

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022618\
 Data File : BF103227.D
 Acq On : 26 Feb 2018 19:45
 Operator : SJ/JU
 Sample : J1691-21 2X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B6

Manual Integrations
 APPROVED

Sohil
 2/27/2018 12:23:00 PM

Quant Time: Feb 27 00:42:16 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 23 02:43:46 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	169608	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	685019	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	276220	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	397754	20.00	ng	0.00
75) Chrysene-d12	14.05	240	280111	20.00	ng	0.00
86) Perylene-d12	15.56	264	223119	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	427989	38.16	ng	0.00
7) Phenol-d6	6.50	99	505493	36.84	ng	0.00
23) Nitrobenzene-d5	7.43	82	305941	25.51	ng	-0.01
41) 2,4,6-Tribromophenol	10.70	330	74493	31.86	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	504647	25.67	ng	0.00
78) Terphenyl-d14	12.98	244	321377	27.58	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.62	163	51023	2.303	ng	96
70) Phenanthrene	11.42	178	237359	10.843	ng	99
71) Anthracene	11.47	178	59344	2.644	ng	99
74) Fluoranthene	12.62	202	335618	15.258	ng	98
77) Pyrene	12.84	202	315533	14.448	ng	100
80) Benzo(a)anthracene	14.04	228	169621	9.333	ng	97
82) Chrysene	14.07	228	160837	9.114	ng	96
85) Indeno(1,2,3-cd)pyrene	17.08	276	65202	4.667	ng	95
87) Benzo(b)fluoranthene	15.12	252	178208m	12.148	ng	
88) Benzo(k)fluoranthene	15.14	252	58083m	4.205	ng	
89) Benzo(a)pyrene	15.49	252	114063	8.707	ng	# 81
91) Benzo(a,h,i)perylene	17.54	276	61796	6.246	ng	# 91

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

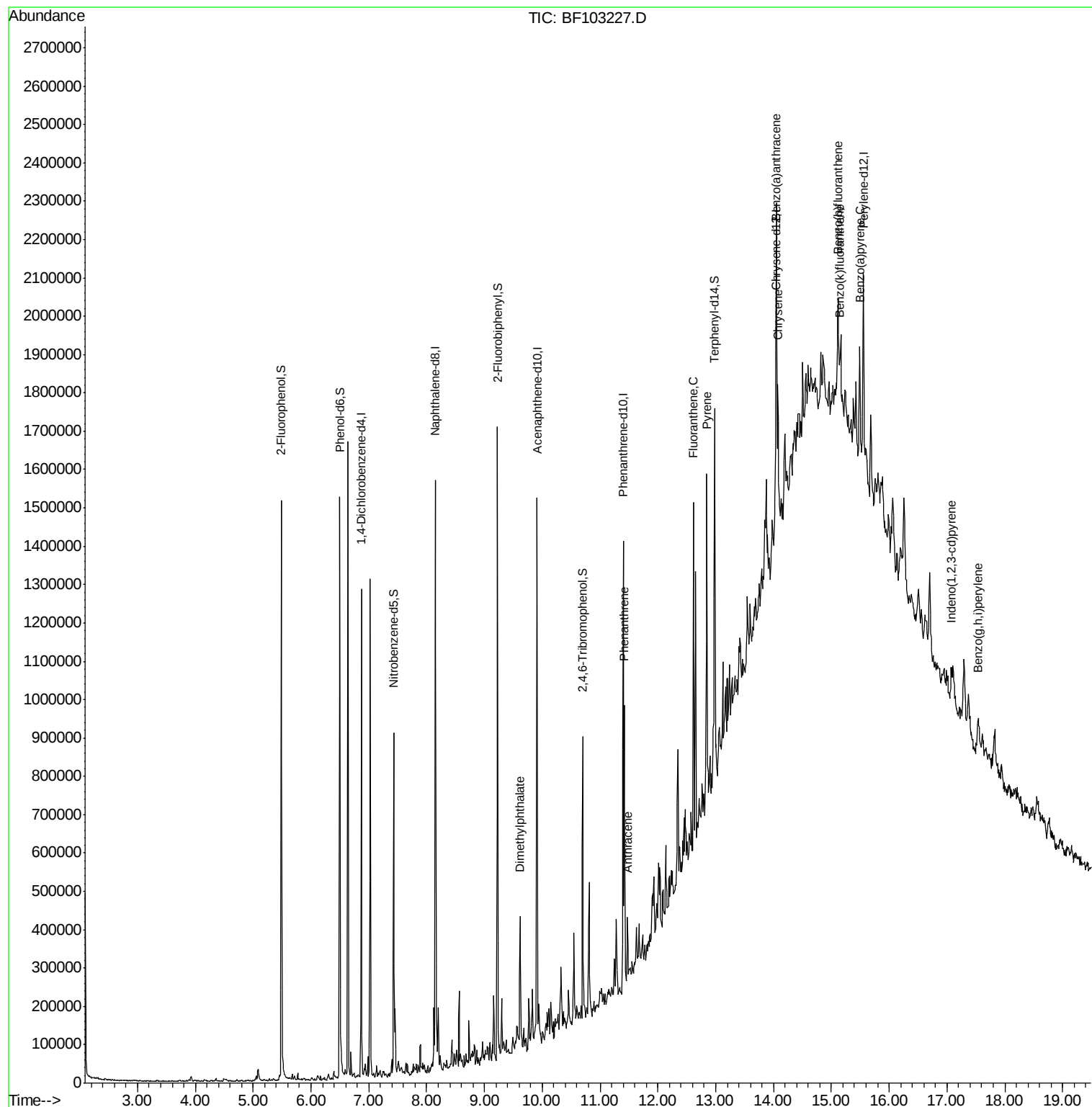
Data Path : Z:\HPCHEM1\BNA F\DATA\BF022618\
Data File : BF103227.D
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Operator : SJ/JU
Sample : J1691-21 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

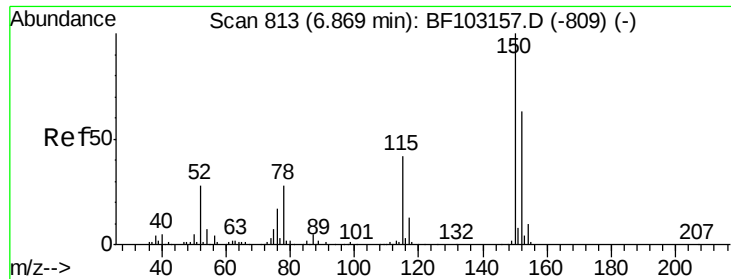
Instrument :
BNA_F
ClientSampled :
B6

Manual Integrations
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Quant Time: Feb 27 00:42:16 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

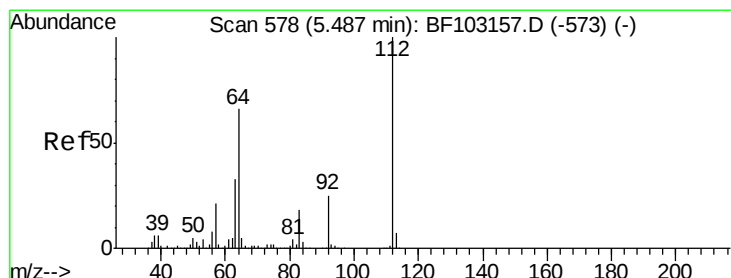
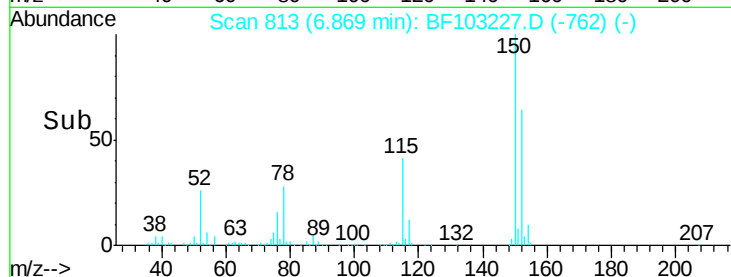
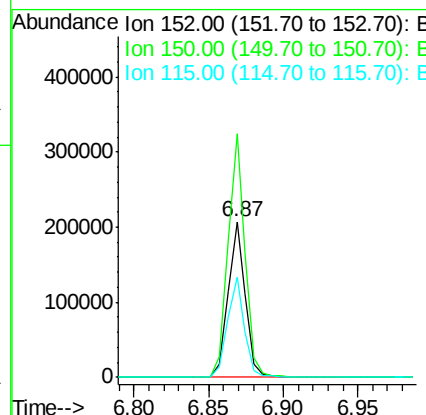
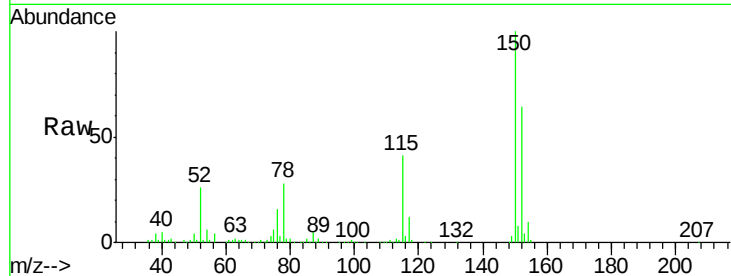
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.00 min
Lab File: BF103227.D
Acq: 26 Feb 2018 19:45

