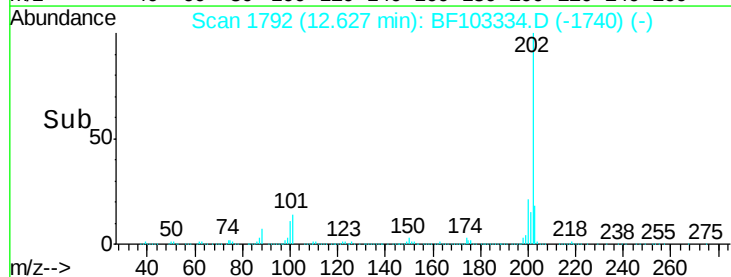
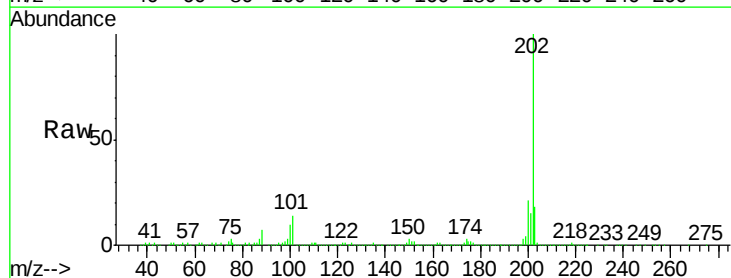
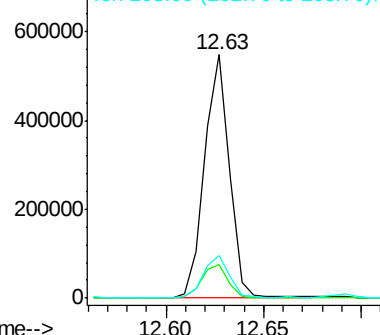
Delta R.T. 0.01 min

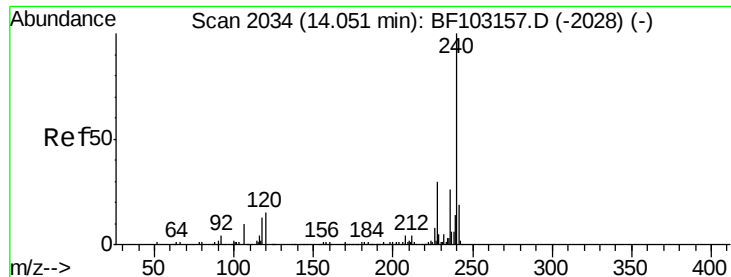
Lab File: BF103334.D

Acq: 1 Mar 2018 14:09

Tgt Ion:	202	Resp:	484268
Ion Ratio	Lower	Upper	
202	100		
101	14.0	0.0	34.1
203	17.7	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: 14.06 min Scan# 2036

Delta R.T. 0.01 min

Lab File: BF103334.D

Acq: 1 Mar 2018 14:09

Instrument :

BNA_F

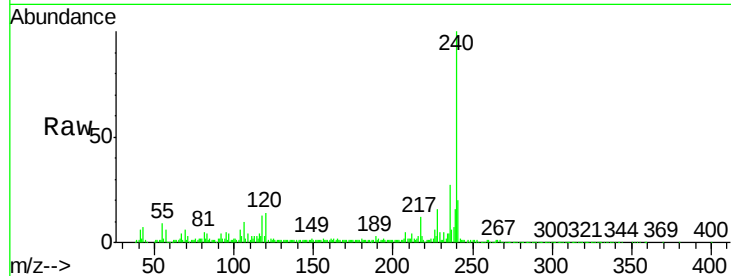
ClientSampled :

