

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030118\
 Data File : BF103335.D
 Acq On : 1 Mar 2018 14:35
 Operator : SJ/JU
 Sample : J1721-07
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-41

Manual Integrations
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Quant Time: Mar 02 09:41:01 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 27 17:05:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	150697	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	560782	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	199399	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	305096	20.00	ng	0.00
75) Chrysene-d12	14.06	240	250944	20.00	ng	0.00
86) Perylene-d12	15.57	264	168980	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	855879	85.90	ng	0.01
7) Phenol-d6	6.51	99	992179	81.38	ng	0.00
23) Nitrobenzene-d5	7.44	82	653710	66.57	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	115288	68.31	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	821391	67.53	ng	0.00
78) Terphenyl-d14	12.99	244	592277	56.74	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.63	163	77307	4.833	ng	98
70) Phenanthrene	11.43	178	141442	8.424	ng	98
71) Anthracene	11.49	178	49740	2.889	ng	99
74) Fluoranthene	12.63	202	311433	18.458	ng	98
77) Pyrene	12.86	202	313006	15.998	ng	99
80) Benzo(a)anthracene	14.05	228	159516	9.797	ng	96
82) Chrysene	14.09	228	138890	8.785	ng	98
85) Indeno(1,2,3-cd)pyrene	17.10	276	48131	3.846	ng	96
87) Benzo(b)fluoranthene	15.13	252	141617m	12.746	ng	
88) Benzo(k)fluoranthene	15.16	252	49272m	4.710	ng	
89) Benzo(a)pyrene	15.51	252	92927	9.366	ng	# 86
91) Benzo(a,h,i)perylene	17.57	276	50299	6.713	ng	92

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

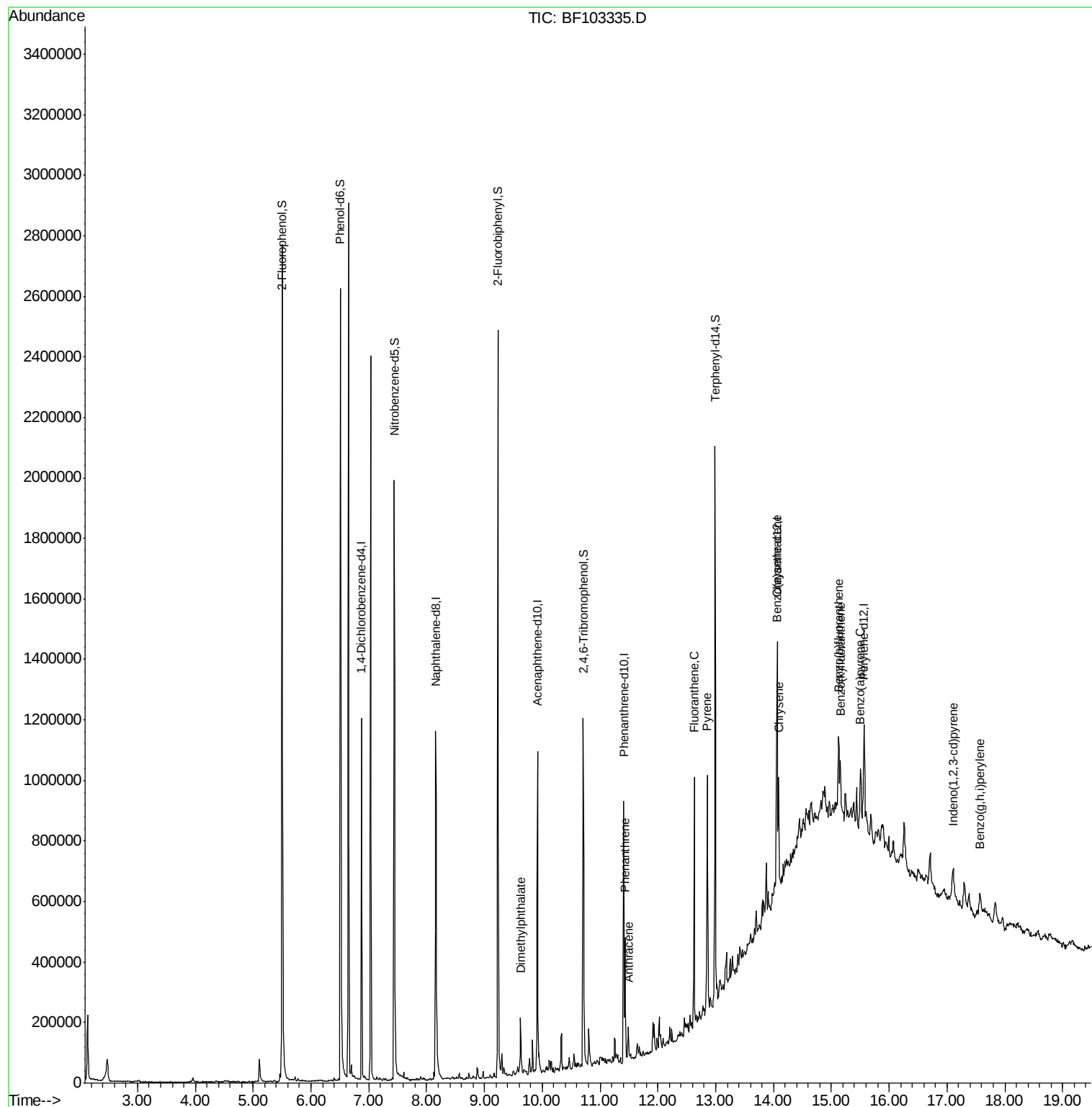
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030118\
Data File : BF103335.D
Acq On : 1 Mar 2018 14:35
Operator : SJ/JU
Sample : J1721-07
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ALS Vial : 13 Sample Multiplier: 1

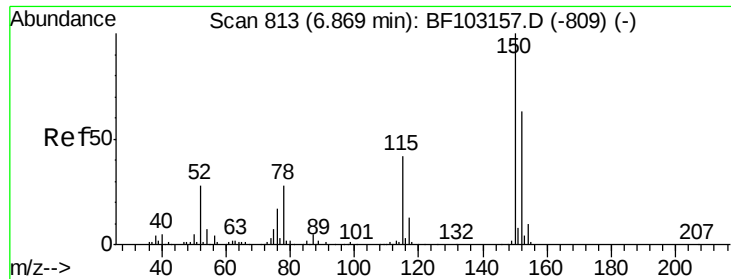
Instrument :
BNA_F
ClientSampleId :
SP-41

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Quant Time: Mar 02 09:41:01 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
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#1

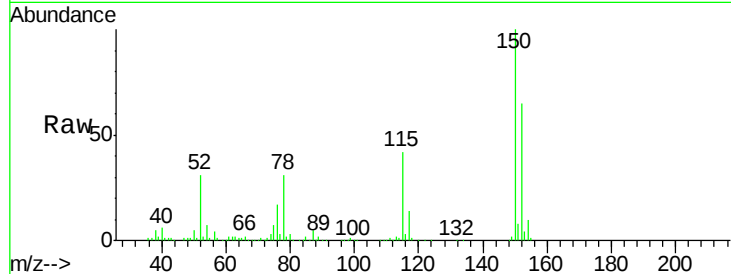
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.00 min
Lab File: BF103335.D
Acq: 1 Mar 2018 14:35

Instrument :
BNA_F
ClientSampled :
SP-41

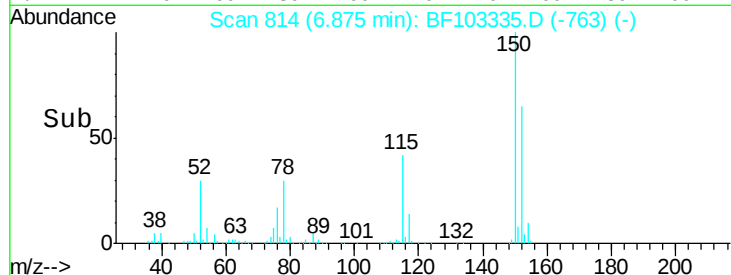
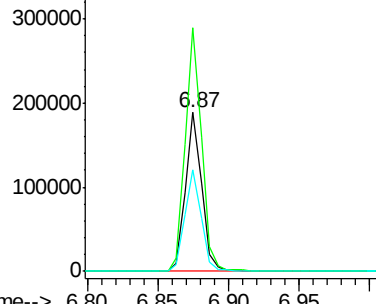
Tot Ion	Ratio	Resp	Lower	Upper
152	100	150697		
150	153.5	124.6	186.8	
115	64.3	50.1	75.1	

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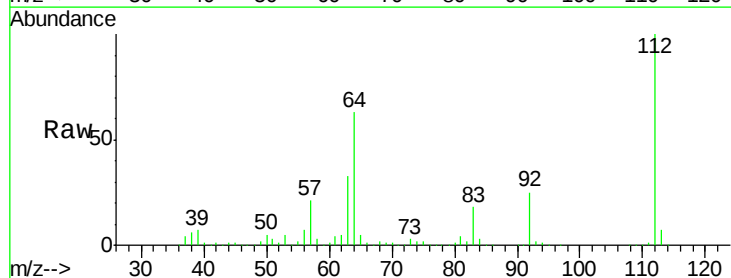
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



