

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030618\
 Data File : BF103465.D
 Acq On : 6 Mar 2018 19:43
 Operator : SJ/JU
 Sample : J1722-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-21

Manual Integrations
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Quant Time: Mar 07 01:00:05 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	155570	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	689010	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	288212	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	436691	20.00	ng	0.00
75) Chrysene-d12	14.06	240	289227	20.00	ng	0.00
86) Perylene-d12	15.58	264	227575	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1025001	99.65	ng	0.00
7) Phenol-d6	6.51	99	1204919	95.73	ng	0.00
23) Nitrobenzene-d5	7.44	82	796883	66.05	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	143071	58.65	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1007026	55.20	ng	0.00
78) Terphenyl-d14	12.99	244	701238	58.28	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.62	163	70835	3.064	ng	Qvalue 100
70) Phenanthrene	11.43	178	204848	8.524	ng	99
71) Anthracene	11.49	178	69735	2.830	ng	99
74) Fluoranthene	12.63	202	426516	17.661	ng	99
77) Pyrene	12.86	202	441544	19.581	ng	99
80) Benzo(a)anthracene	14.05	228	190106	10.130	ng	98
82) Chrysene	14.09	228	183507	10.071	ng	97
85) Indeno(1,2,3-cd)pyrene	17.13	276	62285	4.318	ng	97
87) Benzo(b)fluoranthene	15.13	252	171300m	11.448	ng	
88) Benzo(k)fluoranthene	15.16	252	62814m	4.458	ng	
89) Benzo(a)pyrene	15.52	252	118729	8.886	ng	# 93
91) Benzo(a,h,i)perylene	17.60	276	63469	6.290	ng	93

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

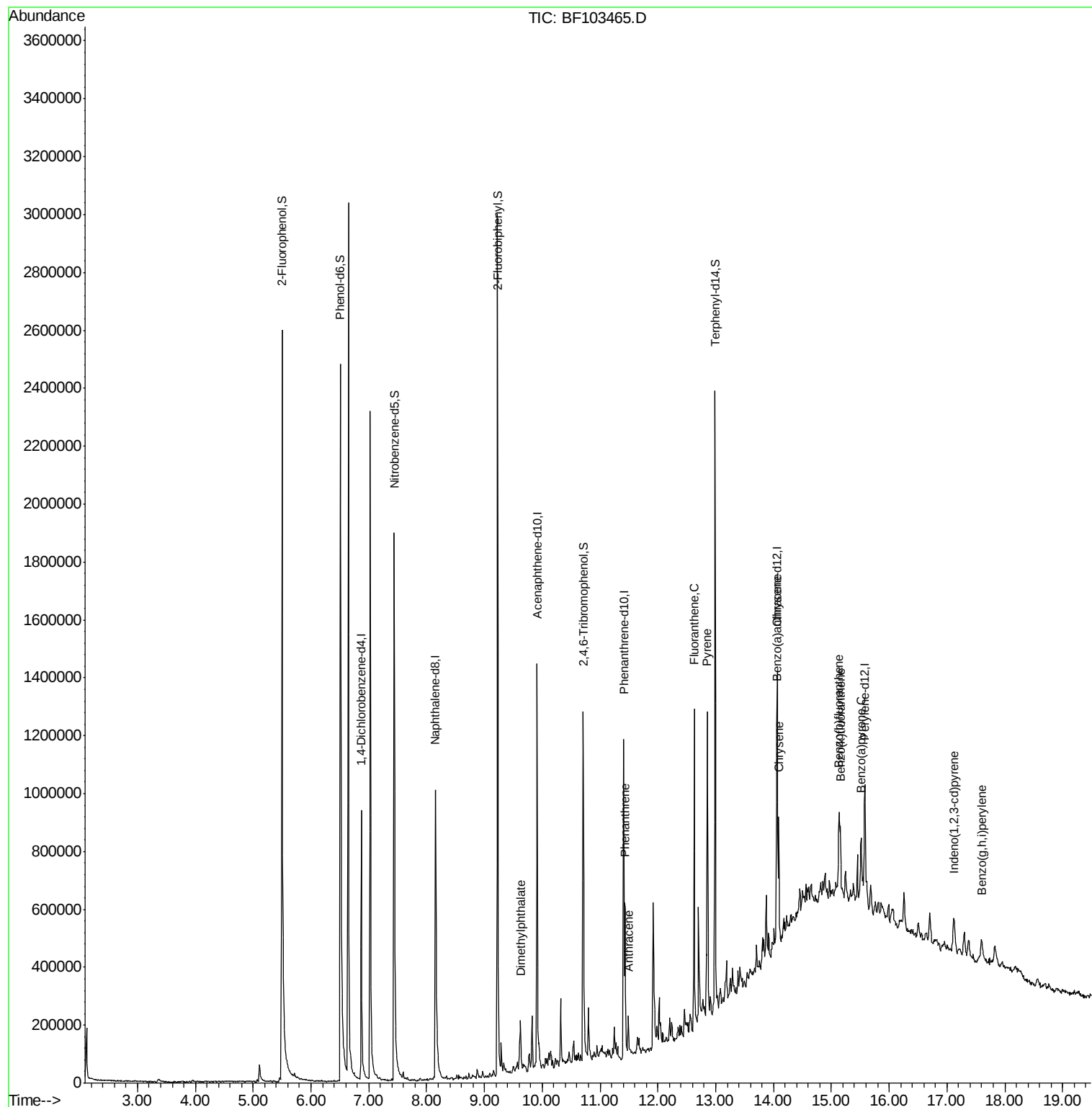
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030618\
Data File : BF103465.D
Acq On : 6 Mar 2018 19:43
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ALS Vial : 7 Sample Multiplier: 1

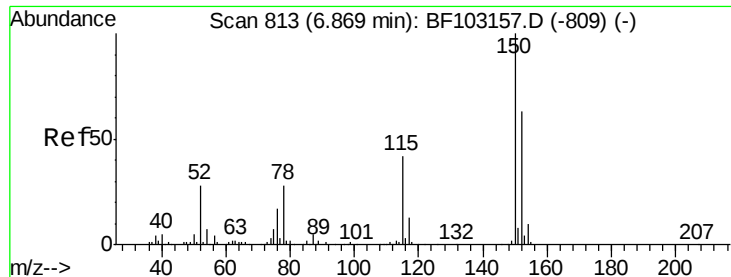
Instrument :
BNA_F
ClientSampleId :
SP-21

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Quant Time: Mar 07 01:00:05 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

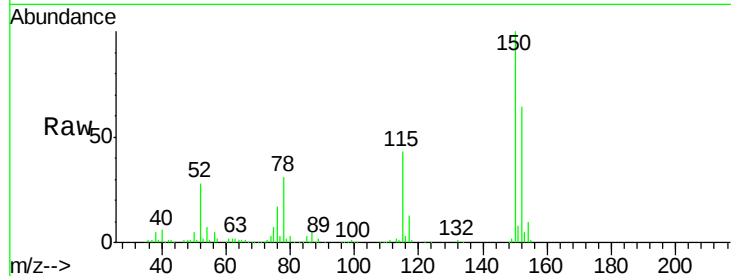
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.00 min
Lab File: BF103465.D
Acq: 6 Mar 2018 19:43

Instrument :
BNA_F
ClientSampled :
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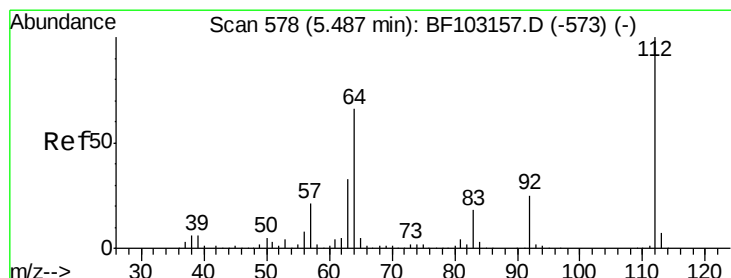
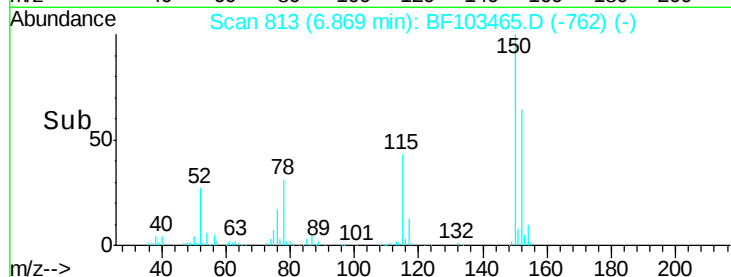
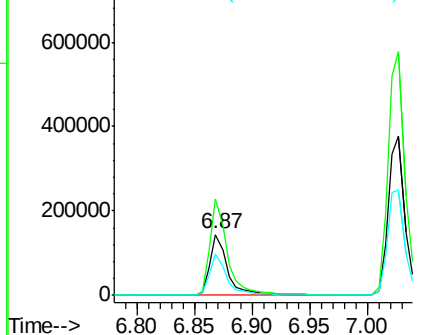
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.0	124.6	186.8
115	66.8	50.1	75.1

