

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030518\
 Data File : BF103426.D
 Acq On : 5 Mar 2018 23:08
 Operator : SJ/JU
 Sample : J1723-15
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-33

Manual Integrations
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Sohil
 3/6/2018 4:23:40 PM

Quant Time: Mar 06 01:16:46 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 05 13:40:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	126025	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	507657	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	203660	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	303070	20.00	ng	0.00
75) Chrysene-d12	14.07	240	200268	20.00	ng	0.00
86) Perylene-d12	15.59	264	158436	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	796332	95.57	ng	0.00
7) Phenol-d6	6.52	99	949828	93.15	ng	0.00
23) Nitrobenzene-d5	7.44	82	576672	64.87	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	117476	68.15	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	799089	63.58	ng	0.00
78) Terphenyl-d14	12.99	244	519348	62.34	ng	0.00
Target Compounds						
15) Benzyl Alcohol	7.02	79	405673	52.799	ng	98
70) Phenanthrene	11.43	178	141435	8.480	ng	96
71) Anthracene	11.49	178	47264	2.763	ng	99
74) Fluoranthene	12.63	202	320627	19.130	ng	99
77) Pyrene	12.86	202	325381	20.839	ng	100
80) Benzo(a)anthracene	14.06	228	150525	11.584	ng	98
82) Chrysene	14.09	228	132992	10.541	ng	98
85) Indeno(1,2,3-cd)pyrene	17.13	276	50950	5.101	ng	98
87) Benzo(b)fluoranthene	15.14	252	144423m	13.864	ng	
88) Benzo(k)fluoranthene	15.16	252	49901m	5.087	ng	
89) Benzo(a)pyrene	15.52	252	100562	10.810	ng	# 87
90) Dibenzo(a,h)anthracene	17.13	278	14816	2.061	ng	# 63
91) Benzo(a,h,i)perylene	17.61	276	49482	7.043	ng	# 89

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

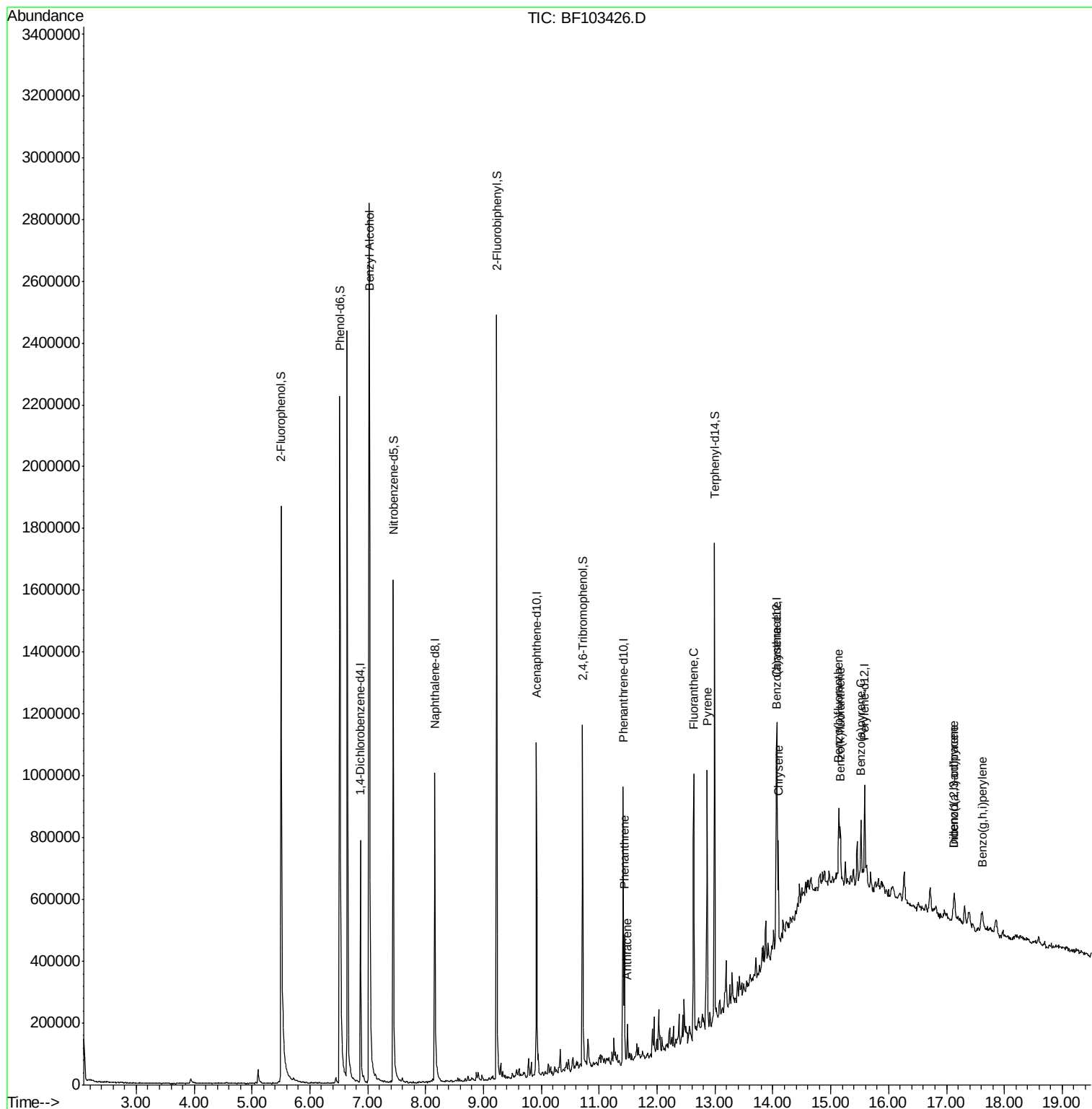
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030518\
Data File : BF103426.D
Acq On : 5 Mar 2018 23:08
Operator : SJ/JU
Sample : J1723-15
Misc :
ALS Vial : 14 Sample Multiplier: 1

