

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030618\
 Data File : BF103458.D
 Acq On : 6 Mar 2018 16:17
 Operator : SJ/JU
 Sample : J1723-11
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-4

Manual Integrations
 APPROVED

Sohil
 3/7/2018 12:15:19 PM

Quant Time: Mar 06 17:23:49 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	115799	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	497972	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	197563	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	288216	20.00	ng	0.00
75) Chrysene-d12	14.10	240	202355	20.00	ng	0.03
86) Perylene-d12	15.66	264	148358	20.00	ng	0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	750795	98.06	ng	0.00
7) Phenol-d6	6.51	99	948090	101.20	ng	0.00
23) Nitrobenzene-d5	7.44	82	559787	64.20	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	125719	75.18	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	751324	61.19	ng	0.00
78) Terphenyl-d14	12.99	244	504059	59.88	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.62	163	49964	3.153	ng	98
70) Phenanthrene	11.43	178	164415	10.366	ng	100
71) Anthracene	11.49	178	52258	3.213	ng	97
74) Fluoranthene	12.63	202	308290	19.342	ng	98
77) Pyrene	12.86	202	290842	18.435	ng	99
80) Benzo(a)anthracene	14.09	228	150060	11.429	ng	98
82) Chrysene	14.12	228	134379	10.541	ng	98
85) Indeno(1,2,3-cd)pyrene	17.22	276	47665	4.723	ng	98
87) Benzo(b)fluoranthene	15.22	252	140727m	14.427	ng	
88) Benzo(k)fluoranthene	15.24	252	48303m	5.259	ng	
89) Benzo(a)pyrene	15.60	252	92351	10.602	ng	# 89
91) Benzo(a,h,i)perylene	17.70	276	48796	7.418	ng	# 88

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

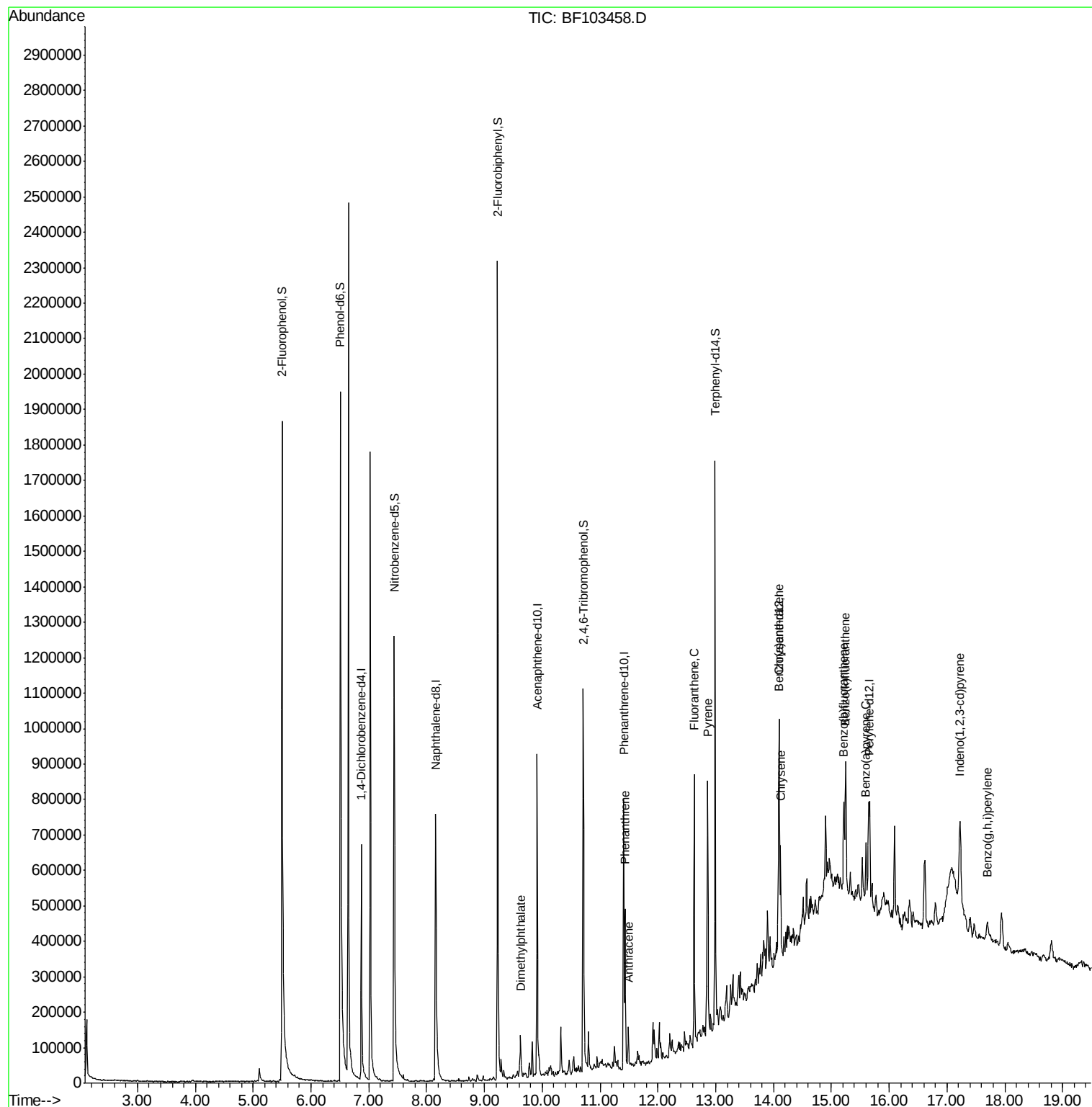
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030618\
Data File : BF103458.D
Acq On : 6 Mar 2018 16:17
Operator : SJ/JU
Sample : J1723-11
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-4

Manual Integrations
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1

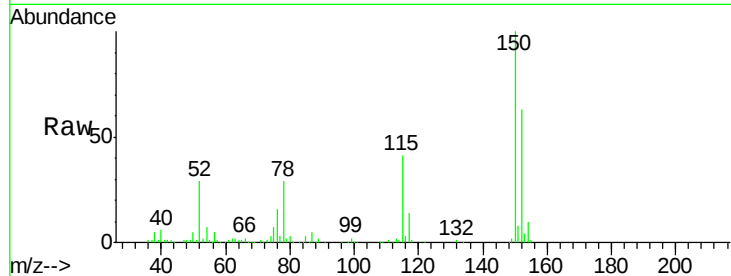
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.00 min
Lab File: BF103458.D
Acq: 6 Mar 2018 16:17

Instrument :
BNA_F
ClientSampled :
SP-4

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.2	124.6	186.8
115	65.3	50.1	75.1

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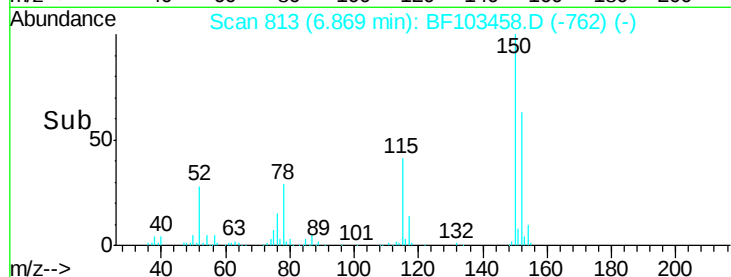
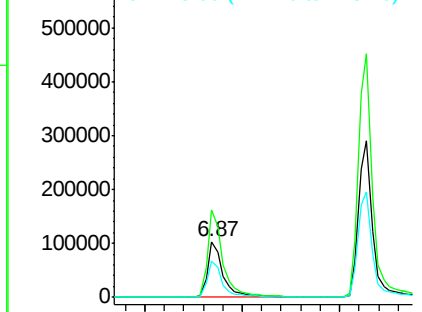


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

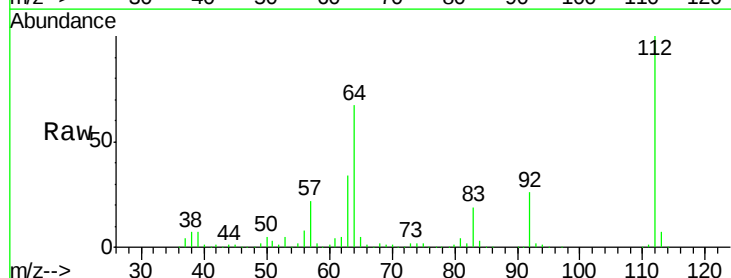
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 98.060 ng
RT: 5.50 min Scan# 580
Delta R.T. -0.00 min
Lab File: BF103458.D
Acq: 6 Mar 2018 16:17

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.0	47.9	71.9
63	34.3	23.7	35.5