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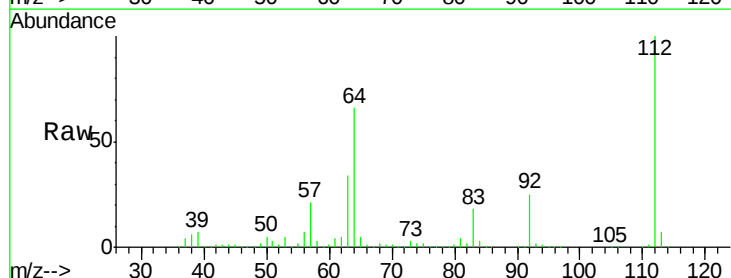
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



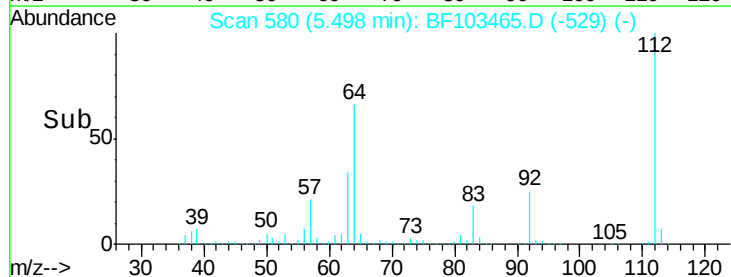
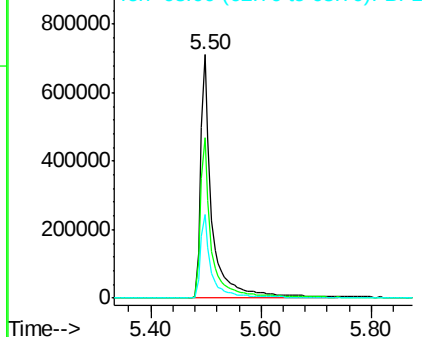
#5

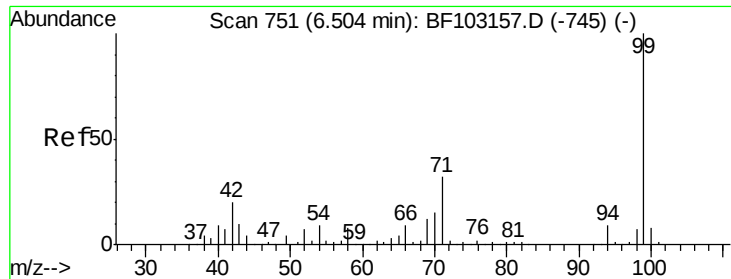
2-Fluorophenol
Concen: 99.649 ng
RT: 5.50 min Scan# 580
Delta R.T. -0.00 min
Lab File: BF103465.D
Acq: 6 Mar 2018 19:43

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.7	47.9	71.9
63	34.2	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: 95.730 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF103465.D

Acq: 6 Mar 2018 19:43

Instrument :

BNA_F

ClientSampled :

SP-21

Tot Ion: 99 Resp: 1204919

Ion Ratio Lower Upper

99 100

42 20.6 14.5 21.7

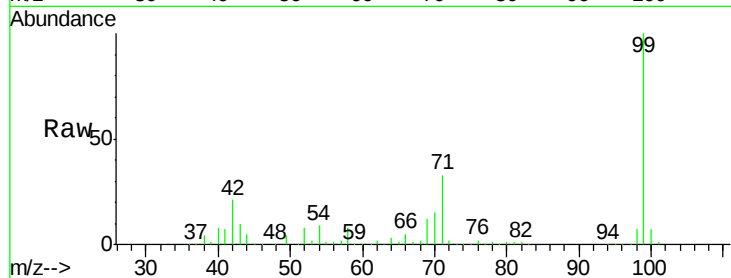
71 32.8 25.4 38.0

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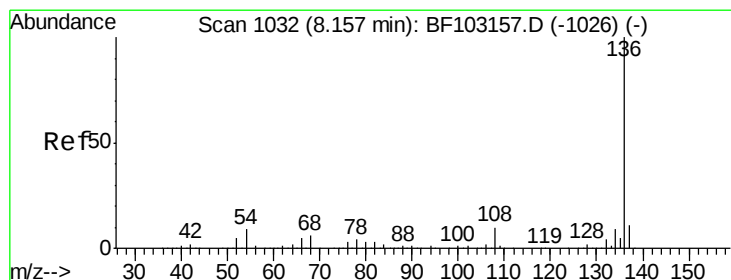
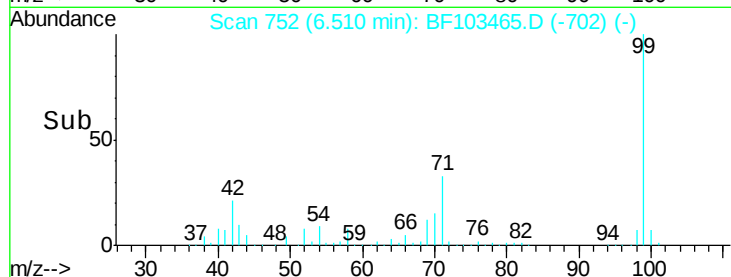
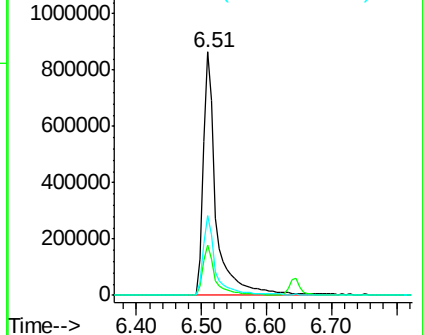
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1032

Delta R.T. -0.00 min

Lab File: BF103465.D

Acq: 6 Mar 2018 19:43

Tgt Ion: 136 Resp: 689010

Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 8.6 6.6 9.8

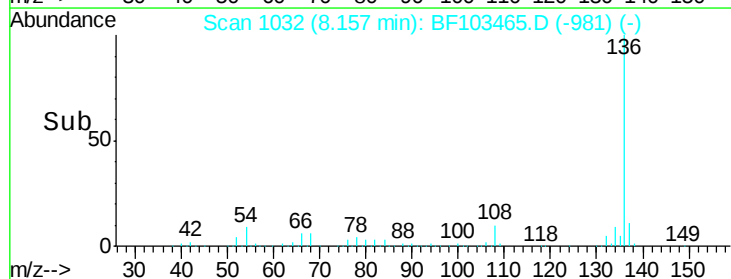
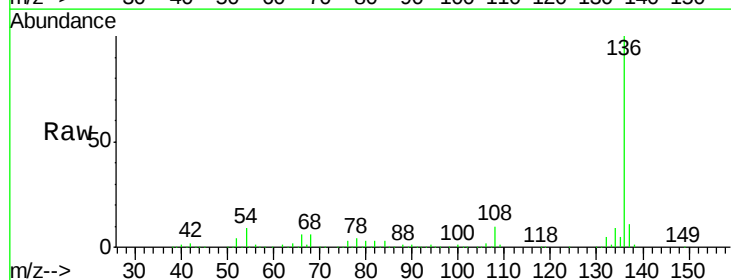
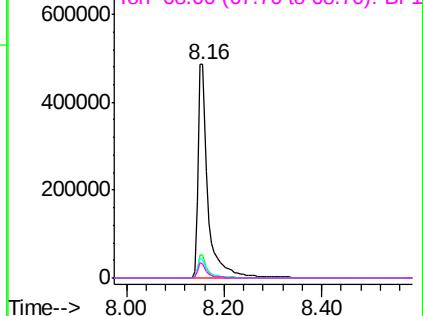
68 6.4 5.0 7.4

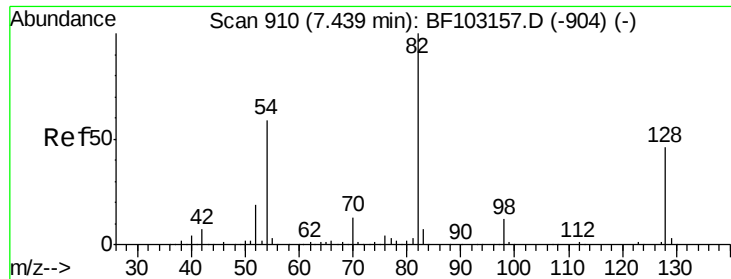
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1





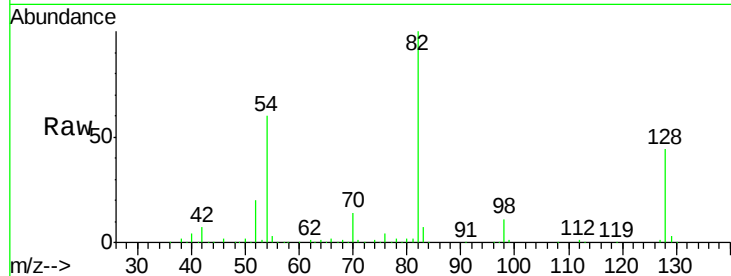
#23
 Nitrobenzene-d5
 Concen: 66.049 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.01 min
 Lab File: BF103465.D
 Acq: 6 Mar 2018 19:43

