

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030618\
 Data File : BF103468.D
 Acq On : 6 Mar 2018 21:02
 Operator : SJ/JU
 Sample : J1722-11
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-7

Manual Integrations
 APPROVED

Sohil
 3/7/2018 12:17:23 PM

Quant Time: Mar 07 01:09:52 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 06 11:52:59 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	129346	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	533486	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	213567	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	310581	20.00	ng	0.00
75) Chrysene-d12	14.06	240	205740	20.00	ng	0.00
86) Perylene-d12	15.57	264	154990	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	955782	111.76	ng	0.00
7) Phenol-d6	6.51	99	1151357	110.02	ng	0.00
23) Nitrobenzene-d5	7.44	82	730881	78.24	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	135555	74.99	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	954967	74.85	ng	0.00
78) Terphenyl-d14	12.99	244	610153	71.29	ng	0.00
Target Compounds						
10) Phenol	6.52	94	88238	7.263	ng	Qvalue # 72
49) Dimethylphthalate	9.62	163	91845	5.361	ng	100
70) Phenanthrene	11.43	178	127052	7.433	ng	98
71) Anthracene	11.49	178	39697	2.265	ng	97
74) Fluoranthene	12.63	202	247598	14.416	ng	99
77) Pyrene	12.86	202	243125	15.157	ng	99
80) Benzo(a)anthracene	14.05	228	107250	8.034	ng	97
82) Chrysene	14.09	228	102200	7.885	ng	97
83) Bis(2-ethylhexyl)phthalate	14.01	149	25957	2.270	ng	99
85) Indeno(1,2,3-cd)pyrene	17.13	276	39286	3.828	ng	97
87) Benzo(b)fluoranthene	15.13	252	103775m	10.184	ng	
88) Benzo(k)fluoranthene	15.16	252	37733m	3.932	ng	
89) Benzo(a)pyrene	15.52	252	70533	7.751	ng	# 91
91) Benzo(a,h,i)perylene	17.60	276	38790	5.644	ng	# 87

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

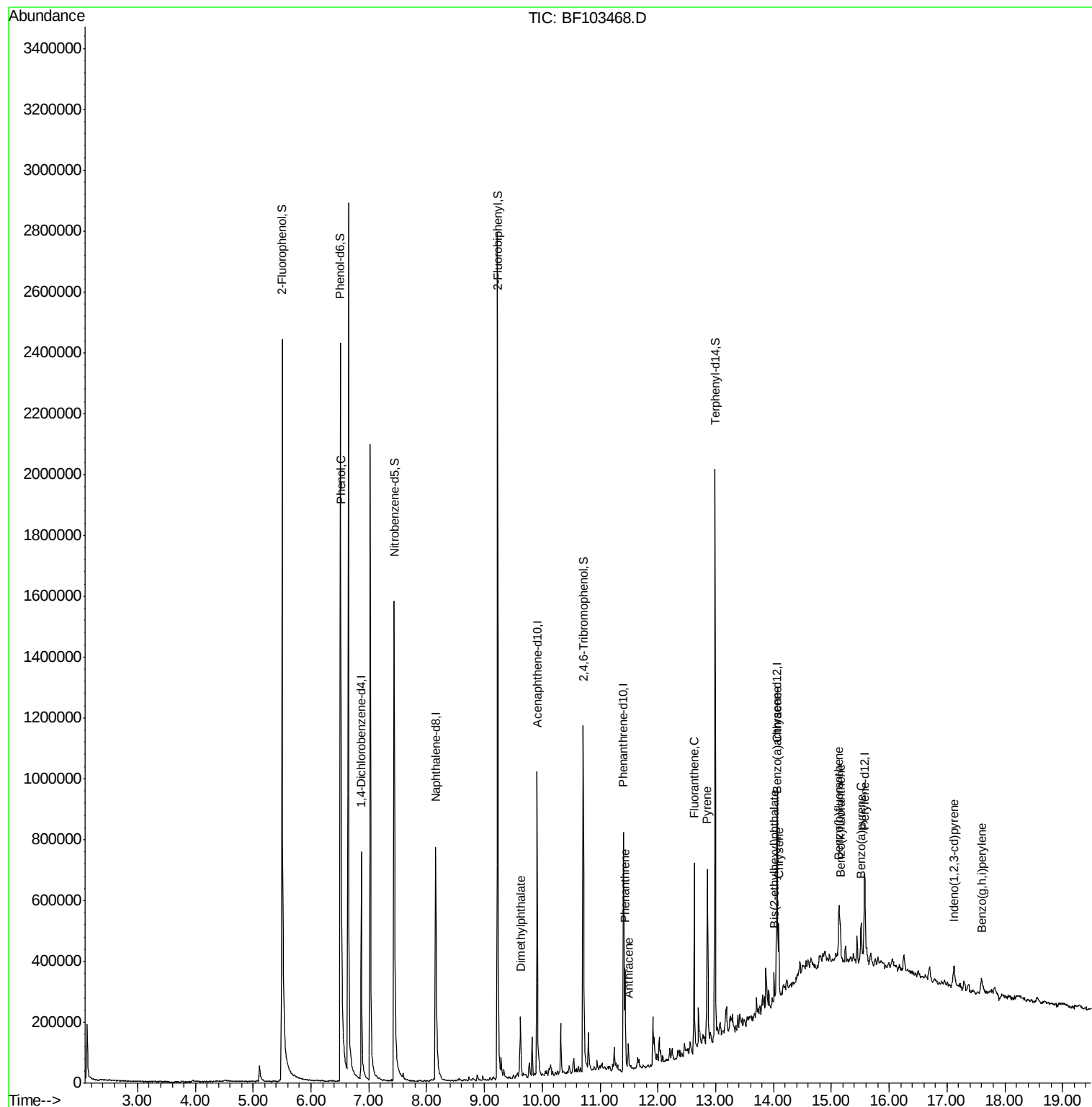
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030618\
Data File : BF103468.D
Acq On : 6 Mar 2018 21:02
Operator : SJ/JU
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Instrument :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1

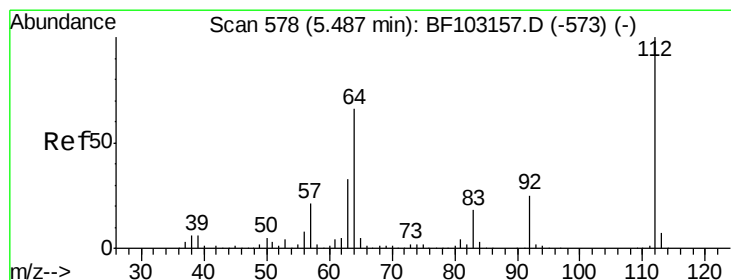
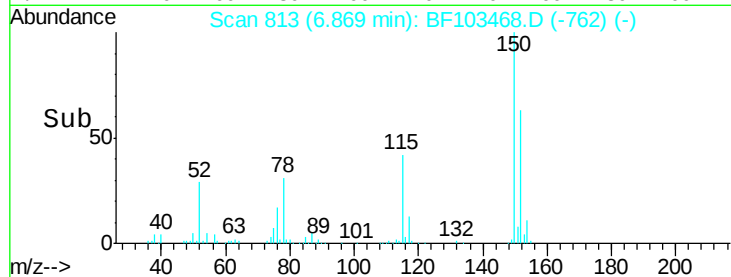
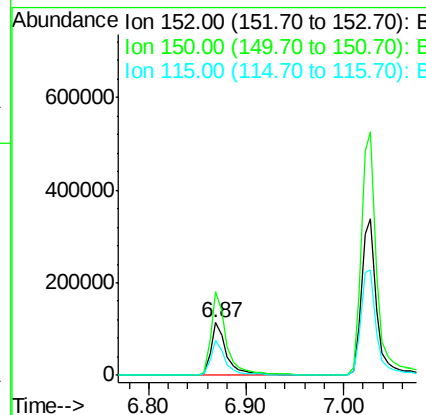
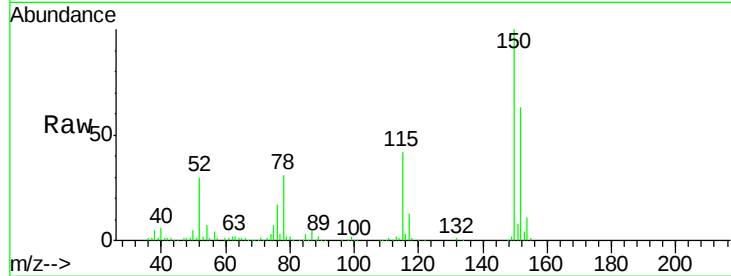
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.00 min
Lab File: BF103468.D
Acq: 6 Mar 2018 21:02

Instrument :
BNA_F
ClientSampleId :
SP-7

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.3	124.6	186.8
115	66.8	50.1	75.1