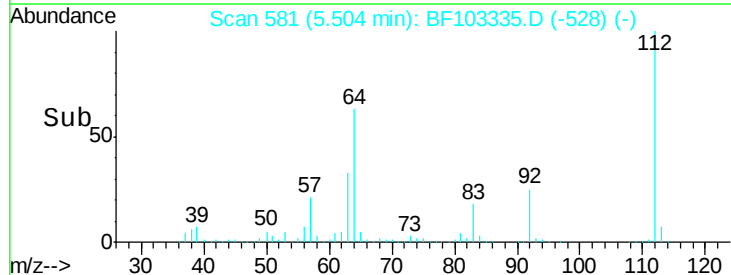
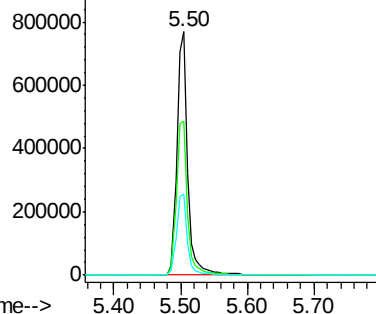
#5

2-Fluorophenol
Concen: 85.898 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.01 min
Lab File: BF103335.D
Acq: 1 Mar 2018 14:35

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	855879		
64	63.0	47.9	71.9	
63	33.3	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: 81.377 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.00 min

Lab File: BF103335.D

Acq: 1 Mar 2018 14:35

Instrument :

BNA_F

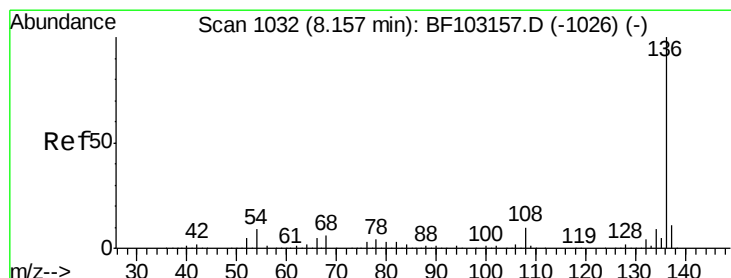
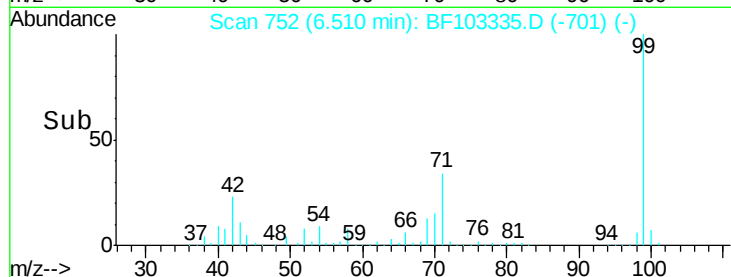
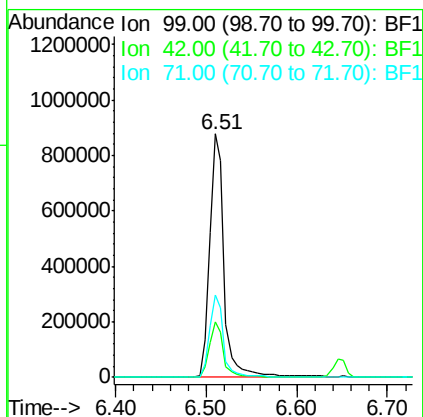
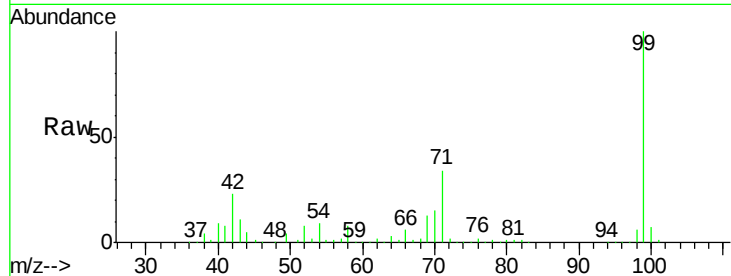
ClientSampled :

SP-41

Tot Ion:	99	Resp:	992179
Ion Ratio	Lower	Upper	
99	100		
42	22.8	14.5	21.7#
71	33.9	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

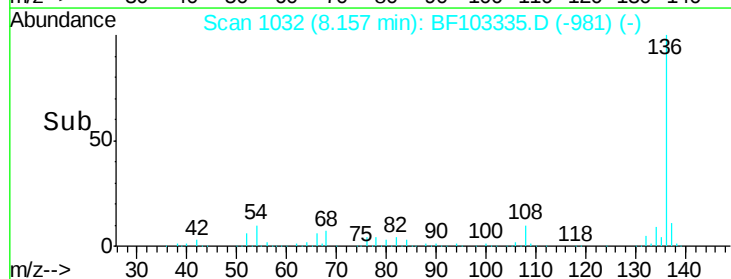
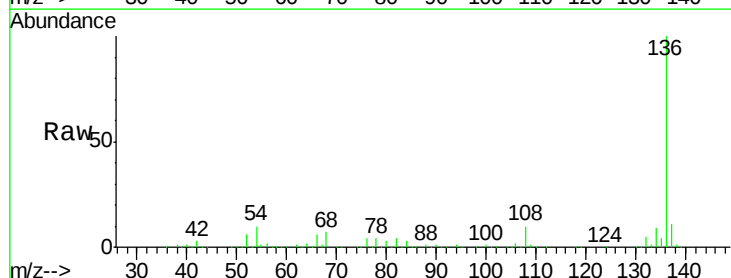
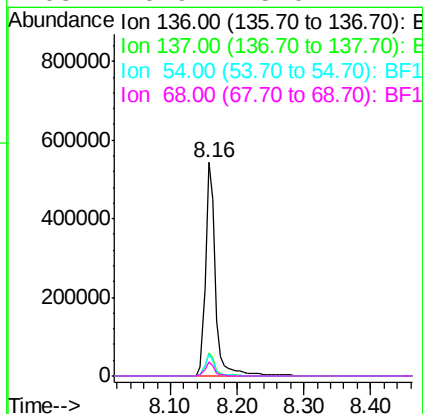
RT: 8.16 min Scan# 1032

Delta R.T. -0.00 min

Lab File: BF103335.D

Acq: 1 Mar 2018 14:35

Tgt Ion:	136	Resp:	560782
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.9	13.3
54	10.1	6.6	9.8#
68	6.9	5.0	7.4





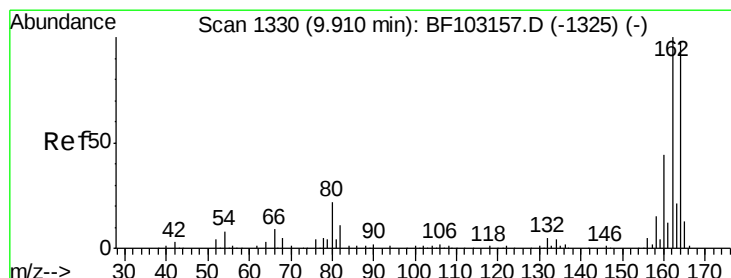
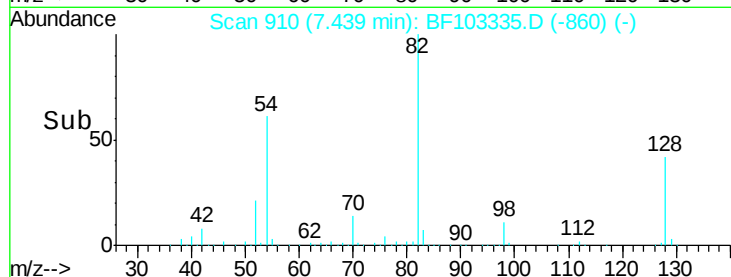
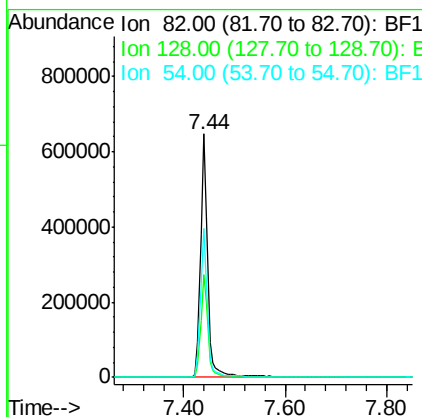
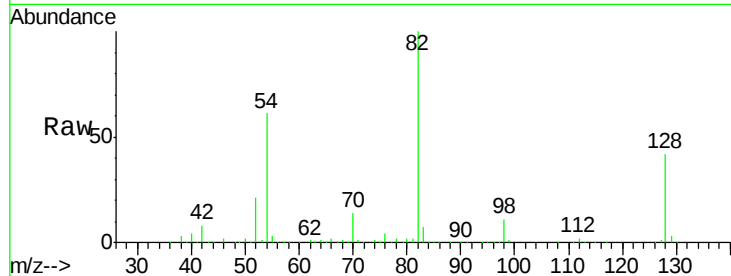
#23
 Nitrobenzene-d5
 Concen: 66.572 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.01 min
 Lab File: BF103335.D
 Acq: 1 Mar 2018 14:35