Instrument :
 BNA_F
 ClientSampled :
 SP-21

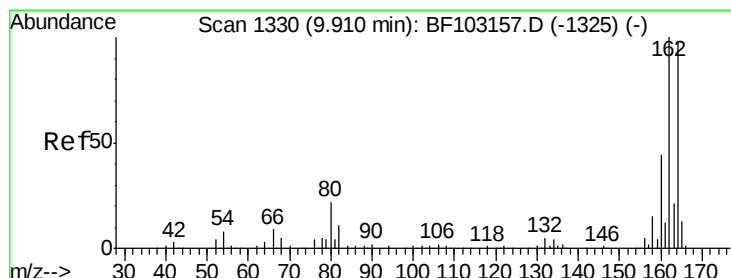
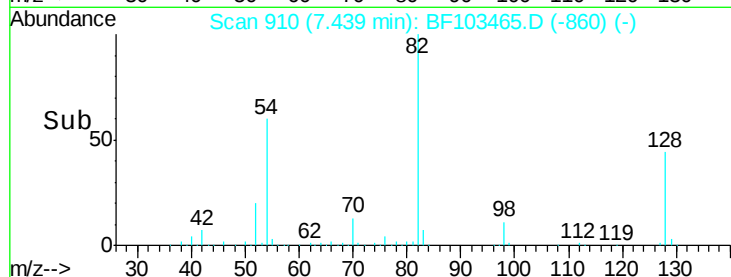
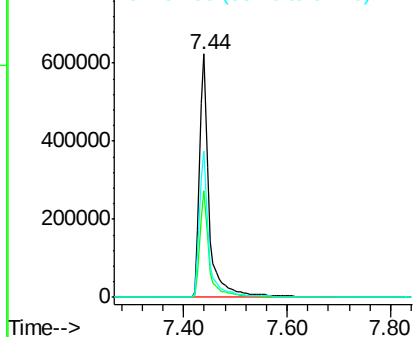
Tot Ion	82	Resp	796883
Ion Ratio	100	Lower	Upper
128	44.0	36.1	54.1
54	59.9	41.4	62.2

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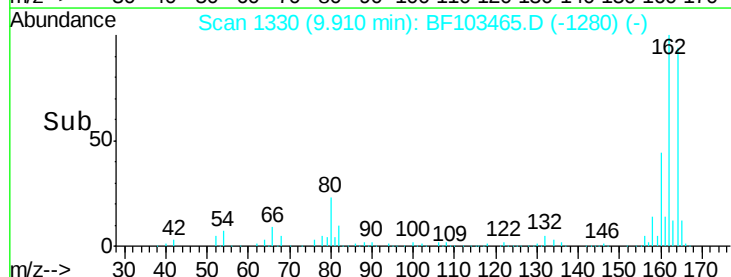
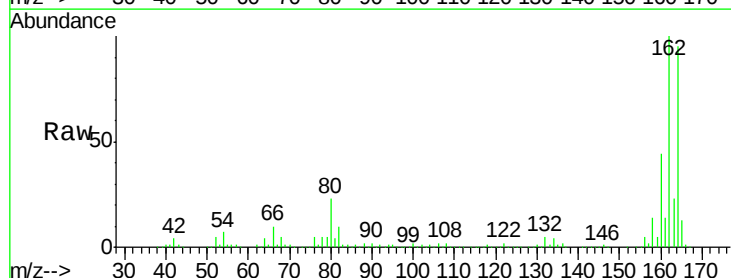
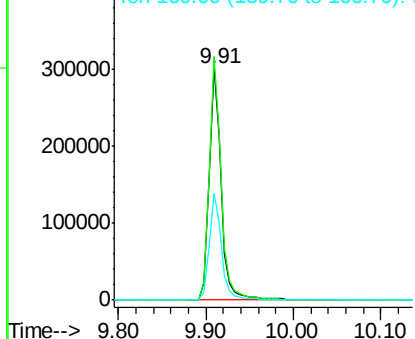
Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

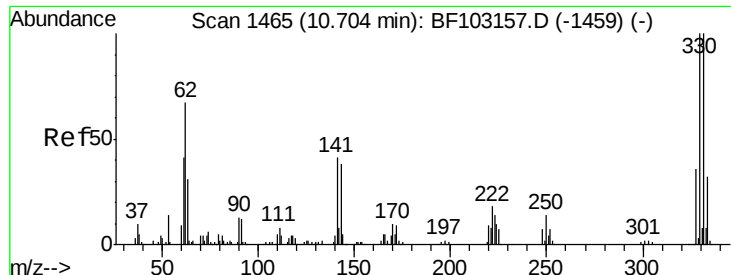


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.01 min
 Lab File: BF103465.D
 Acq: 6 Mar 2018 19:43

Tgt Ion	164	Resp	288212
Ion Ratio	100	Lower	Upper
162	105.0	86.1	129.1
160	45.9	38.3	57.5

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





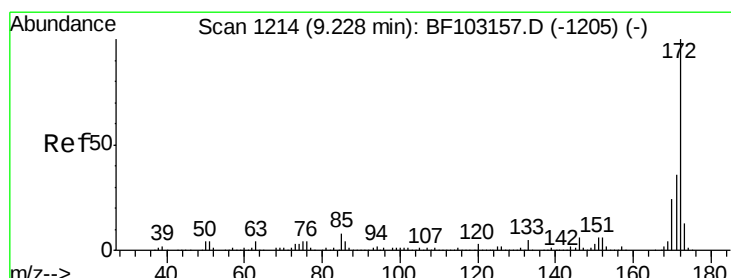
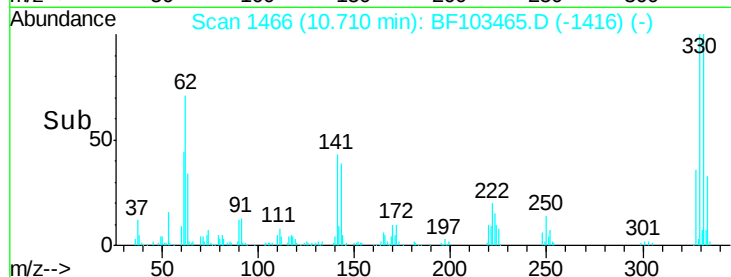
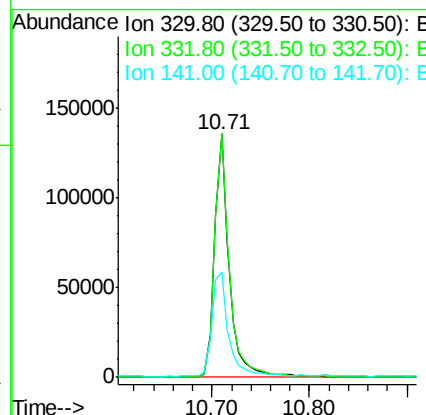
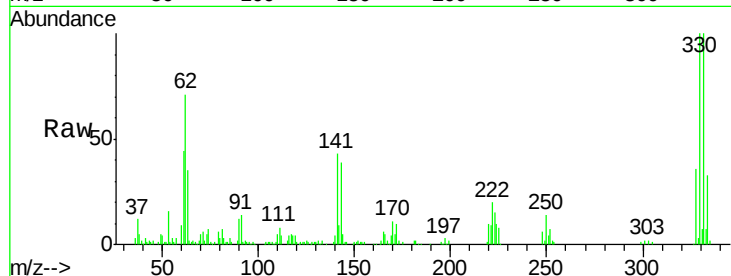
#41
 2,4,6-Tribromophenol
 Concen: 58.646 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.01 min
 Lab File: BF103465.D
 Acq: 6 Mar 2018 19:43