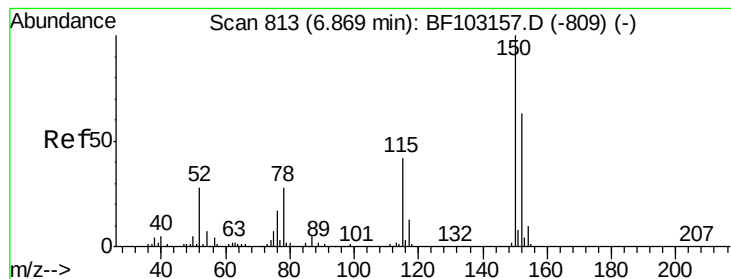
Instrument :
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SP-33

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Quant Time: Mar 06 01:16:46 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
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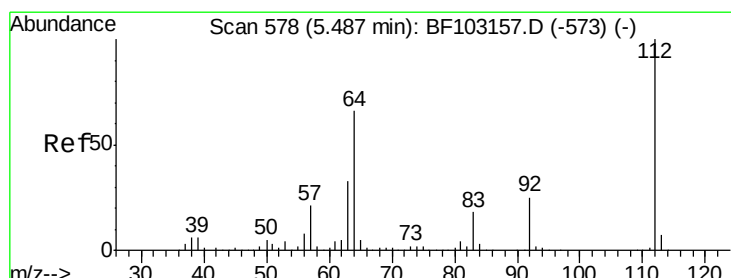
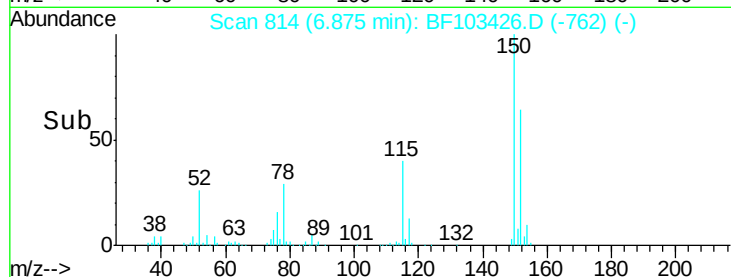
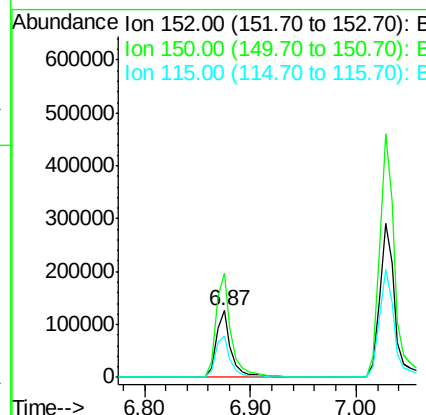
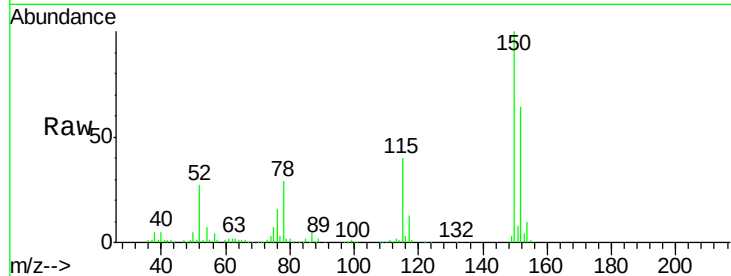
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.87 min Scan# 814
 Delta R.T. 0.01 min
 Lab File: BF103426.D
 Acq: 5 Mar 2018 23:08

Instrument :
 BNA_F
 ClientSampleId :
 SP-33

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.6	124.6	186.8
115	62.7	50.1	75.1

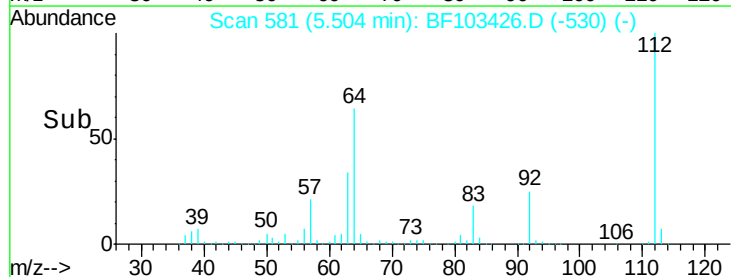
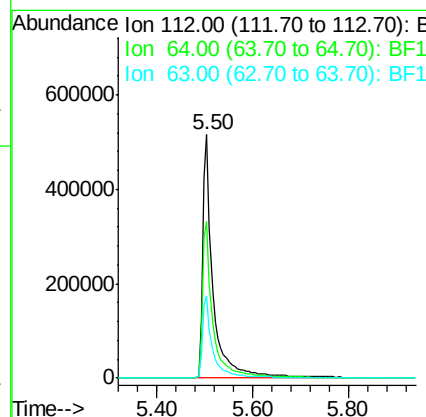
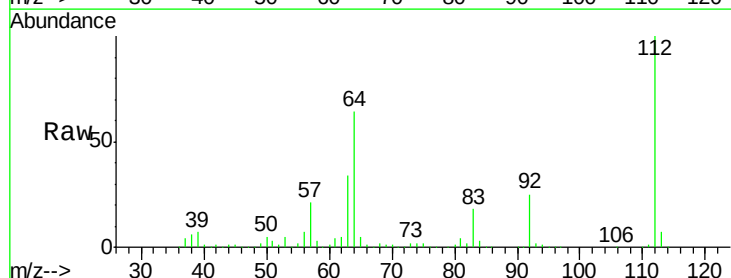
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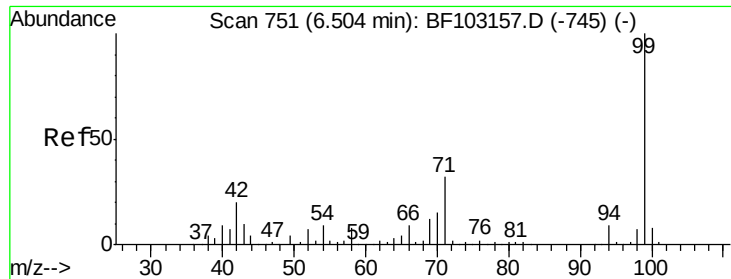
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#5
 2-Fluorophenol
 Concen: 95.568 ng
 RT: 5.50 min Scan# 581
 Delta R.T. -0.00 min
 Lab File: BF103426.D
 Acq: 5 Mar 2018 23:08