Instrument :
 BNA_F
 ClientSampled :
 SP-41

Tot Ion	Ratio	Resp	Lower	Upper
82	100	653710		
128	42.0		36.1	54.1
54	61.2		41.4	62.2

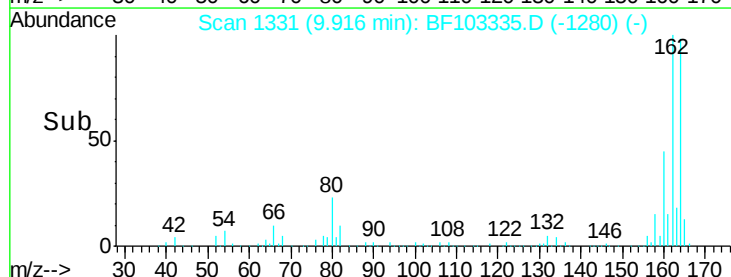
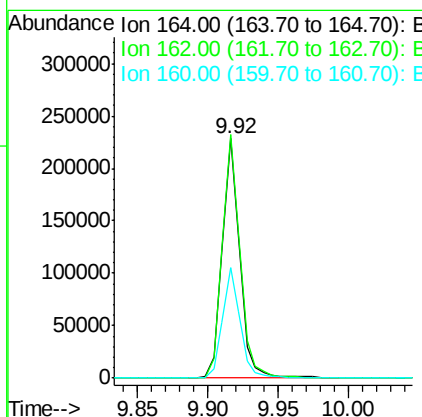
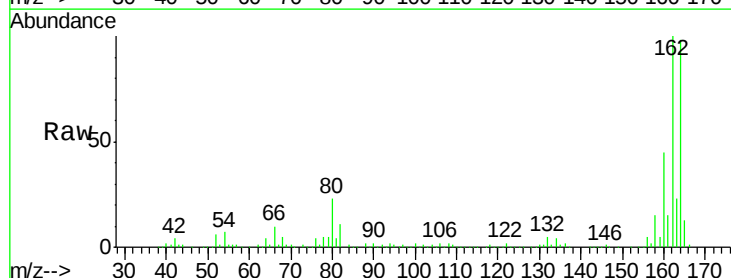
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.00 min
 Lab File: BF103335.D
 Acq: 1 Mar 2018 14:35

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	199399		
162	101.7		86.1	129.1
160	46.1		38.3	57.5





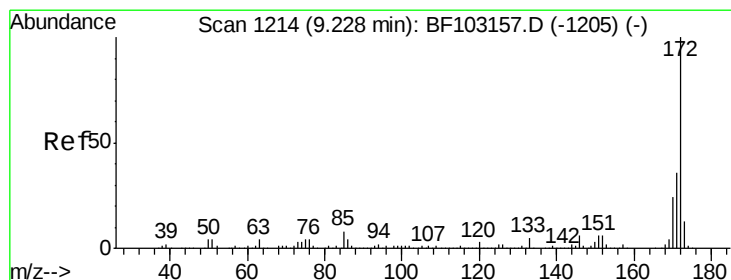
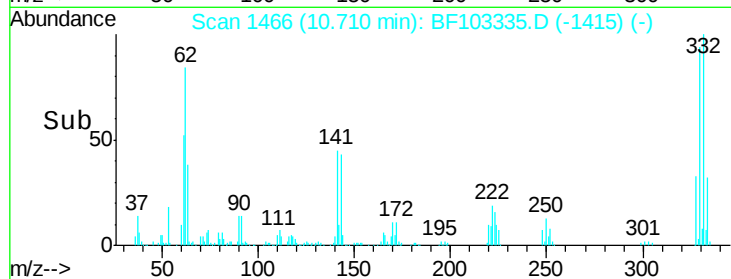
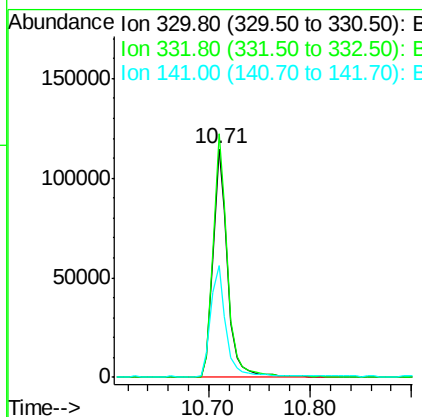
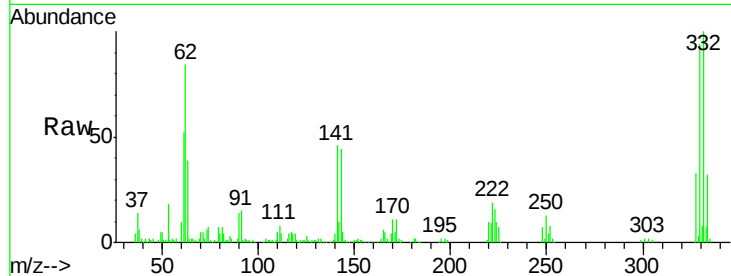
#41
 2,4,6-Tribromophenol
 Concen: 68.307 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.00 min
 Lab File: BF103335.D
 Acq: 1 Mar 2018 14:35

Instrument :
 BNA_F
 ClientSampled :
 SP-41

Tot Ion	Ratio	Lower	Upper
330	100		
332	105.7	77.0	115.6
141	49.6	29.9	44.9

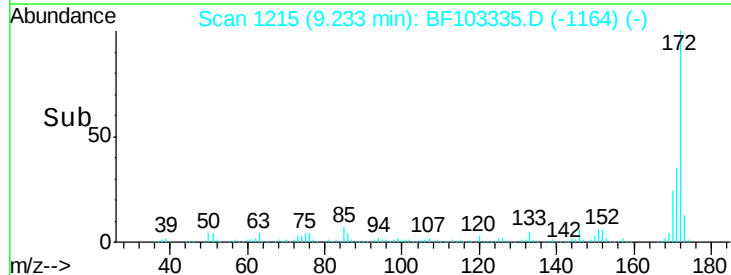
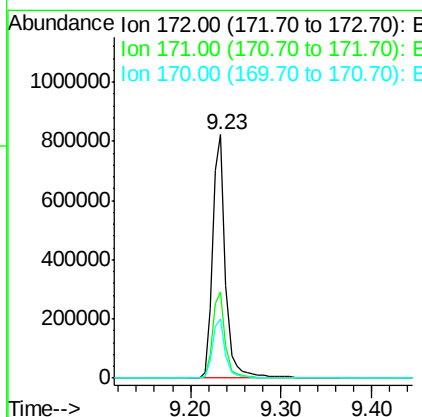
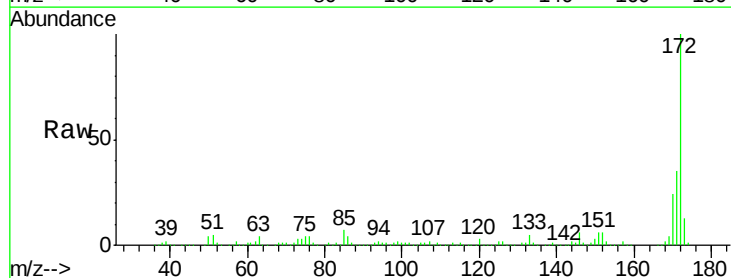
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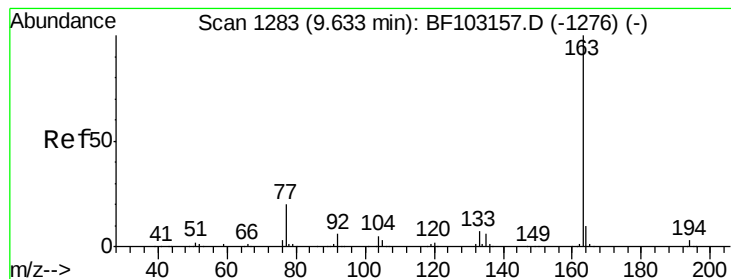
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#44
 2-Fluorobiphenyl
 Concen: 67.525 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.00 min
 Lab File: BF103335.D
 Acq: 1 Mar 2018 14:35