Instrument :
BNA_F
ClientSampleId :
B6

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.3	124.6	186.8
115	64.0	50.1	75.1

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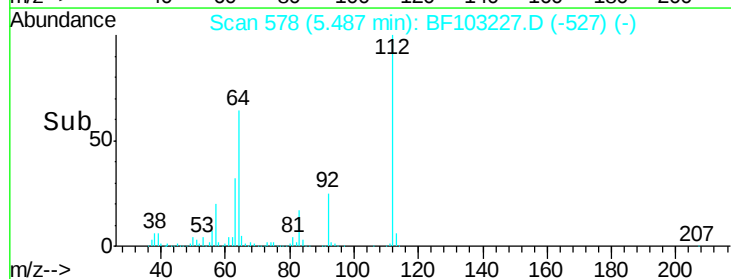
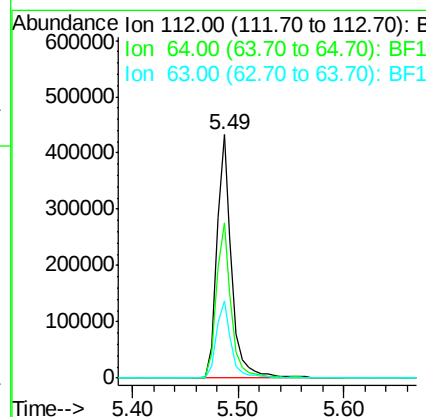
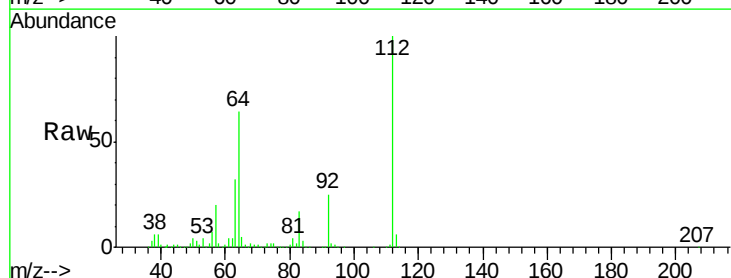
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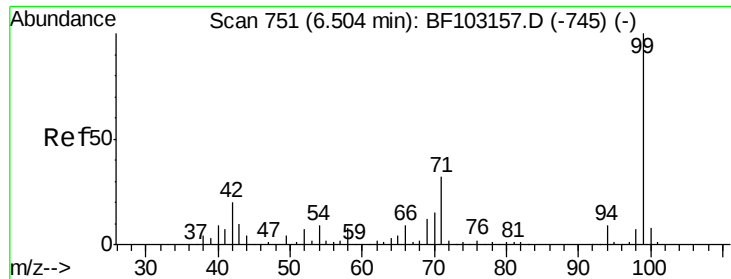


#5

2-Fluorophenol
Concen: 38.165 ng
RT: 5.49 min Scan# 578
Delta R.T. -0.00 min
Lab File: BF103227.D
Acq: 26 Feb 2018 19:45

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.6	47.9	71.9
63	31.6	23.7	35.5





#7

Phenol-d6

Concen: 36.837 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF103227.D

Acq: 26 Feb 2018 19:45

Instrument :

BNA_F

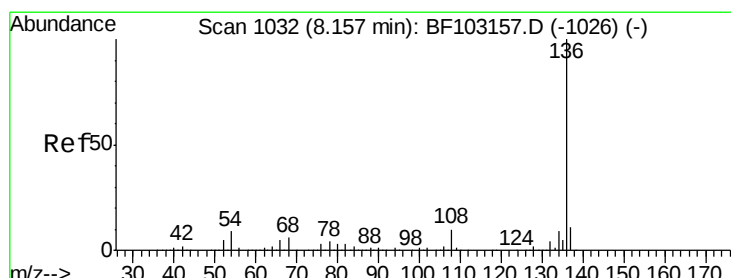
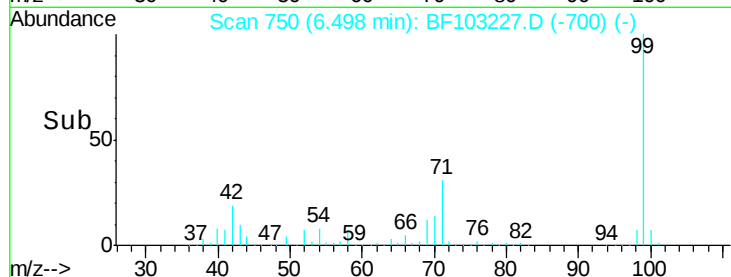
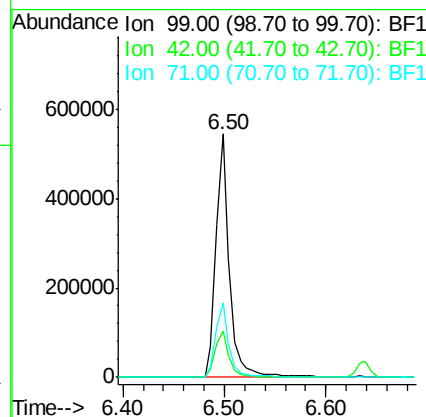
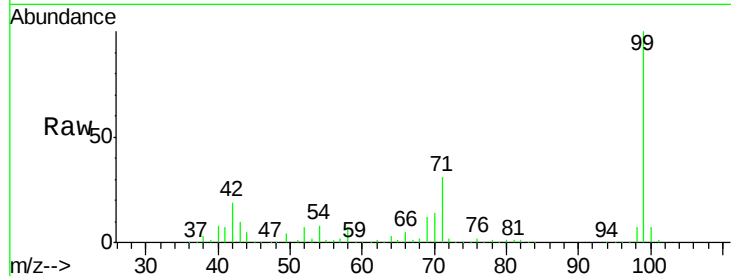
ClientSampled :

B6

Tot Ion:	99	Resp:	505493
Ion	Ratio	Lower	Upper
99	100		
42	19.3	14.5	21.7
71	30.8	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

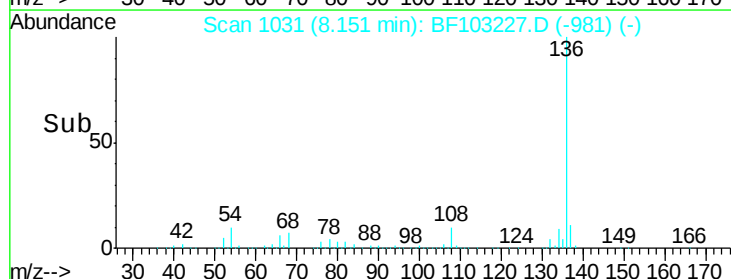
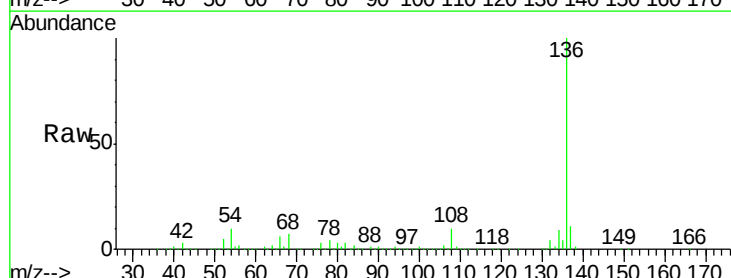
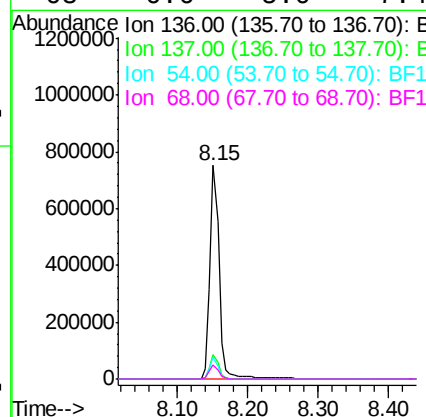
RT: 8.15 min Scan# 1031

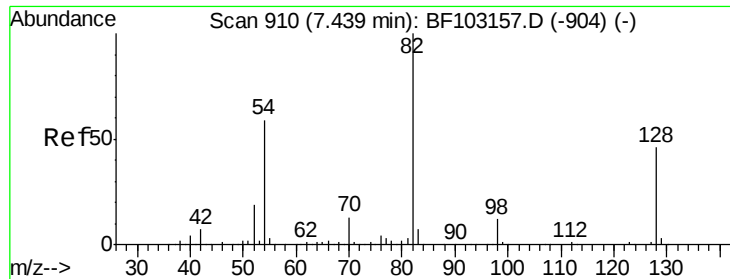
Delta R.T. -0.01 min

Lab File: BF103227.D

Acq: 26 Feb 2018 19:45

Tgt Ion:	136	Resp:	685019
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	10.2	6.6	9.8
68	6.6	5.0	7.4