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.4	47.9	71.9
63	34.0	23.7	35.5





#7

Phenol-d6

Concen: 93.155 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF103426.D

Acq: 5 Mar 2018 23:08

Instrument :

BNA_F

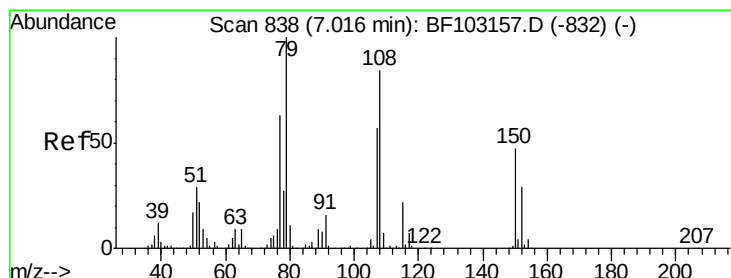
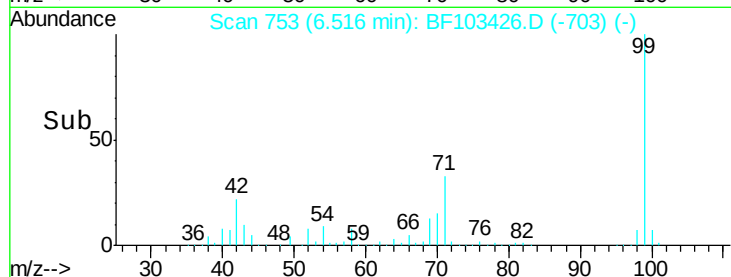
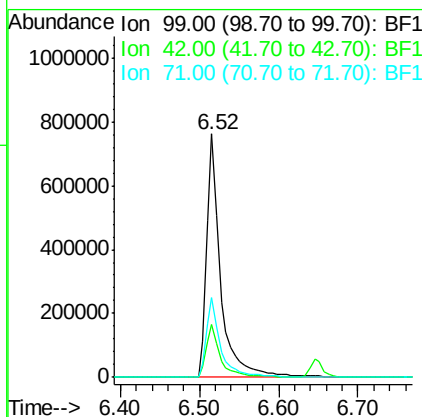
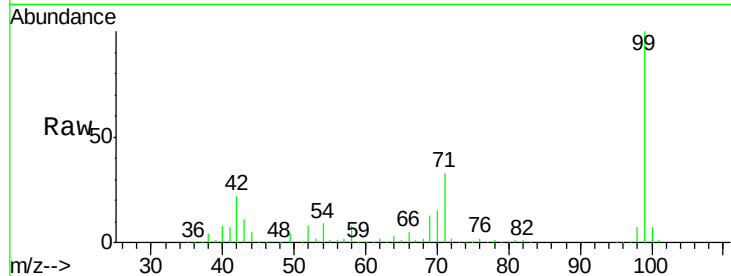
ClientSampled :

SP-33

Tot Ion:	99	Resp:	949828
Ion Ratio	Lower	Upper	
99	100		
42	21.6	14.5	21.7
71	32.9	25.4	38.0

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#15

Benzyl Alcohol

Concen: 52.799 ng

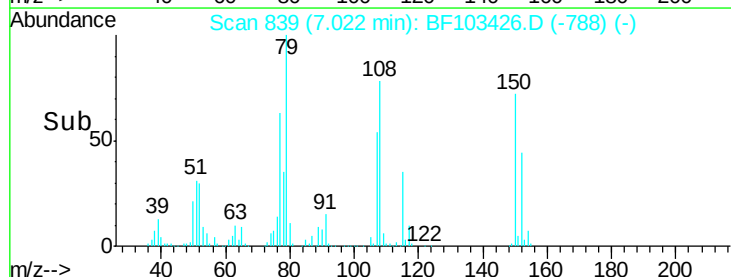
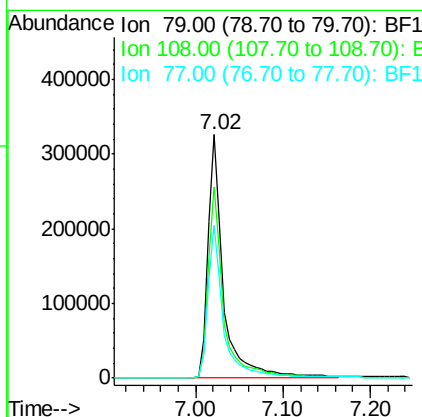
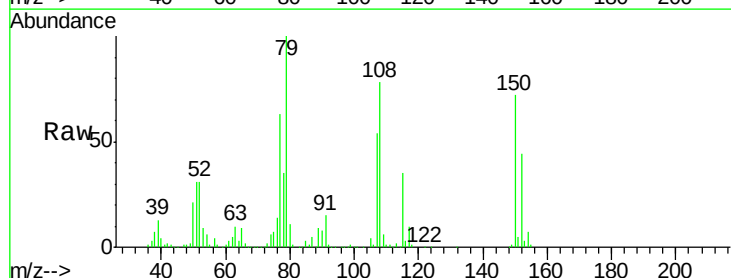
RT: 7.02 min Scan# 839

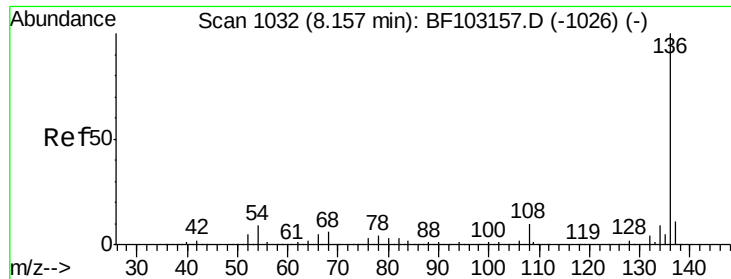
Delta R.T. -0.00 min

Lab File: BF103426.D

Acq: 5 Mar 2018 23:08

Tgt Ion:	79	Resp:	405673
Ion Ratio	Lower	Upper	
79	100		
108	78.3	65.1	97.7
77	62.7	50.6	75.8