SP-44

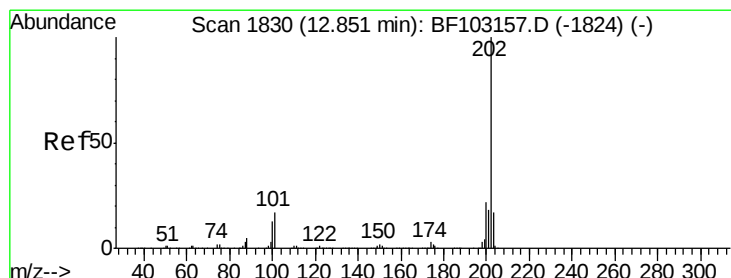
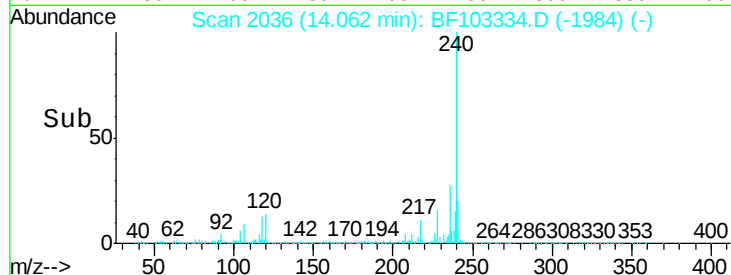
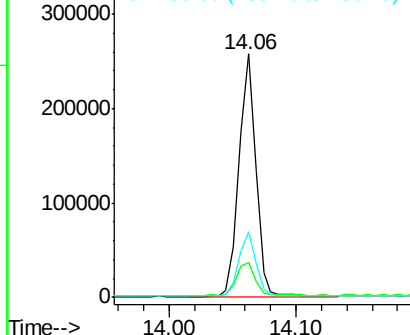
Tot Ion:	240	Resp:	234531
Ion Ratio	Lower	Upper	
240	100		
120	14.2	9.5	14.3
236	27.2	20.7	31.1

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Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 25.934 ng

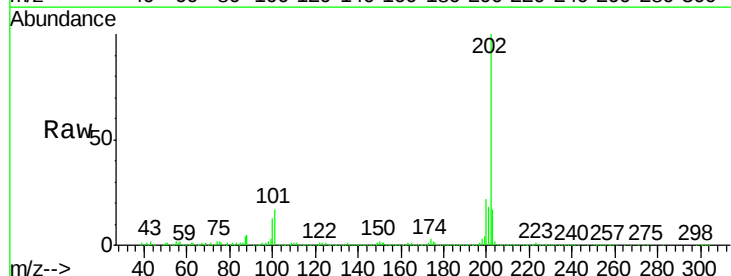
RT: 12.86 min Scan# 1831

Delta R.T. -0.00 min

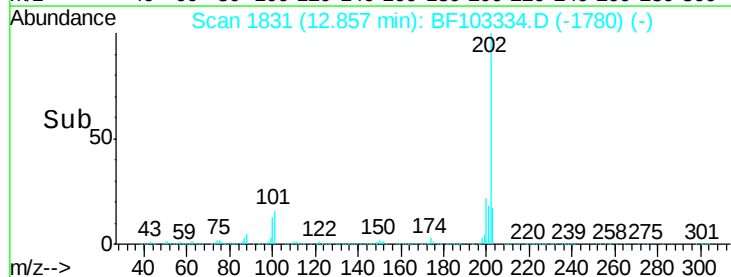
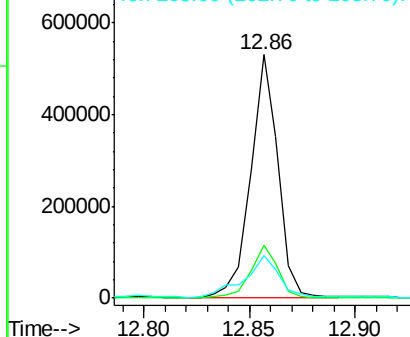
Lab File: BF103334.D

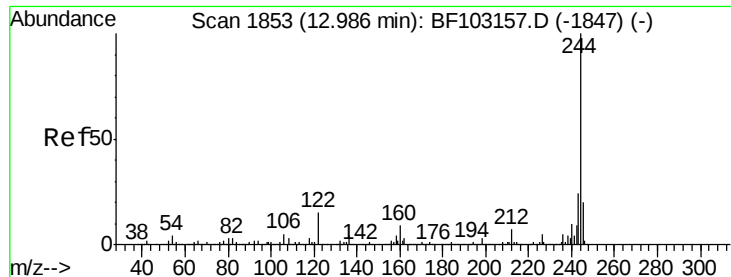
Acq: 1 Mar 2018 14:09

Tgt Ion:	202	Resp:	474219
Ion Ratio	Lower	Upper	
202	100		
200	21.6	17.4	26.2
203	17.4	14.3	21.5



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 73.425 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.00 min

Lab File: BF103334.D

Acq: 1 Mar 2018 14:09

Instrument :