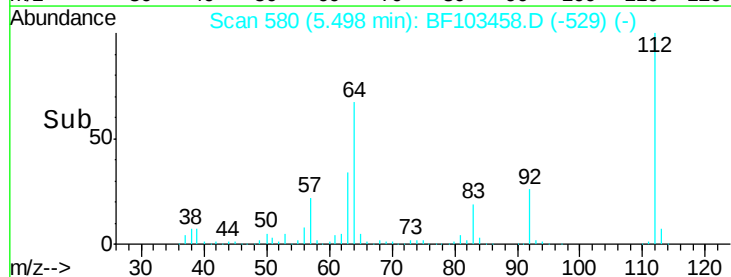
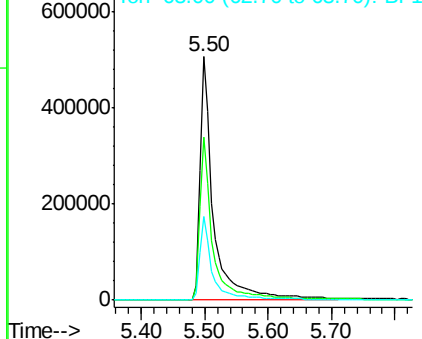


Abundance

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: 101.196 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF103458.D

Acq: 6 Mar 2018 16:17

Instrument :

BNA_F

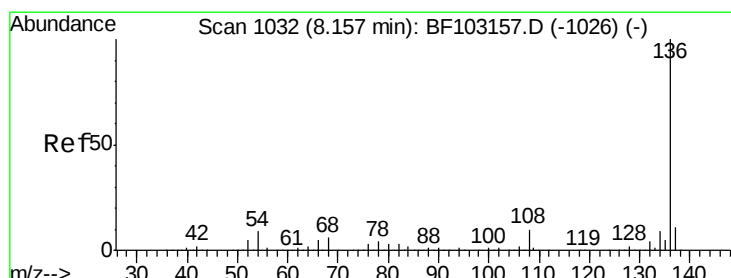
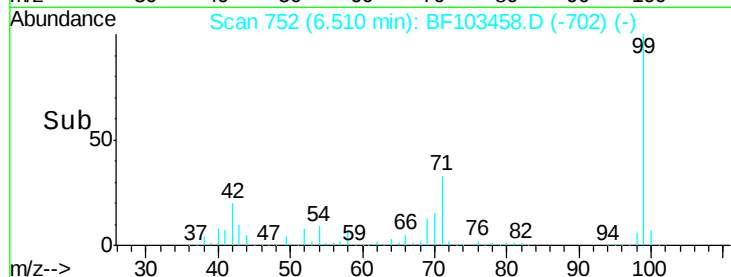
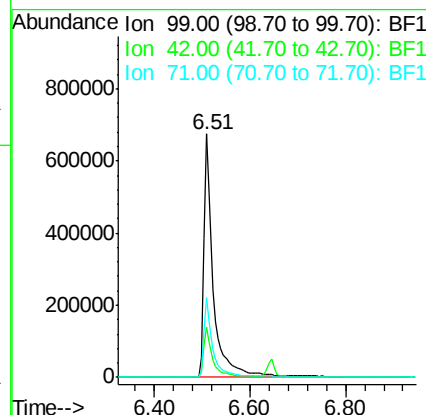
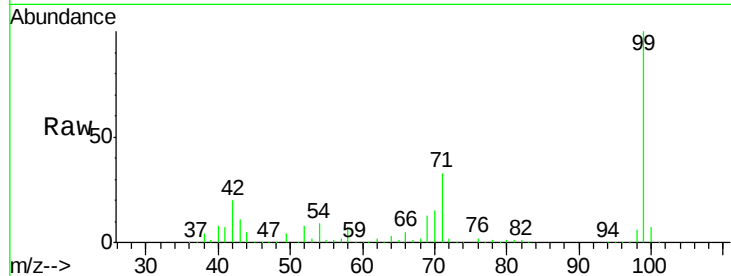
ClientSampled :

SP-4

Tot Ion:	99	Resp:	948090
Ion Ratio	Lower	Upper	
99	100		
42	20.5	14.5	21.7
71	32.8	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

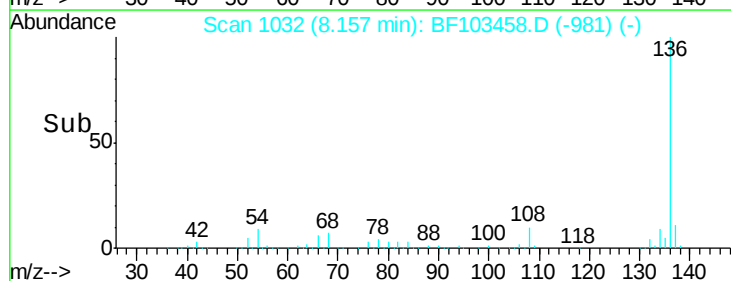
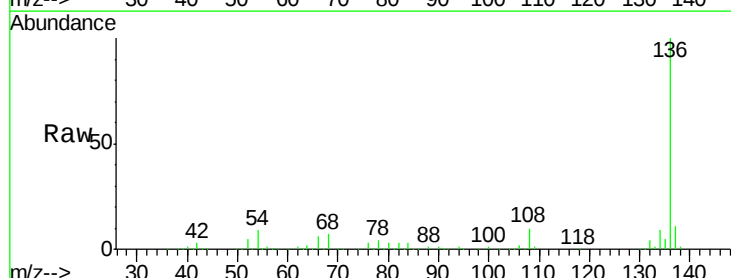
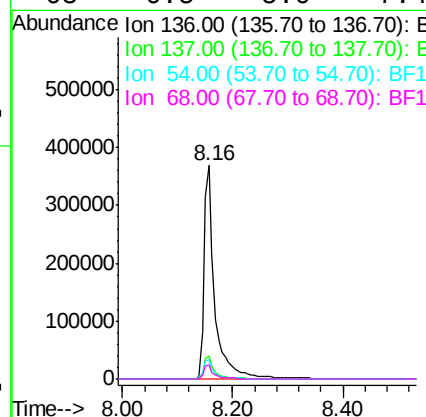
RT: 8.16 min Scan# 1032

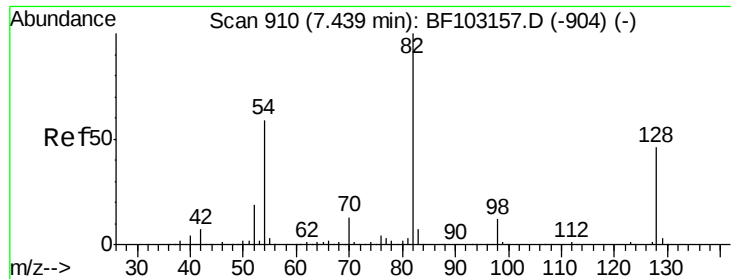
Delta R.T. -0.00 min

Lab File: BF103458.D

Acq: 6 Mar 2018 16:17

Tgt Ion:	136	Resp:	497972
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.9	13.3
54	9.1	6.6	9.8
68	6.5	5.0	7.4





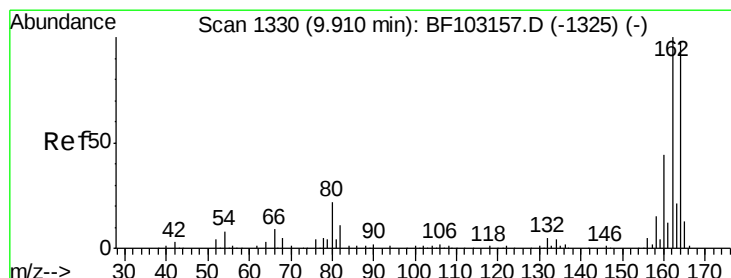
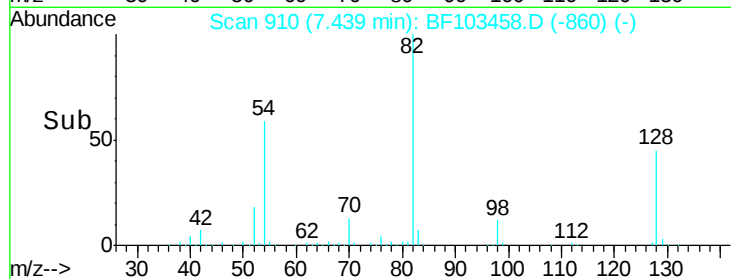
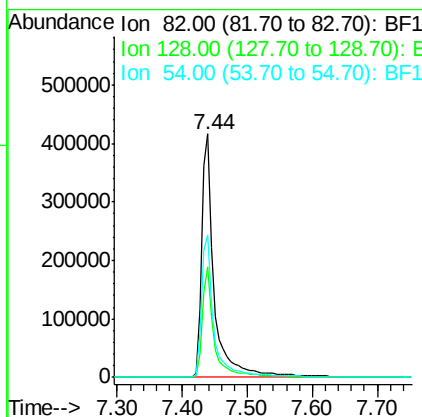
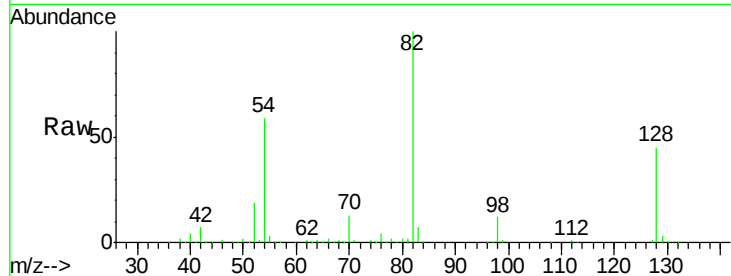
#23
Nitrobenzene-d5
Concen: 64.198 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF103458.D
Acq: 6 Mar 2018 16:17