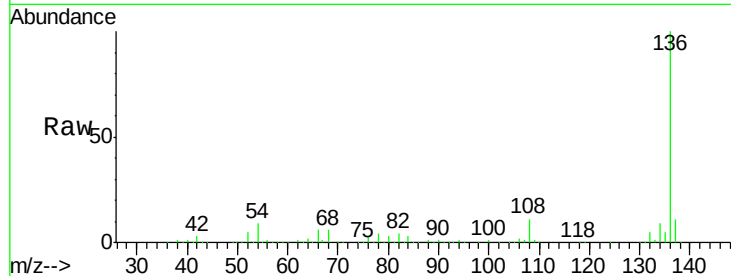
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BF103426.D
Acq: 5 Mar 2018 23:08

Instrument :
BNA_F
ClientSampleId :
SP-33

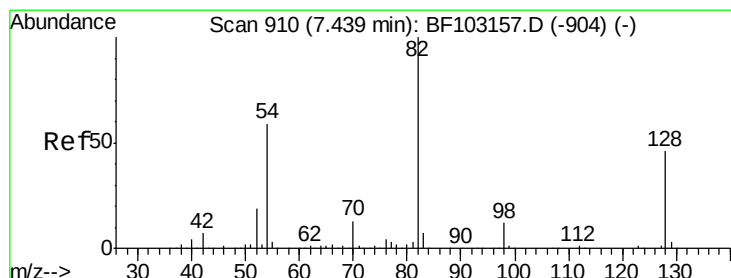
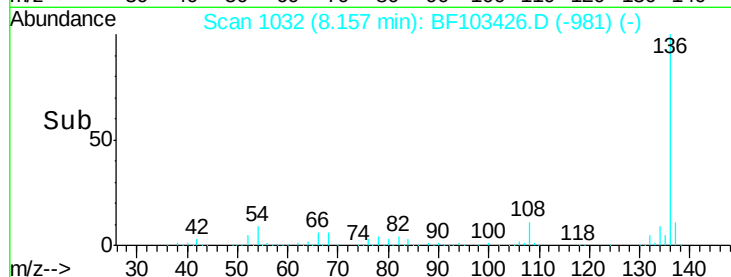
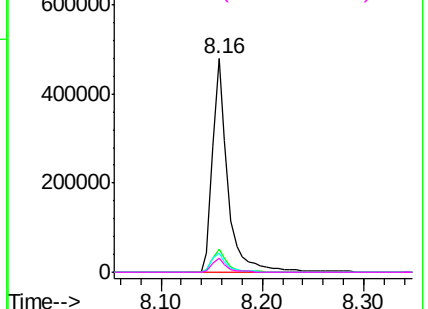
Tot Ion	Ratio	Resp	Lower	Upper
136	100	507657		
137	11.0		8.9	13.3
54	9.0		6.6	9.8
68	6.4		5.0	7.4

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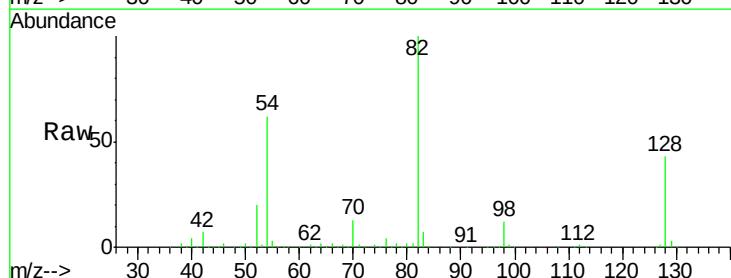


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

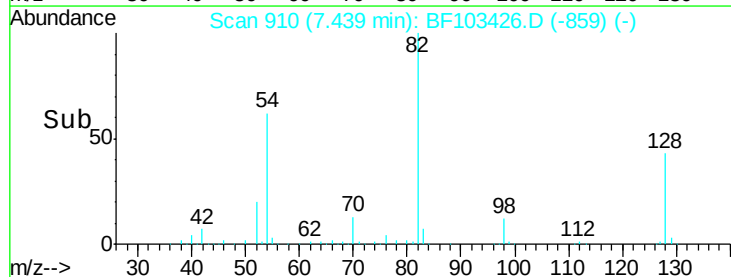
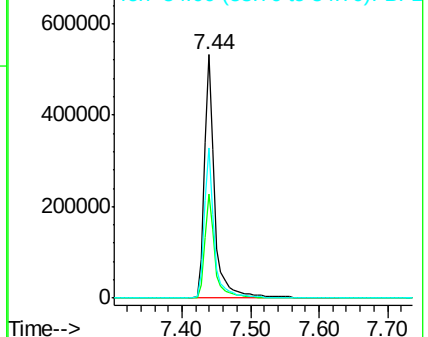


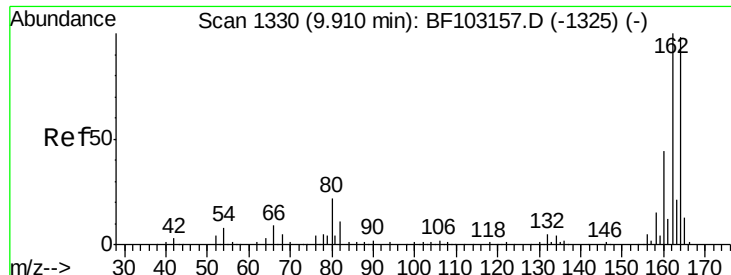
#23
Nitrobenzene-d5
Concen: 64.872 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.00 min
Lab File: BF103426.D
Acq: 5 Mar 2018 23:08

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	576672		
128	42.5		36.1	54.1
54	61.9		41.4	62.2