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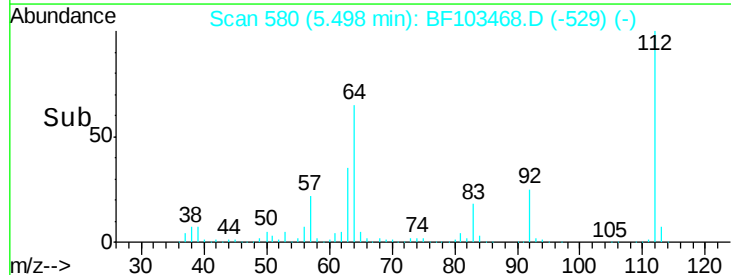
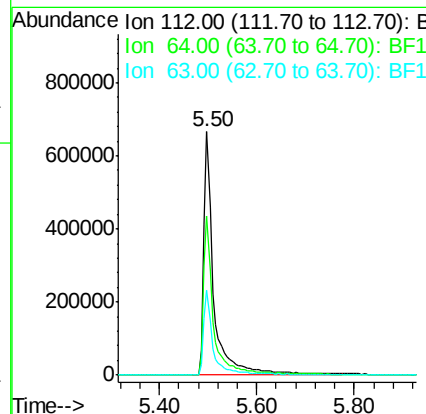
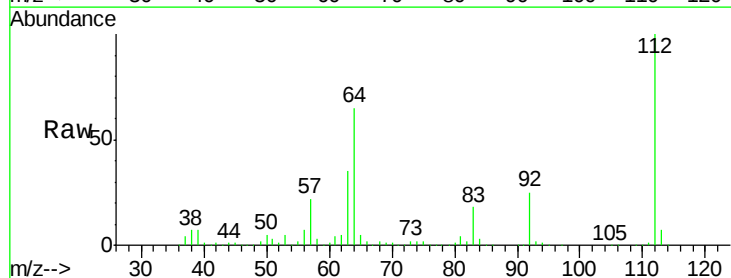
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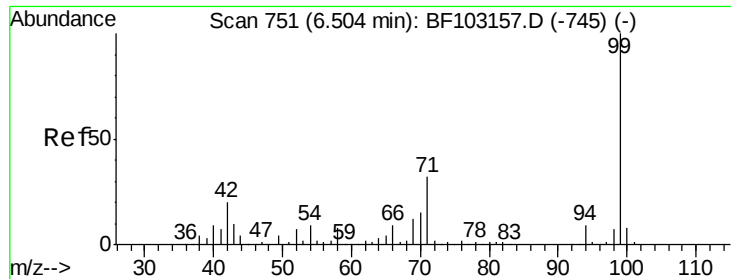


#5

2-Fluorophenol
Concen: 111.759 ng
RT: 5.50 min Scan# 580
Delta R.T. -0.00 min
Lab File: BF103468.D
Acq: 6 Mar 2018 21:02

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.2	47.9	71.9
63	34.9	23.7	35.5





#7

Phenol-d6

Concen: 110.021 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF103468.D

Acq: 6 Mar 2018 21:02

Instrument :

BNA_F

ClientSampled :

SP-7

Tot Ion: 99 Resp: 1151357

Ion Ratio Lower Upper

99 100

42 20.9 14.5 21.7

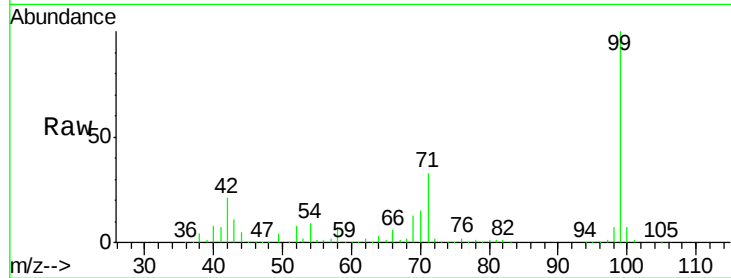
71 33.4 25.4 38.0

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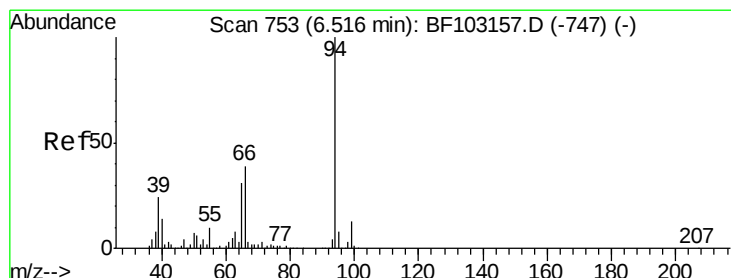
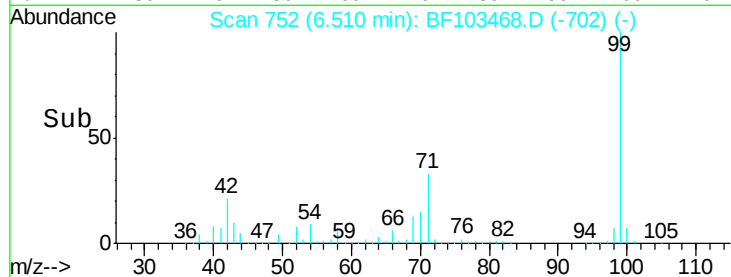
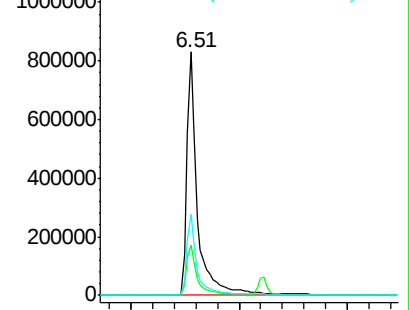
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 7.263 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF103468.D

Acq: 6 Mar 2018 21:02

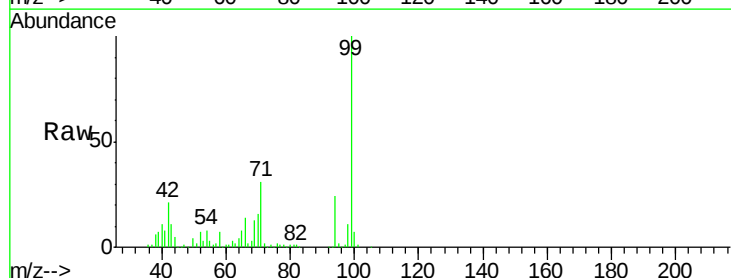
Tgt Ion: 94 Resp: 88238

Ion Ratio Lower Upper

94 100

65 34.3 7.9 47.9

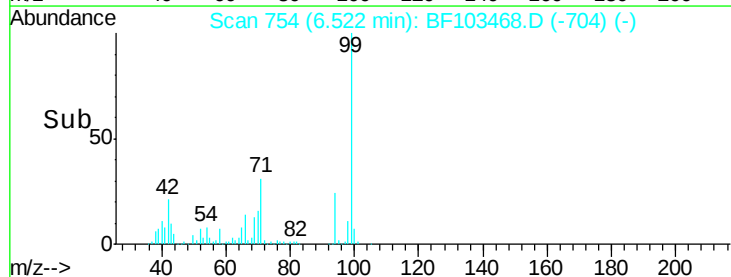
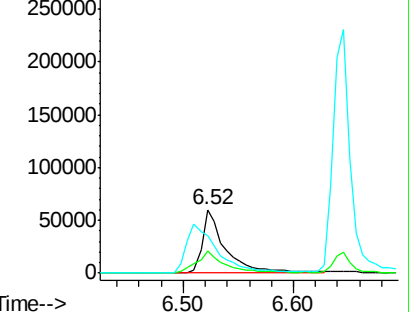
66 59.6 16.2 56.2#



Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





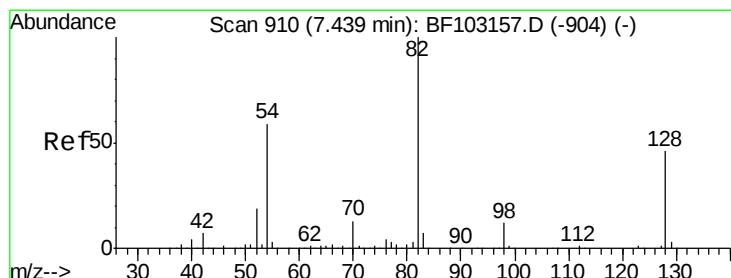
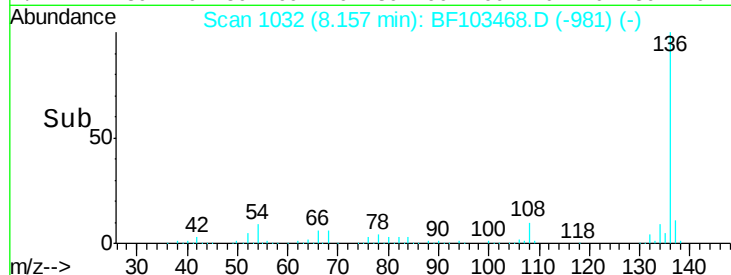
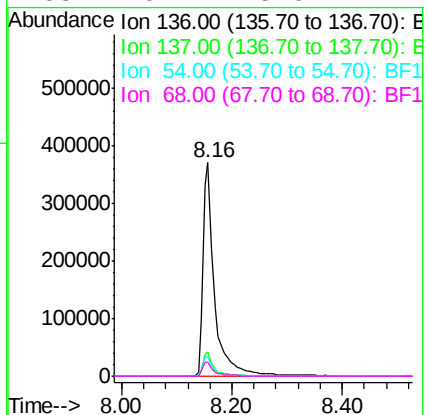
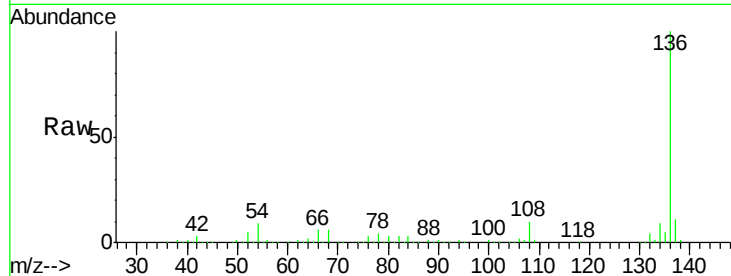
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BF103468.D
Acq: 6 Mar 2018 21:02