Instrument :
BNA_F
ClientSampled :
SP-4

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.5	36.1	54.1
54	58.7	41.4	62.2

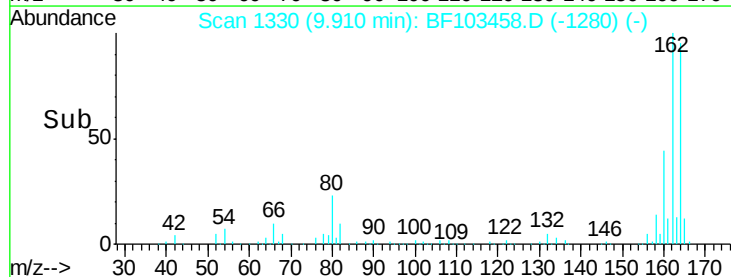
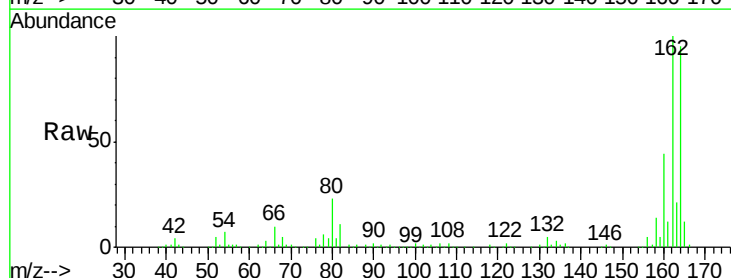
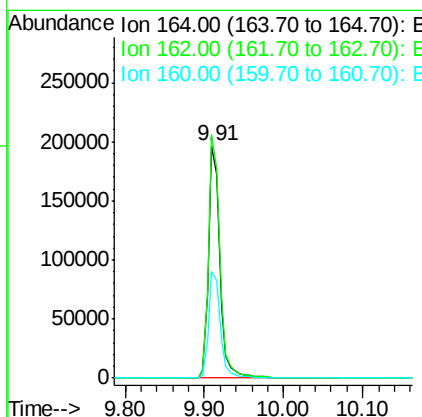
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BF103458.D
Acq: 6 Mar 2018 16:17

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.8	86.1	129.1
160	46.0	38.3	57.5





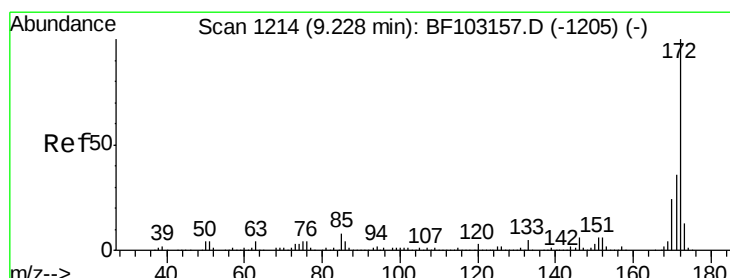
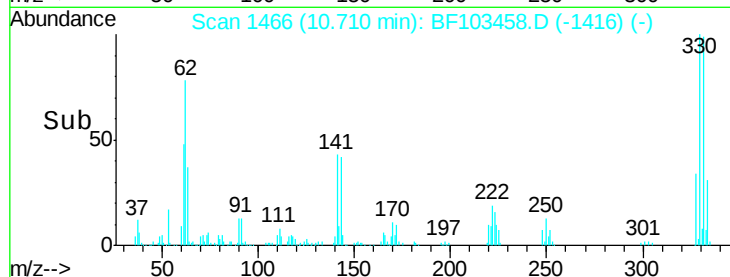
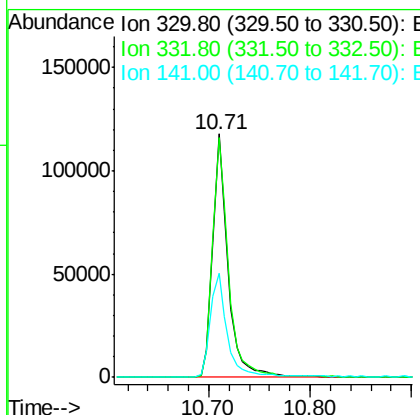
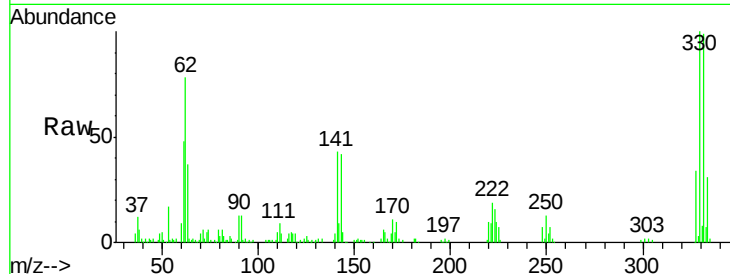
#41
 2,4,6-Tribromophenol
 Concen: 75.179 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.01 min
 Lab File: BF103458.D
 Acq: 6 Mar 2018 16:17

Instrument :
 BNA_F
 ClientSampled :
 SP-4

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	102.6	77.0	115.6	
141	48.2	29.9	44.9	

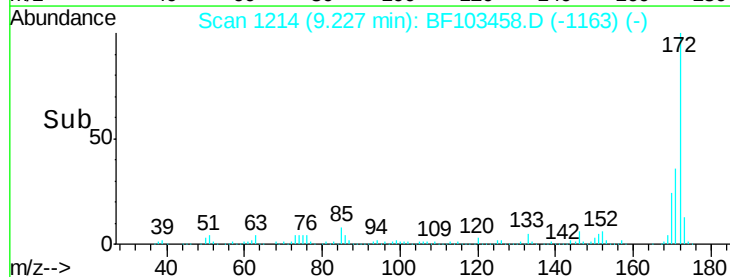
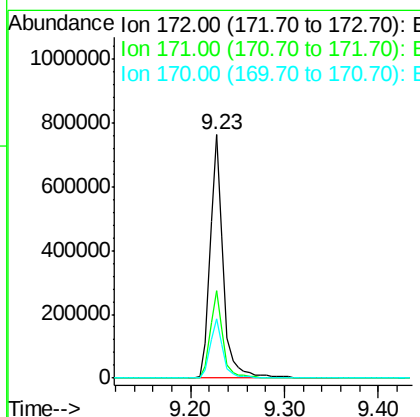
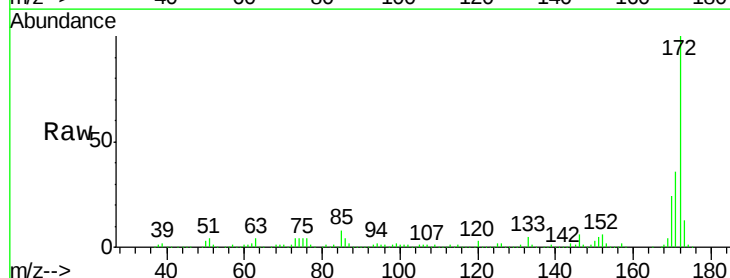
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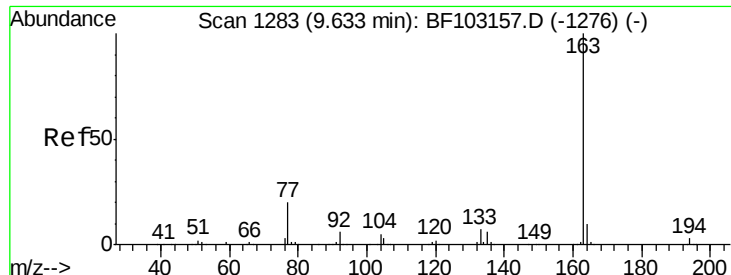
Sohil
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#44
 2-Fluorobiphenyl
 Concen: 61.188 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.00 min
 Lab File: BF103458.D
 Acq: 6 Mar 2018 16:17