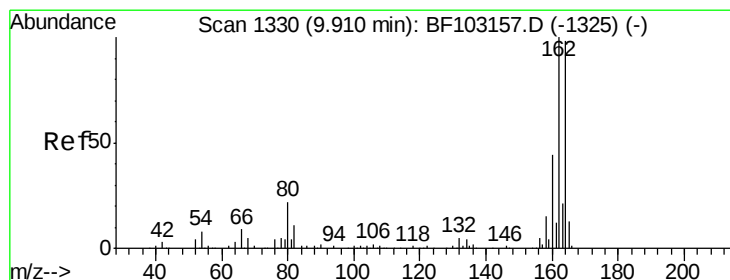
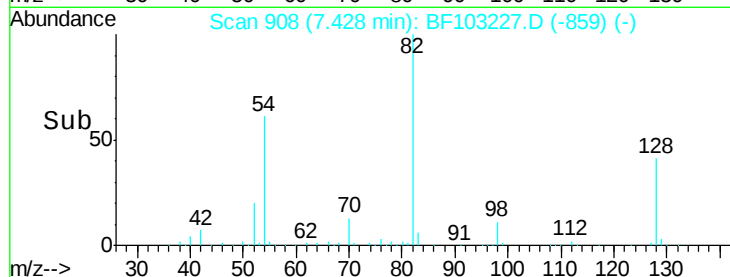
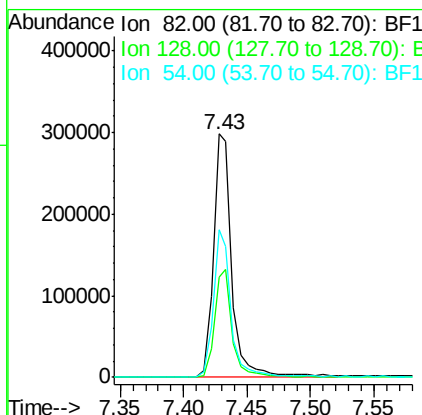
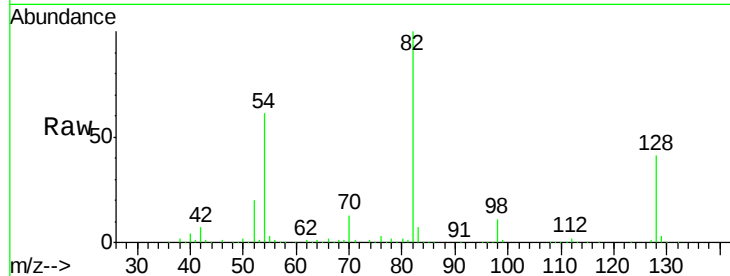
#23
Nitrobenzene-d5
Concen: 25.506 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF103227.D
Acq: 26 Feb 2018 19:45

Instrument :
BNA_F
ClientSampleId :
B6

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	41.4	36.1	54.1	
54	60.8	41.4	62.2	

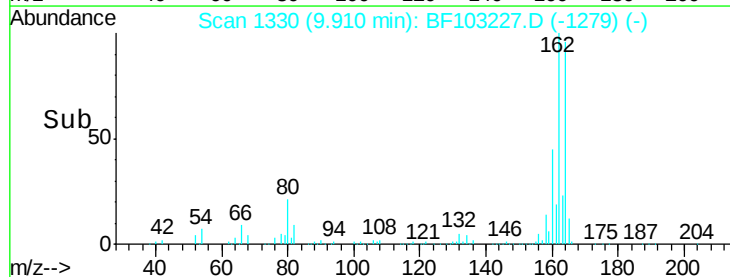
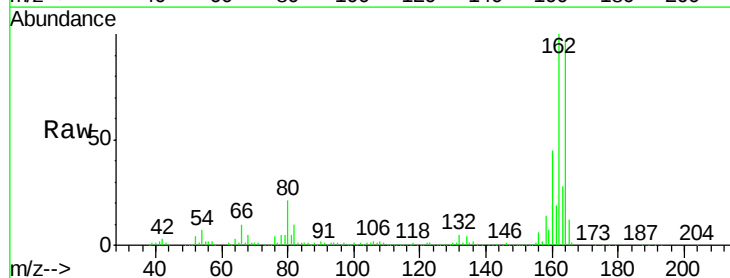
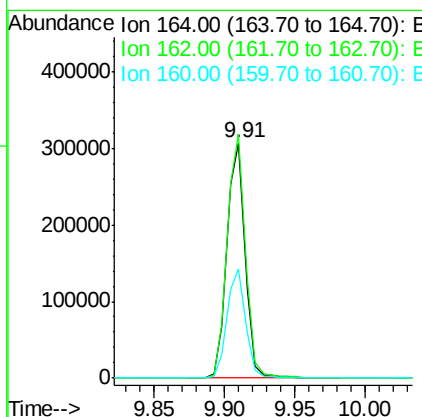
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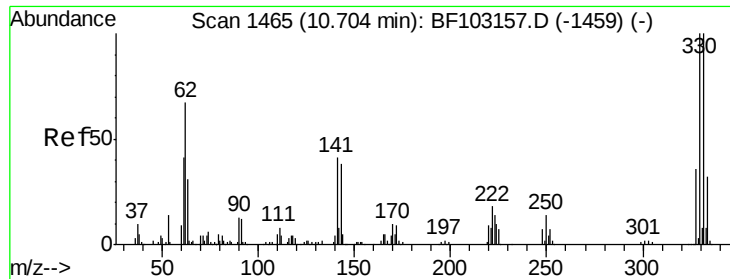
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.00 min
Lab File: BF103227.D
Acq: 26 Feb 2018 19:45

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	103.6	86.1	129.1	
160	46.5	38.3	57.5	





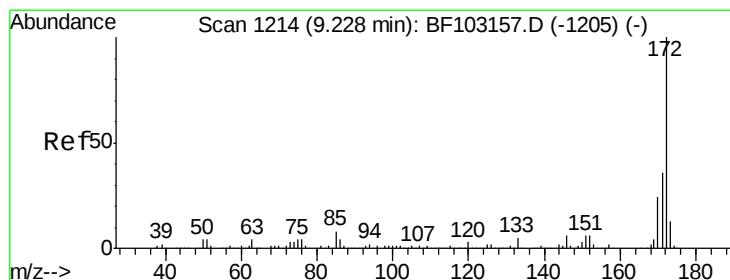
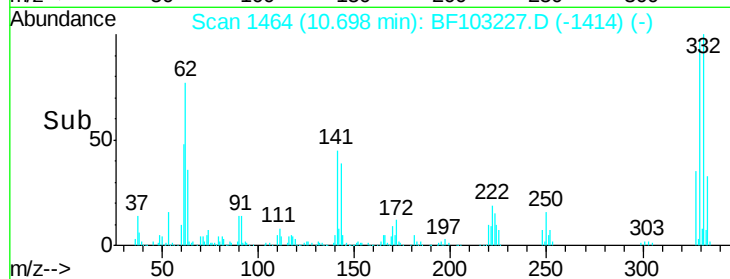
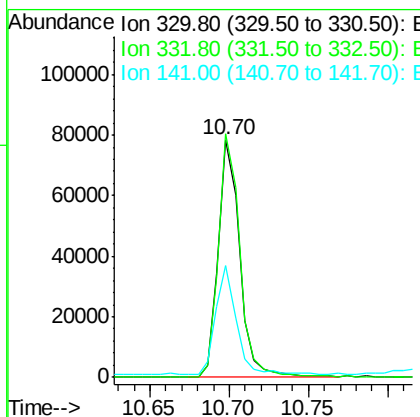
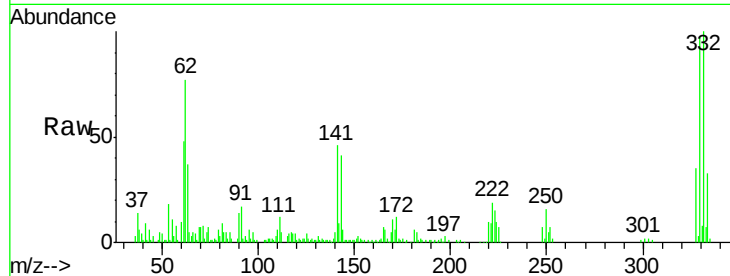
#41
 2,4,6-Tribromophenol
 Concen: 31.861 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.01 min
 Lab File: BF103227.D
 Acq: 26 Feb 2018 19:45