Instrument :
 BNA_F
 ClientSampled :
 SP-21

Tot Ion	Ratio	Lower	Upper
330	100		
332	100.7	77.0	115.6
141	48.0	29.9	44.9

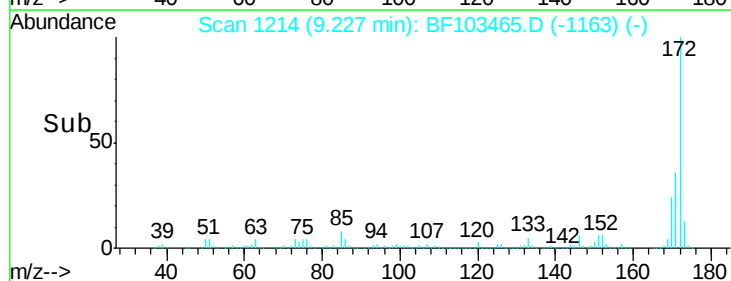
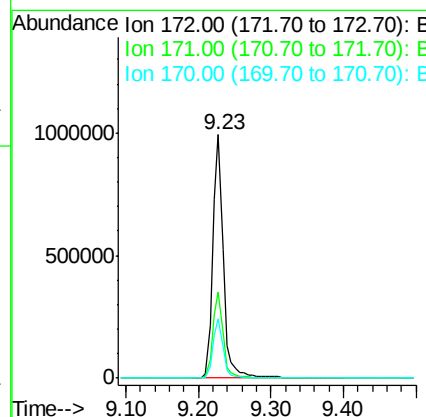
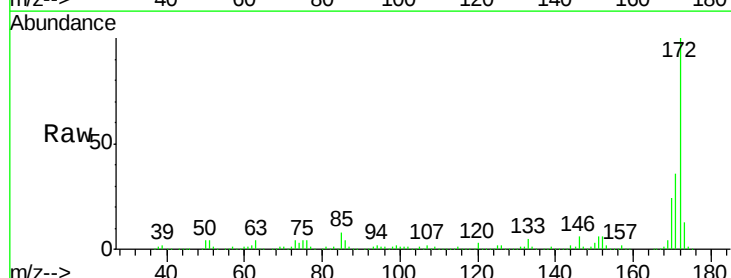
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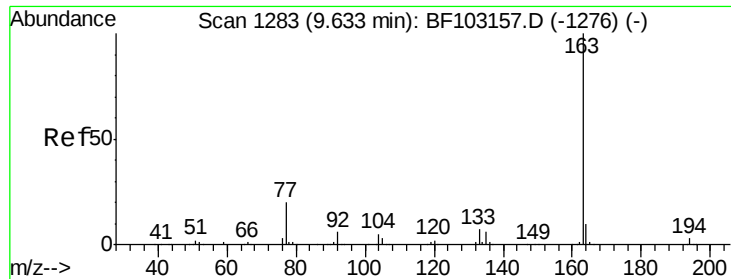
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#44
 2-Fluorobiphenyl
 Concen: 55.202 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.00 min
 Lab File: BF103465.D
 Acq: 6 Mar 2018 19:43

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.7	44.5
170	24.3	19.6	29.4





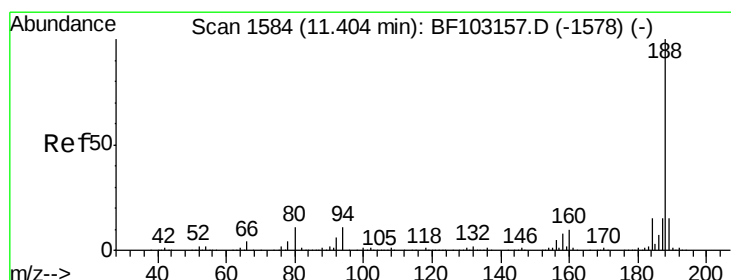
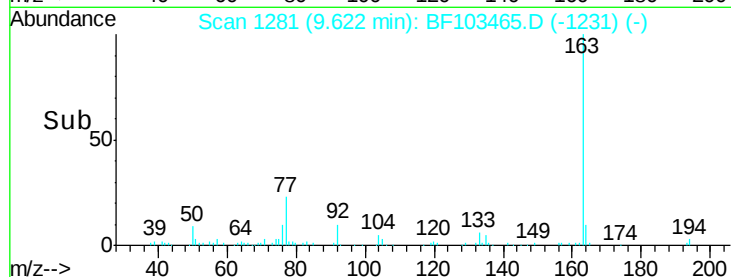
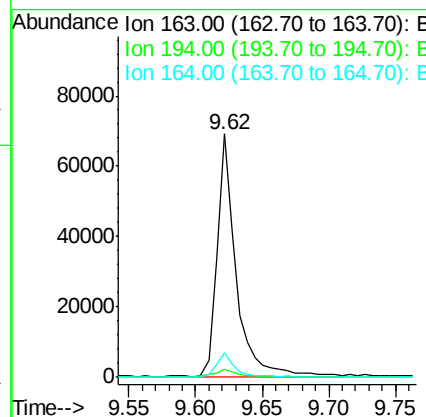
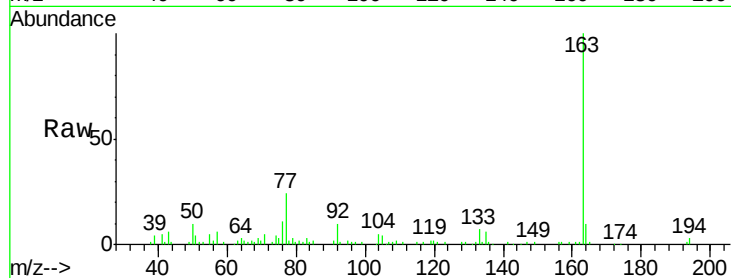
#49
Dimethylphthalate
Concen: 3.064 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF103465.D
Acq: 6 Mar 2018 19:43

Instrument :
BNA_F
ClientSampleId :
SP-21

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.7	4.1
164	10.3	8.2	12.2

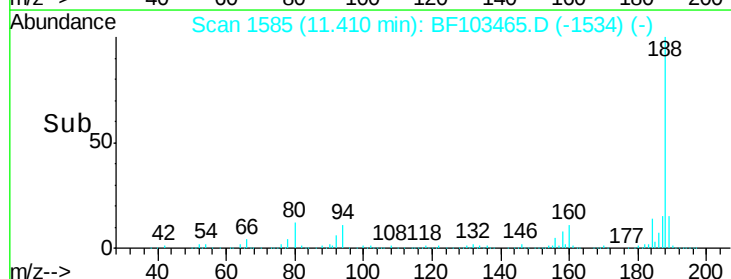
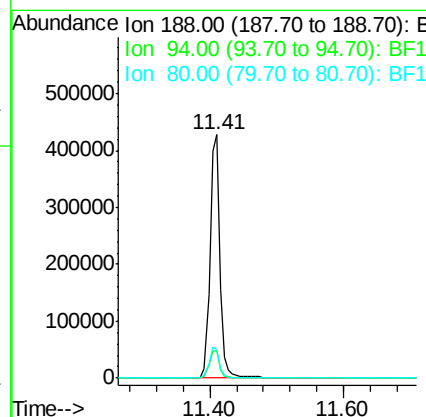
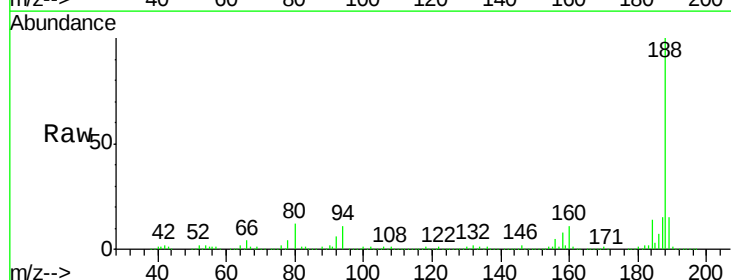
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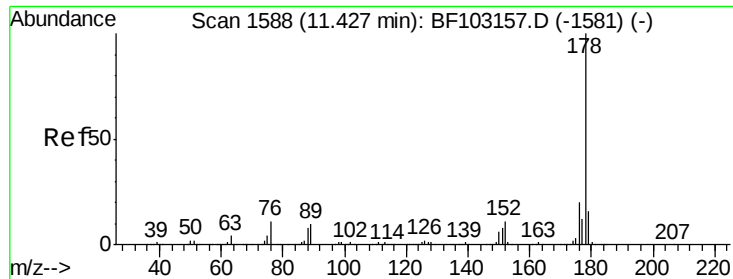
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.00 min
Lab File: BF103465.D
Acq: 6 Mar 2018 19:43

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.0	8.5	12.7
80	11.9	9.2	13.8





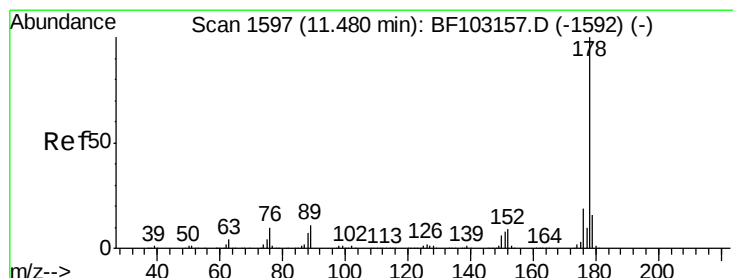
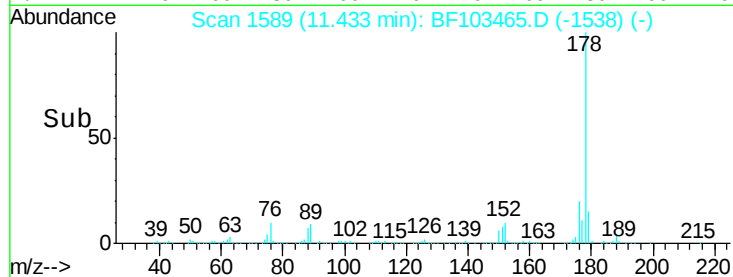
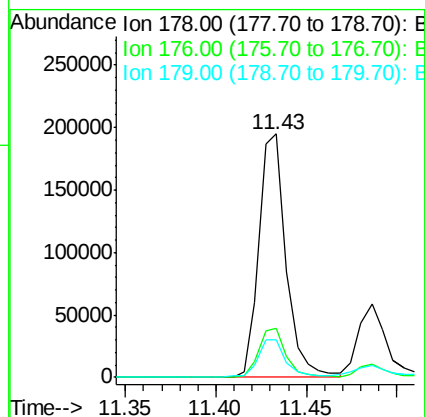
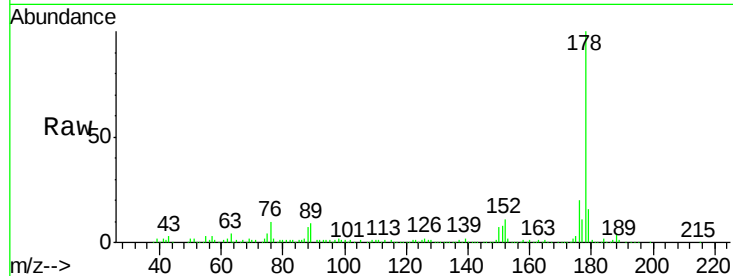
#70
Phenanthrene
Concen: 8.524 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.00 min
Lab File: BF103465.D
Acq: 6 Mar 2018 19:43