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.7	44.5
170	24.4	19.6	29.4





#49

Dimethylphthalate

Concen: 4.833 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.01 min

Lab File: BF103335.D

Acq: 1 Mar 2018 14:35

Instrument :

BNA_F

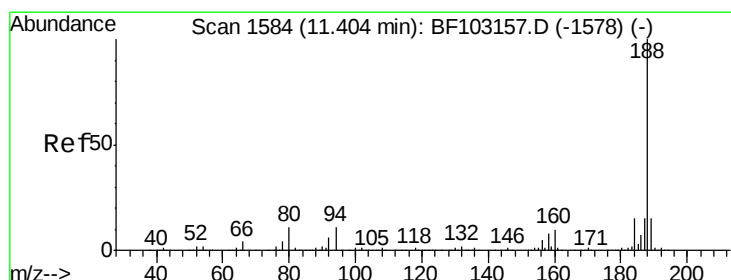
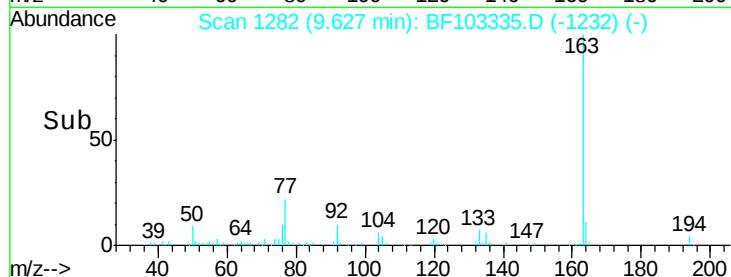
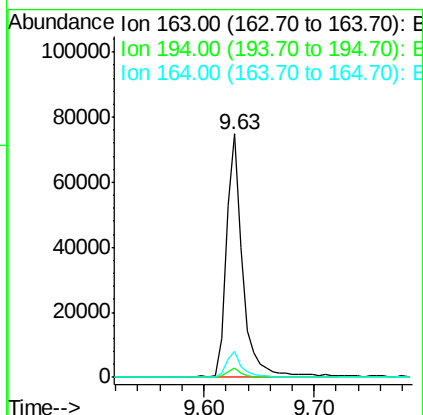
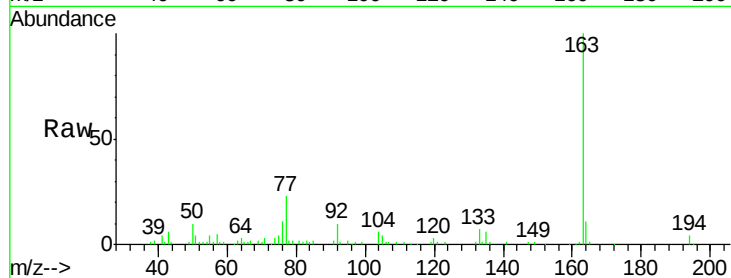
ClientSampled :

SP-41

Tot Ion:	163	Resp:	77307
Ion Ratio	Lower	Upper	
163	100		
194	3.6	2.7	4.1
164	10.9	8.2	12.2

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#63

Phenanthrene-d10

Concen: 20.000 ng

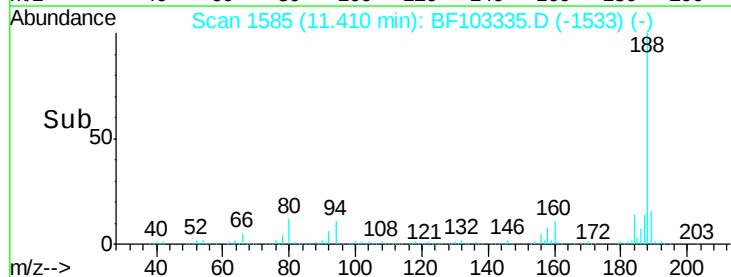
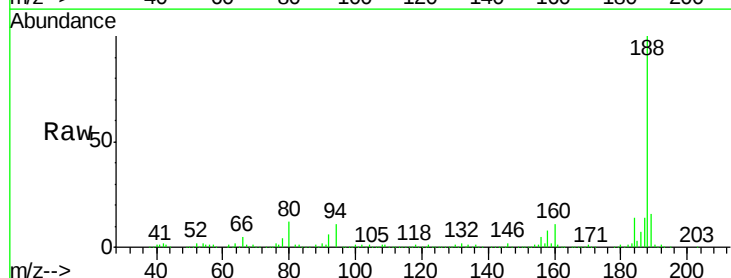
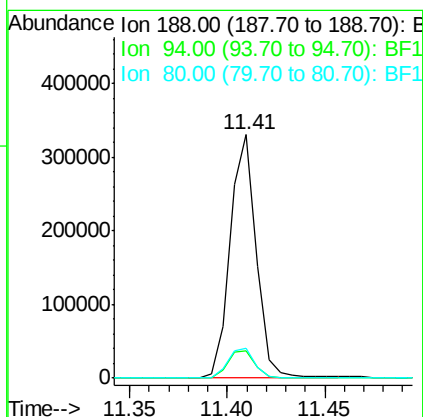
RT: 11.41 min Scan# 1585

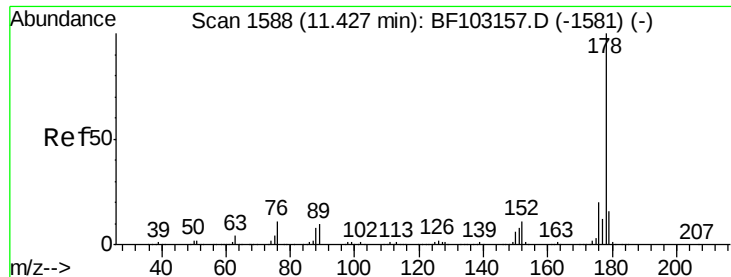
Delta R.T. 0.01 min

Lab File: BF103335.D

Acq: 1 Mar 2018 14:35

Tgt Ion:	188	Resp:	305096
Ion Ratio	Lower	Upper	
188	100		
94	11.2	8.5	12.7
80	12.0	9.2	13.8





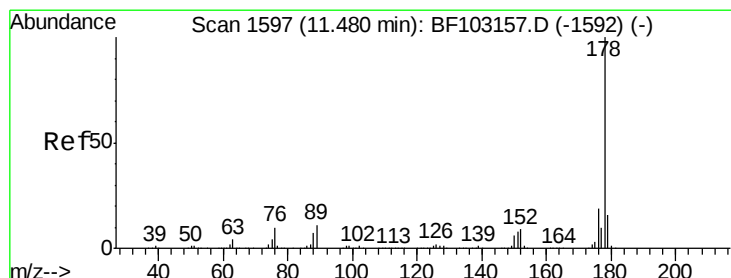
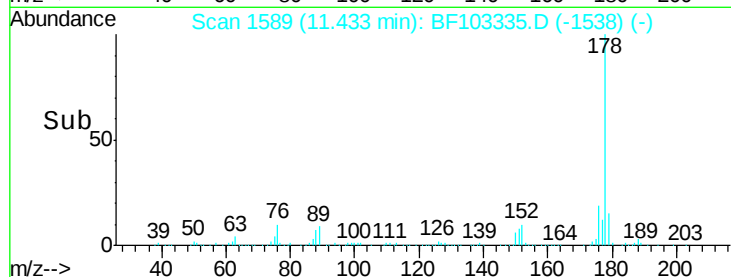
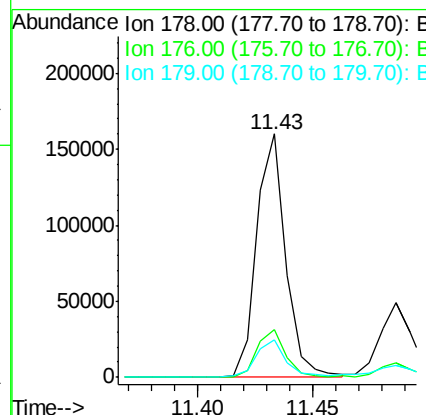
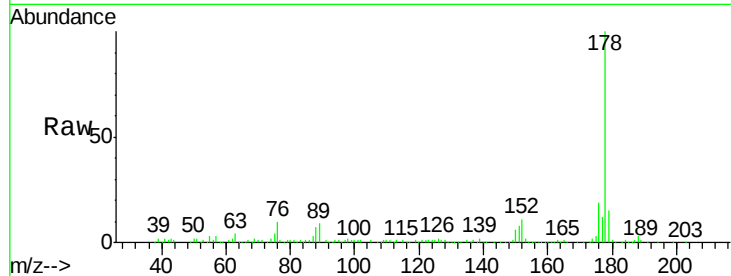
#70
Phenanthrene
Concen: 8.424 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.00 min
Lab File: BF103335.D
Acq: 1 Mar 2018 14:35