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	36.2	29.7	44.5	
170	24.3	19.6	29.4	





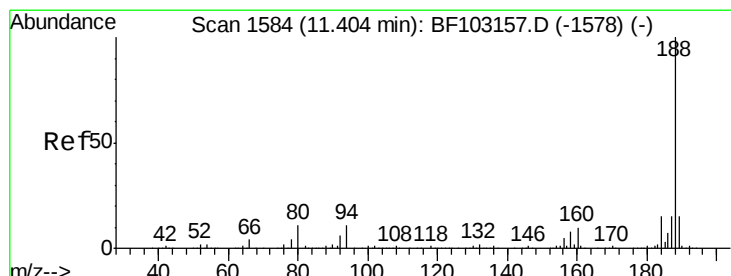
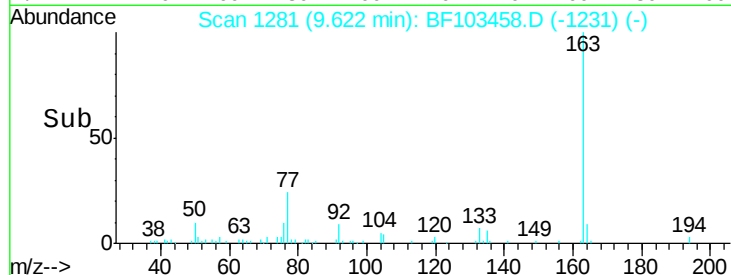
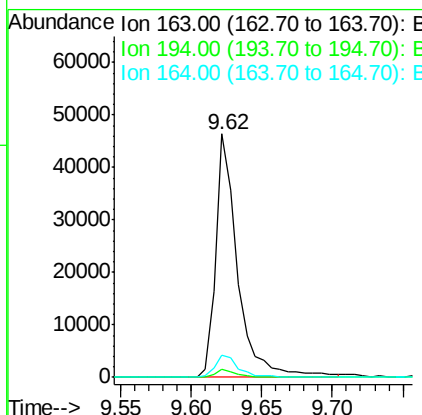
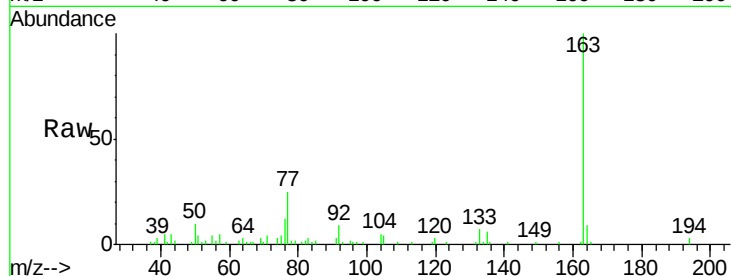
#49
Dimethylphthalate
Concen: 3.153 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF103458.D
Acq: 6 Mar 2018 16:17

Instrument :
BNA_F
ClientSampleId :
SP-4

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.7	4.1
164	9.4	8.2	12.2

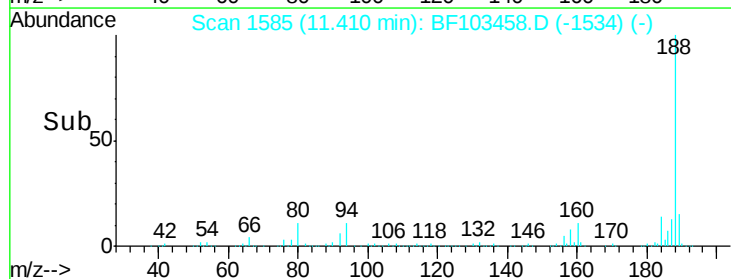
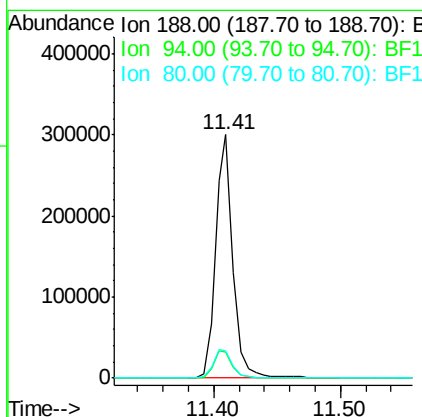
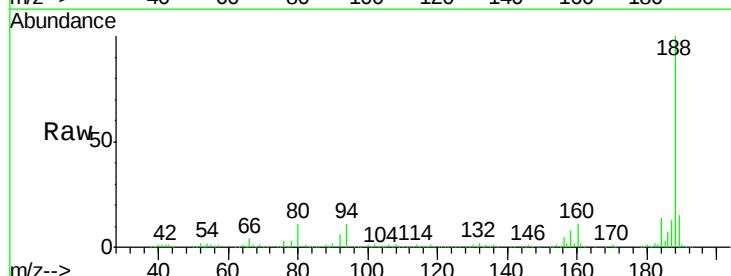
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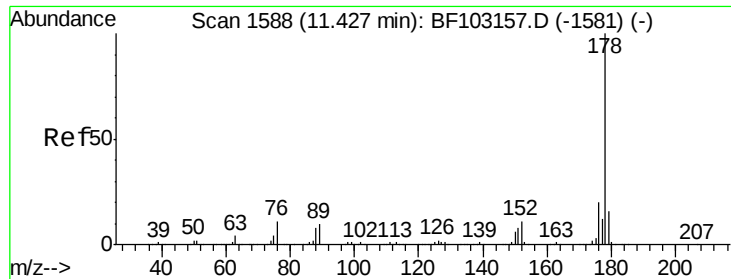
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.00 min
Lab File: BF103458.D
Acq: 6 Mar 2018 16:17

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.9	8.5	12.7
80	11.2	9.2	13.8





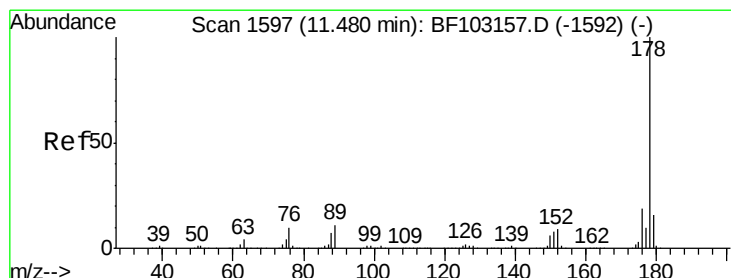
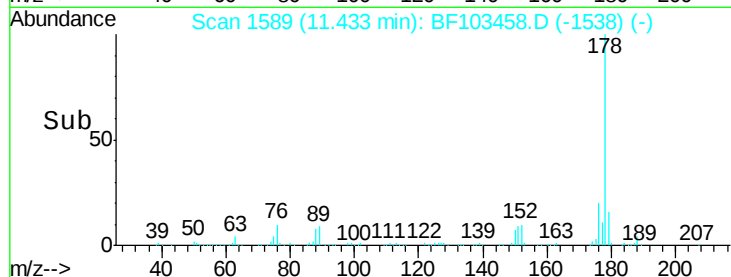
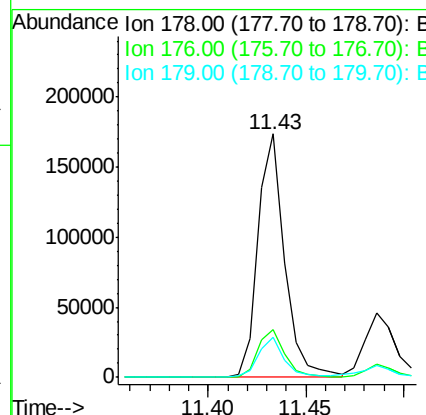
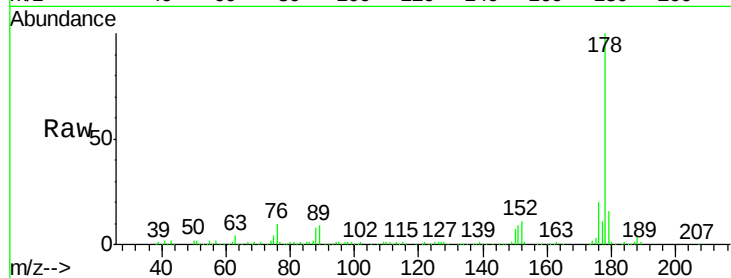
#70
Phenanthrene
Concen: 10.366 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.00 min
Lab File: BF103458.D
Acq: 6 Mar 2018 16:17