Instrument :
BNA_F
ClientSampled :
SP-7

Tot Ion	Ratio	Resp	Lower	Upper
136	100	533486		
137	11.1	8.9	13.3	
54	9.2	6.6	9.8	
68	6.4	5.0	7.4	

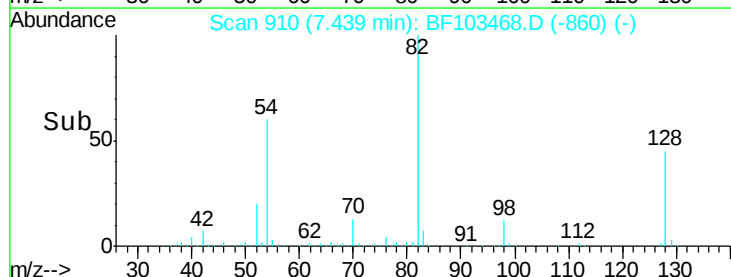
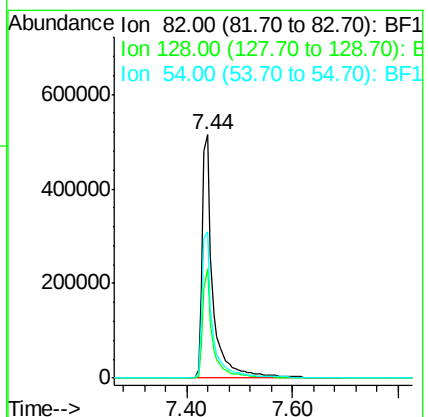
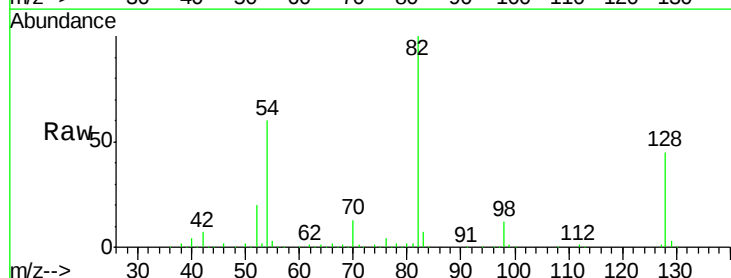
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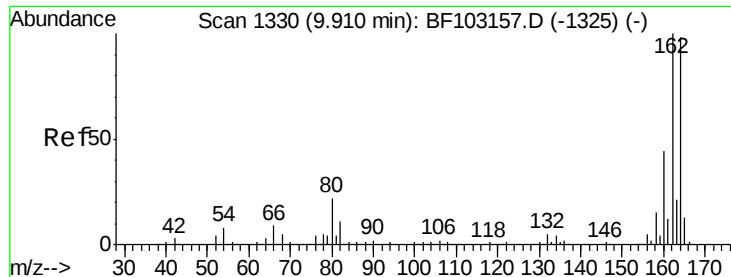
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#23
Nitrobenzene-d5
Concen: 78.239 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF103468.D
Acq: 6 Mar 2018 21:02

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	730881		
128	44.9	36.1	54.1	
54	60.0	41.4	62.2	





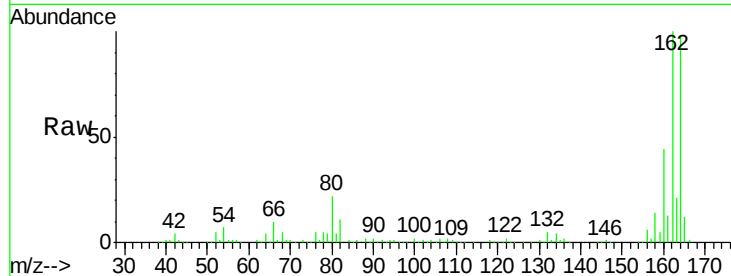
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BF103468.D
Acq: 6 Mar 2018 21:02

Instrument :
BNA_F
ClientSampleId :
SP-7

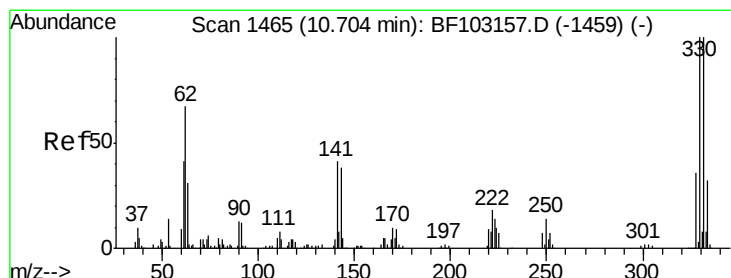
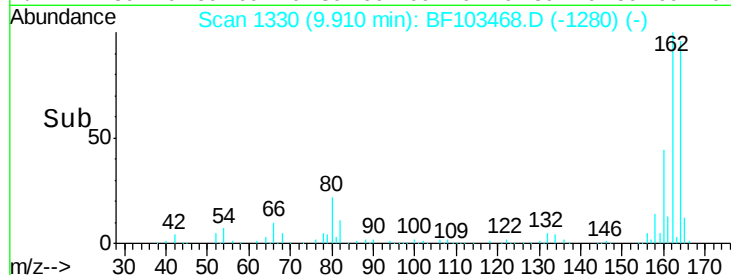
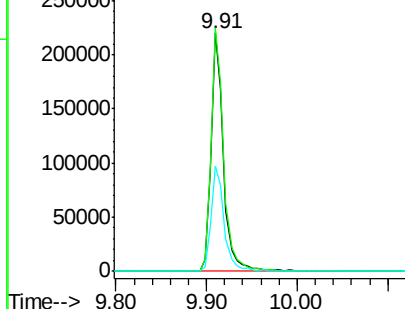
Tot Ion	Ratio	Lower	Upper
164	100		
162	102.2	86.1	129.1
160	44.5	38.3	57.5

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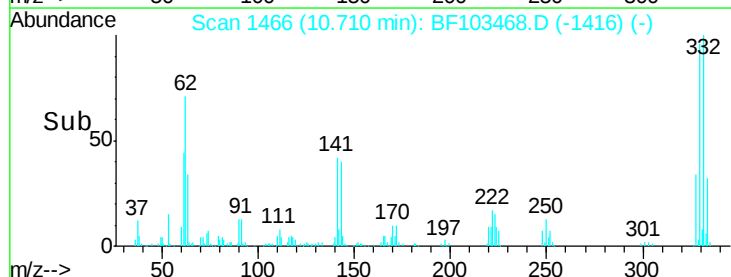
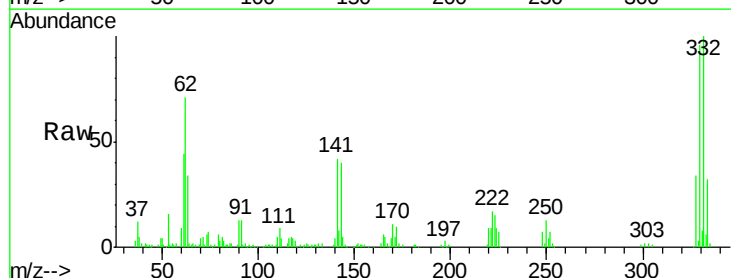
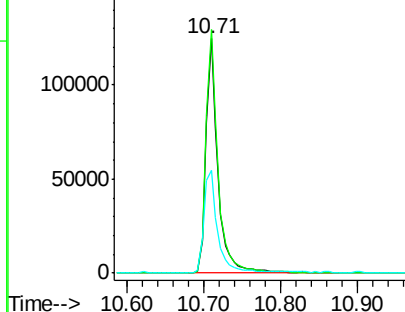
Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

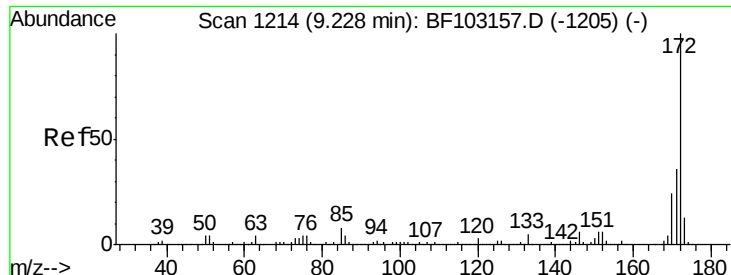


#41
2,4,6-Tribromophenol
Concen: 74.986 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.01 min
Lab File: BF103468.D
Acq: 6 Mar 2018 21:02

Tgt Ion	Ratio	Lower	Upper
330	100		
332	104.8	77.0	115.6
141	50.0	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