Instrument :
BNA_F
ClientSampled :
SP-41

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.8	23.8
179	15.2	13.0	19.6

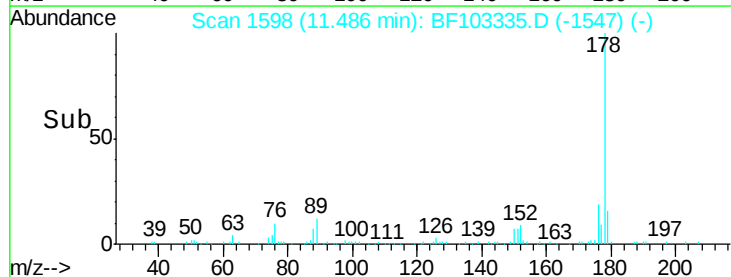
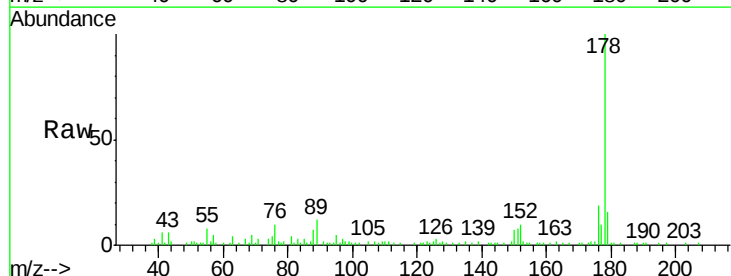
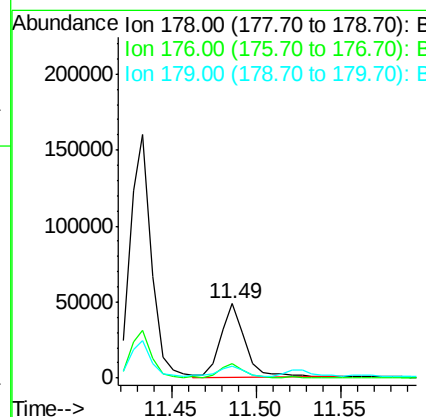
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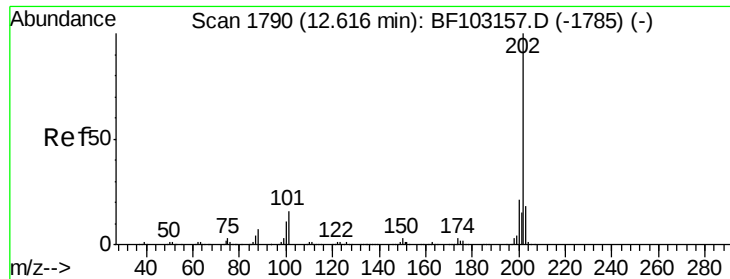
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#71
Anthracene
Concen: 2.889 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.00 min
Lab File: BF103335.D
Acq: 1 Mar 2018 14:35

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.4	23.2
179	16.1	12.6	19.0





#74

Fluoranthene

Concen: 18.458 ng

RT: 12.63 min Scan# 1792

Delta R.T. 0.01 min

Lab File: BF103335.D

Acq: 1 Mar 2018 14:35

Instrument :

BNA_F

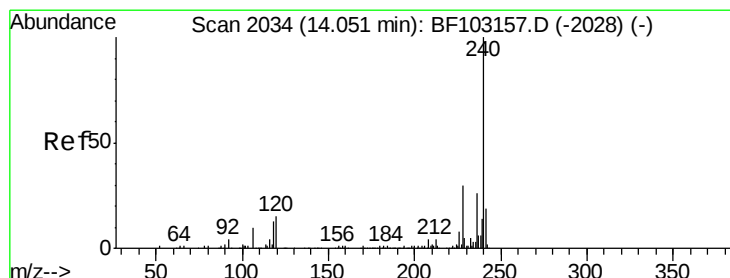
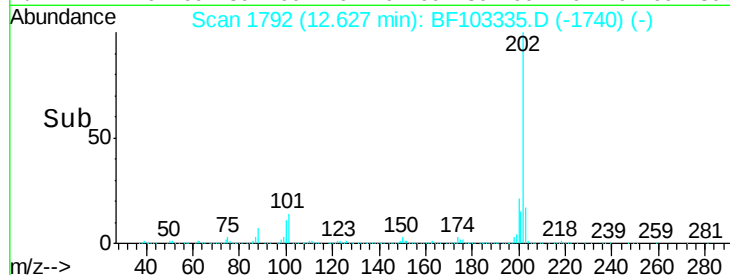
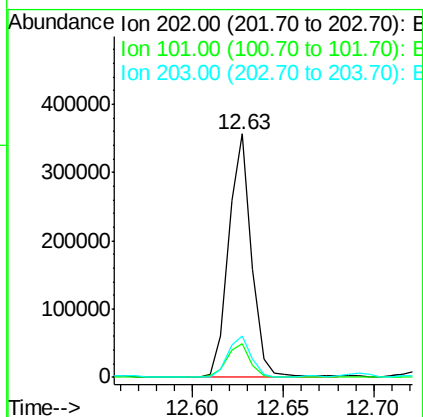
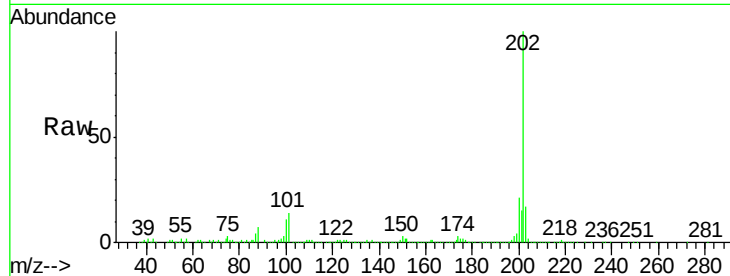
ClientSampleId :

SP-41

Tot Ion:	202	Resp:	311433
Ion Ratio	Lower	Upper	
202	100		
101	13.7	0.0	34.1
203	16.9	0.0	38.1

Manual Integrations
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#75

Chrysene-d12

Concen: 20.000 ng

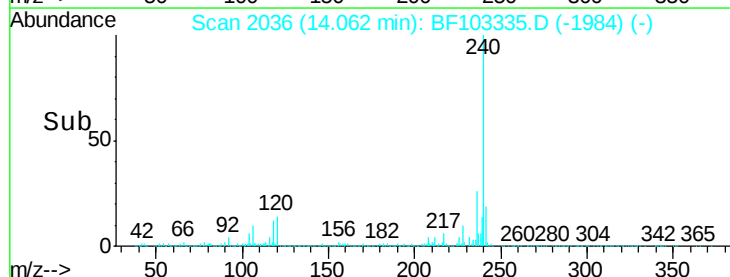
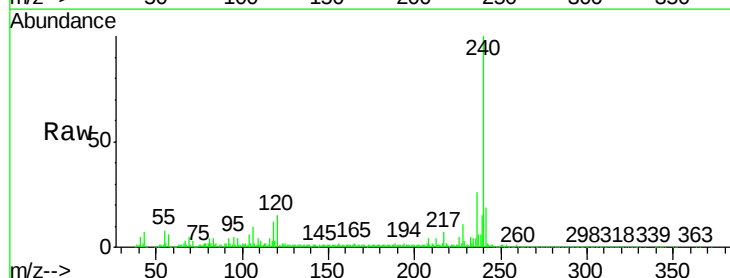
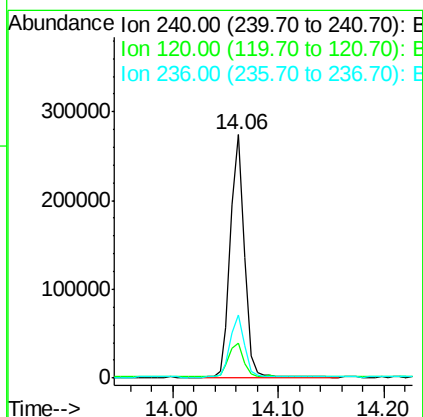
RT: 14.06 min Scan# 2036

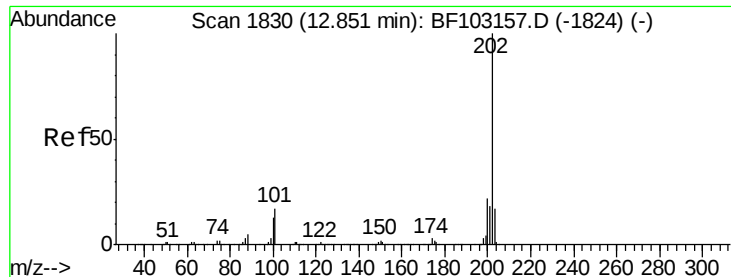
Delta R.T. 0.01 min

Lab File: BF103335.D

Acq: 1 Mar 2018 14:35

Tgt Ion:	240	Resp:	250944
Ion Ratio	Lower	Upper	
240	100		
120	14.5	9.5	14.3#
236	26.1	20.7	31.1