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





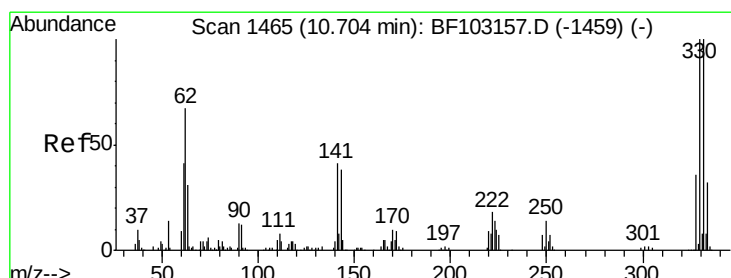
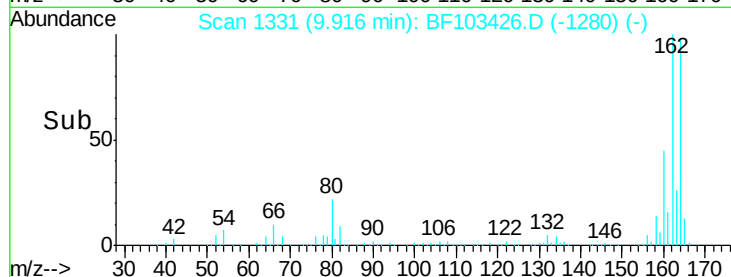
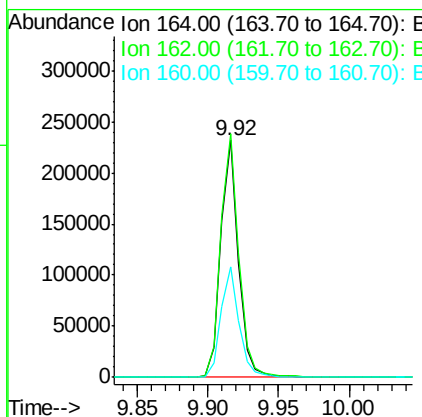
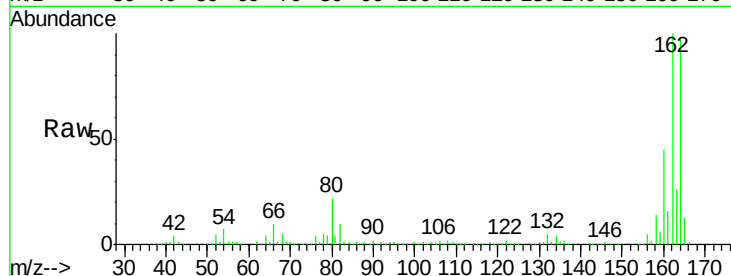
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.00 min
Lab File: BF103426.D
Acq: 5 Mar 2018 23:08

Instrument :
BNA_F
ClientSampled :
SP-33

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.7	86.1	129.1
160	46.3	38.3	57.5

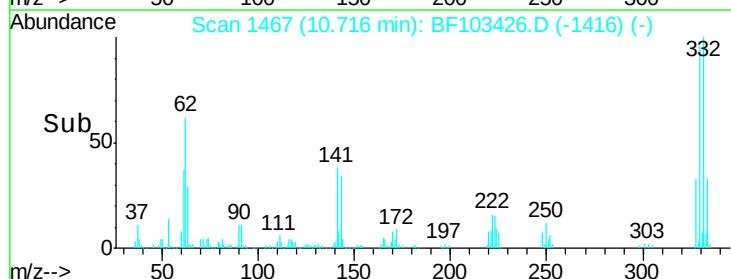
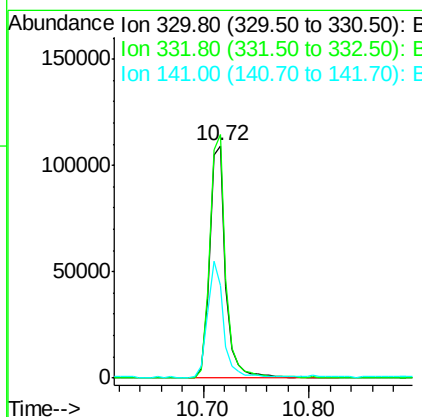
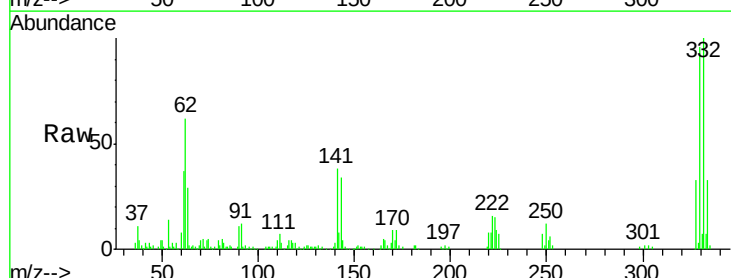
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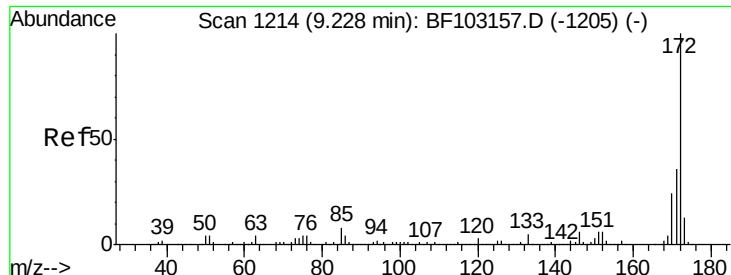
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#41
2,4,6-Tribromophenol
Concen: 68.147 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.00 min
Lab File: BF103426.D
Acq: 5 Mar 2018 23:08