Instrument :
 BNA_F
 ClientSampled :
 B6

Tot Ion	Ratio	Lower	Upper
330	100		
332	101.1	77.0	115.6
141	44.0	29.9	44.9

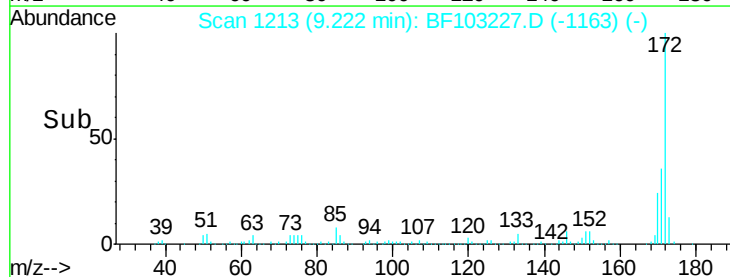
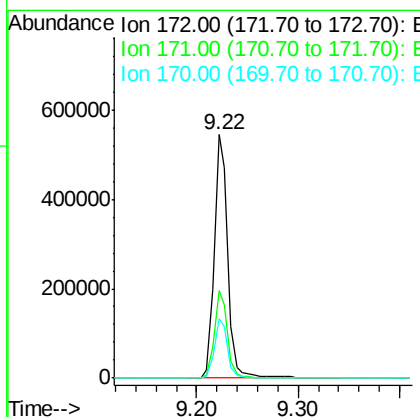
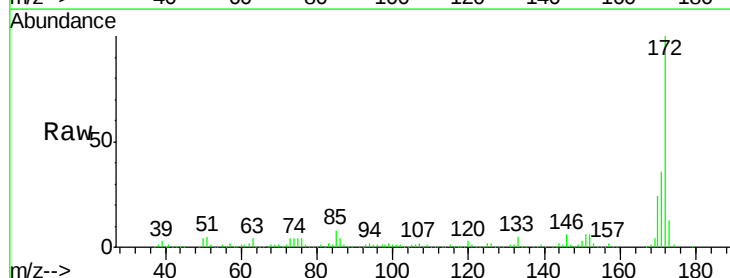
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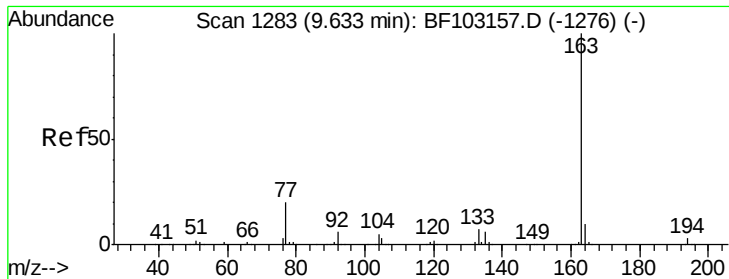
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#44
 2-Fluorobiphenyl
 Concen: 25.669 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.01 min
 Lab File: BF103227.D
 Acq: 26 Feb 2018 19:45

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	24.4	19.6	29.4





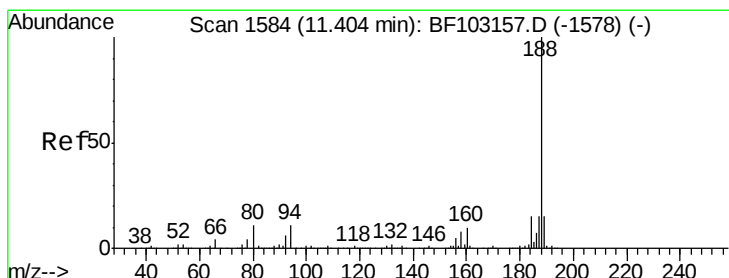
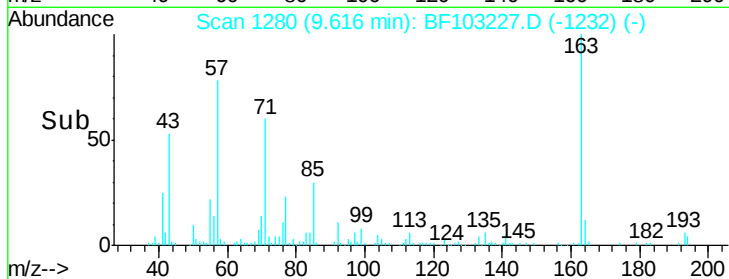
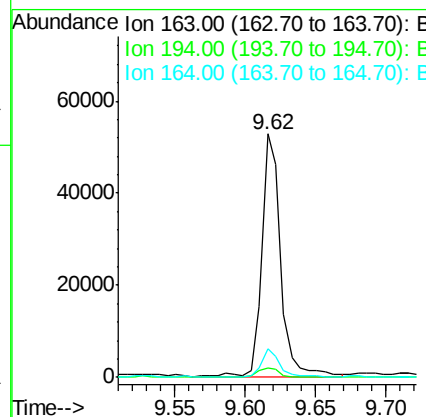
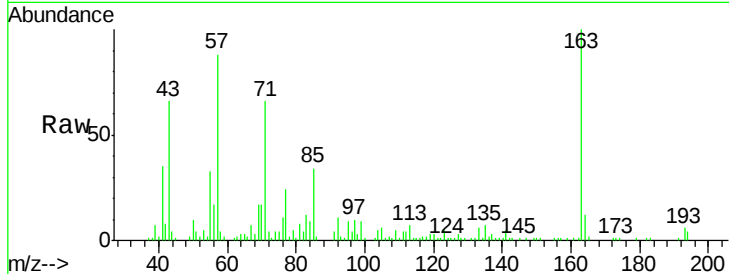
#49
Dimethylphthalate
Concen: 2.303 ng
RT: 9.62 min Scan# 1280
Delta R.T. -0.02 min
Lab File: BF103227.D
Acq: 26 Feb 2018 19:45

Instrument :
BNA_F
ClientSampleId :
B6

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.7	4.1
164	11.9	8.2	12.2

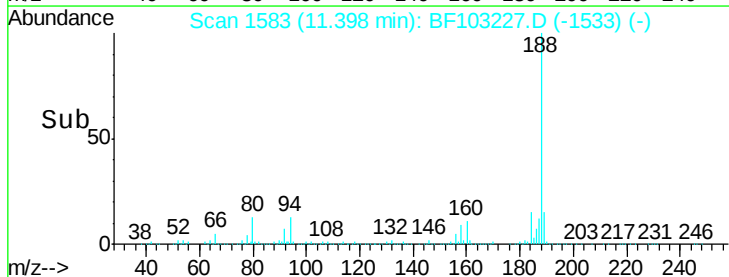
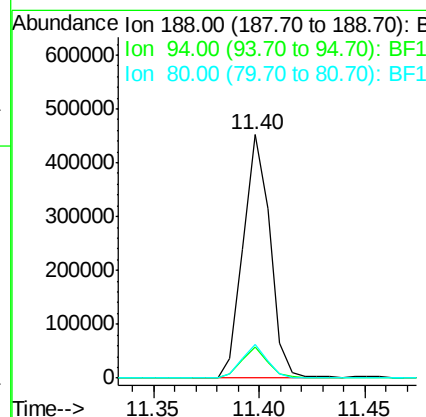
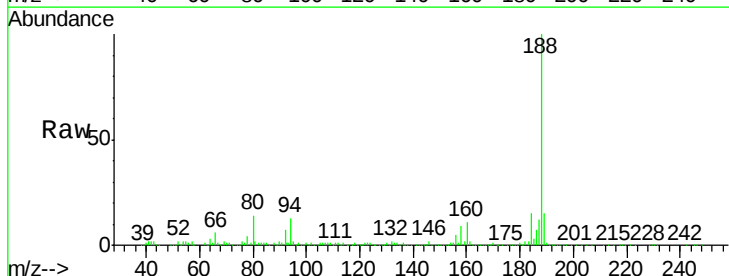
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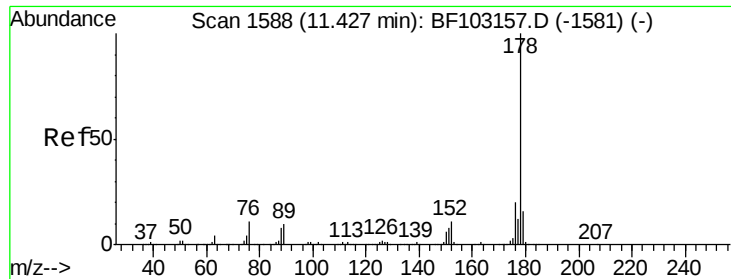
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF103227.D
Acq: 26 Feb 2018 19:45

Tgt Ion	Ratio	Lower	Upper
188	100		
94	13.0	8.5	12.7#
80	13.7	9.2	13.8





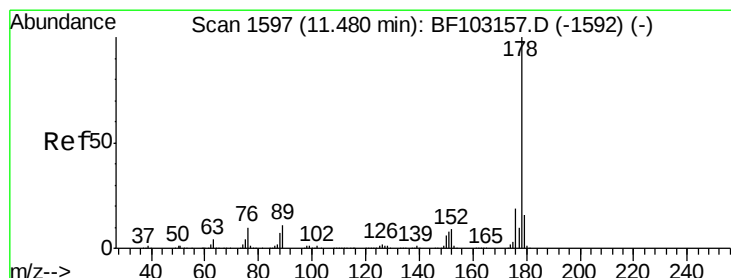
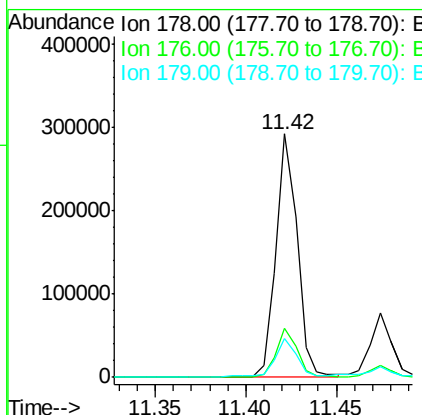
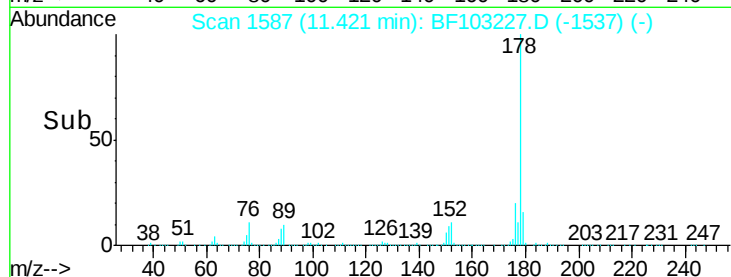
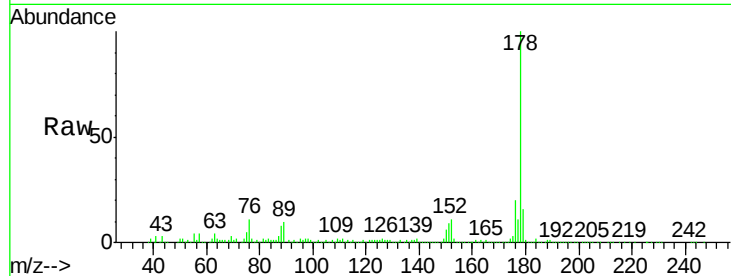
#70
Phenanthrene
Concen: 10.843 ng
RT: 11.42 min Scan# 1587
Delta R.T. -0.01 min
Lab File: BF103227.D
Acq: 26 Feb 2018 19:45