BNA_F

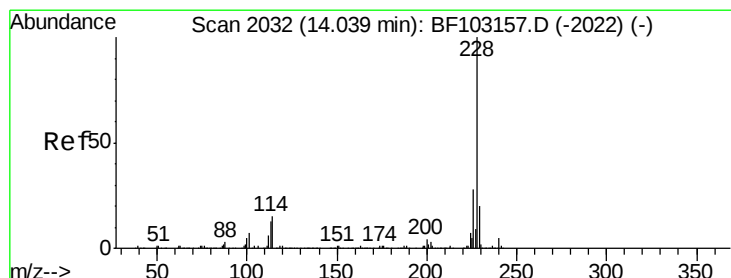
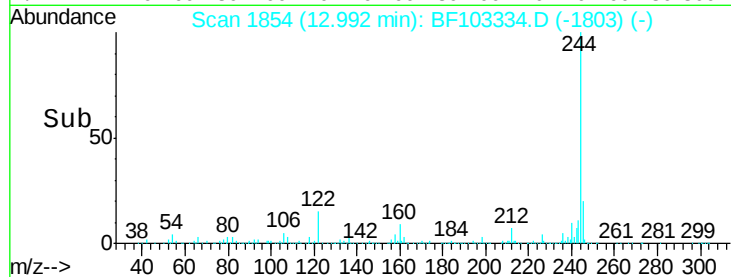
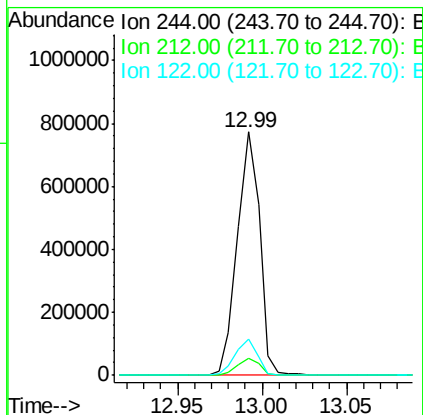
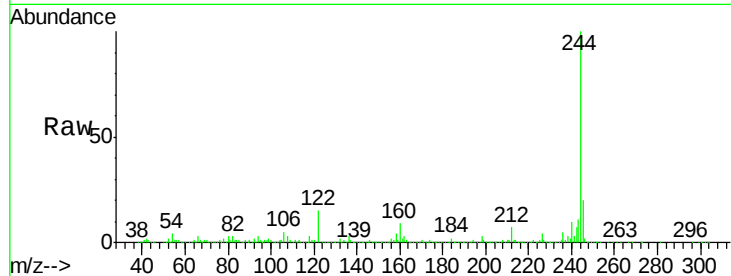
ClientSampleId :

SP-44

Tot Ion:	244	Resp:	716363
Ion Ratio	Lower	Upper	
244	100		
212	7.3	5.4	8.0
122	14.9	11.0	16.4

Manual Integrations
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#80

Benzo(a)anthracene

Concen: 14.998 ng

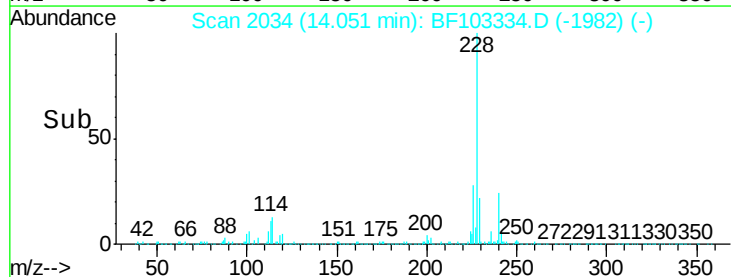
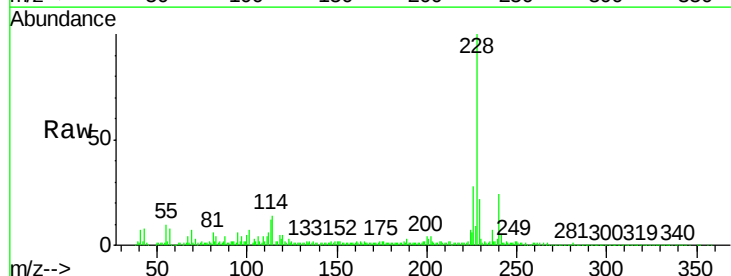
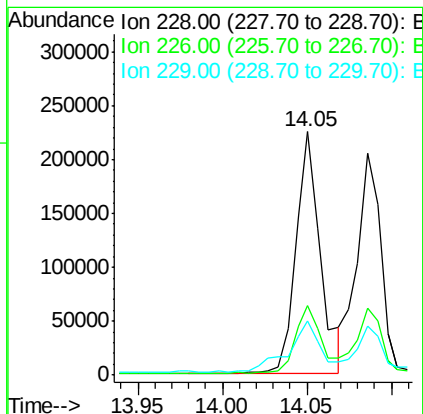
RT: 14.05 min Scan# 2034