Instrument :
BNA_F
ClientSampleId :
SP-4

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.8	23.8
179	16.4	13.0	19.6

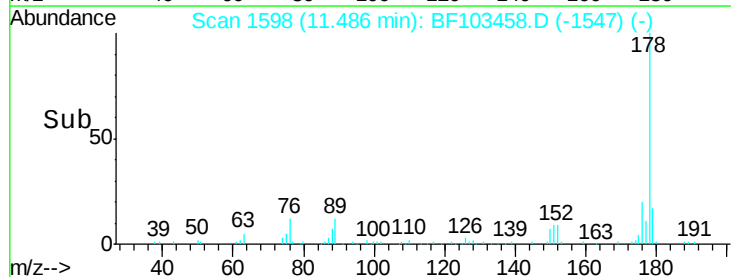
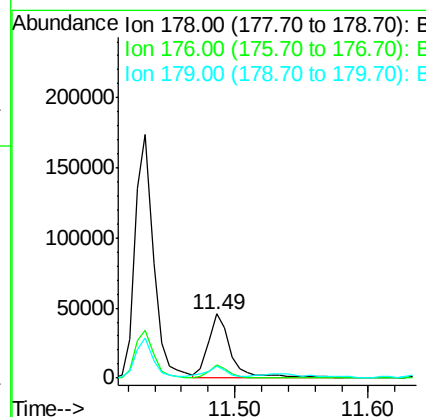
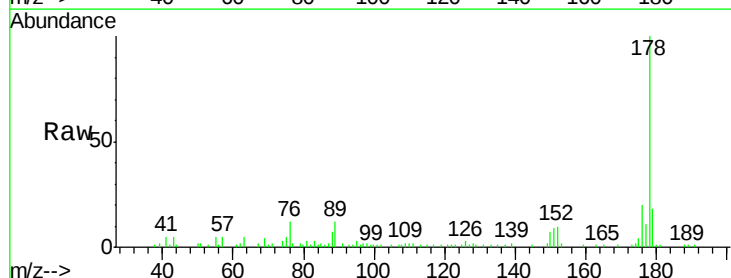
Manual Integrations
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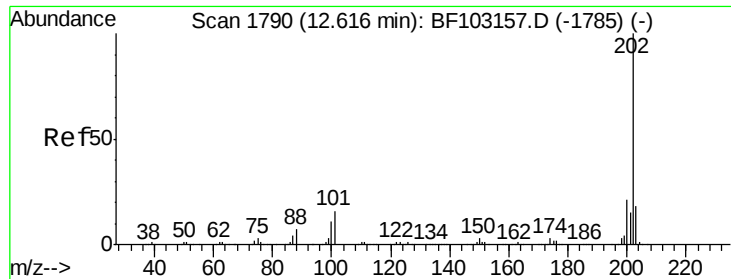
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#71
Anthracene
Concen: 3.213 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.00 min
Lab File: BF103458.D
Acq: 6 Mar 2018 16:17

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.4	23.2
179	17.7	12.6	19.0





#74

Fluoranthene

Concen: 19.342 ng

RT: 12.63 min Scan# 1792

Delta R.T. -0.01 min

Lab File: BF103458.D

Acq: 6 Mar 2018 16:17

Instrument :

BNA_F

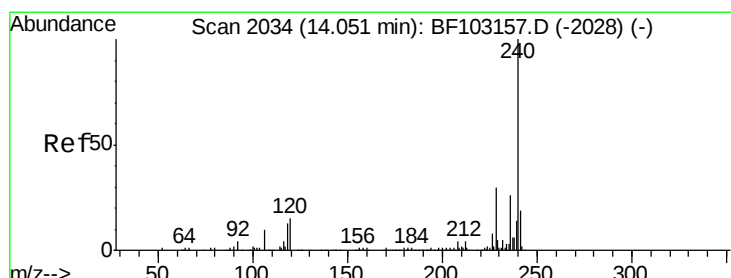
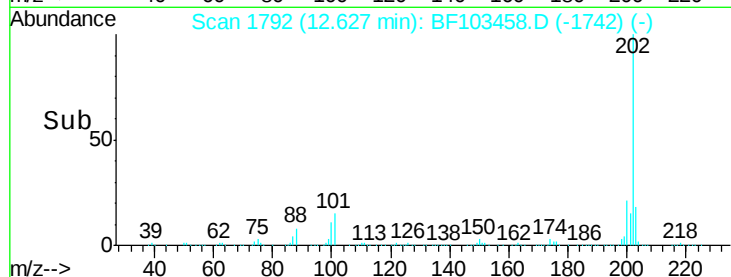
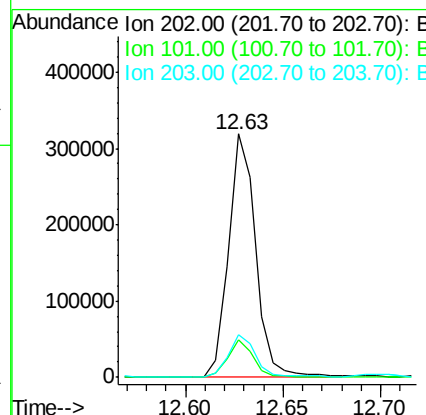
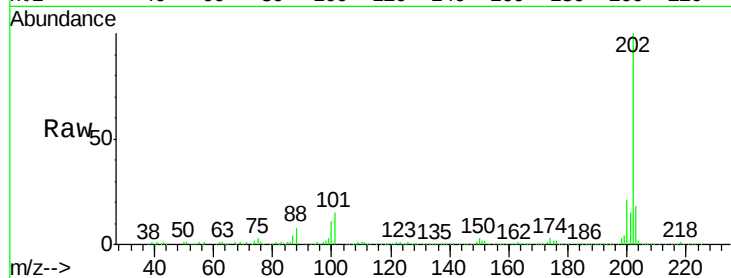
ClientSampleId :

SP-4

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	15.2	0.0	34.1
203	17.7	0.0	38.1

Manual Integrations
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#75

Chrysene-d12

Concen: 20.000 ng

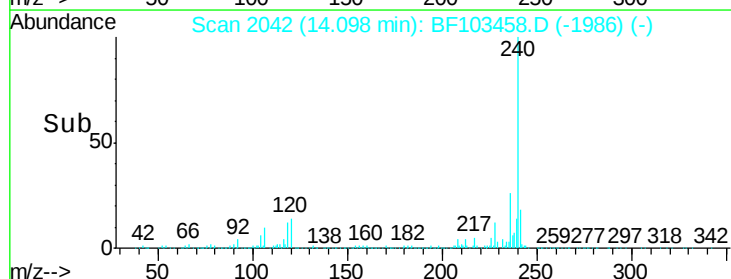
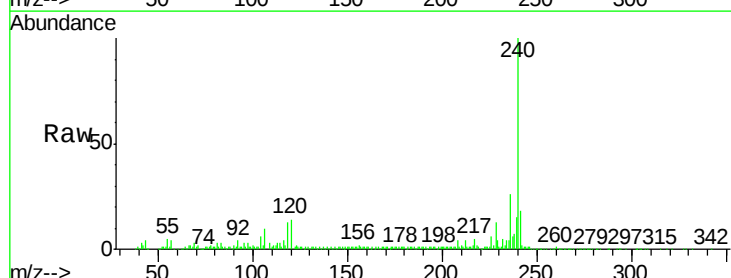
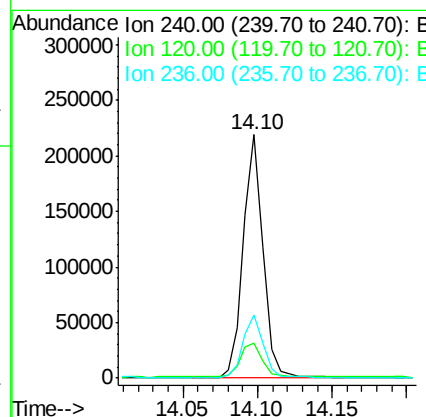
RT: 14.10 min Scan# 2042

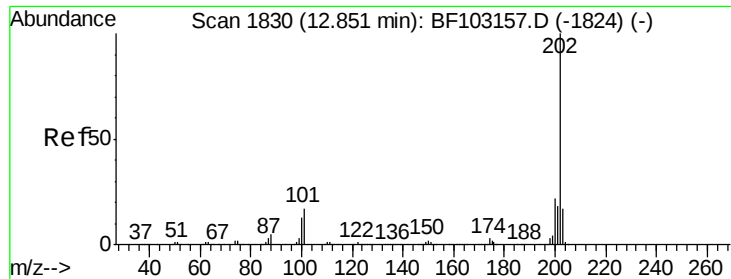
Delta R.T. 0.03 min

Lab File: BF103458.D

Acq: 6 Mar 2018 16:17

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	14.1	9.5	14.3
236	25.9	20.7	31.1