Instrument :
BNA_F
ClientSampled :
SP-21

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.8	23.8
179	15.6	13.0	19.6

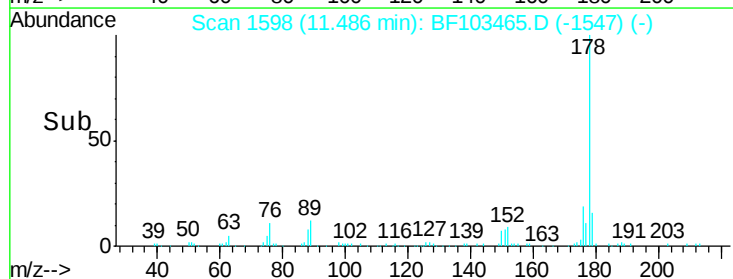
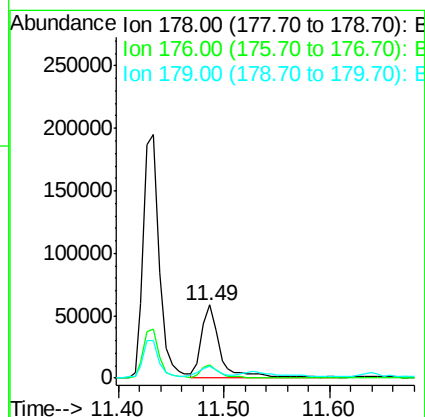
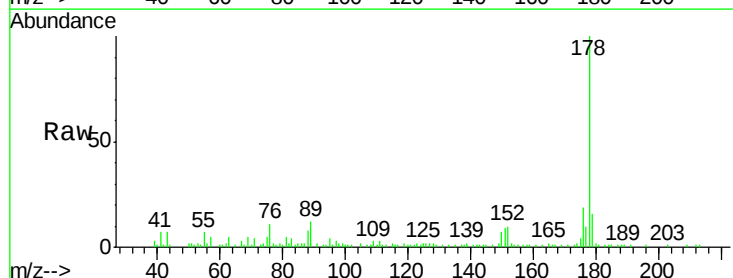
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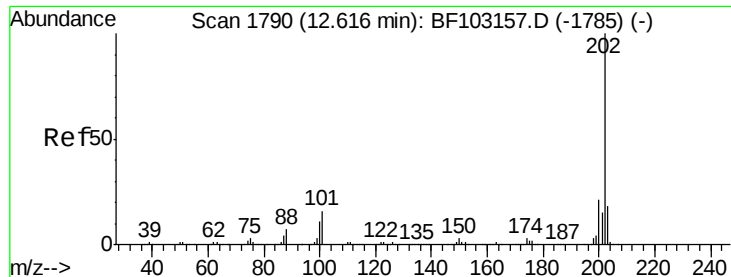
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#71
Anthracene
Concen: 2.830 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.00 min
Lab File: BF103465.D
Acq: 6 Mar 2018 19:43

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.4	23.2
179	16.2	12.6	19.0





#74

Fluoranthene

Concen: 17.661 ng

RT: 12.63 min Scan# 1792

Delta R.T. -0.01 min

Lab File: BF103465.D

Acq: 6 Mar 2018 19:43

Instrument :

BNA_F

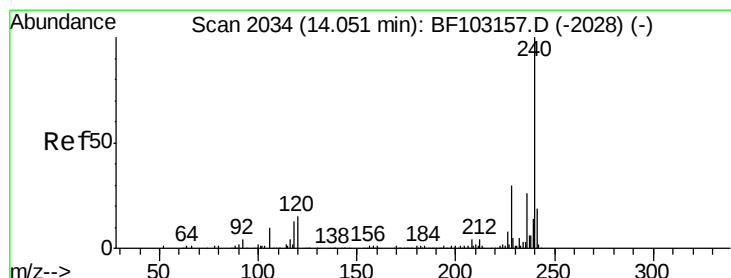
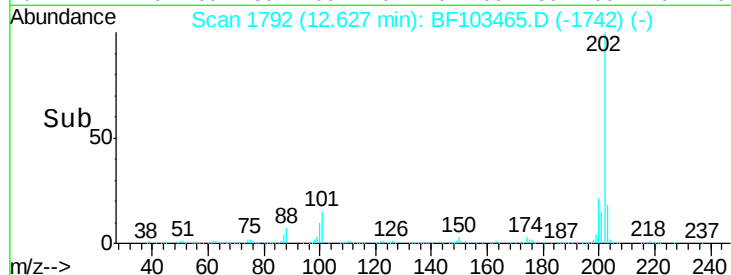
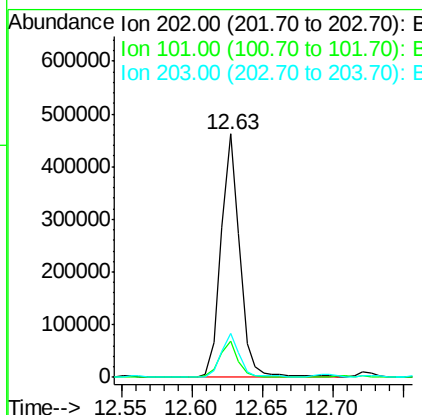
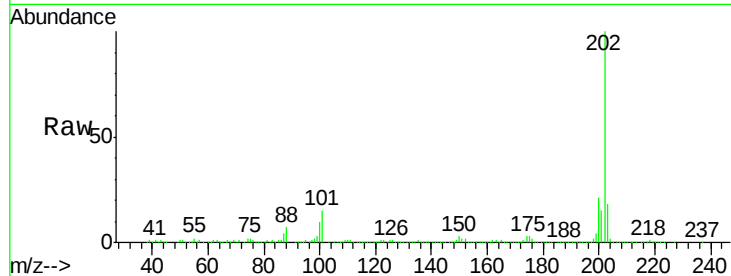
ClientSampled :

SP-21

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		426516		
101	14.7	0.0	34.1		
203	18.2	0.0	38.1		

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#75

Chrysene-d12

Concen: 20.000 ng

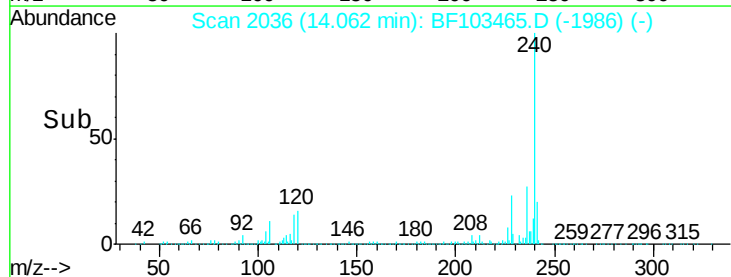
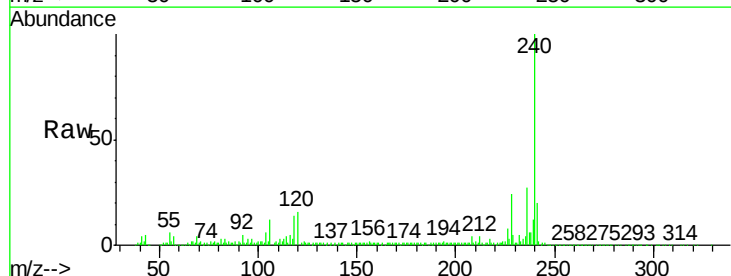
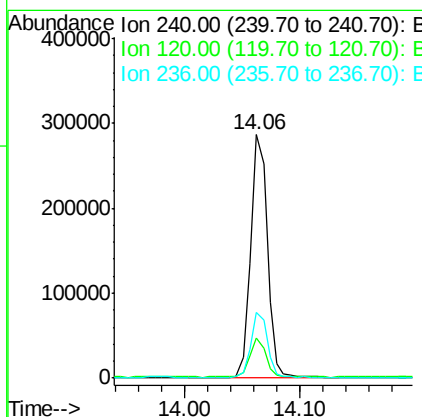
RT: 14.06 min Scan# 2036