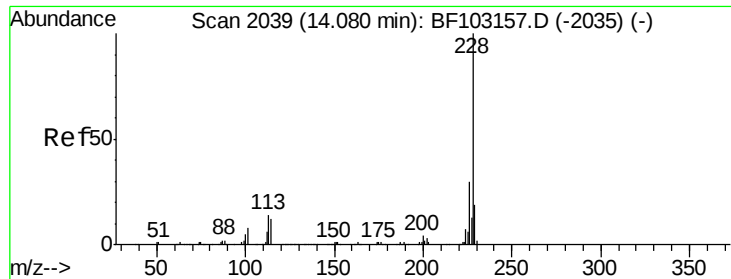
Delta R.T. 0.01 min

Lab File: BF103334.D

Acq: 1 Mar 2018 14:09

Tgt Ion:	228	Resp:	228232
Ion Ratio	Lower	Upper	
228	100		
226	28.3	22.6	33.8
229	22.3	15.8	23.6





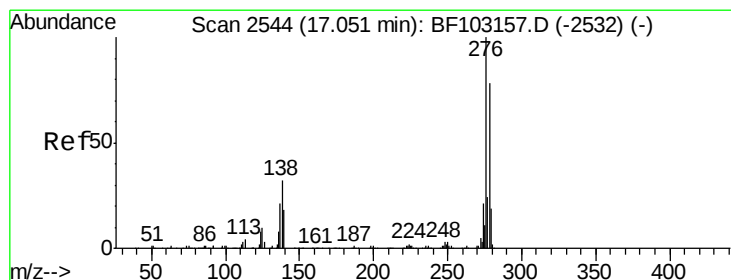
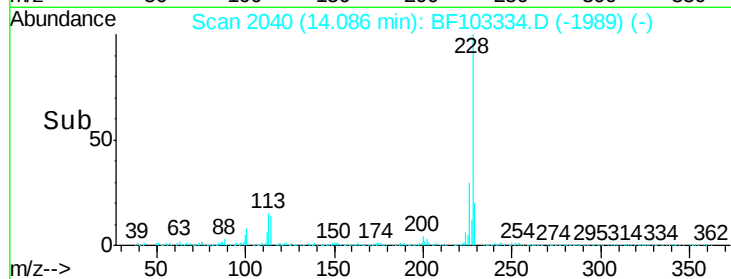
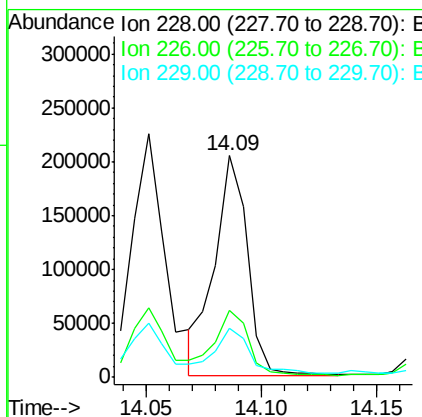
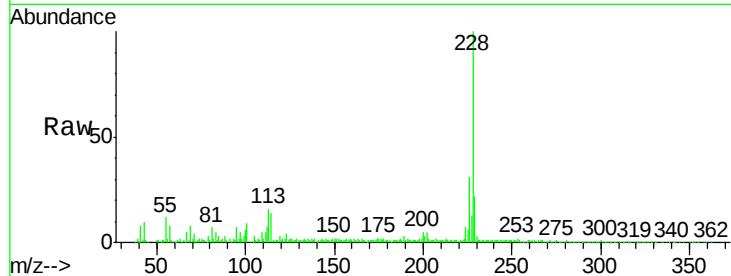
#82
Chrysene
Concen: 13.684 ng
RT: 14.09 min Scan# 2040
Delta R.T. -0.00 min
Lab File: BF103334.D
Acq: 1 Mar 2018 14:09

Instrument :
BNA_F
ClientSampled :
SP-44

Tot Ion:	228	Resp:	202185
Ion Ratio	Lower	Upper	
228	100		
226	30.5	25.0	37.6
229	21.9	16.2	24.4