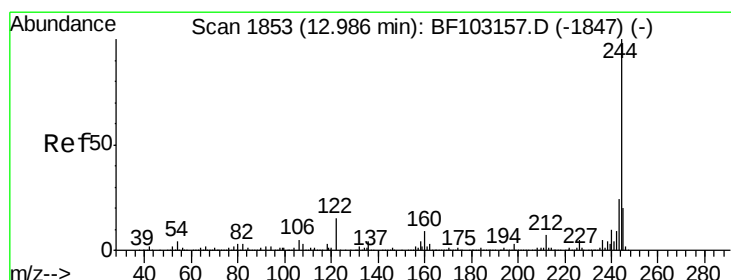
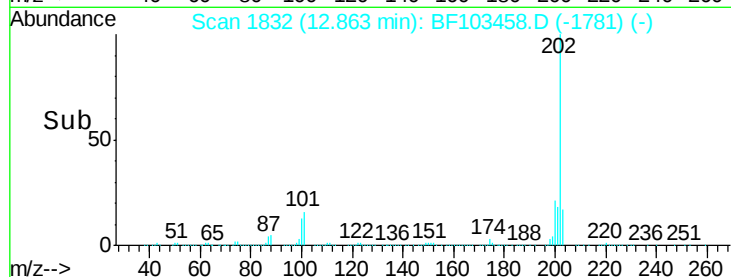
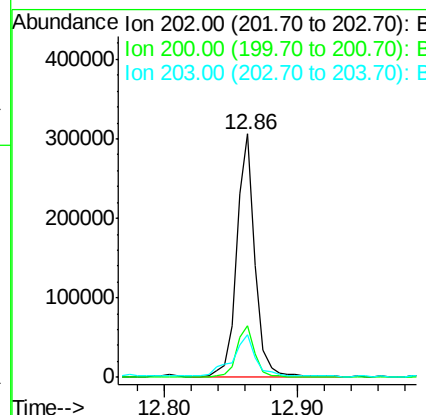
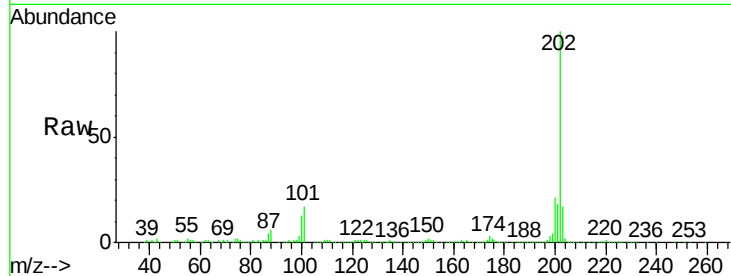
#77
Pvrene
Concen: 18.435 ng
RT: 12.86 min Scan# 1832
Delta R.T. -0.00 min
Lab File: BF103458.D
Acq: 6 Mar 2018 16:17

Instrument :
BNA_F
ClientSampleId :
SP-4

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.2	17.4	26.2
203	17.4	14.3	21.5

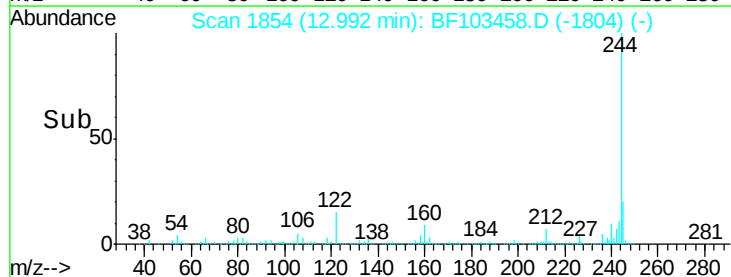
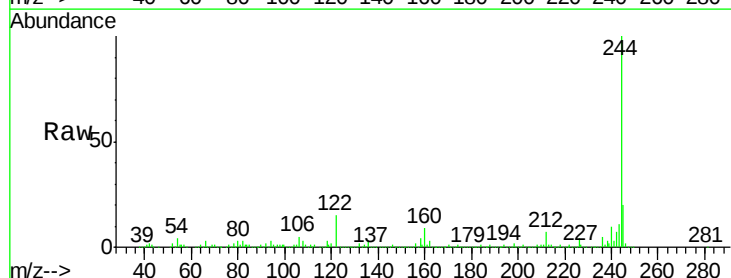
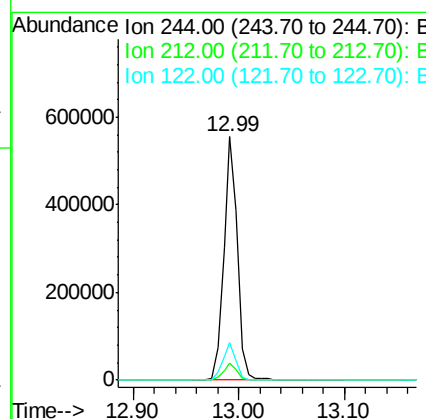
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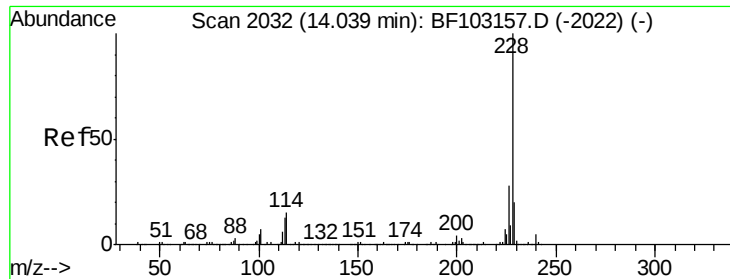
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#78
Terphenyl-d14
Concen: 59.879 ng
RT: 12.99 min Scan# 1854
Delta R.T. -0.01 min
Lab File: BF103458.D
Acq: 6 Mar 2018 16:17

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.2	5.4	8.0
122	15.3	11.0	16.4





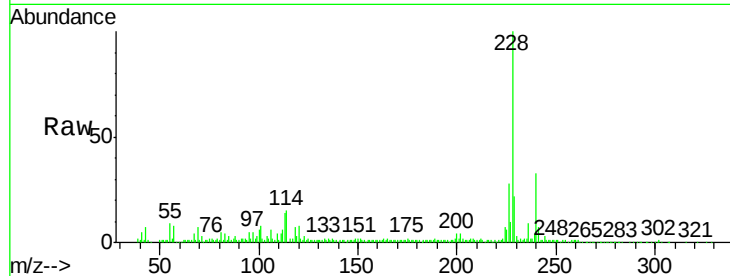
#80
Benzo(a)anthracene
Concen: 11.429 ng
RT: 14.09 min Scan# 2040
Delta R.T. 0.03 min
Lab File: BF103458.D
Acq: 6 Mar 2018 16:17

Instrument :
BNA_F
ClientSampled :
SP-4

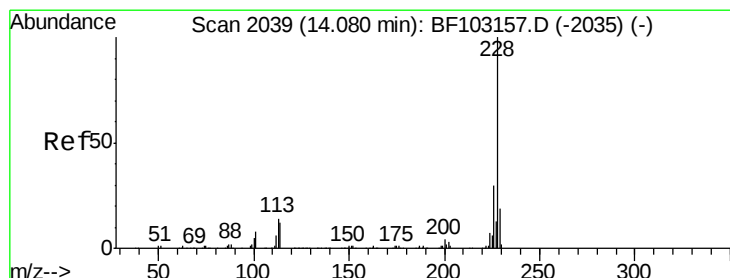
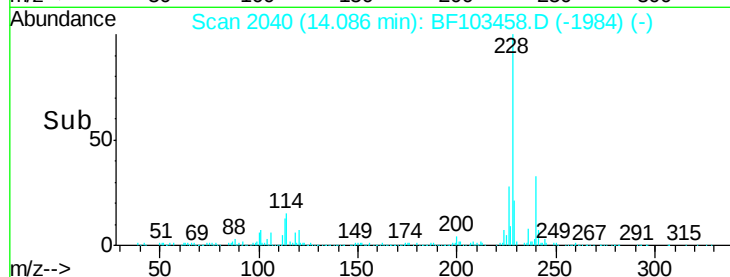
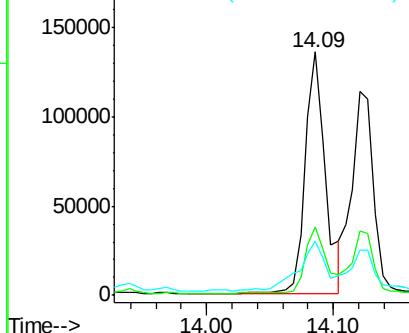
Tot Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.6	33.8
229	22.1	15.8	23.6