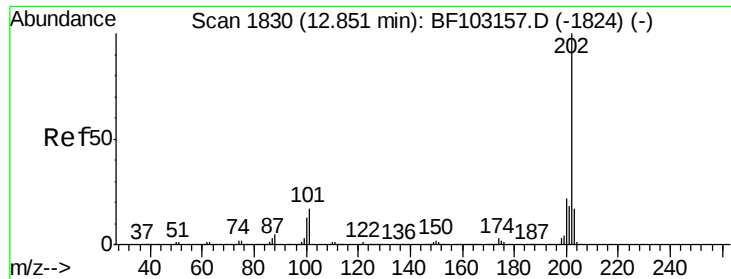
Delta R.T. -0.01 min

Lab File: BF103465.D

Acq: 6 Mar 2018 19:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		289227		
120	16.2	9.5	14.3#		
236	27.2	20.7	31.1		





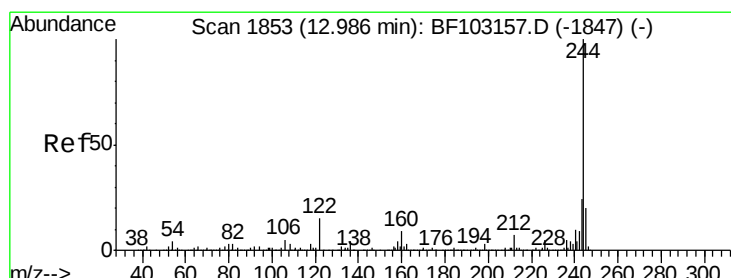
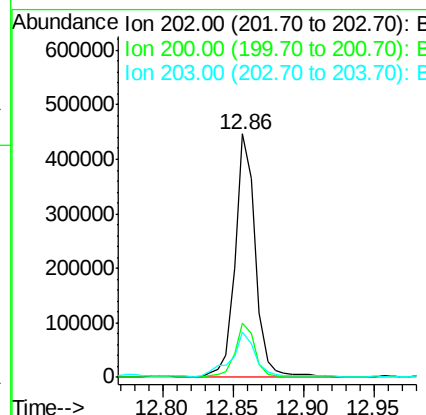
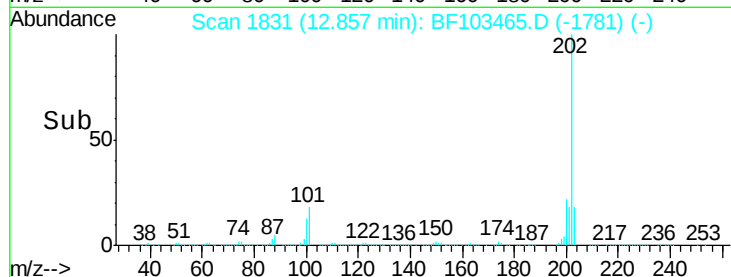
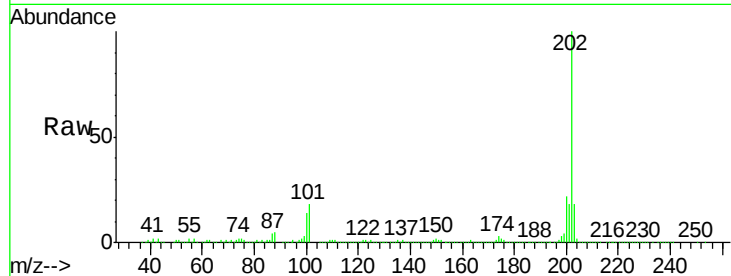
#77
Pvrene
Concen: 19.581 ng
RT: 12.86 min Scan# 1831
Delta R.T. -0.01 min
Lab File: BF103465.D
Acq: 6 Mar 2018 19:43

Instrument :
BNA_F
ClientSampled :
SP-21

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.1	17.4	26.2
203	18.3	14.3	21.5

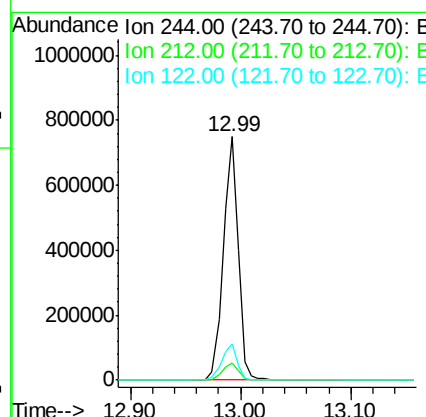
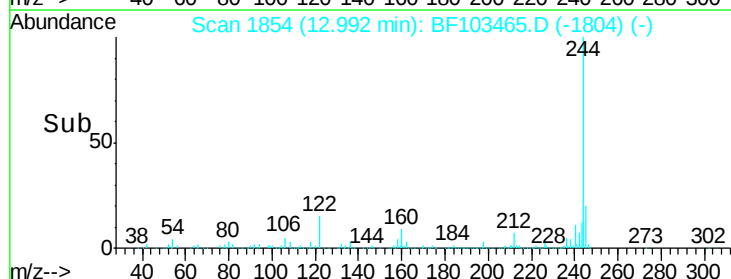
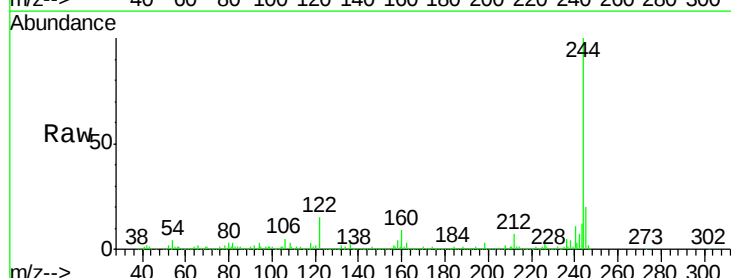
Manual Integrations
APPROVED

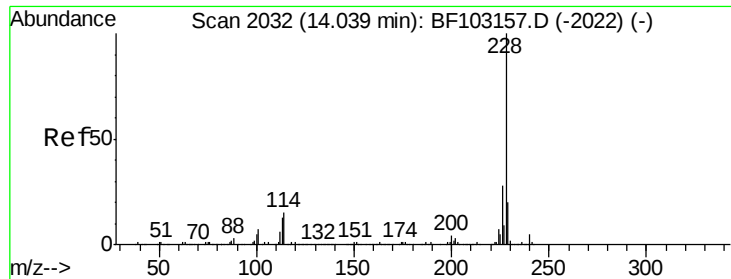
Sohil
3/7/2018 12:17:19 PM



#78
Terphenyl-d14
Concen: 58.282 ng
RT: 12.99 min Scan# 1854
Delta R.T. -0.01 min
Lab File: BF103465.D
Acq: 6 Mar 2018 19:43

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	14.7	11.0	16.4





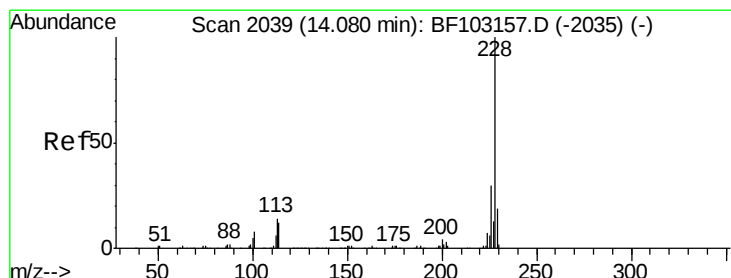
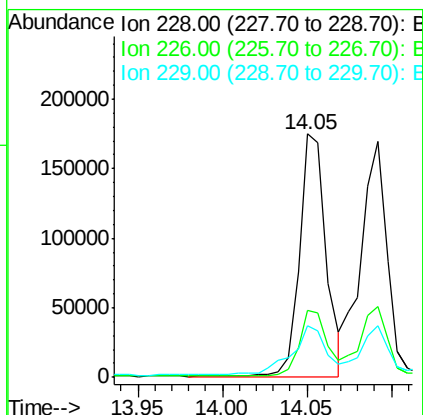
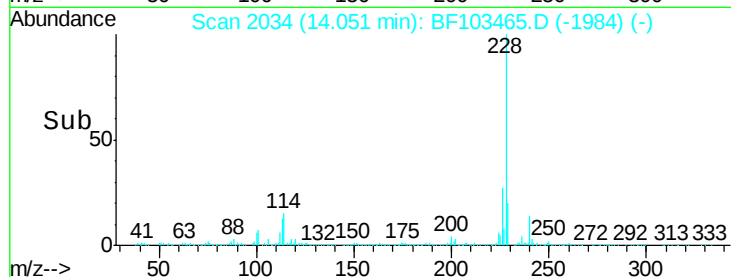
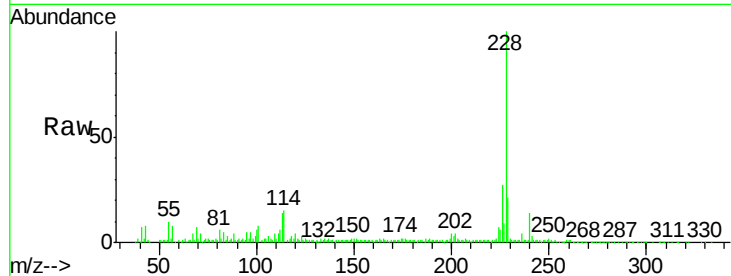
#80
Benzo(a)anthracene
Concen: 10.130 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BF103465.D
Acq: 6 Mar 2018 19:43