#77

Pvrene

Concen: 15.998 ng

RT: 12.86 min Scan# 1831

Delta R.T. -0.00 min

Lab File: BF103335.D

Acq: 1 Mar 2018 14:35

Instrument :

BNA_F

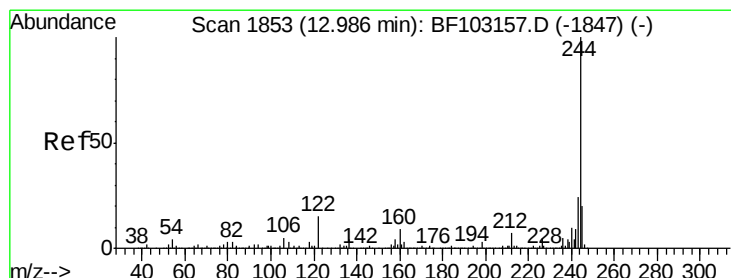
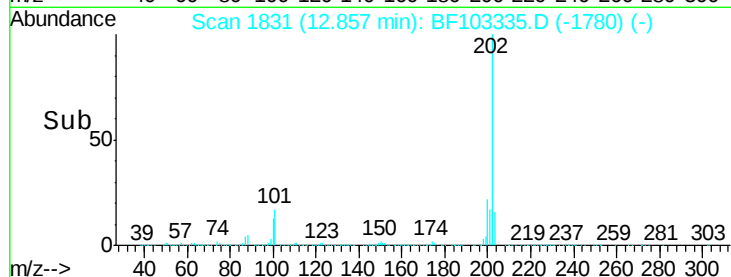
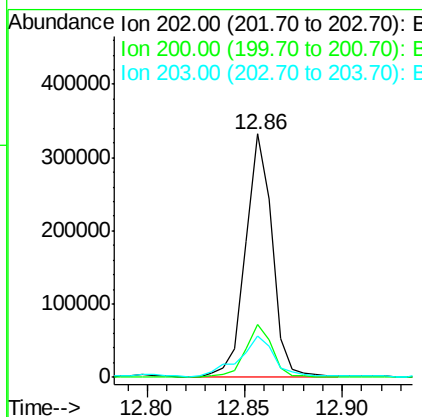
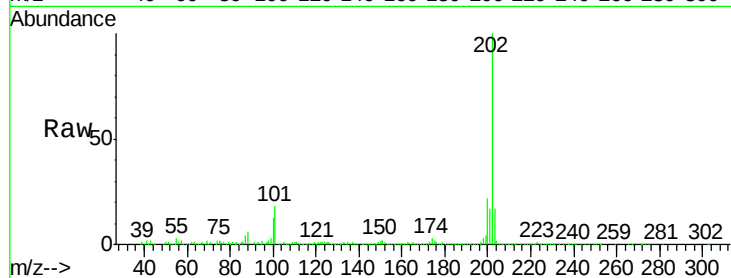
ClientSampled :

SP-41

Tot Ion:	202	Resp:	313006
Ion Ratio	Lower	Upper	
202	100		
200	21.8	17.4	26.2
203	17.0	14.3	21.5

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#78

Terphenyl-d14

Concen: 56.736 ng

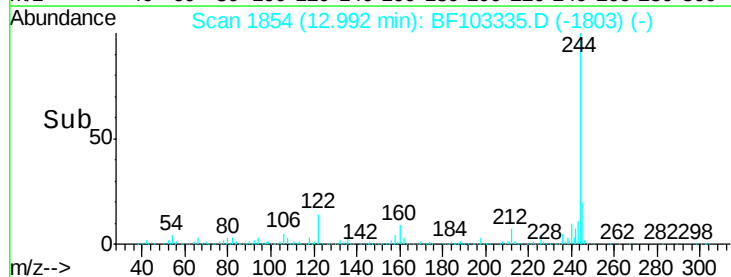
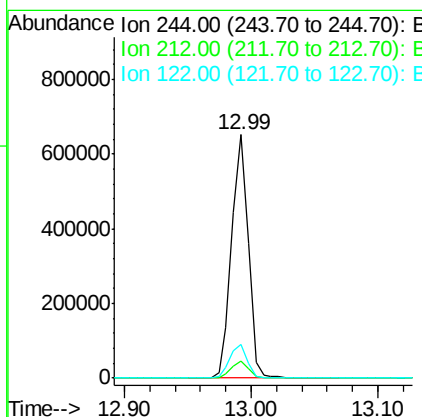
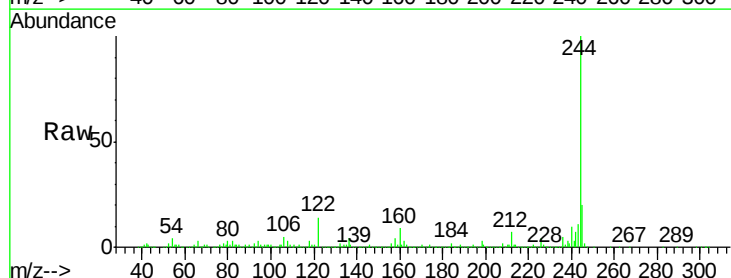
RT: 12.99 min Scan# 1854

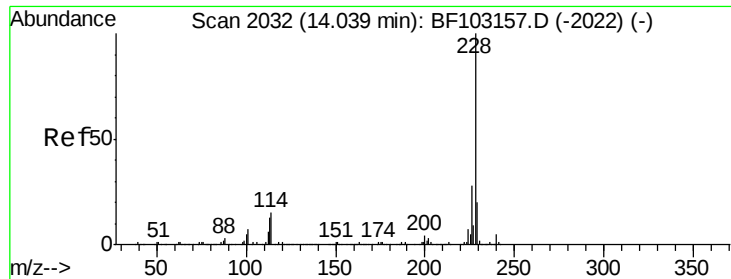
Delta R.T. -0.00 min

Lab File: BF103335.D

Acq: 1 Mar 2018 14:35

Tgt Ion:	244	Resp:	592277
Ion Ratio	Lower	Upper	
244	100		
212	7.1	5.4	8.0
122	14.1	11.0	16.4





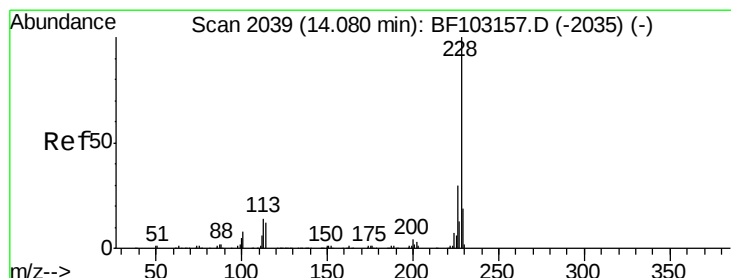
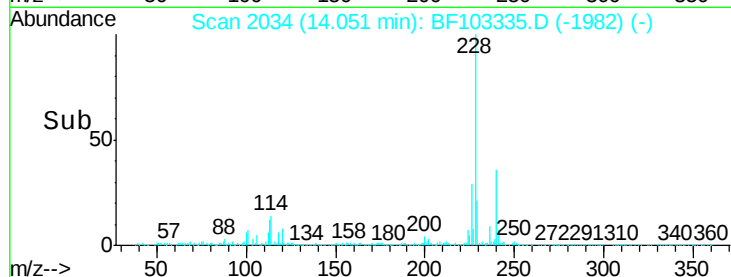
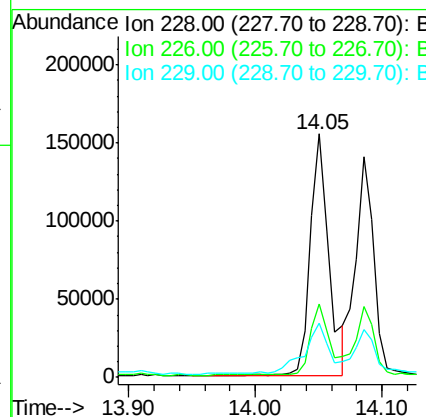
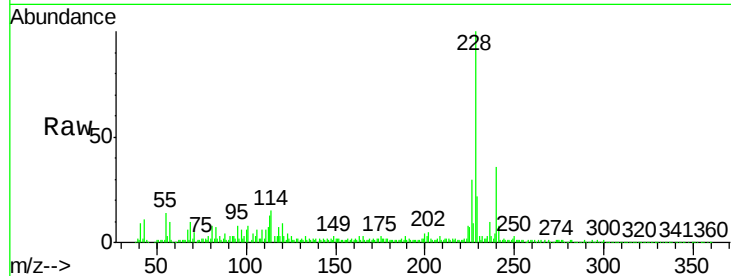
#80
Benzo(a)anthracene
Concen: 9.797 ng
RT: 14.05 min Scan# 2034
Delta R.T. 0.01 min
Lab File: BF103335.D
Acq: 1 Mar 2018 14:35

Instrument :
BNA_F
ClientSampleId :
SP-41

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.9	22.6	33.8
229	22.3	15.8	23.6