Tgt Ion	Ratio	Lower	Upper
330	100		
332	104.7	77.0	115.6
141	48.4	29.9	44.9#





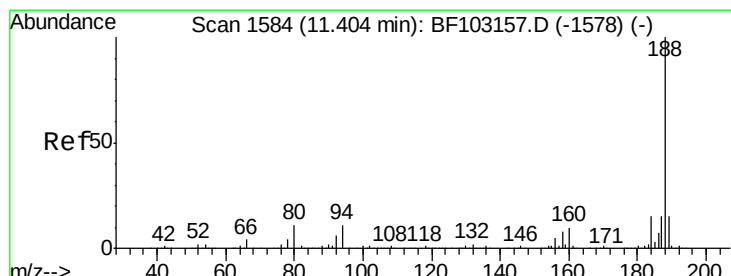
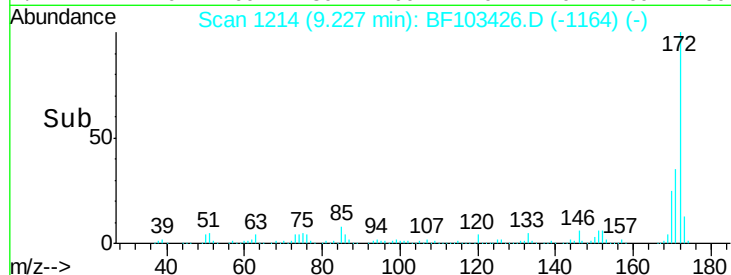
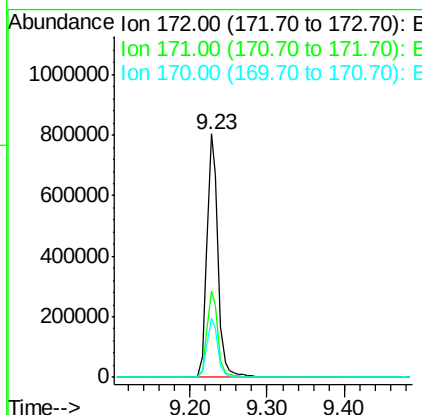
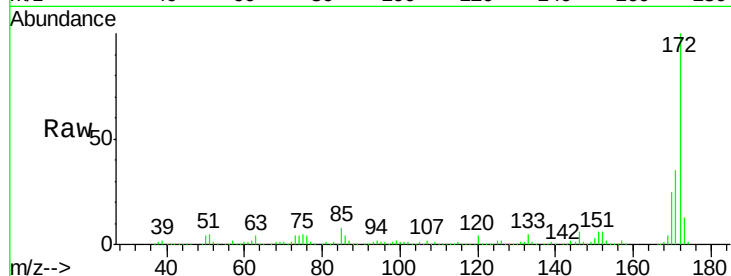
#44
 2-Fluorobiphenyl
 Concen: 63.580 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BF103426.D
 Acq: 5 Mar 2018 23:08

Instrument :
 BNA_F
 ClientSampled :
 SP-33

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.2	29.7	44.5
170	24.5	19.6	29.4

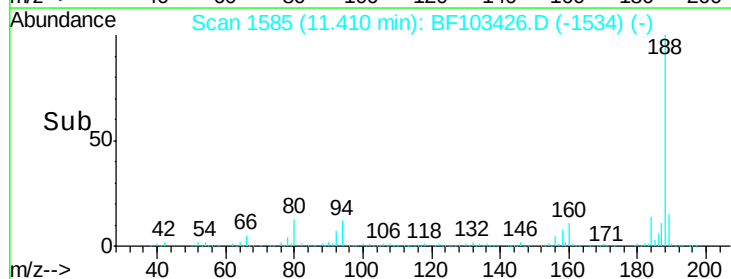
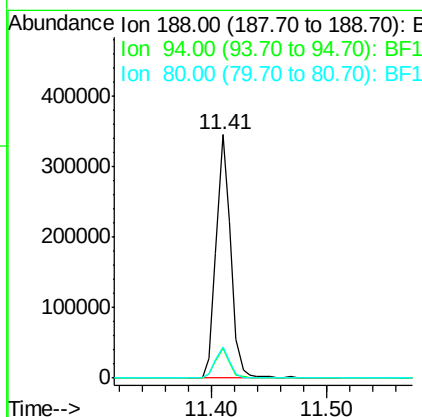
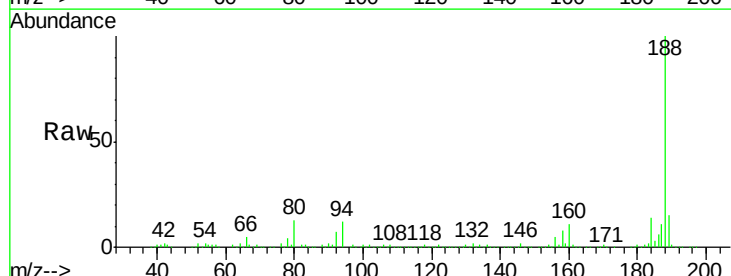
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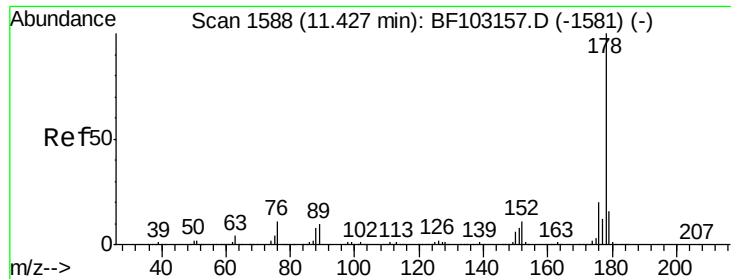
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#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.41 min Scan# 1585
 Delta R.T. -0.00 min
 Lab File: BF103426.D
 Acq: 5 Mar 2018 23:08