Instrument :
BNA_F
ClientSampleId :
B6

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.3	15.8	23.8
179	15.9	13.0	19.6

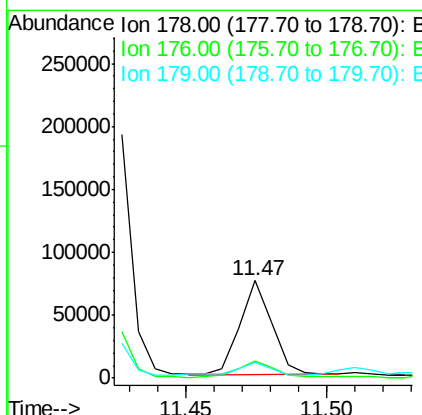
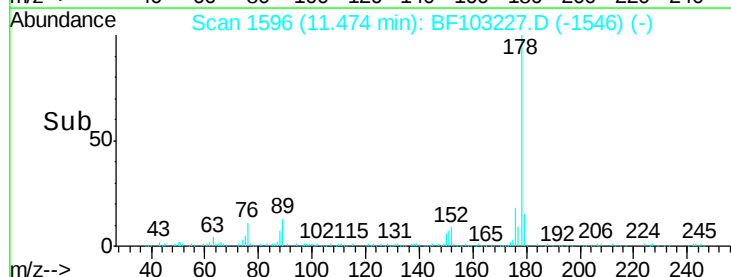
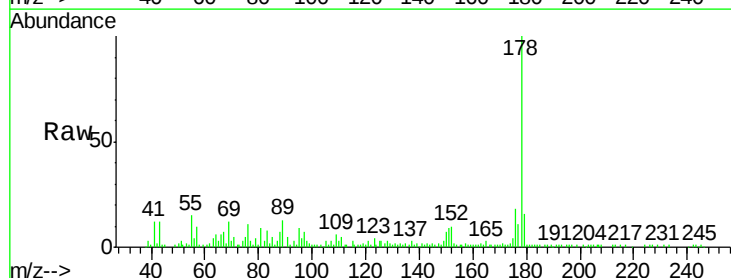
Manual Integrations
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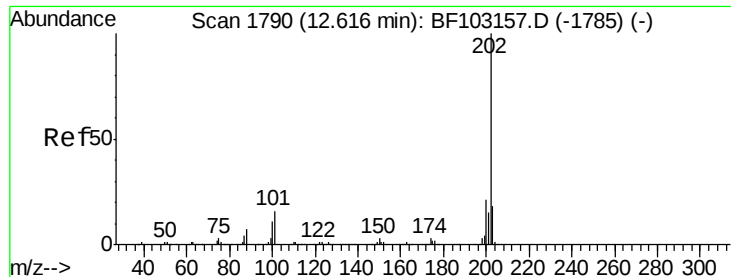
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#71
Anthracene
Concen: 2.644 ng
RT: 11.47 min Scan# 1596
Delta R.T. -0.01 min
Lab File: BF103227.D
Acq: 26 Feb 2018 19:45

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.4	23.2
179	15.8	12.6	19.0





#74

Fluoranthene

Concen: 15.258 ng

RT: 12.62 min Scan# 1790

Delta R.T. -0.00 min

Lab File: BF103227.D

Acq: 26 Feb 2018 19:45

Instrument :

BNA_F

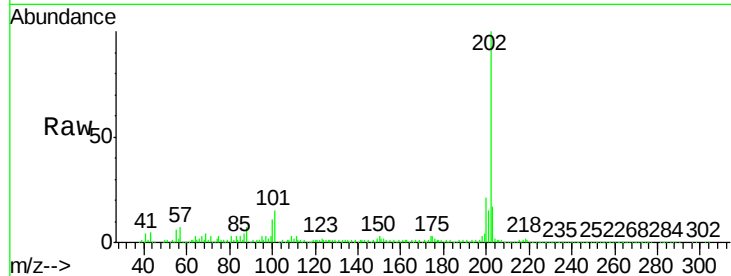
ClientSampled :

B6

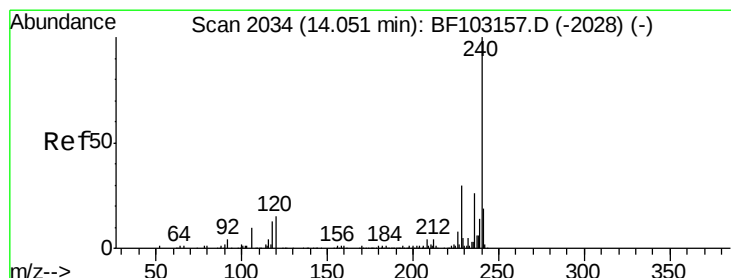
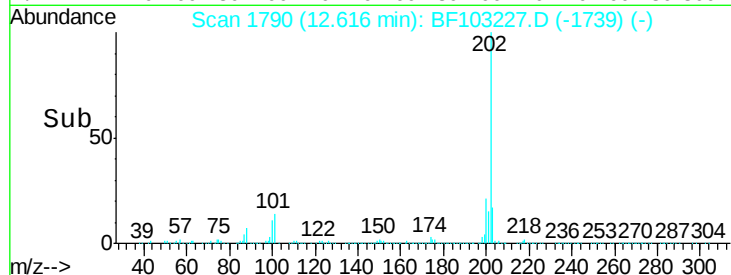
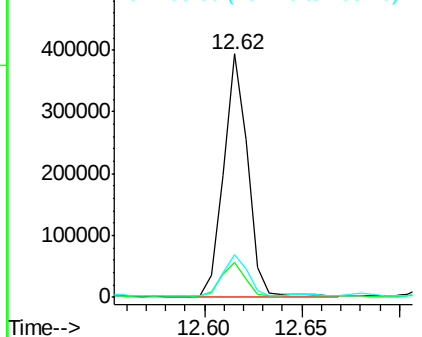
Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100				
101	14.6	0.0	34.1		
203	17.3	0.0	38.1		

Manual Integrations
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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

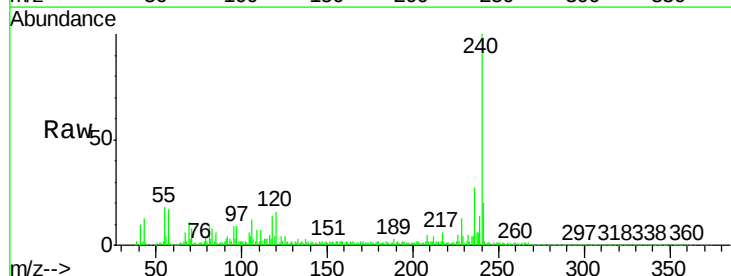
RT: 14.05 min Scan# 2034

Delta R.T. -0.00 min

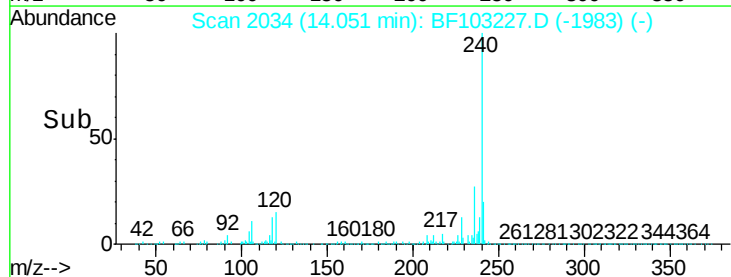
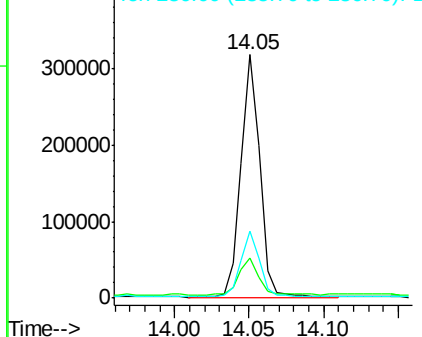
Lab File: BF103227.D