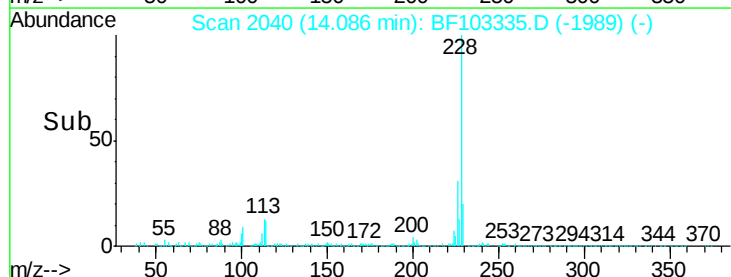
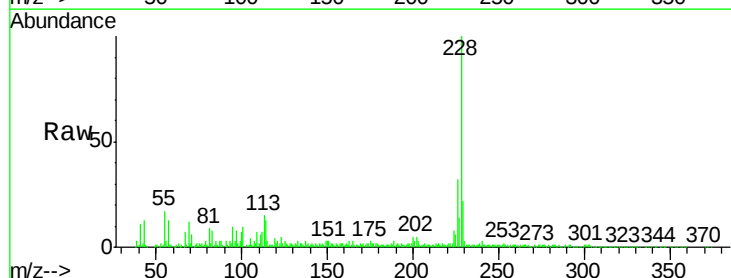
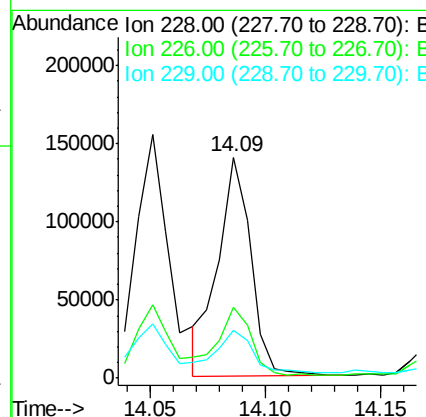
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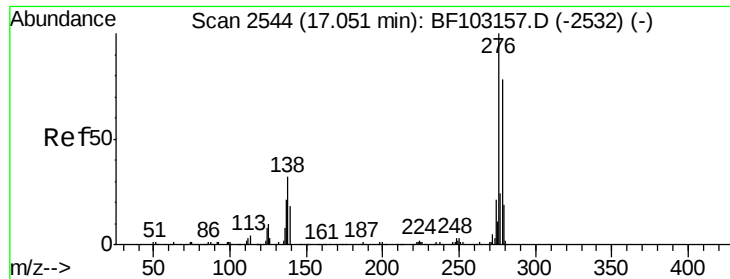
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#82
Chrysene
Concen: 8.785 ng
RT: 14.09 min Scan# 2040
Delta R.T. -0.00 min
Lab File: BF103335.D
Acq: 1 Mar 2018 14:35

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.0	25.0	37.6
229	21.9	16.2	24.4





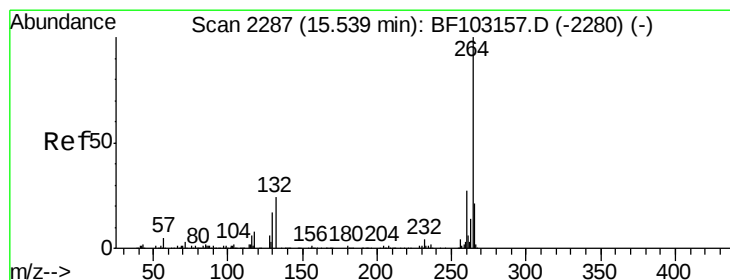
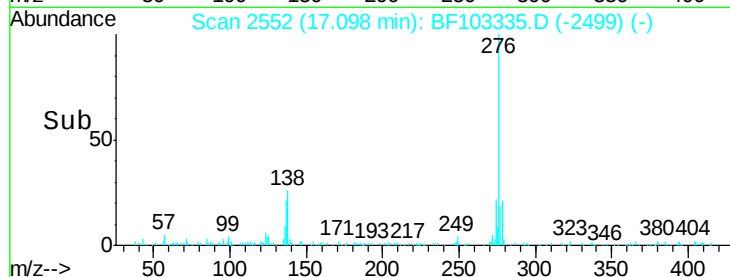
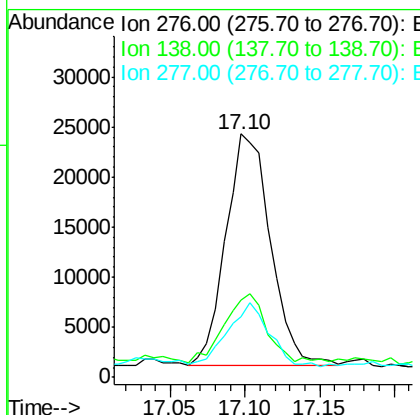
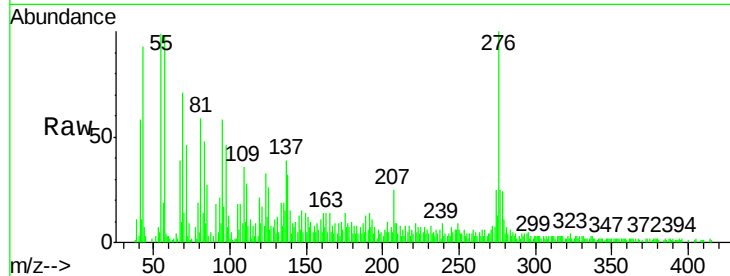
#85
Indeno(1,2,3-cd)pyrene
Concen: 3.846 ng
RT: 17.10 min Scan# 2552
Delta R.T. 0.01 min
Lab File: BF103335.D
Acq: 1 Mar 2018 14:35

Instrument :
BNA_F
ClientSampled :
SP-41

Tot Ion	Ratio	Lower	Upper
276	100		
138	28.7	25.0	37.6
277	26.3	20.1	30.1

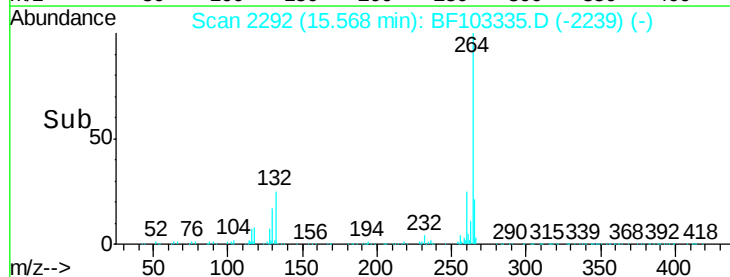
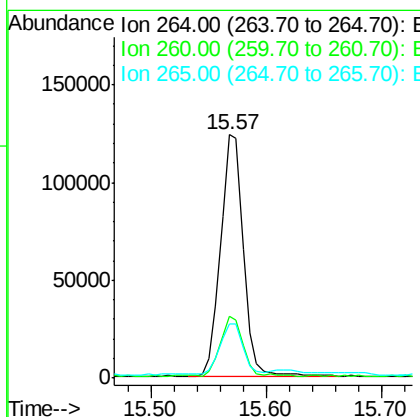
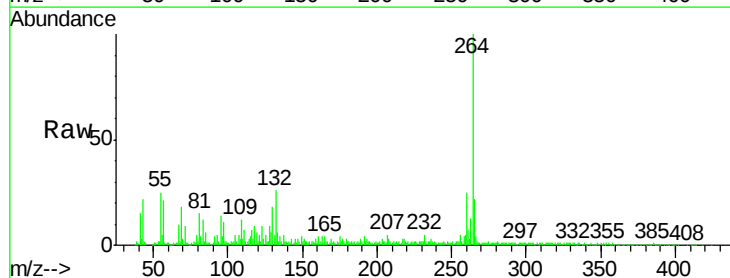
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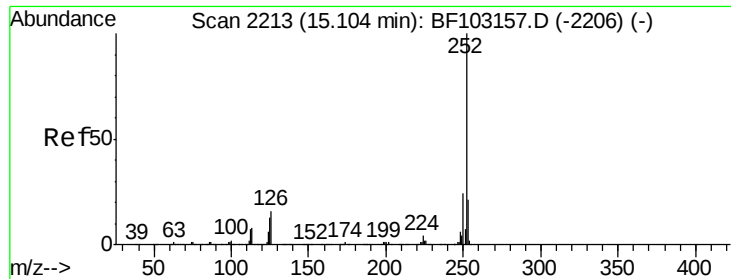
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.57 min Scan# 2292
Delta R.T. 0.01 min
Lab File: BF103335.D
Acq: 1 Mar 2018 14:35

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.4	19.2	28.8
265	22.2	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 12.746 ng m

RT: 15.13 min Scan# 2217

Delta R.T. 0.01 min

Lab File: BF103335.D

Acq: 1 Mar 2018 14:35

Instrument :