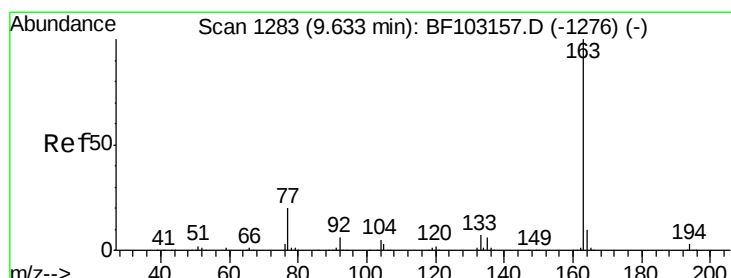
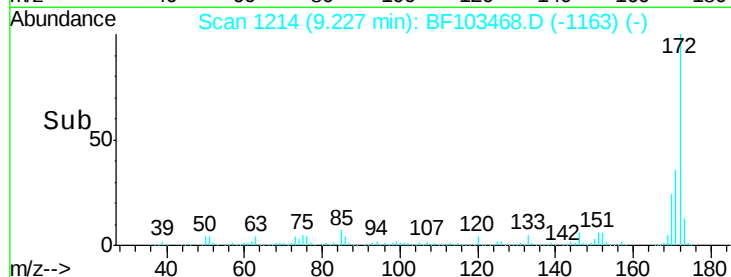
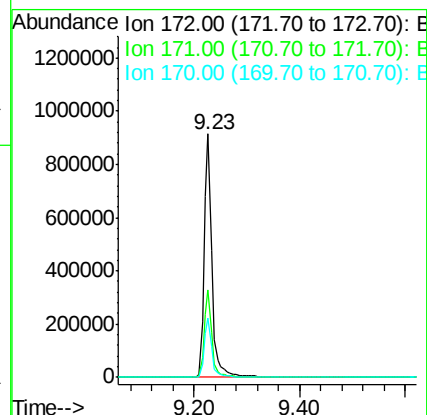
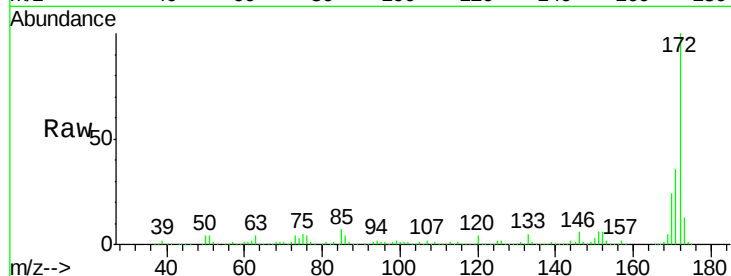
#44
2-Fluorobiphenyl
Concen: 74.853 ng
RT: 9.23 min Scan# 1214
Delta R.T. -0.00 min
Lab File: BF103468.D
Acq: 6 Mar 2018 21:02

Instrument :
BNA_F
ClientSampleId :
SP-7

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.7	44.5
170	24.3	19.6	29.4

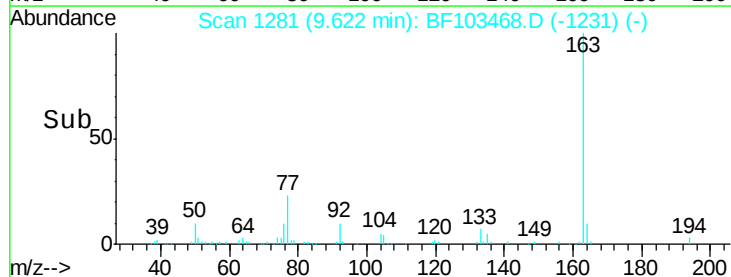
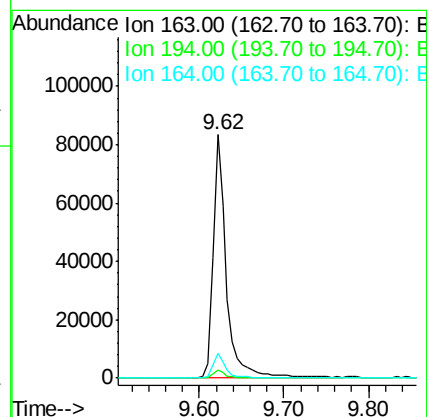
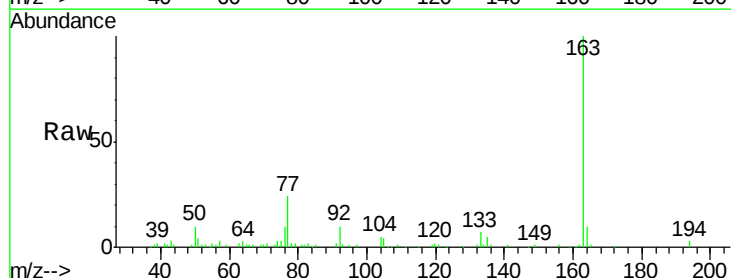
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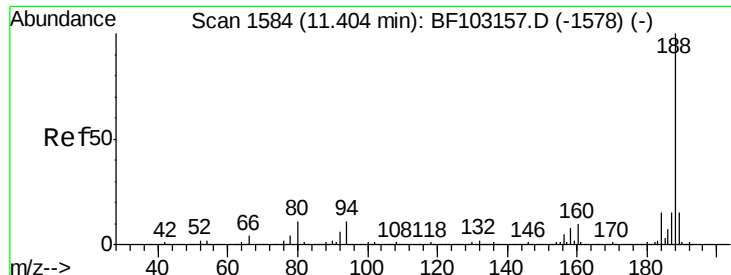
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#49
Dimethylphthalate
Concen: 5.361 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF103468.D
Acq: 6 Mar 2018 21:02

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.7	4.1
164	10.4	8.2	12.2





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.40 min Scan# 1584

Delta R.T. -0.01 min

Lab File: BF103468.D

Acq: 6 Mar 2018 21:02

Instrument :

BNA_F

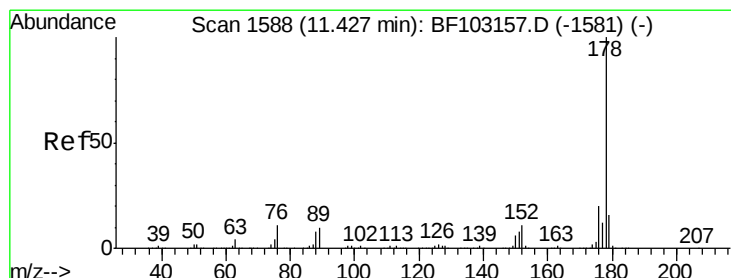
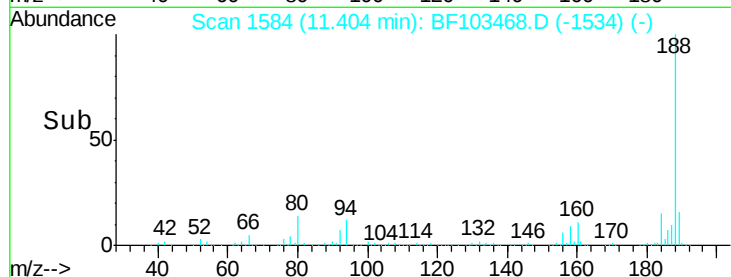
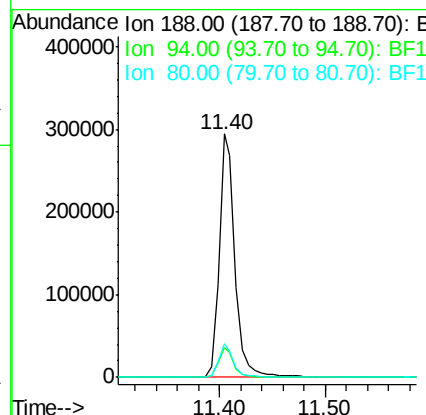
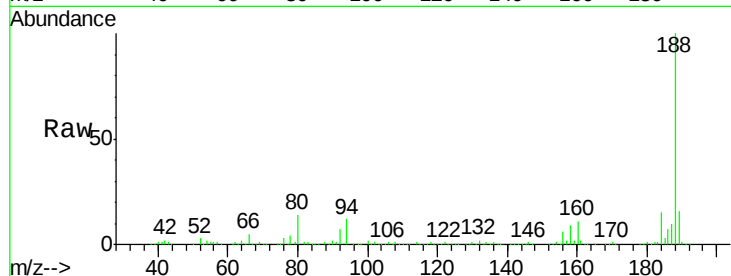
ClientSampled :

SP-7

Tot Ion:	188	Resp:	310581
Ion Ratio	Lower	Upper	
188	100		
94	12.3	8.5	12.7
80	14.1	9.2	13.8#

Manual Integrations
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#70

Phenanthrene

Concen: 7.433 ng

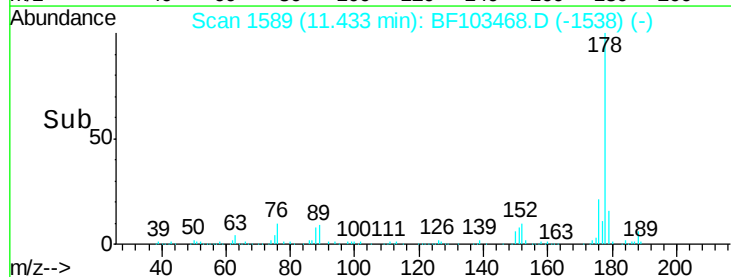
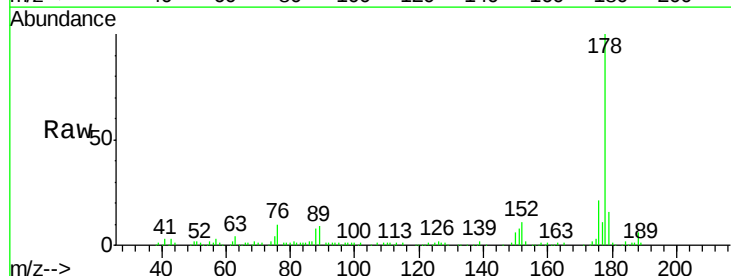
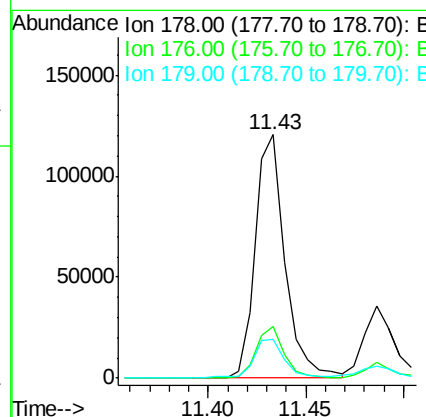
RT: 11.43 min Scan# 1589