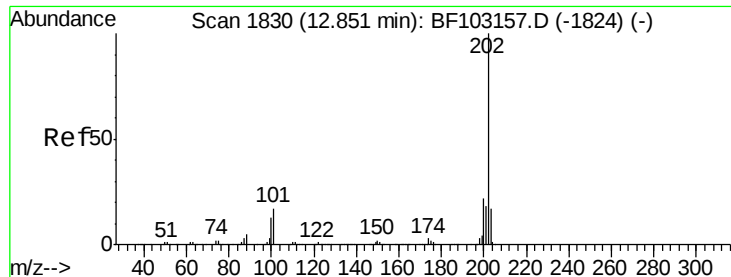
Acq: 26 Feb 2018 19:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100				
120	16.4	9.5	14.3#		
236	27.4	20.7	31.1		



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

Pvrene

Concen: 14.448 ng

RT: 12.84 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BF103227.D

Acq: 26 Feb 2018 19:45

Instrument :

BNA_F

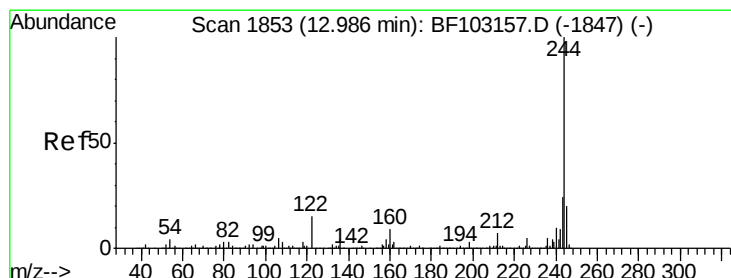
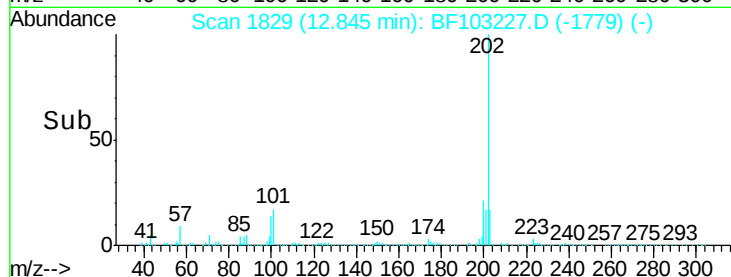
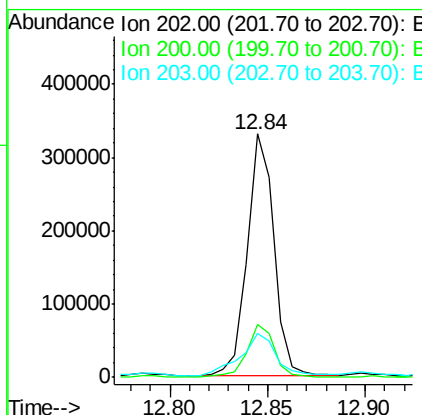
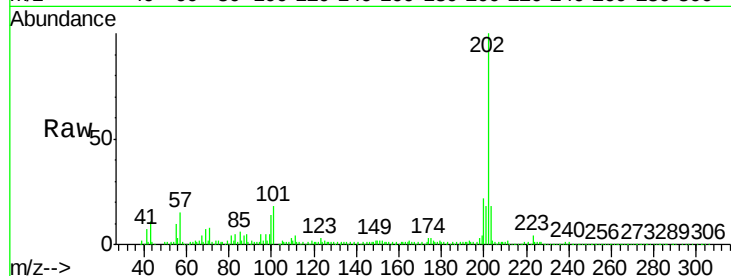
ClientSampleId :

B6

Tot Ion:	202	Resp:	315533
Ion Ratio		Lower	Upper
202	100		
200	21.5	17.4	26.2
203	17.9	14.3	21.5

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#78

Terphenyl-d14

Concen: 27.580 ng

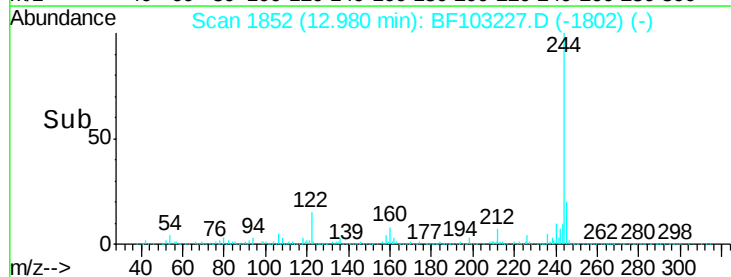
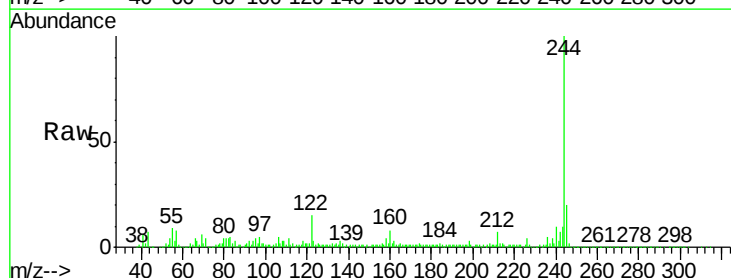
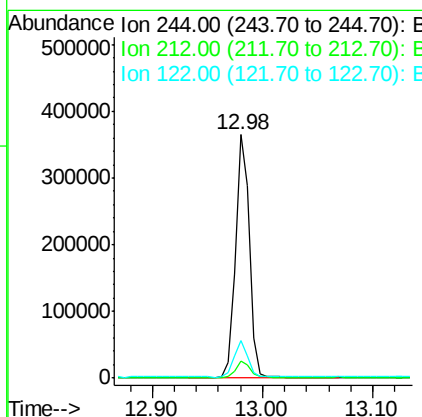
RT: 12.98 min Scan# 1852

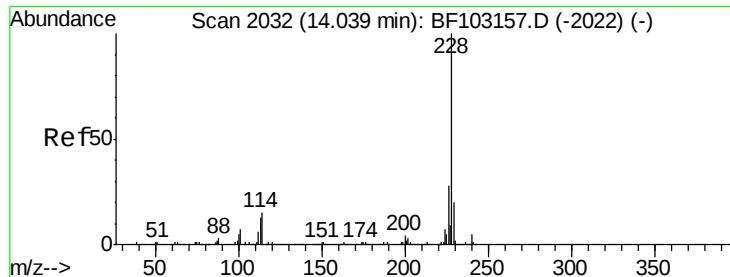
Delta R.T. -0.01 min

Lab File: BF103227.D

Acq: 26 Feb 2018 19:45

Tgt Ion:	244	Resp:	321377
Ion Ratio		Lower	Upper
244	100		
212	7.0	5.4	8.0
122	15.4	11.0	16.4





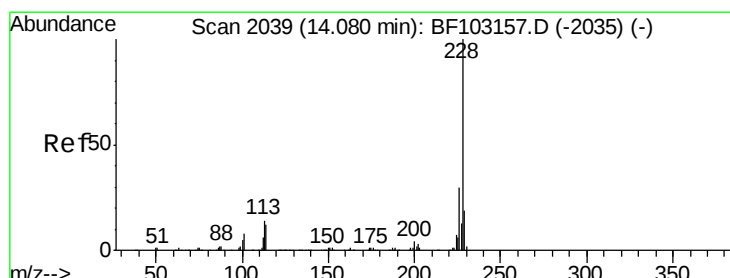
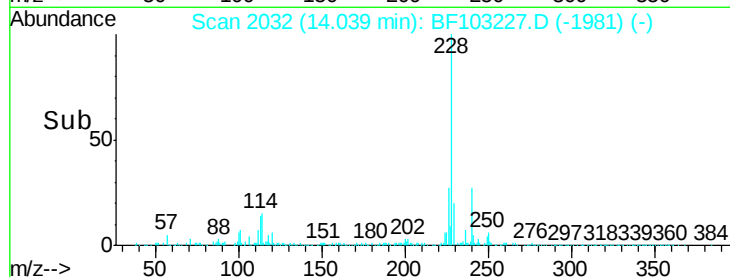
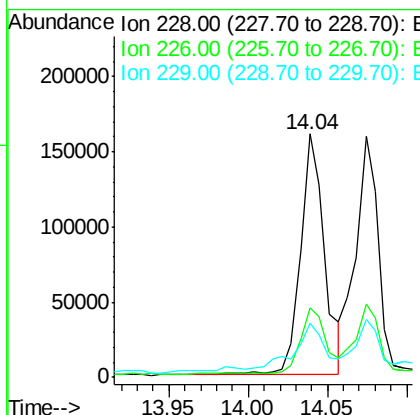
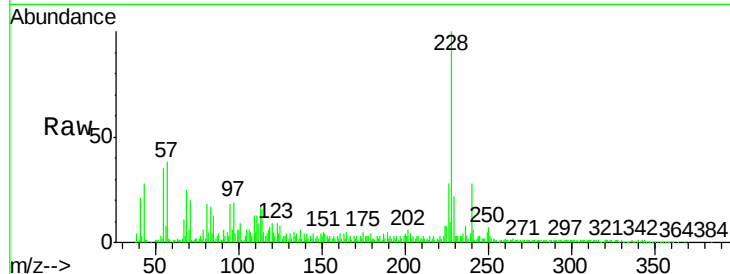
#80
Benzo(a)anthracene
Concen: 9.333 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.00 min
Lab File: BF103227.D
Acq: 26 Feb 2018 19:45