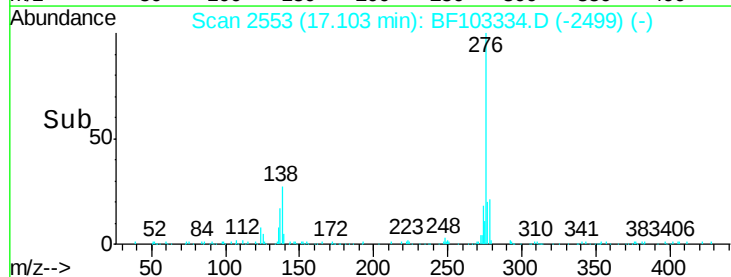
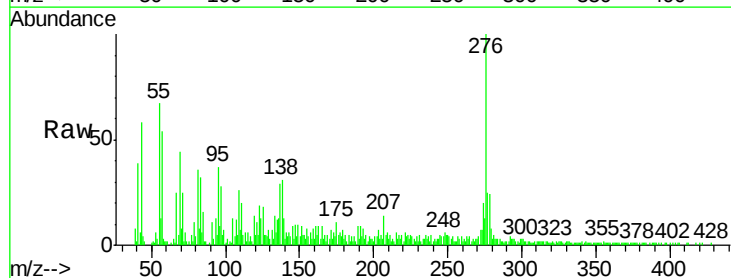
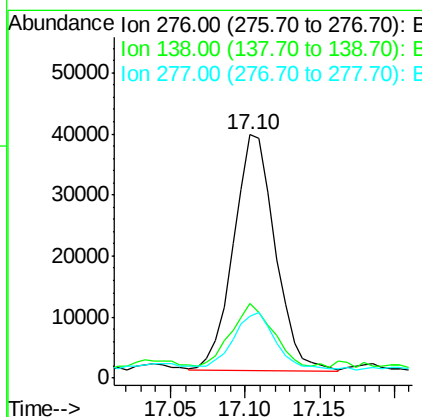
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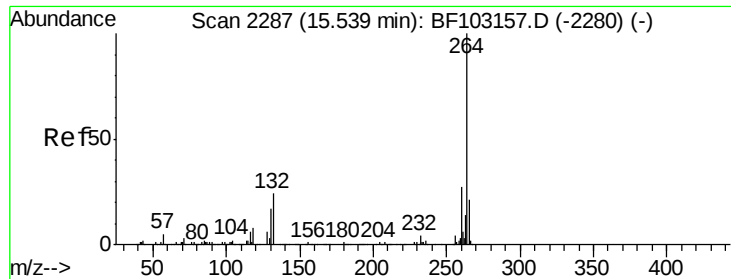
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#85
Indeno(1,2,3-cd)pyrene
Concen: 6.415 ng
RT: 17.10 min Scan# 2553
Delta R.T. 0.02 min
Lab File: BF103334.D
Acq: 1 Mar 2018 14:09

Tgt Ion:	276	Resp:	75044
Ion Ratio	Lower	Upper	
276	100		
138	26.7	25.0	37.6
277	25.9	20.1	30.1





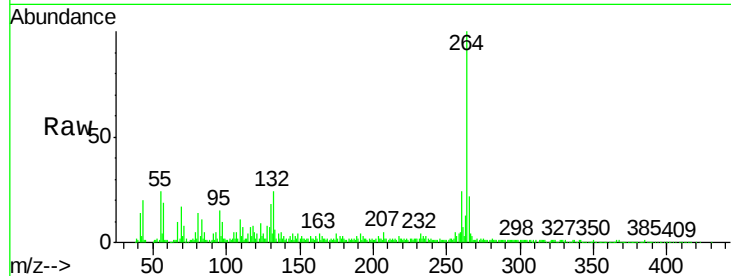
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.57 min Scan# 2293
Delta R.T. 0.02 min
Lab File: BF103334.D
Acq: 1 Mar 2018 14:09