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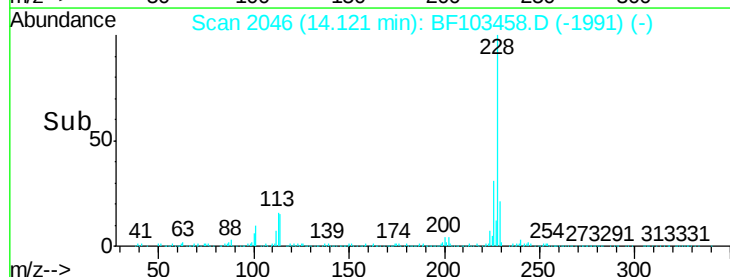
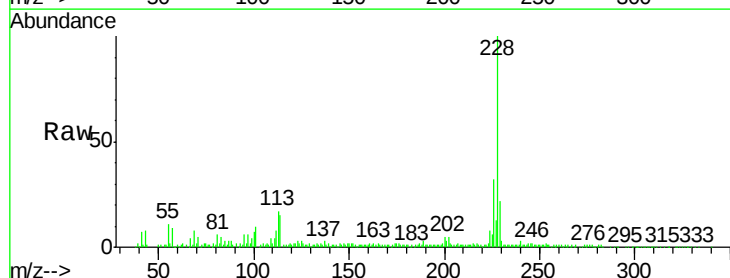
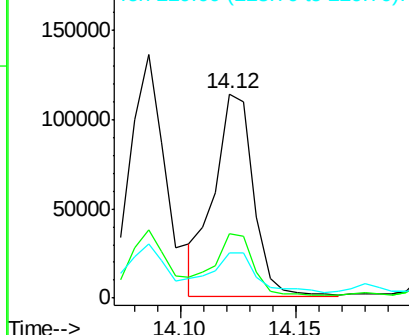
Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

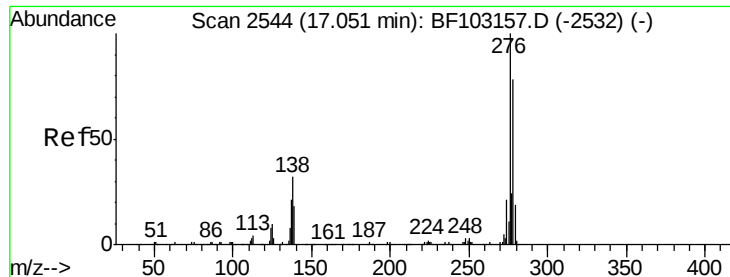


#82
Chrysene
Concen: 10.541 ng
RT: 14.12 min Scan# 2046
Delta R.T. 0.02 min
Lab File: BF103458.D
Acq: 6 Mar 2018 16:17

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.7	25.0	37.6
229	22.4	16.2	24.4

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





#85

Indeno(1,2,3-cd)pyrene

Concen: 4.723 ng

RT: 17.22 min Scan# 2573

Delta R.T. 0.09 min

Lab File: BF103458.D

Acq: 6 Mar 2018 16:17

Instrument :

BNA_F

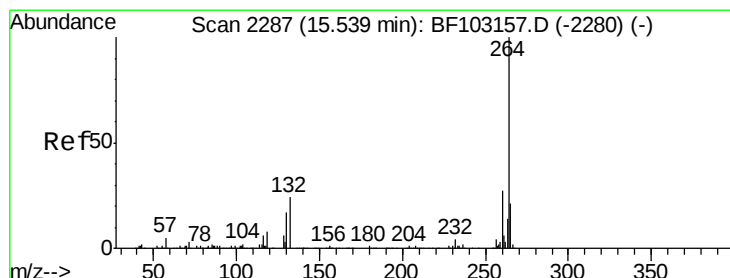
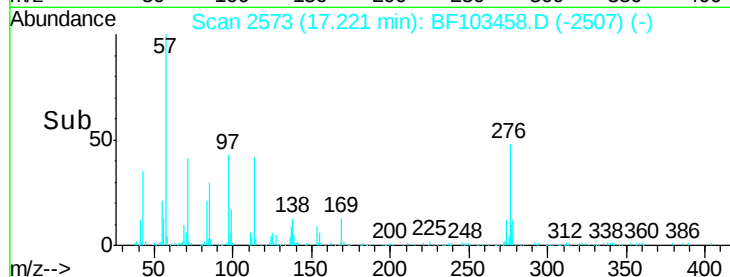
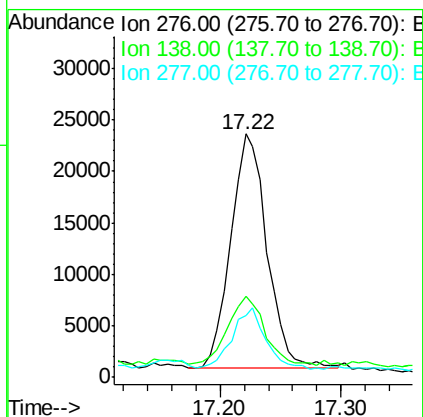
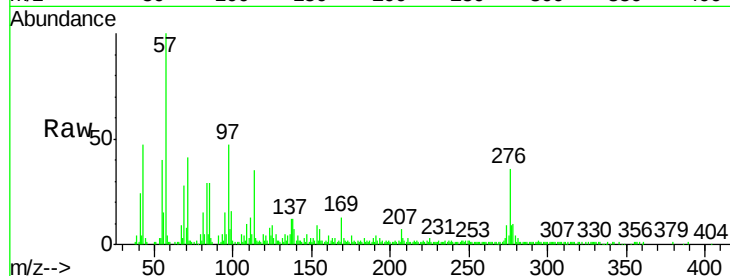
ClientSampled :

SP-4

Tot Ion:	276	Resp:	47665
Ion Ratio	Lower	Upper	
276	100		
138	30.4	25.0	37.6
277	24.0	20.1	30.1

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#86

Perylene-d12

Concen: 20.000 ng

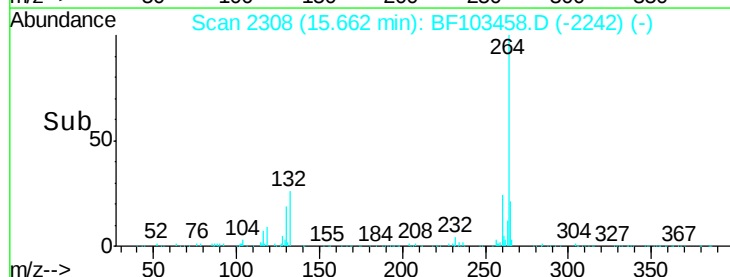
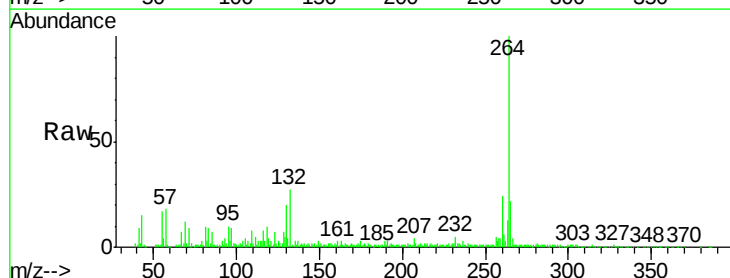
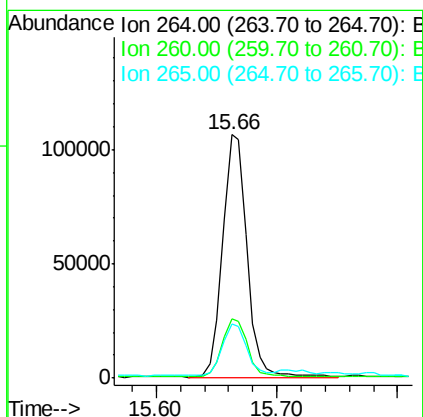
RT: 15.66 min Scan# 2308

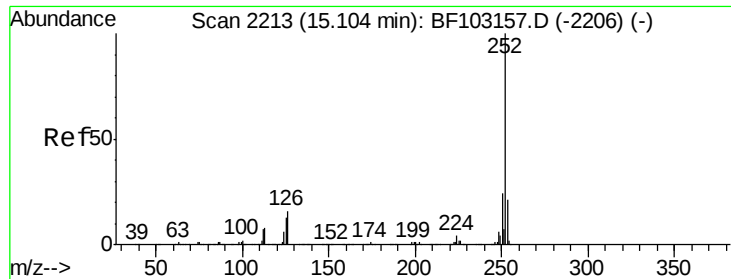
Delta R.T. 0.09 min

Lab File: BF103458.D

Acq: 6 Mar 2018 16:17

Tgt Ion:	264	Resp:	148358
Ion Ratio	Lower	Upper	
264	100		
260	24.4	19.2	28.8
265	22.1	17.5	26.3