Instrument :
BNA_F
ClientSampleId :
B6

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.5	22.6	33.8
229	22.3	15.8	23.6

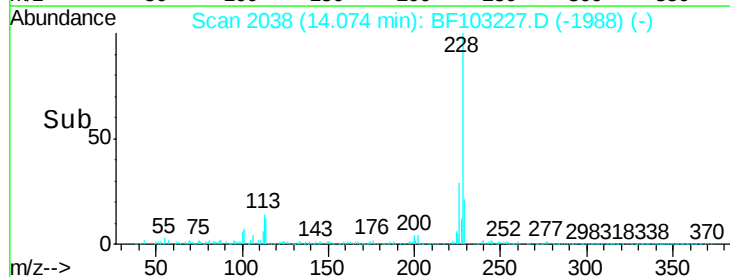
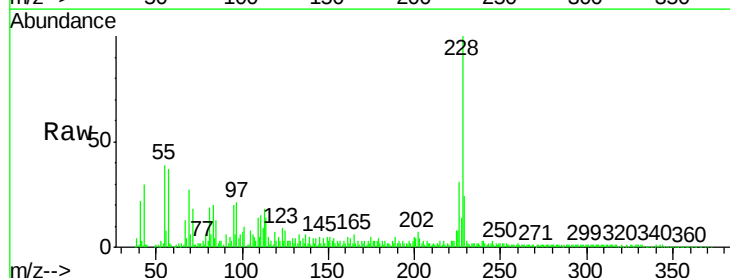
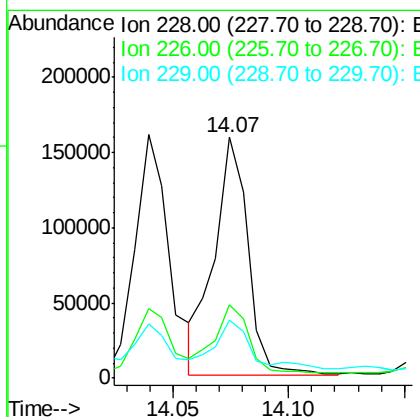
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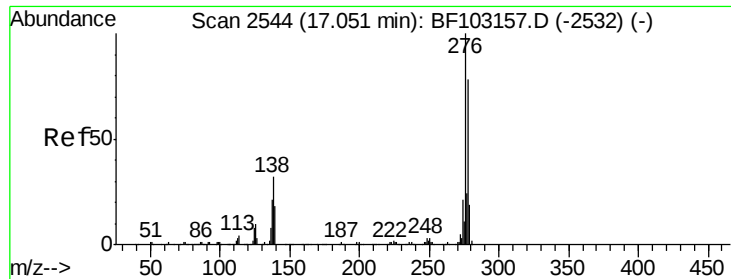
Sohil
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#82
Chrysene
Concen: 9.114 ng
RT: 14.07 min Scan# 2038
Delta R.T. -0.01 min
Lab File: BF103227.D
Acq: 26 Feb 2018 19:45

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.6	25.0	37.6
229	23.8	16.2	24.4





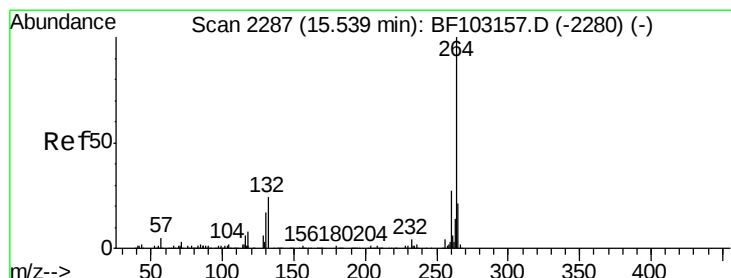
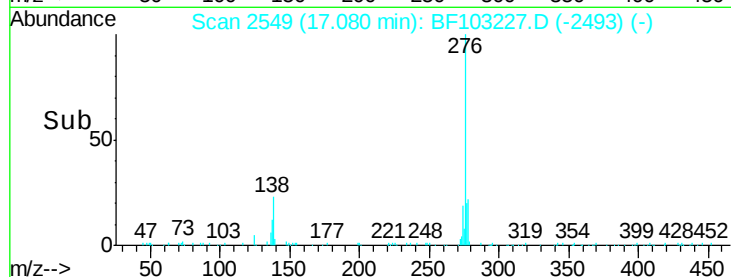
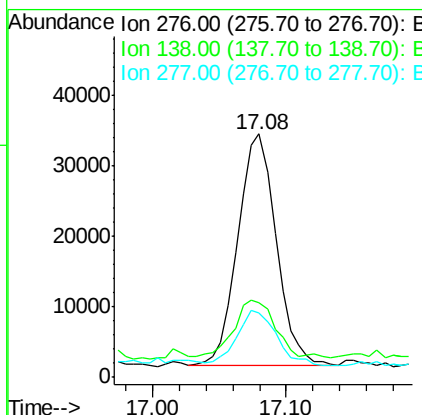
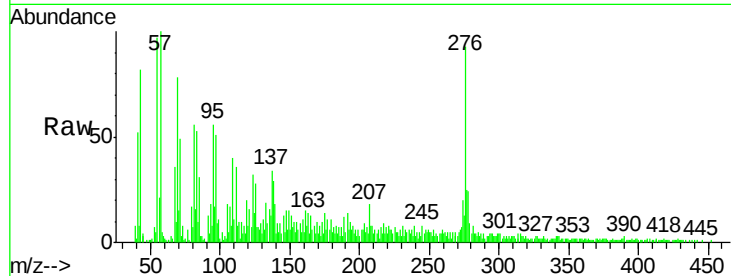
#85
Indeno(1,2,3-cd)pyrene
Concen: 4.667 ng
RT: 17.08 min Scan# 2549
Delta R.T. 0.03 min
Lab File: BF103227.D
Acq: 26 Feb 2018 19:45

Instrument :
BNA_F
ClientSampled :
B6

Tot Ion	Ratio	Lower	Upper
276	100		
138	26.8	25.0	37.6
277	24.7	20.1	30.1

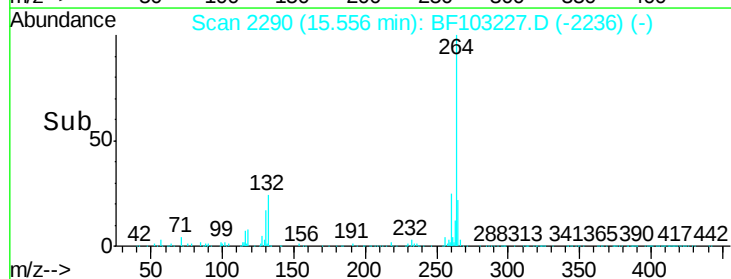
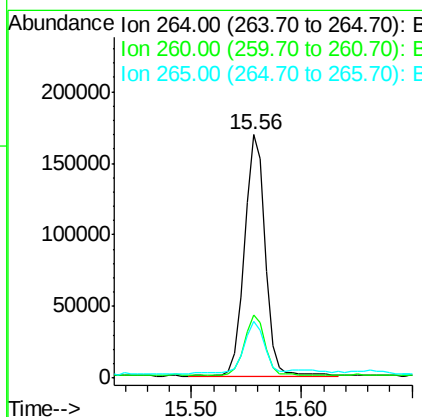
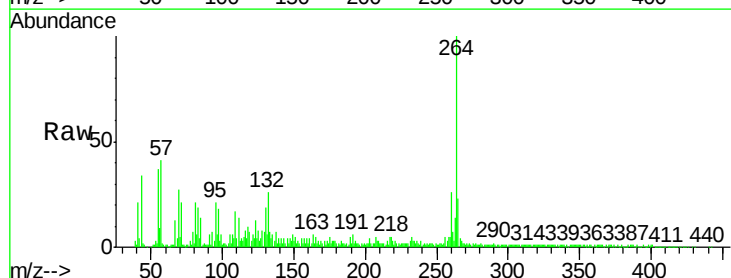
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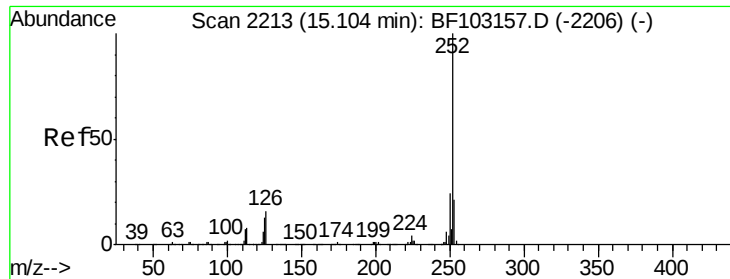
Sohil
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.56 min Scan# 2290
Delta R.T. 0.02 min
Lab File: BF103227.D
Acq: 26 Feb 2018 19:45