Instrument :
BNA_F
ClientSampleId :
SP-44

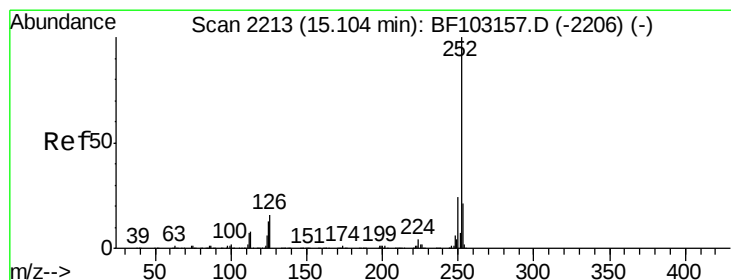
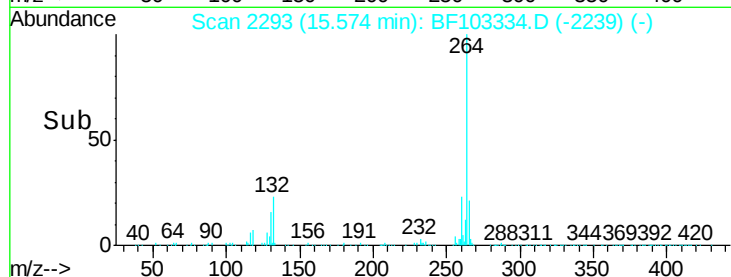
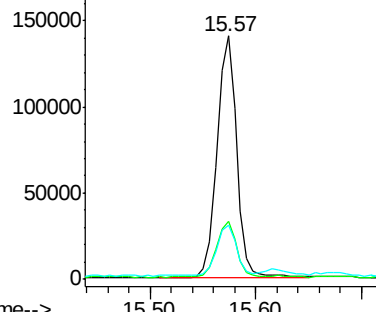
Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	22.5	17.5	26.3

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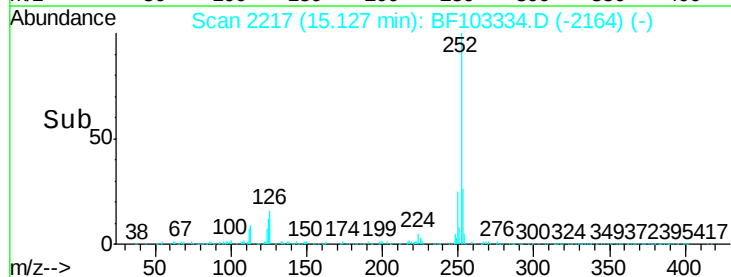
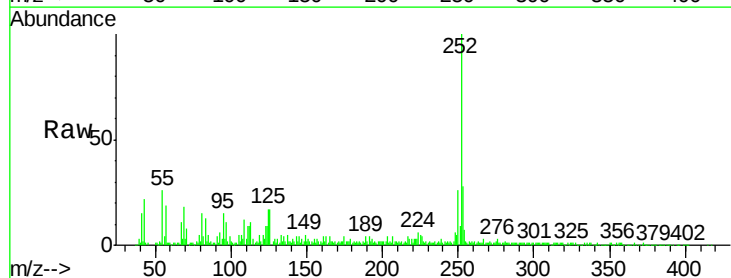
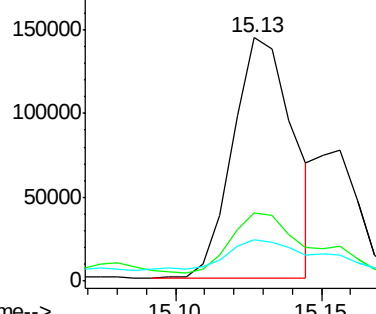
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

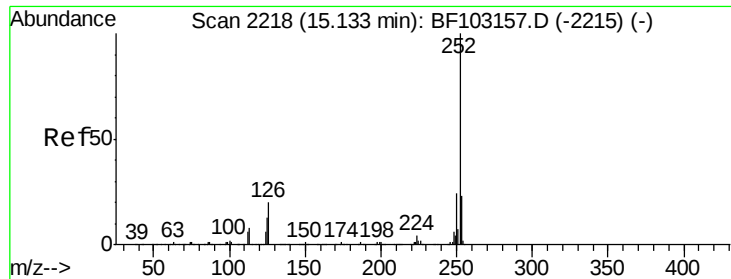


#87
Benzo(b)fluoranthene
Concen: 17.505 ng m
RT: 15.13 min Scan# 2217
Delta R.T. 0.01 min
Lab File: BF103334.D
Acq: 1 Mar 2018 14:09

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.9	17.0	25.6#
125	16.7	9.0	13.6#