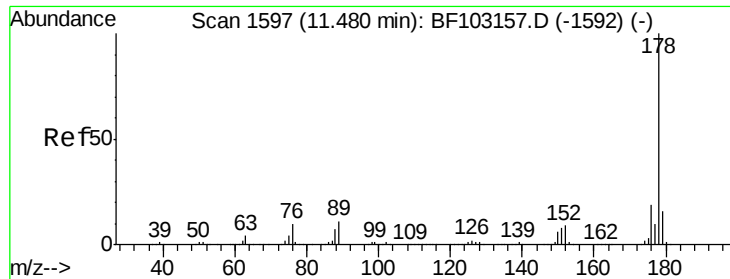
Delta R.T. -0.00 min

Lab File: BF103468.D

Acq: 6 Mar 2018 21:02

Tgt Ion:	178	Resp:	127052
Ion Ratio	Lower	Upper	
178	100		
176	21.1	15.8	23.8
179	16.0	13.0	19.6





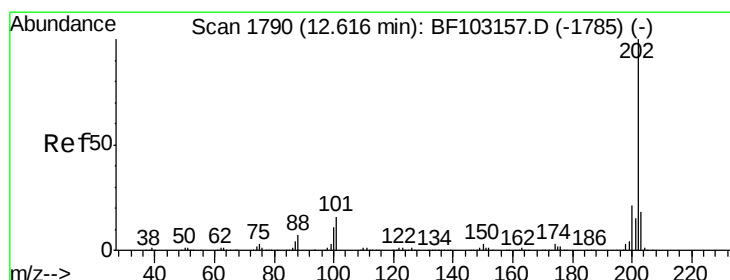
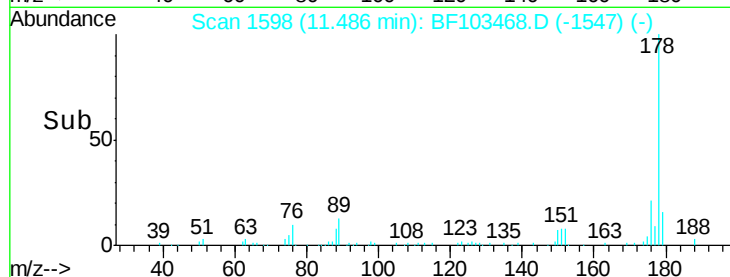
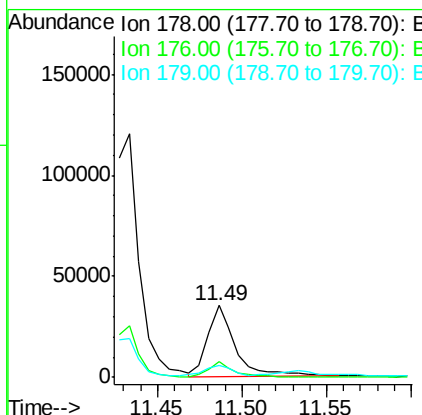
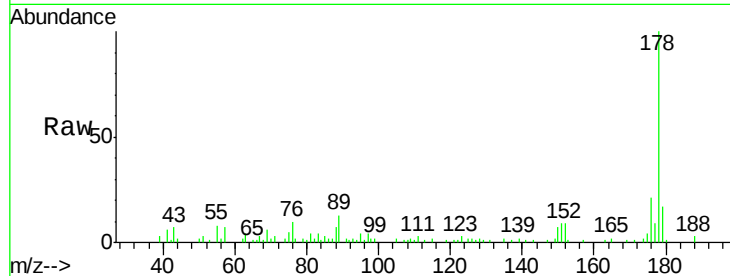
#71
 Anthracene
 Concen: 2.265 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. -0.00 min
 Lab File: BF103468.D
 Acq: 6 Mar 2018 21:02

Instrument :
 BNA_F
 ClientSampleId :
 SP-7

Tot Ion	Ratio	Lower	Upper
178	100		
176	21.1	15.4	23.2
179	16.7	12.6	19.0

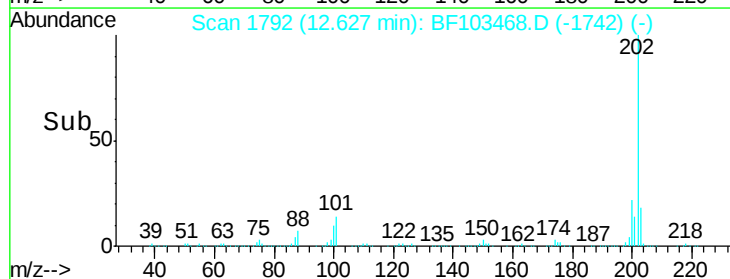
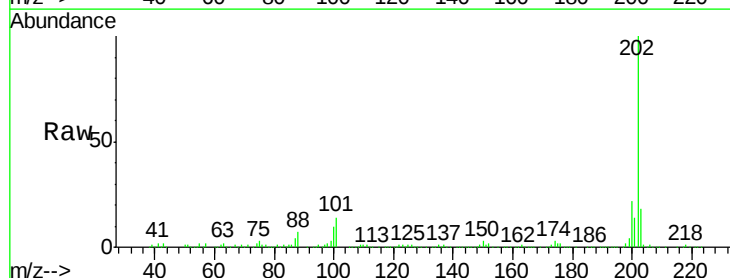
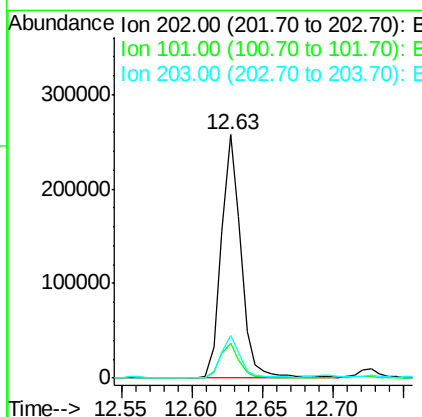
Manual Integrations
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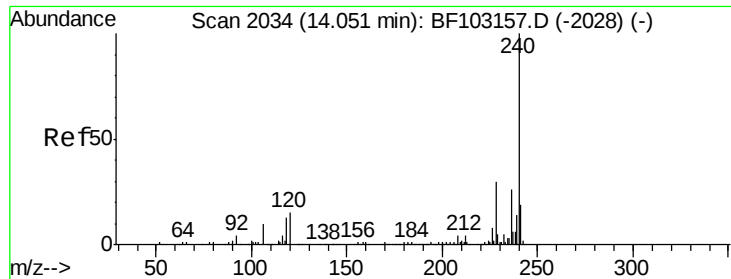
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#74
 Fluoranthene
 Concen: 14.416 ng
 RT: 12.63 min Scan# 1792
 Delta R.T. -0.01 min
 Lab File: BF103468.D
 Acq: 6 Mar 2018 21:02

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.5	0.0	34.1
203	17.8	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2036

Delta R.T. -0.01 min

Lab File: BF103468.D

Acq: 6 Mar 2018 21:02

Instrument :

BNA_F

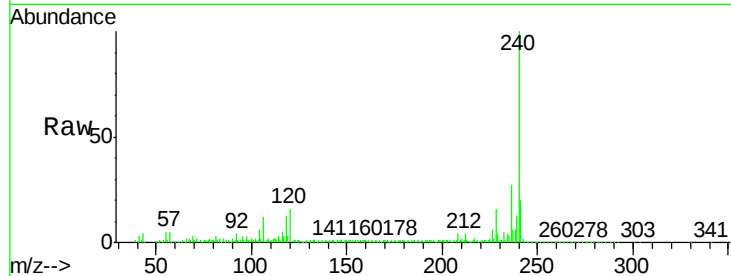
ClientSampled :

SP-7

Tot Ion	Ratio	Lower	Upper
240	100		
120	16.1	9.5	14.3
236	27.0	20.7	31.1

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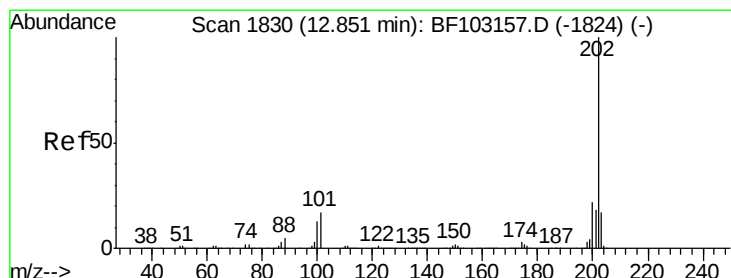
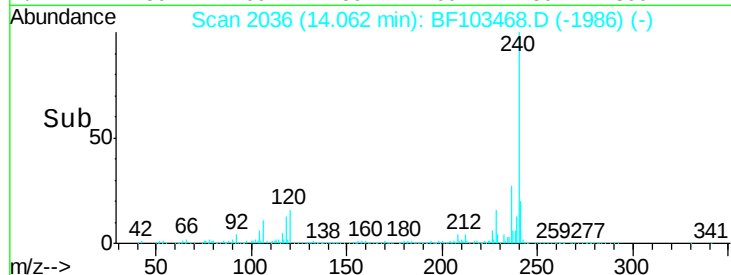
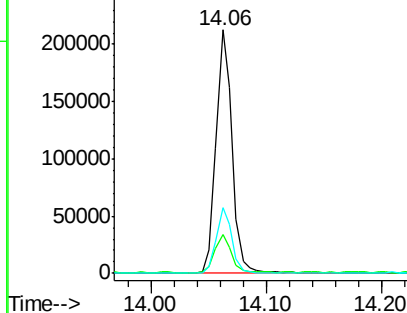
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 15.157 ng