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.8	19.2	28.8
265	23.3	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 12.148 ng m

RT: 15.12 min Scan# 2215

Delta R.T. 0.01 min

Lab File: BF103227.D

Acq: 26 Feb 2018 19:45

Instrument :

BNA_F

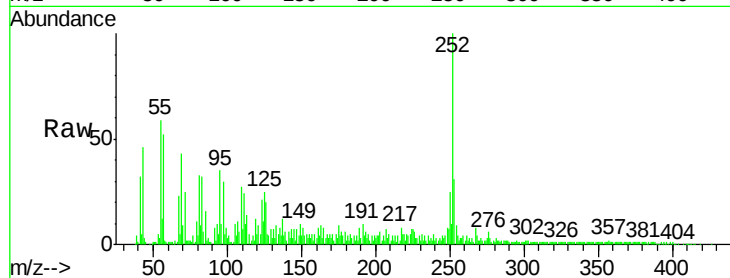
ClientSampleId :

B6

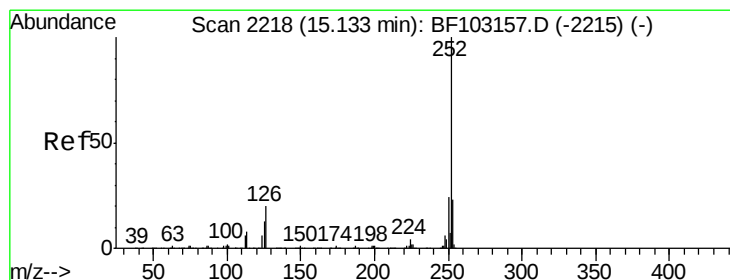
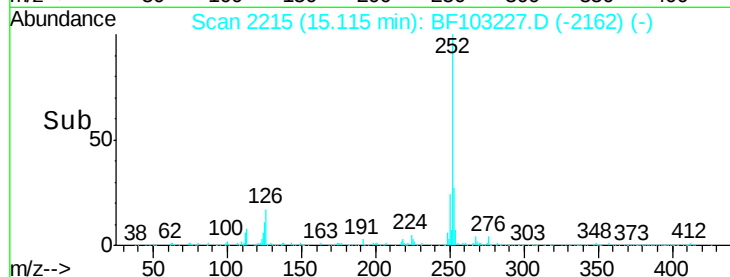
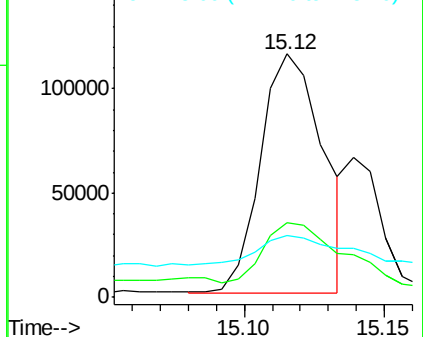
Tot Ion:	252	Resp:	178208
Ion Ratio	Lower	Upper	
252	100		
253	30.9	17.0	25.6#
125	25.4	9.0	13.6#

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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: 4.205 ng m

RT: 15.14 min Scan# 2219

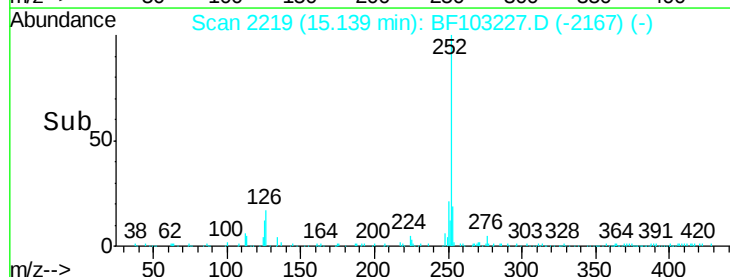
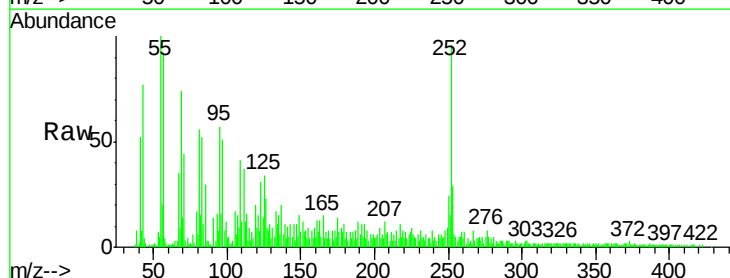
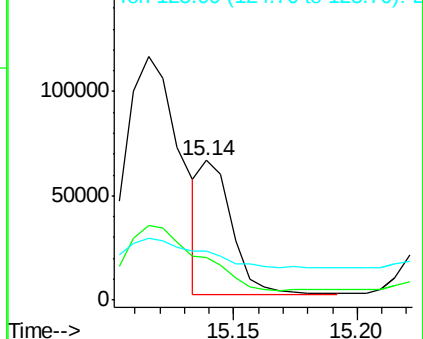
Delta R.T. 0.01 min

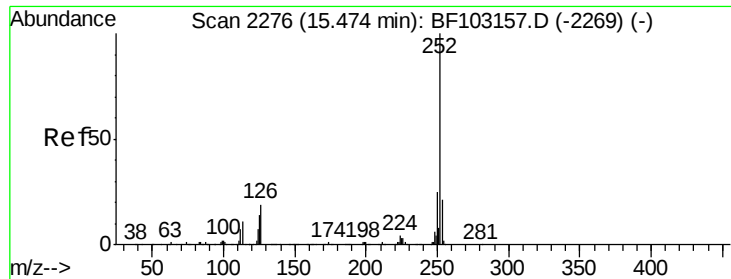
Lab File: BF103227.D

Acq: 26 Feb 2018 19:45

Tgt Ion:	252	Resp:	58083
Ion Ratio	Lower	Upper	
252	100		
253	30.7	17.9	26.9#
125	35.2	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





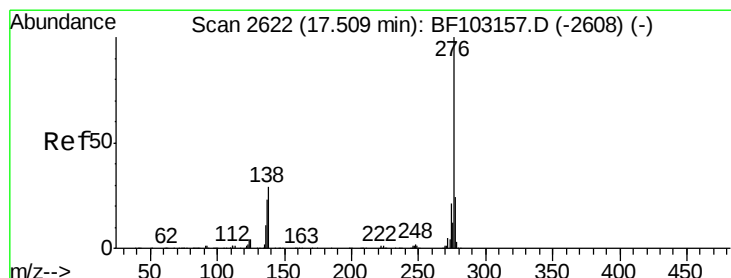
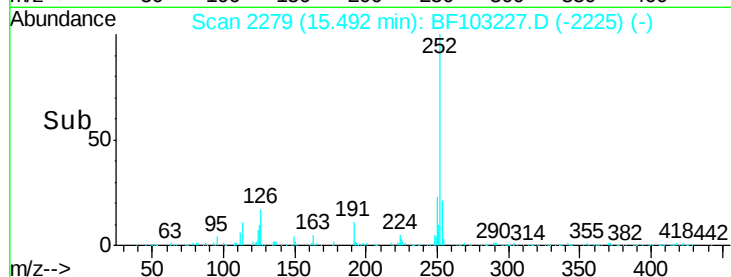
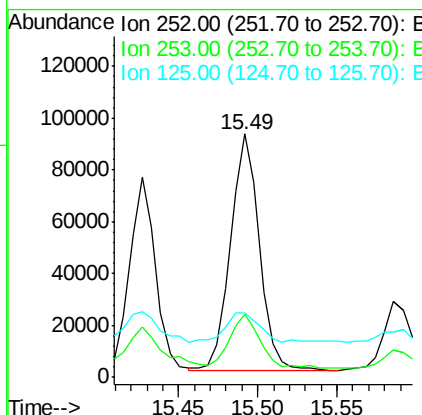
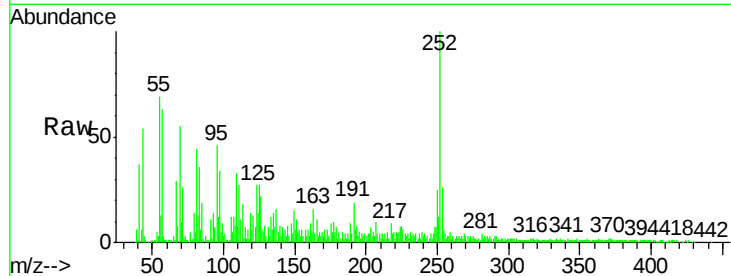
#89
Benzo(a)pyrene
Concen: 8.707 ng
RT: 15.49 min Scan# 2279
Delta R.T. 0.02 min
Lab File: BF103227.D
Acq: 26 Feb 2018 19:45

Instrument :
BNA_F
ClientSampleId :
B6

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.8	17.1	25.7#
125	26.5	9.8	14.6#

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 6.246 ng
RT: 17.54 min Scan# 2628
Delta R.T. 0.04 min
Lab File: BF103227.D
Acq: 26 Feb 2018 19:45

Tgt Ion	Ratio	Lower	Upper
276	100		
277	27.9	17.9	26.9#
138	30.7	21.8	32.8