Instrument :
BNA_F
ClientSampleId :
SP-21

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.6	33.8
229	21.0	15.8	23.6

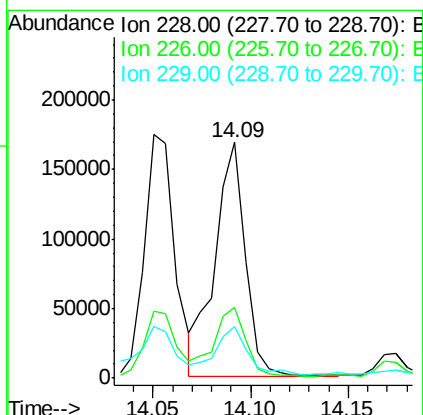
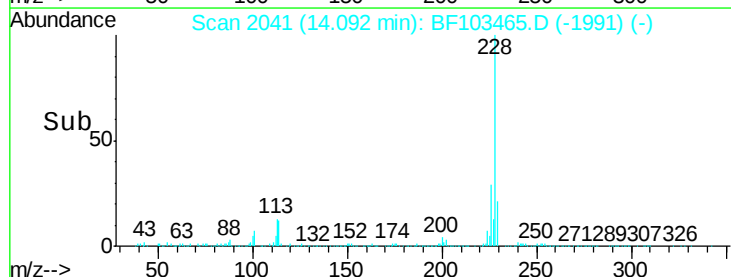
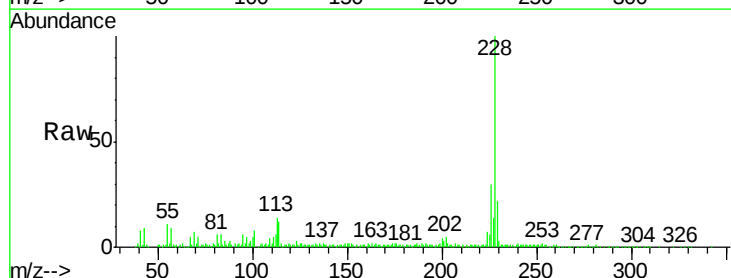
Manual Integrations
APPROVED

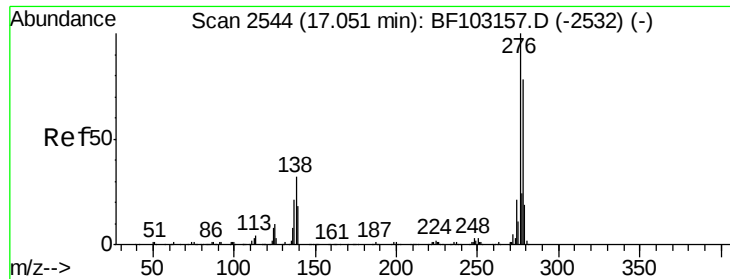
Sohil
3/7/2018 12:17:19 PM



#82
Chrysene
Concen: 10.071 ng
RT: 14.09 min Scan# 2041
Delta R.T. -0.01 min
Lab File: BF103465.D
Acq: 6 Mar 2018 19:43

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.9	25.0	37.6
229	22.1	16.2	24.4





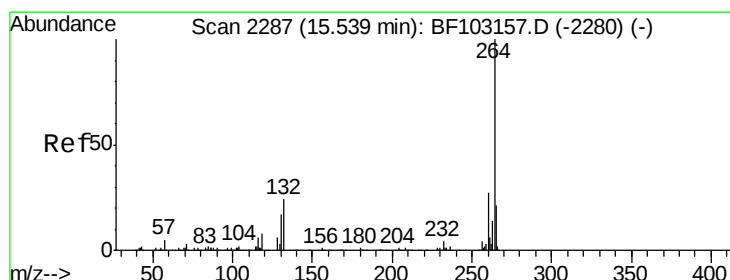
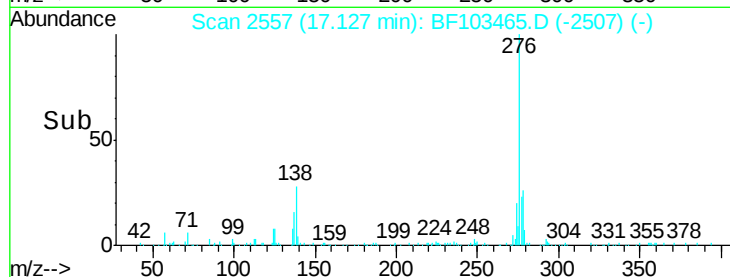
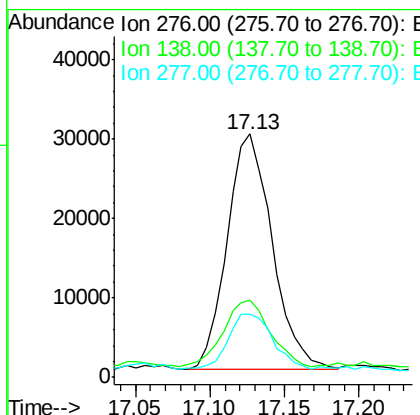
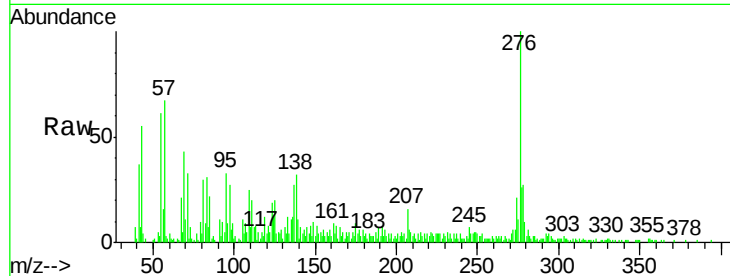
#85
Indeno(1,2,3-cd)pyrene
Concen: 4.318 ng
RT: 17.13 min Scan# 2557
Delta R.T. -0.01 min
Lab File: BF103465.D
Acq: 6 Mar 2018 19:43

Instrument :
BNA_F
ClientSampleId :
SP-21

Tot Ion	Ratio	Lower	Upper
276	100		
138	29.4	25.0	37.6
277	23.3	20.1	30.1

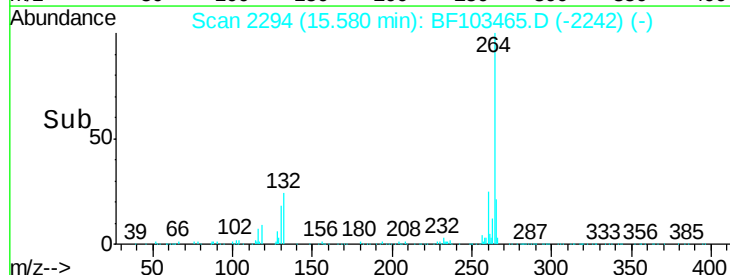
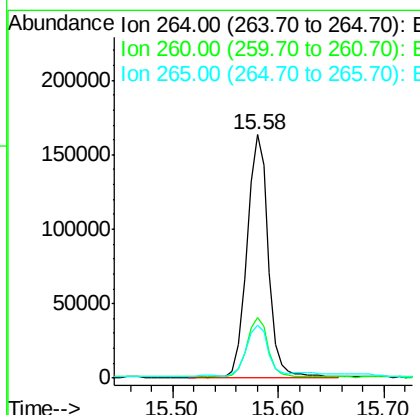
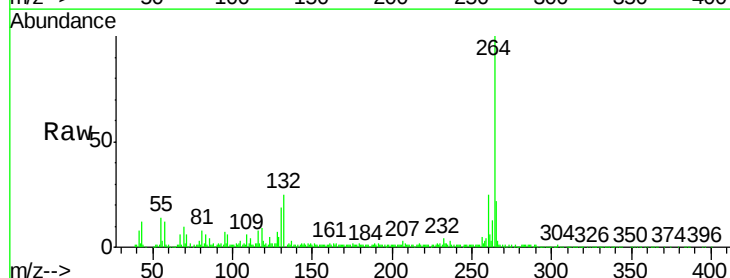
Manual Integrations
APPROVED

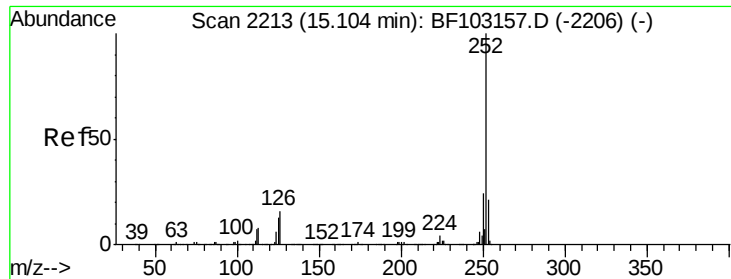
Sohil
3/7/2018 12:17:19 PM



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.58 min Scan# 2294
Delta R.T. 0.01 min
Lab File: BF103465.D
Acq: 6 Mar 2018 19:43