Tgt Ion	Ratio	Lower	Upper
188	100		
94	12.1	8.5	12.7
80	12.9	9.2	13.8





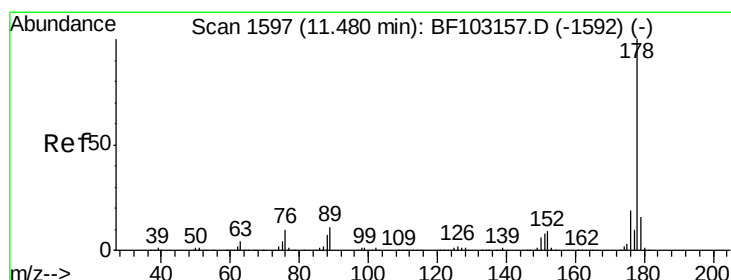
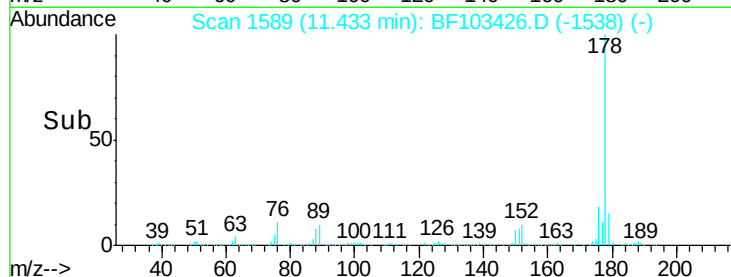
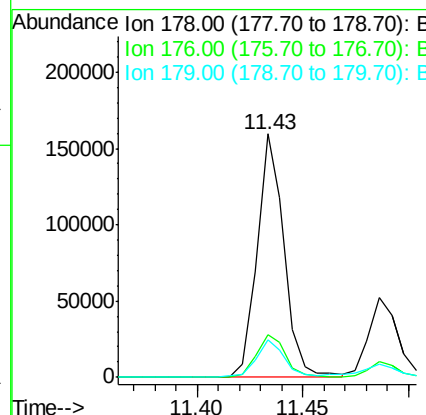
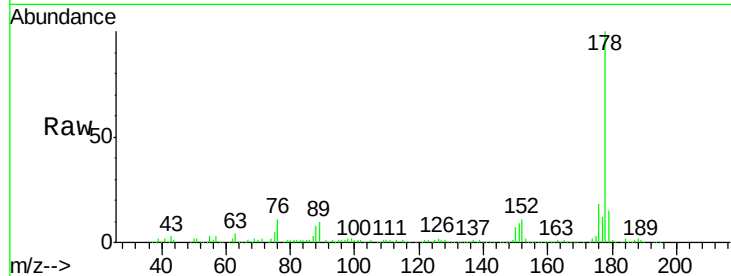
#70
Phenanthrene
Concen: 8.480 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.00 min
Lab File: BF103426.D
Acq: 5 Mar 2018 23:08

Instrument :
BNA_F
ClientSampled :
SP-33

Tot Ion	Ratio	Lower	Upper
178	100		
176	17.6	15.8	23.8
179	15.3	13.0	19.6

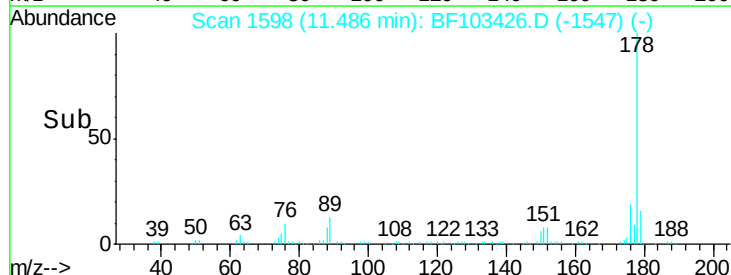
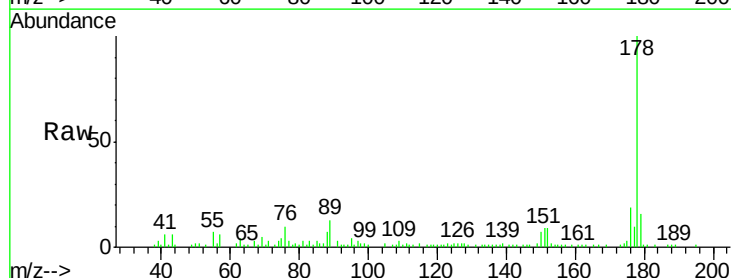
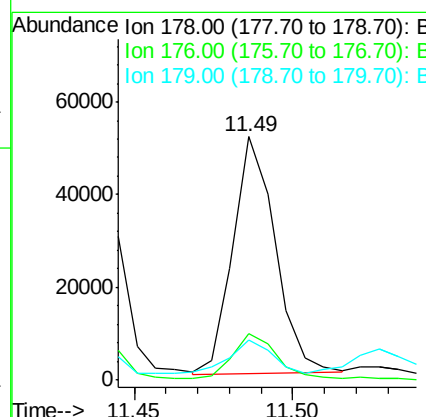
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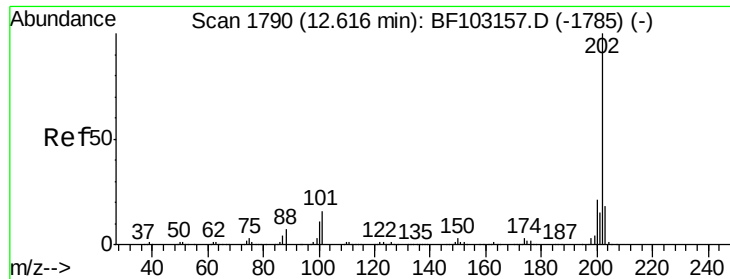
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#71
Anthracene
Concen: 2.763 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.00 min
Lab File: BF103426.D
Acq: 5 Mar 2018 23:08

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





#74

Fluoranthene

Concen: 19.130 ng

RT: 12.63 min Scan# 1793

Delta R.T. -0.00 min

Lab File: BF103426.D

Acq: 5 Mar 2018 23:08

Instrument :