RT: 12.86 min Scan# 1831

Delta R.T. -0.01 min

Lab File: BF103468.D

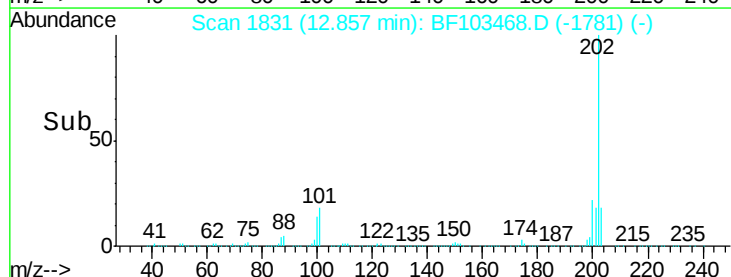
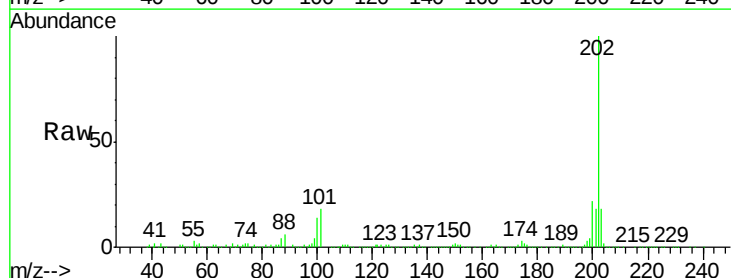
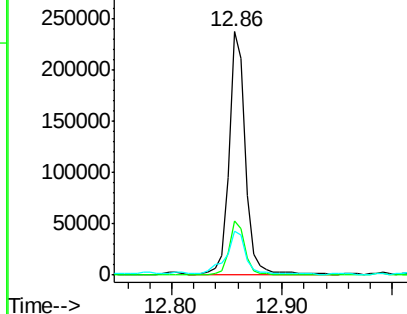
Acq: 6 Mar 2018 21:02

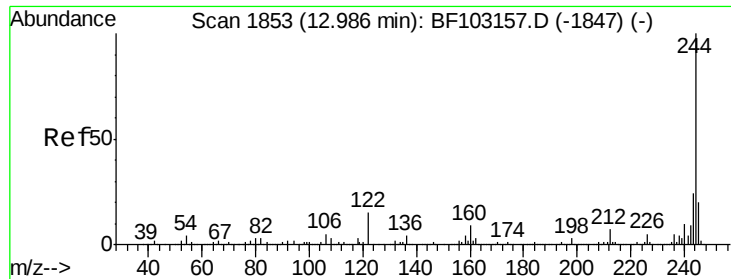
Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.1	17.4	26.2
203	18.1	14.3	21.5

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





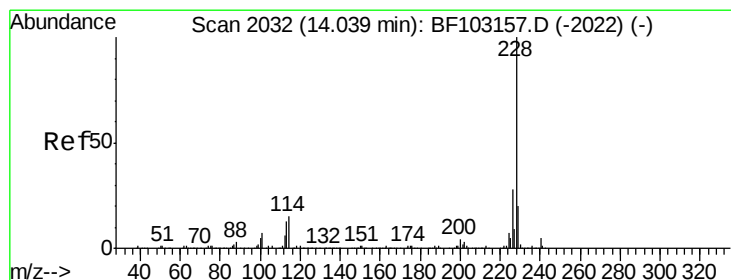
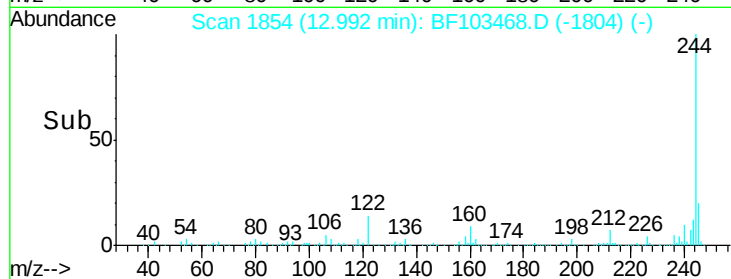
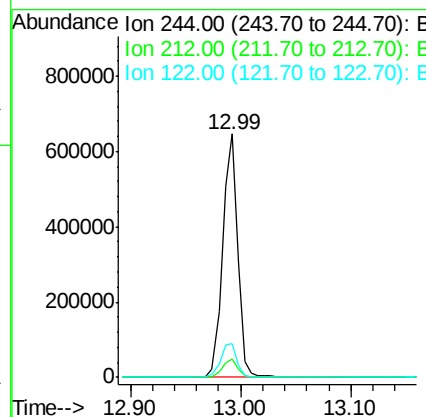
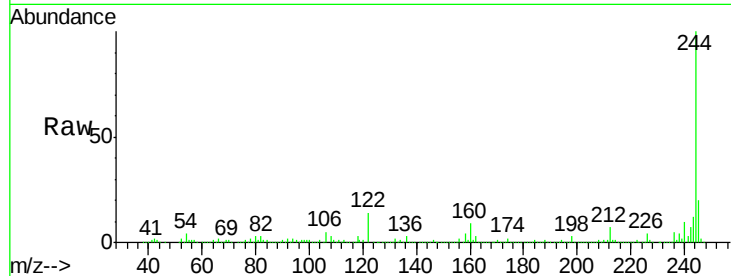
#78
 Terphenyl-d14
 Concen: 71.290 ng
 RT: 12.99 min Scan# 1854
 Delta R.T. -0.01 min
 Lab File: BF103468.D
 Acq: 6 Mar 2018 21:02

Instrument :
 BNA_F
 ClientSampleId :
 SP-7

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.4	8.0
122	14.0	11.0	16.4

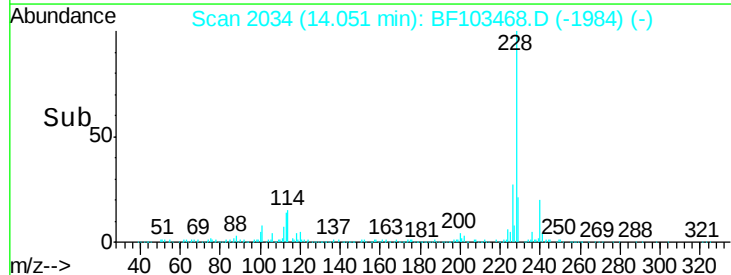
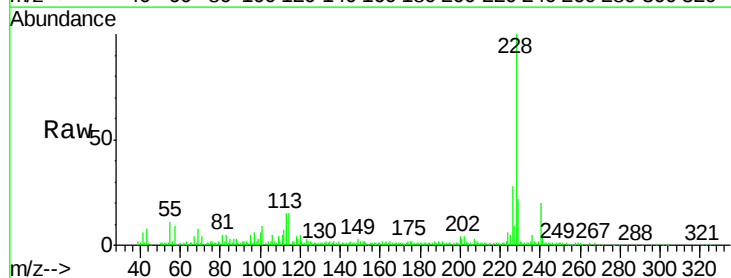
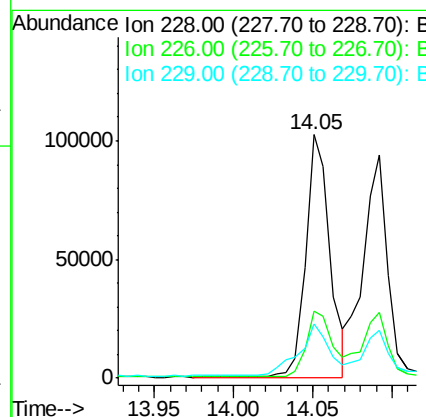
Manual Integrations
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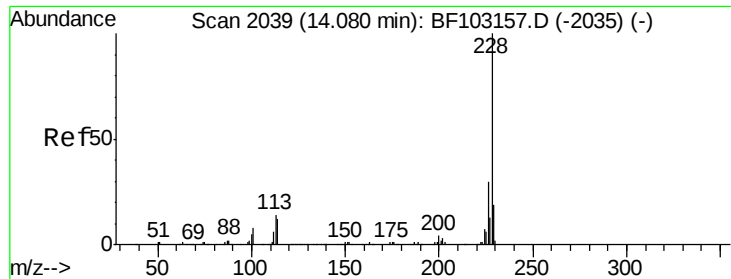
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#80
 Benzo(a)anthracene
 Concen: 8.034 ng
 RT: 14.05 min Scan# 2034
 Delta R.T. -0.01 min
 Lab File: BF103468.D
 Acq: 6 Mar 2018 21:02

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.6	33.8
229	22.2	15.8	23.6





#82

Chrysene

Concen: 7.885 ng

RT: 14.09 min Scan# 2041

Delta R.T. -0.01 min

Lab File: BF103468.D

Acq: 6 Mar 2018 21:02

Instrument :

BNA_F

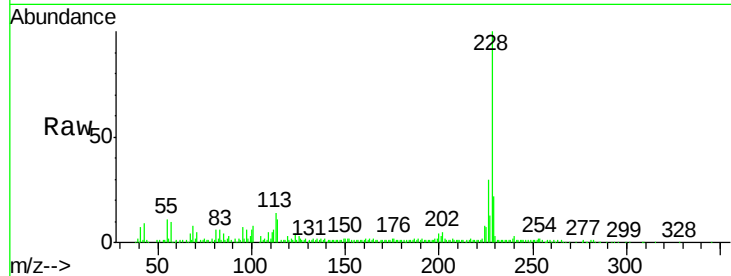
ClientSampled :

SP-7

Tot Ion:	228	Resp:	102200
Ion Ratio	Lower	Upper	
228	100		
226	29.5	25.0	37.6
229	21.6	16.2	24.4