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.2	28.8
265	21.6	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 11.448 ng m

RT: 15.13 min Scan# 2218

Delta R.T. -0.00 min

Lab File: BF103465.D

Acq: 6 Mar 2018 19:43

Instrument :

BNA_F

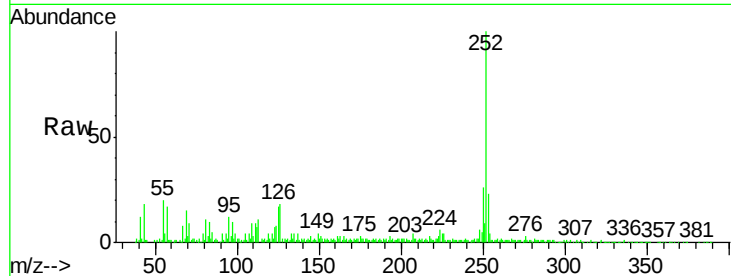
ClientSampleId :

SP-21

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.0	25.6
125	17.4	9.0	13.6

Manual Integrations
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Sohil
3/7/2018 12:17:19 PM

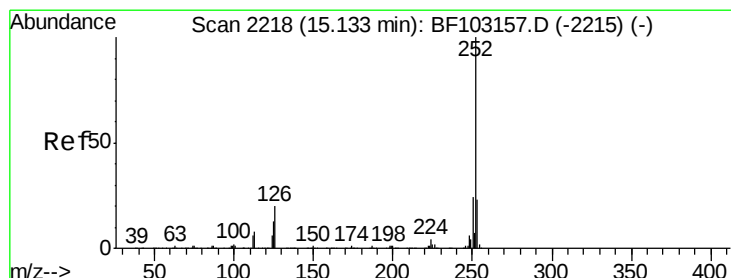
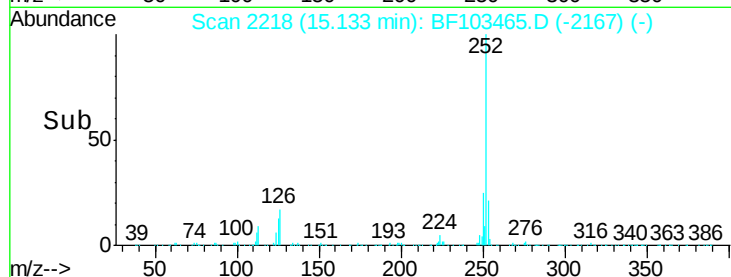
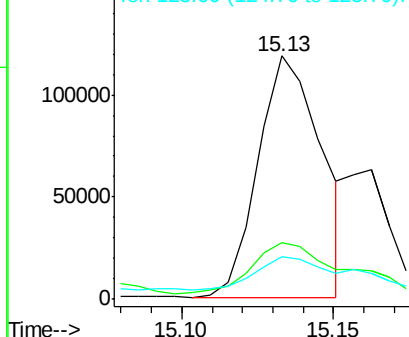


Abundance

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: 4.458 ng m

RT: 15.16 min Scan# 2223

Delta R.T. -0.00 min

Lab File: BF103465.D

Acq: 6 Mar 2018 19:43

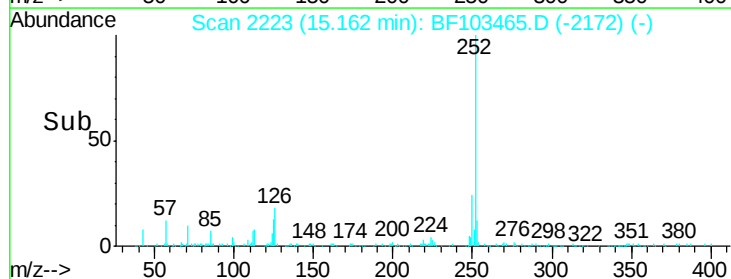
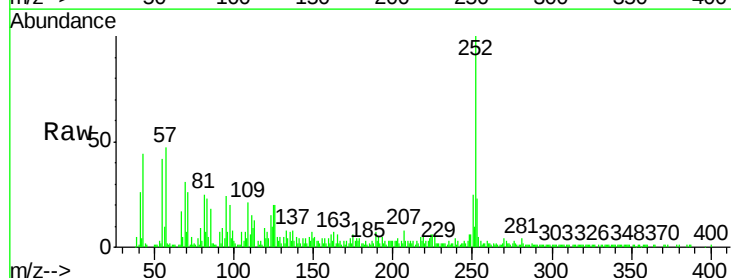
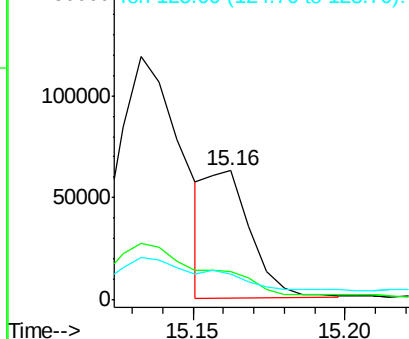
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.9	26.9
125	19.6	10.2	15.2

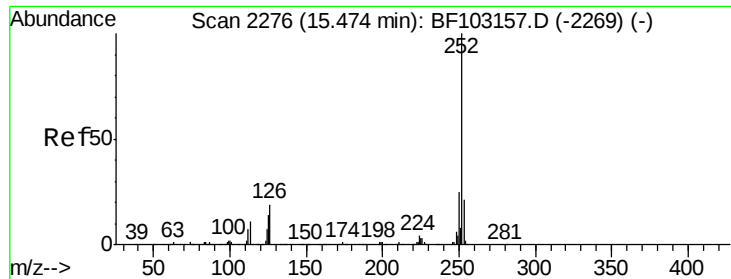
Abundance

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





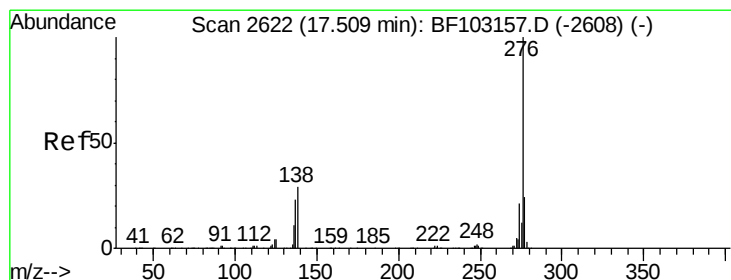
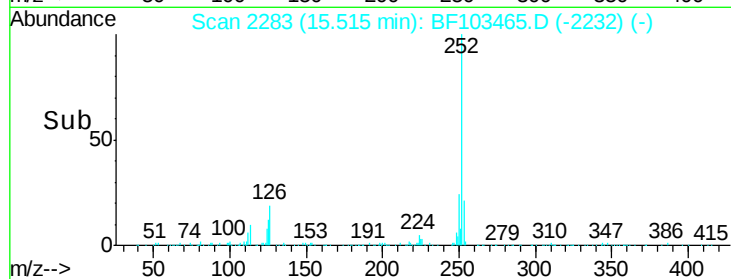
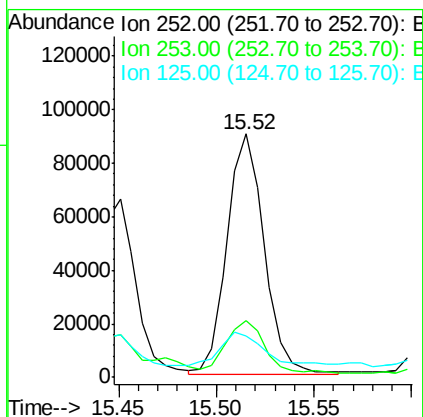
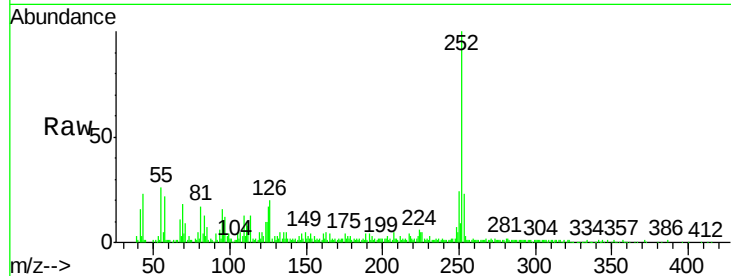
#89
Benzo(a)pyrene
Concen: 8.886 ng
RT: 15.52 min Scan# 2283
Delta R.T. -0.00 min
Lab File: BF103465.D
Acq: 6 Mar 2018 19:43

Instrument :
BNA_F
ClientSampleId :
SP-21

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.1	25.7
125	17.1	9.8	14.6

Manual Integrations
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Sohil
3/7/2018 12:17:19 PM



#91
Benzo(g,h,i)perylene
Concen: 6.290 ng
RT: 17.60 min Scan# 2637
Delta R.T. -0.00 min
Lab File: BF103465.D
Acq: 6 Mar 2018 19:43

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.1	17.9	26.9
138	31.4	21.8	32.8