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





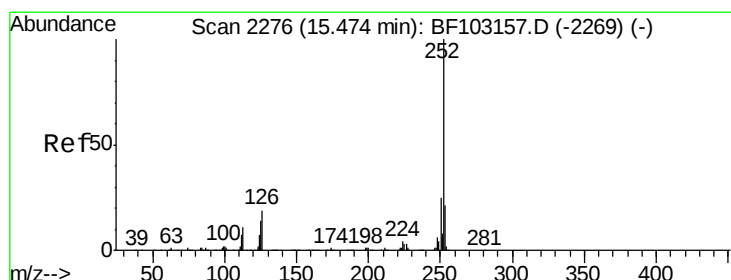
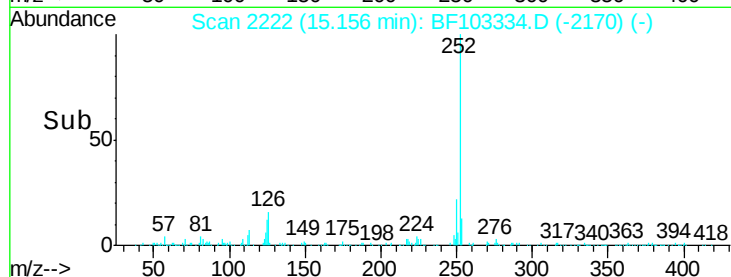
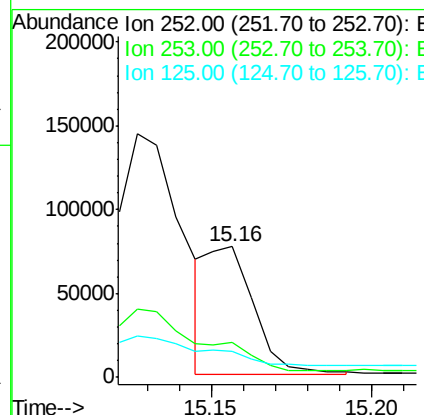
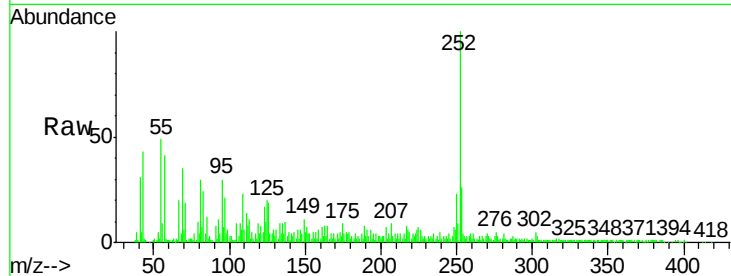
#88
Benzo(k)fluoranthene
Concen: 6.909 ng m
RT: 15.16 min Scan# 2222
Delta R.T. 0.01 min
Lab File: BF103334.D
Acq: 1 Mar 2018 14:09

Instrument :
BNA_F
ClientSampled :
SP-44

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.4	17.9	26.9
125	20.1	10.2	15.2

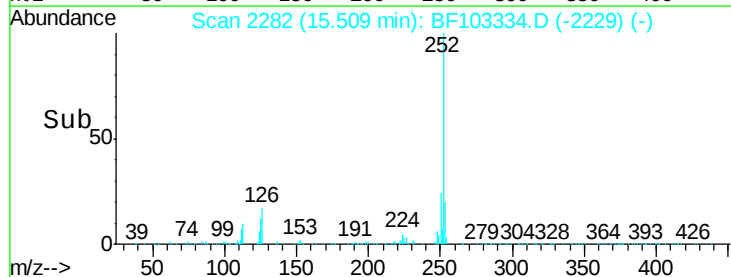
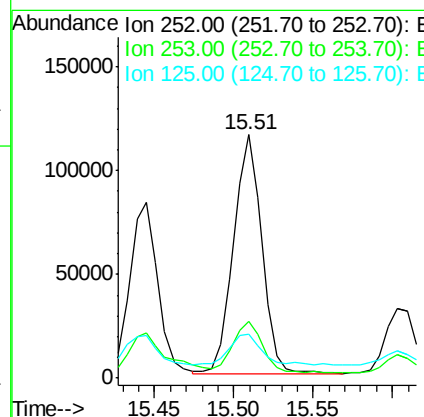
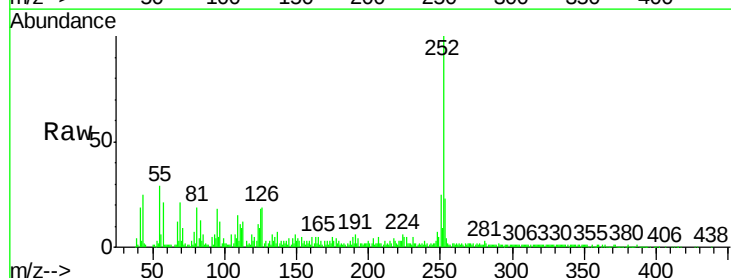
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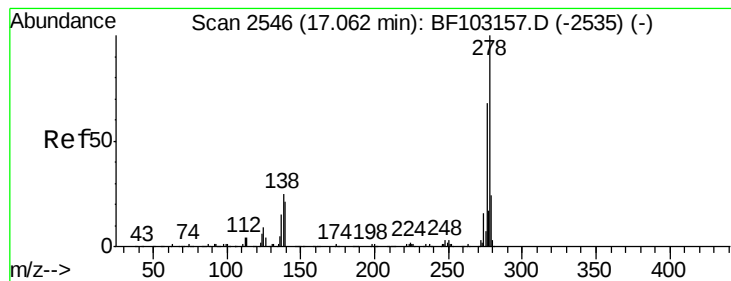
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#89
Benzo(a)pyrene
Concen: 13.580 ng
RT: 15.51 min Scan# 2282
Delta R.T. 0.01 min
Lab File: BF103334.D
Acq: 1 Mar 2018 14:09