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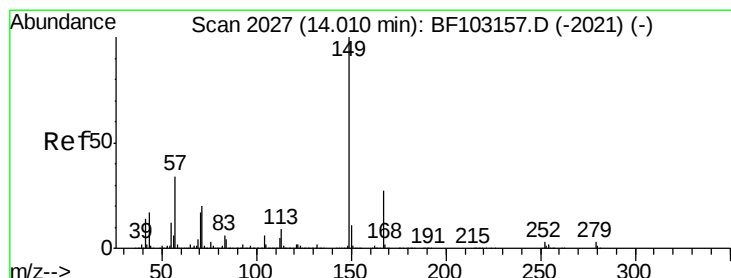
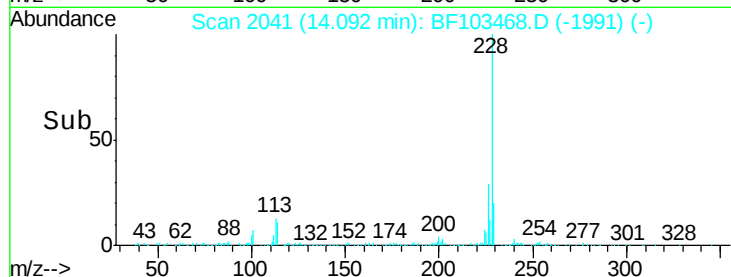
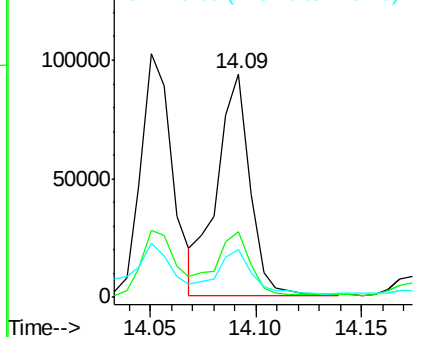
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 2.270 ng

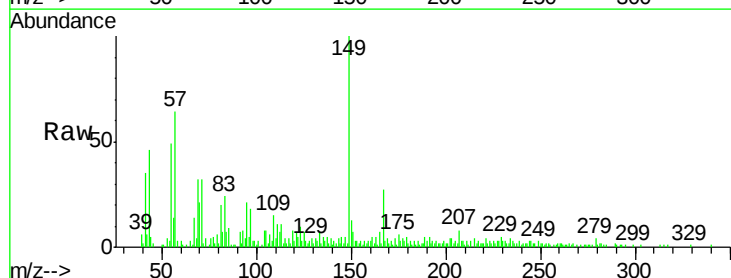
RT: 14.01 min Scan# 2027

Delta R.T. -0.01 min

Lab File: BF103468.D

Acq: 6 Mar 2018 21:02

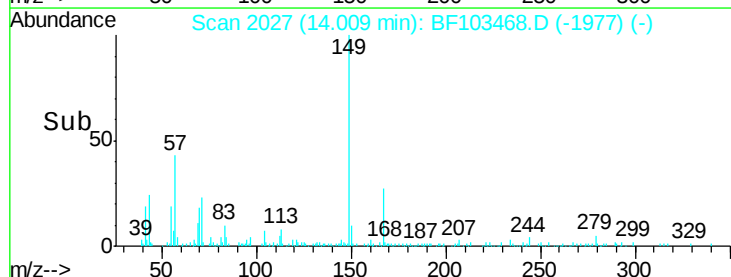
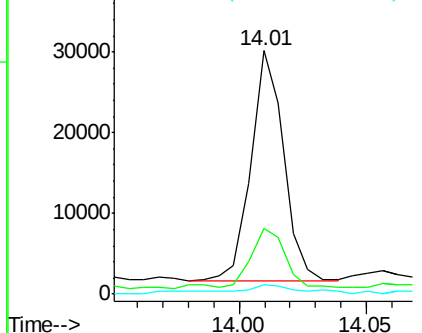
Tgt Ion:	149	Resp:	25957
Ion Ratio	Lower	Upper	
149	100		
167	27.2	21.3	31.9
279	4.1	3.0	4.4

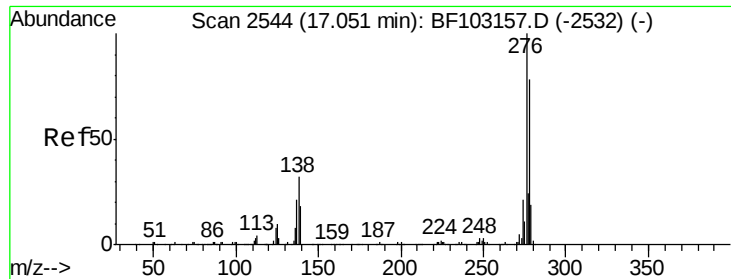


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





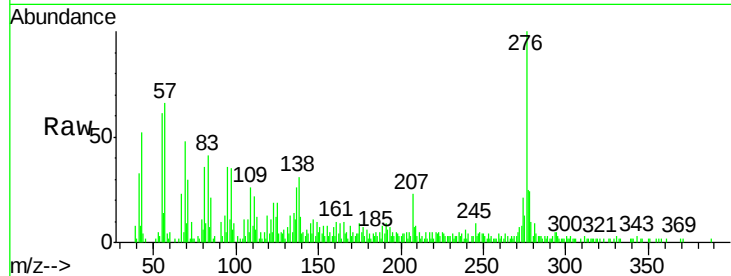
#85
Indeno(1,2,3-cd)pyrene
Concen: 3.828 ng
RT: 17.13 min Scan# 2557
Delta R.T. -0.01 min
Lab File: BF103468.D
Acq: 6 Mar 2018 21:02

Instrument :
BNA_F
ClientSampled :
SP-7

Tot Ion	Ratio	Lower	Upper
276	100		
138	29.4	25.0	37.6
277	23.8	20.1	30.1

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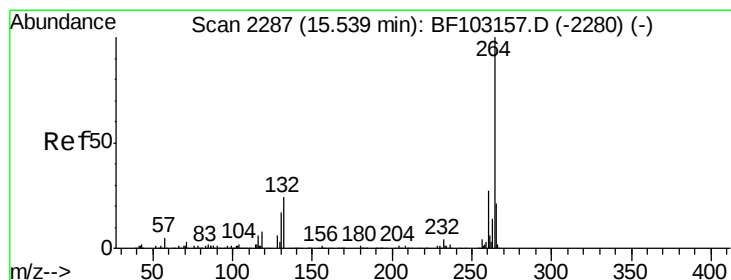
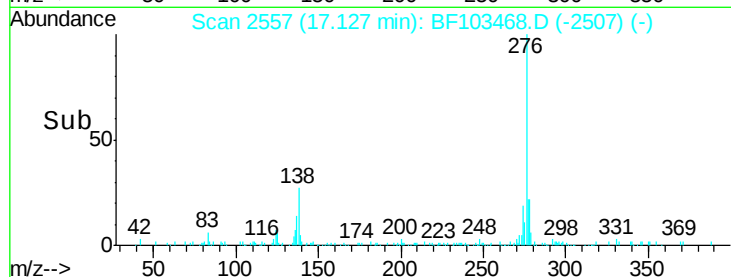
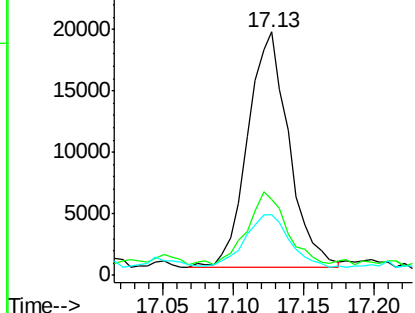


Abundance

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: 15.57 min Scan# 2293
Delta R.T. -0.00 min
Lab File: BF103468.D
Acq: 6 Mar 2018 21:02

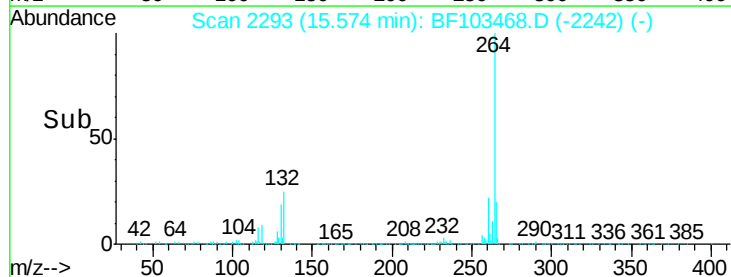
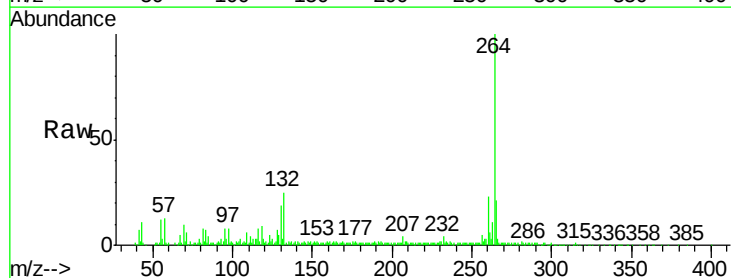
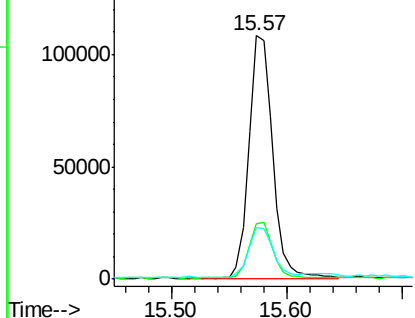
Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.2	28.8
265	21.2	17.5	26.3