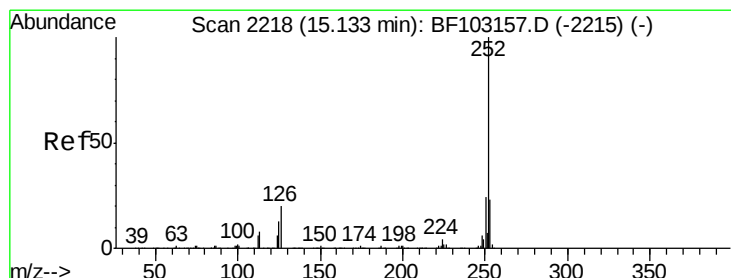
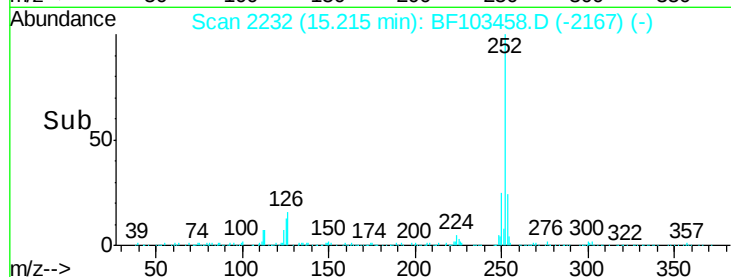
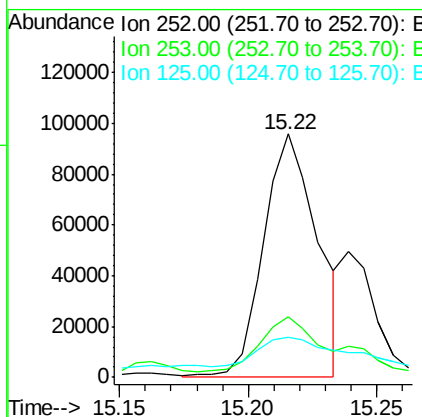
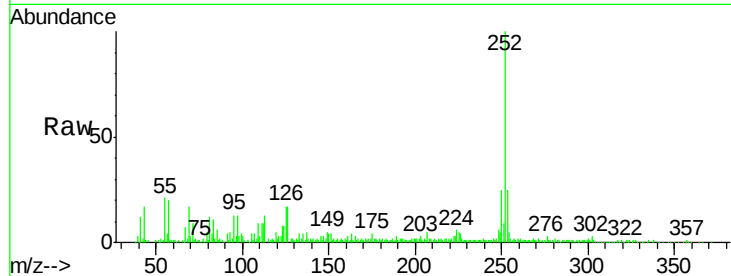
#87
Benzo(b)fluoranthene
Concen: 14.427 ng m
RT: 15.22 min Scan# 2232
Delta R.T. 0.08 min
Lab File: BF103458.D
Acq: 6 Mar 2018 16:17

Instrument :
BNA_F
ClientSampleId :
SP-4

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.0	17.0	25.6
125	16.7	9.0	13.6

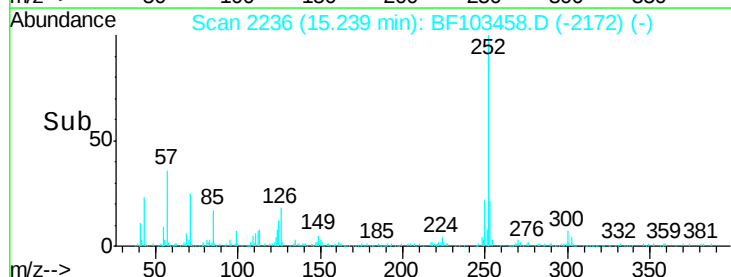
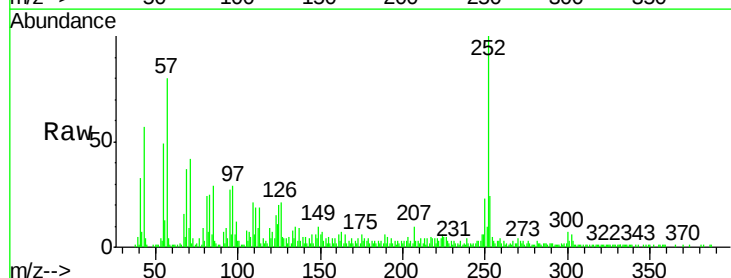
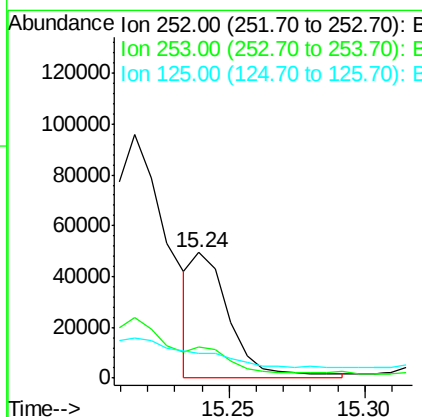
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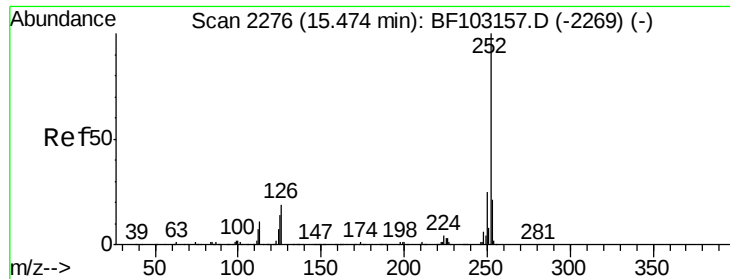
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#88
Benzo(k)fluoranthene
Concen: 5.259 ng m
RT: 15.24 min Scan# 2236
Delta R.T. 0.08 min
Lab File: BF103458.D
Acq: 6 Mar 2018 16:17

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.9	26.9
125	20.2	10.2	15.2





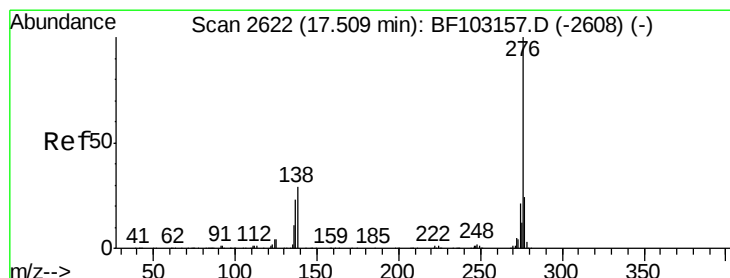
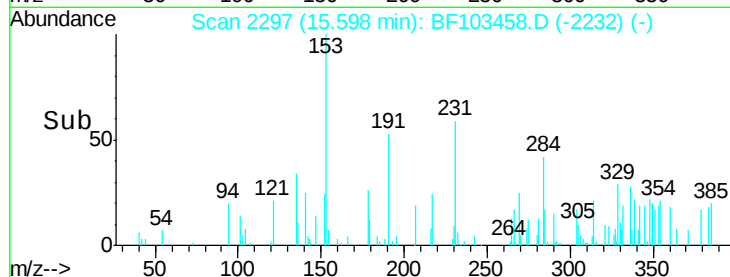
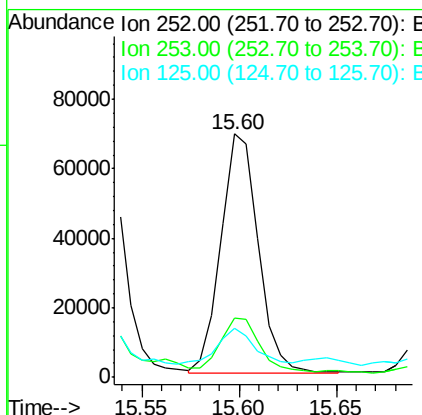
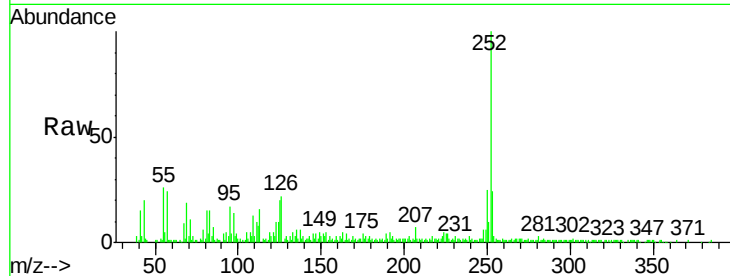
#89
Benzo(a)pyrene
Concen: 10.602 ng
RT: 15.60 min Scan# 2297
Delta R.T. 0.08 min
Lab File: BF103458.D
Acq: 6 Mar 2018 16:17

Instrument :
BNA_F
ClientSampled :
SP-4

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.1	25.7
125	20.3	9.8	14.6

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 7.418 ng
RT: 17.70 min Scan# 2654
Delta R.T. 0.10 min
Lab File: BF103458.D
Acq: 6 Mar 2018 16:17

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.8	17.9	26.9
138	35.2	21.8	32.8