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.1	25.7
125	18.1	9.8	14.6





#90

Dibenzo(a,h)anthracene

Concen: 2.502 ng

RT: 17.10 min Scan# 2553

Delta R.T. 0.01 min

Lab File: BF103334.D

Acq: 1 Mar 2018 14:09

Instrument :

BNA_F

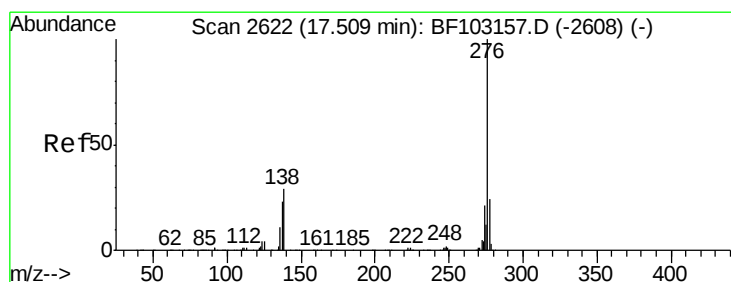
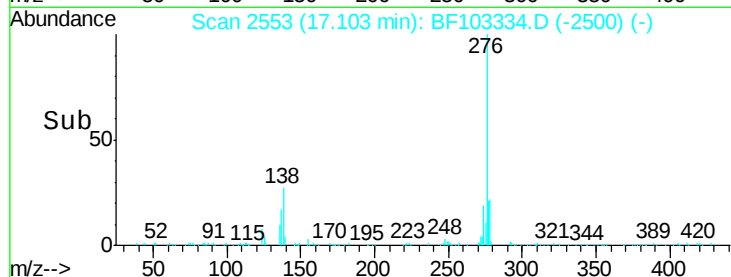
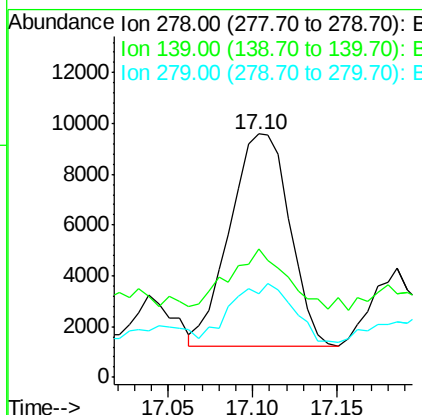
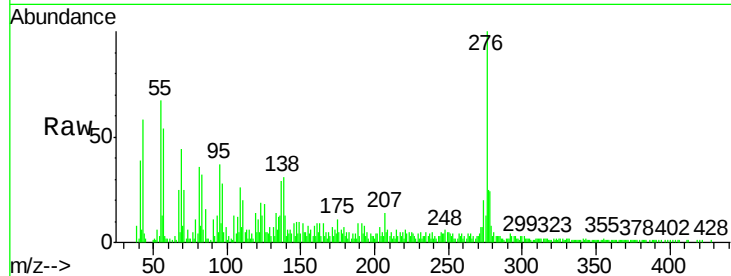
ClientSampled :

SP-44

Tot Ion:	278	Resp:	20498
Ion Ratio	Lower	Upper	
278	100		
139	52.7	15.9	23.9#
279	34.2	19.0	28.4#

Manual Integrations
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#91

Benzo(g,h,i)perylene

Concen: 9.277 ng

RT: 17.57 min Scan# 2633

Delta R.T. 0.04 min

Lab File: BF103334.D

Acq: 1 Mar 2018 14:09

Tgt Ion:	276	Resp:	74287
Ion Ratio	Lower	Upper	
276	100		
277	28.1	17.9	26.9#
138	34.3	21.8	32.8#