BNA_F

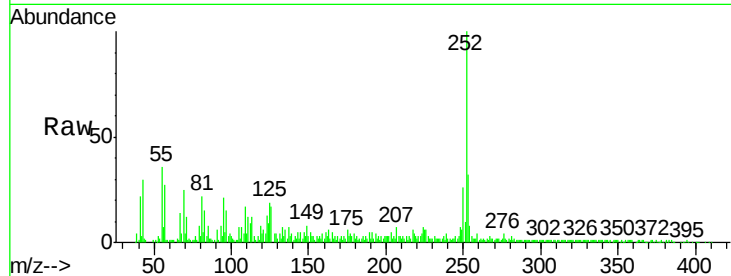
ClientSampled :

SP-41

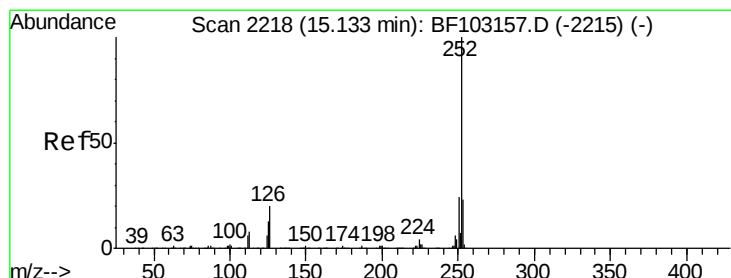
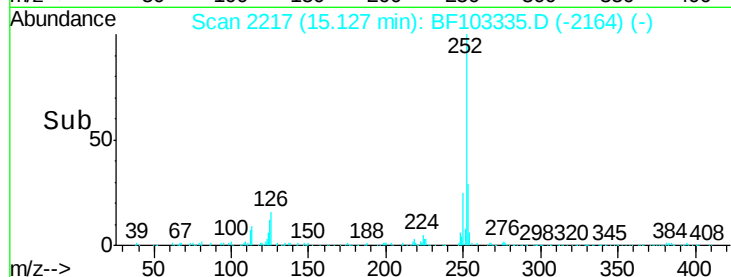
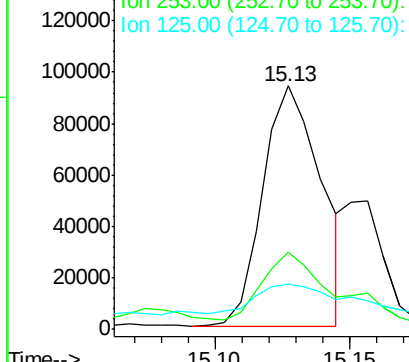
Tot Ion:	252	Resp:	141617
Ion Ratio	Lower	Upper	
252	100		
253	31.8	17.0	25.6#
125	18.6	9.0	13.6#

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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: 4.710 ng m

RT: 15.16 min Scan# 2222

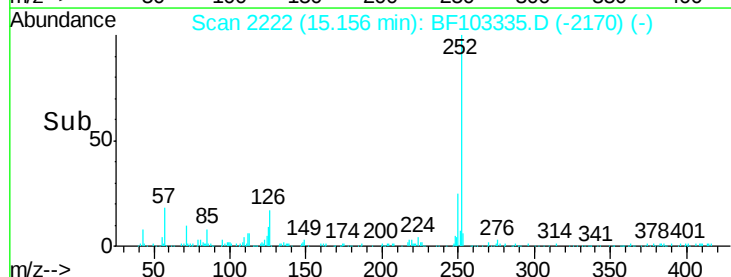
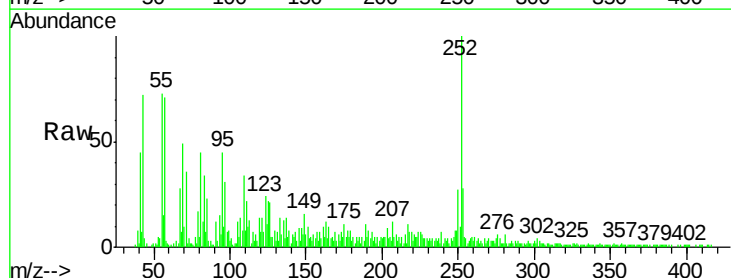
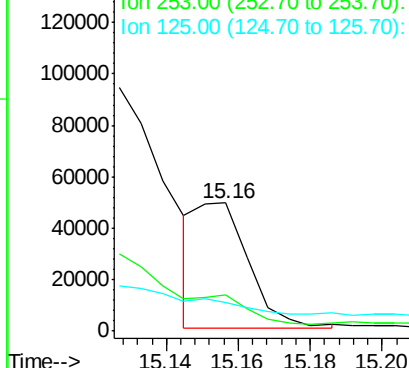
Delta R.T. 0.01 min

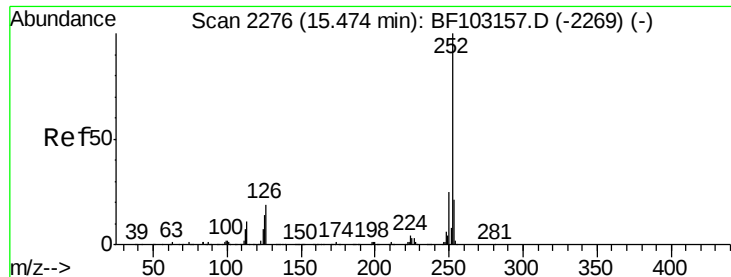
Lab File: BF103335.D

Acq: 1 Mar 2018 14:35

Tgt Ion:	252	Resp:	49272
Ion Ratio	Lower	Upper	
252	100		
253	27.9	17.9	26.9#
125	22.0	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





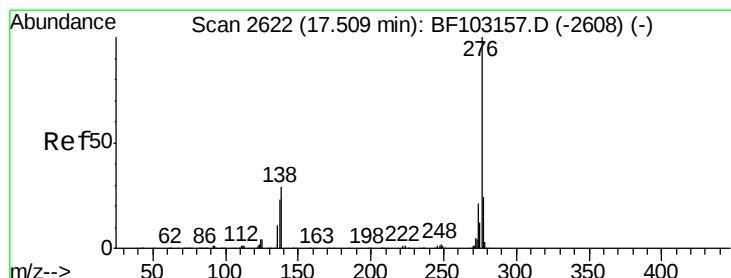
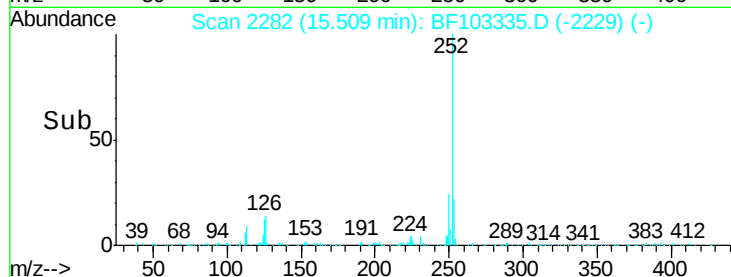
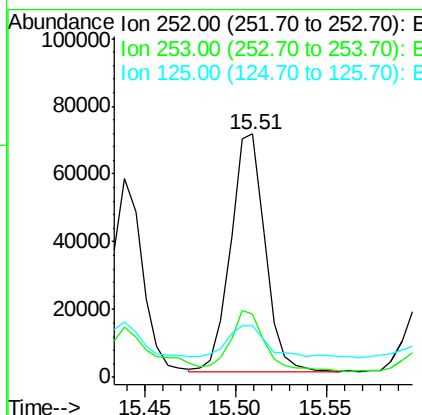
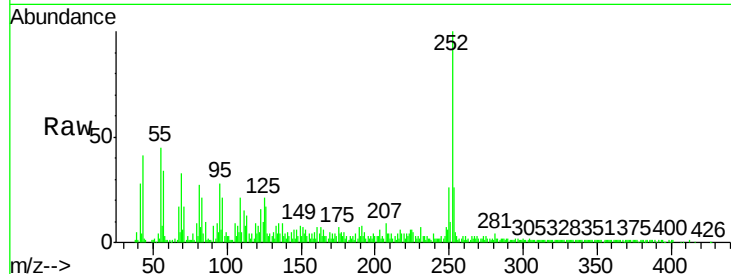
#89
Benzo(a)pyrene
Concen: 9.366 ng
RT: 15.51 min Scan# 2282
Delta R.T. 0.01 min
Lab File: BF103335.D
Acq: 1 Mar 2018 14:35

Instrument :
BNA_F
ClientSampled :
SP-41

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.7	17.1	25.7#
125	21.1	9.8	14.6#

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 6.713 ng
RT: 17.57 min Scan# 2633
Delta R.T. 0.04 min
Lab File: BF103335.D
Acq: 1 Mar 2018 14:35

Tgt Ion	Ratio	Lower	Upper
276	100		
277	26.0	17.9	26.9
138	31.4	21.8	32.8