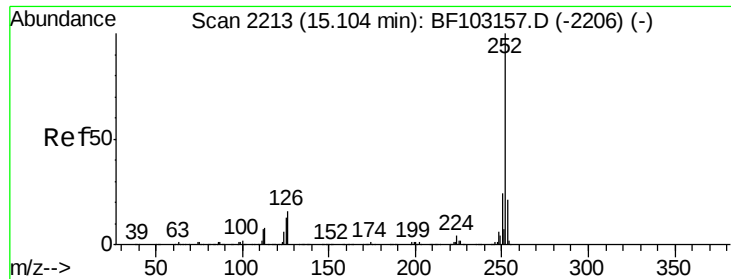
Abundance

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: 10.184 ng m

RT: 15.13 min Scan# 2218

Delta R.T. -0.00 min

Lab File: BF103468.D

Acq: 6 Mar 2018 21:02

Instrument :

BNA_F

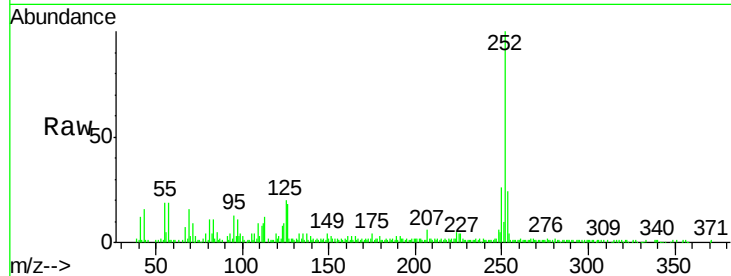
ClientSampled :

SP-7

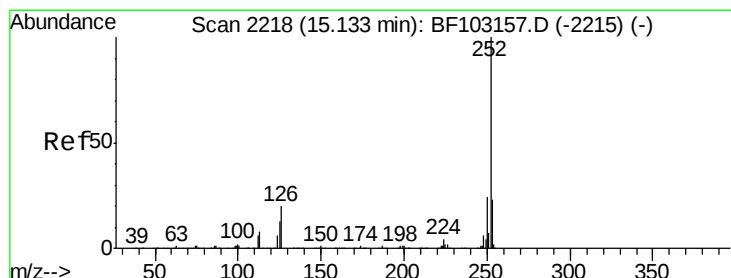
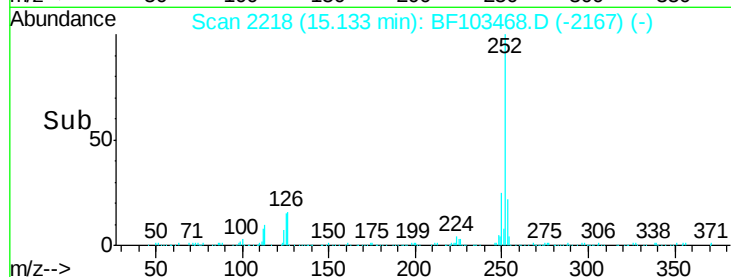
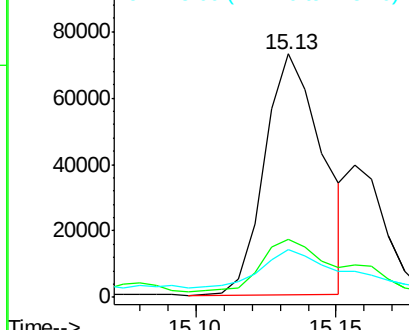
Tot Ion:	252	Resp:	103775
Ion Ratio	Lower	Upper	
252	100		
253	23.9	17.0	25.6
125	19.5	9.0	13.6#

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



#88

Benzo(k)fluoranthene

Concen: 3.932 ng m

RT: 15.16 min Scan# 2222

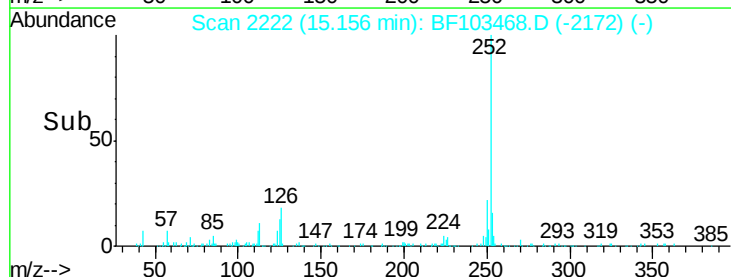
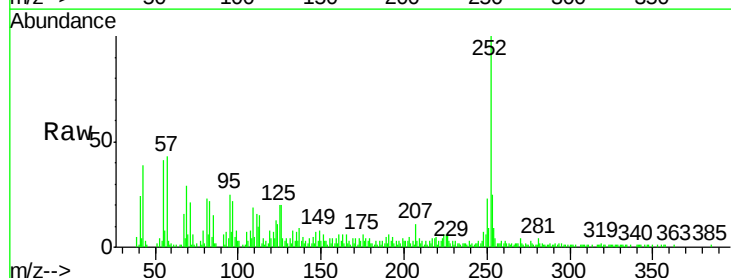
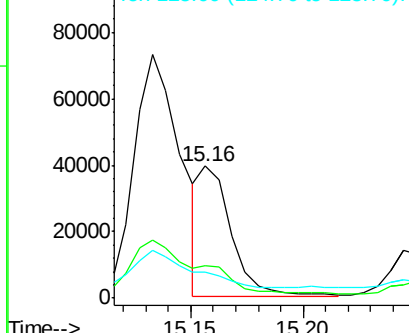
Delta R.T. -0.01 min

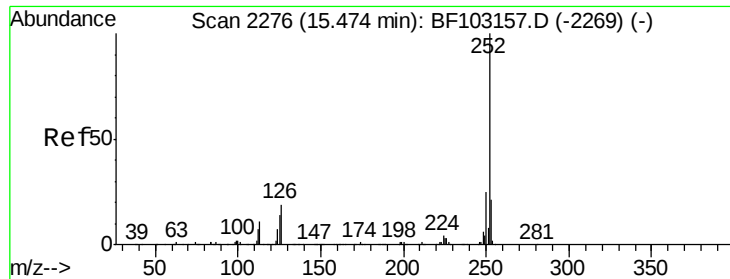
Lab File: BF103468.D

Acq: 6 Mar 2018 21:02

Tgt Ion:	252	Resp:	37733
Ion Ratio	Lower	Upper	
252	100		
253	24.6	17.9	26.9
125	20.2	10.2	15.2#

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





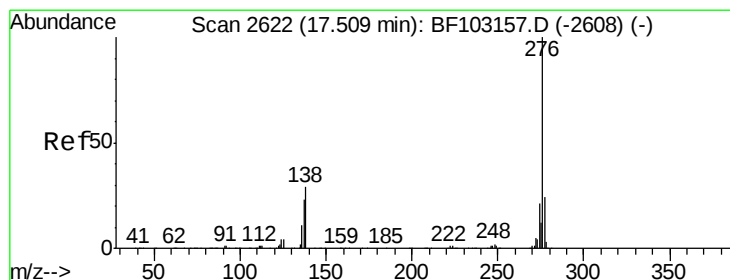
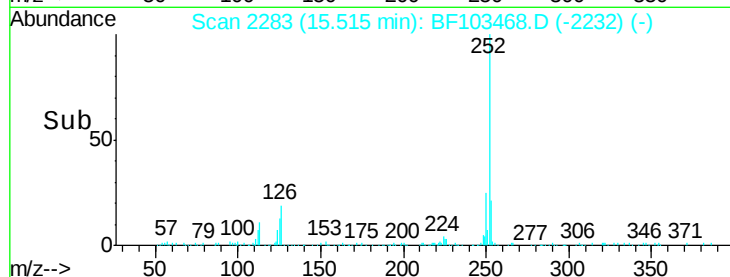
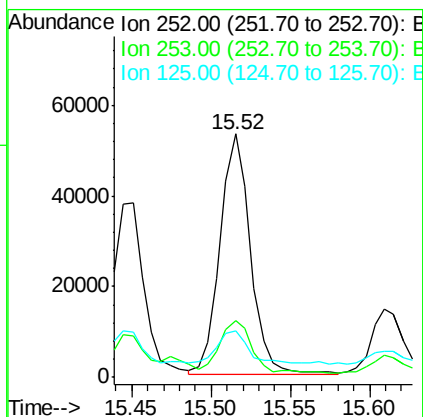
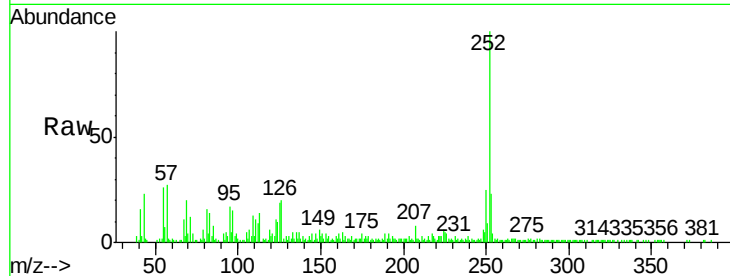
#89
Benzo(a)pyrene
Concen: 7.751 ng
RT: 15.52 min Scan# 2283
Delta R.T. -0.00 min
Lab File: BF103468.D
Acq: 6 Mar 2018 21:02

Instrument :
BNA_F
ClientSampleId :
SP-7

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.1	25.7
125	18.9	9.8	14.6

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 5.644 ng
RT: 17.60 min Scan# 2637
Delta R.T. -0.00 min
Lab File: BF103468.D
Acq: 6 Mar 2018 21:02

Tgt Ion	Ratio	Lower	Upper
276	100		
277	27.7	17.9	26.9
138	35.4	21.8	32.8