BNA_F

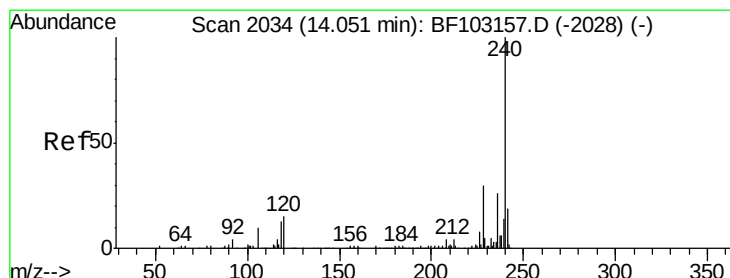
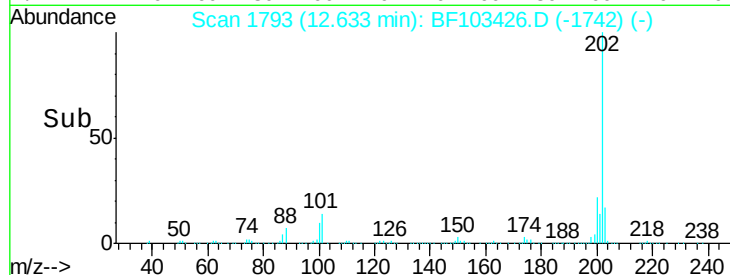
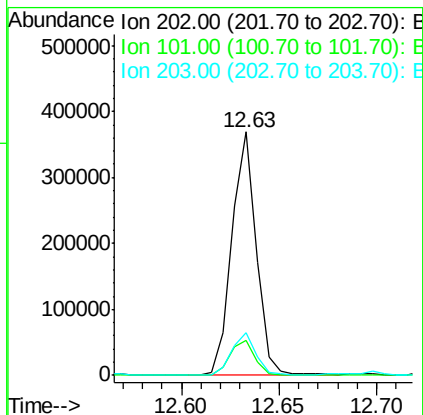
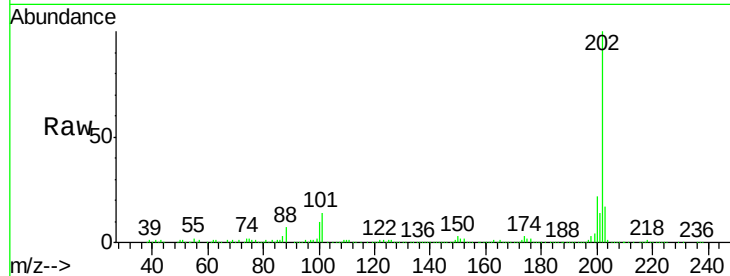
ClientSampled :

SP-33

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	14.1	0.0	34.1
203	17.3	0.0	38.1

Manual Integrations
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#75

Chrysene-d12

Concen: 20.000 ng

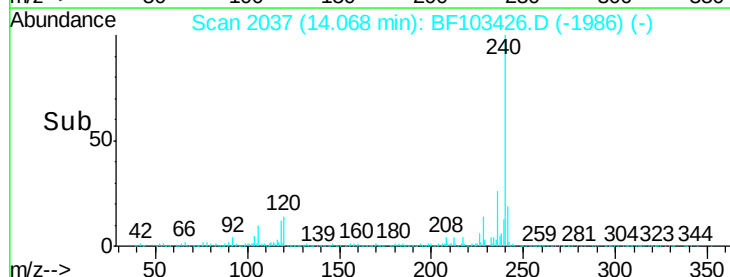
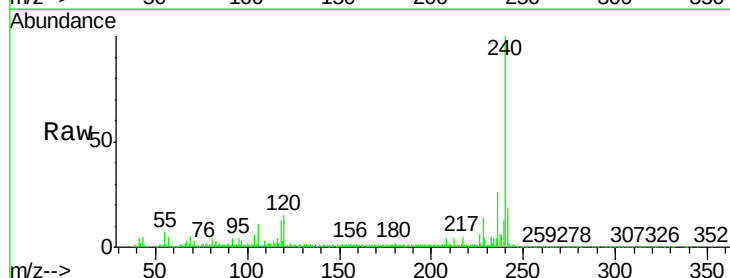
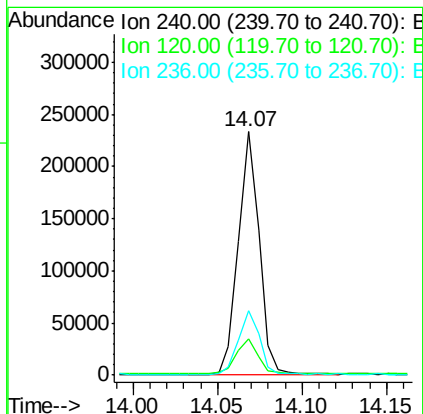
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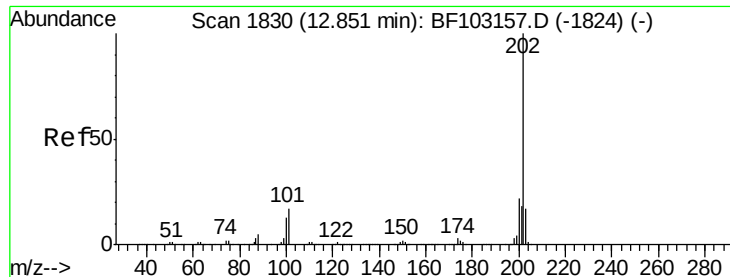
Delta R.T. -0.00 min

Lab File: BF103426.D

Acq: 5 Mar 2018 23:08

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	14.9	9.5	14.3#
236	26.4	20.7	31.1





#77

Pvrene

Concen: 20.839 ng

RT: 12.86 min Scan# 1832

Delta R.T. -0.00 min

Lab File: BF103426.D

Acq: 5 Mar 2018 23:08

Instrument :

BNA_F

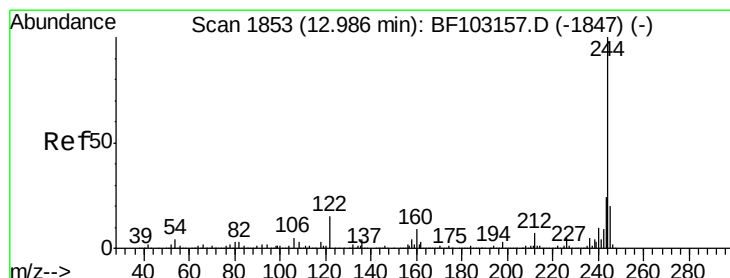
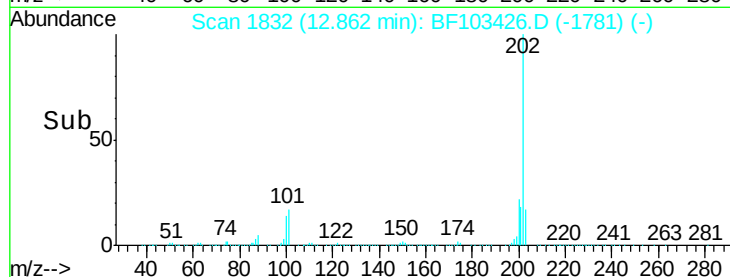
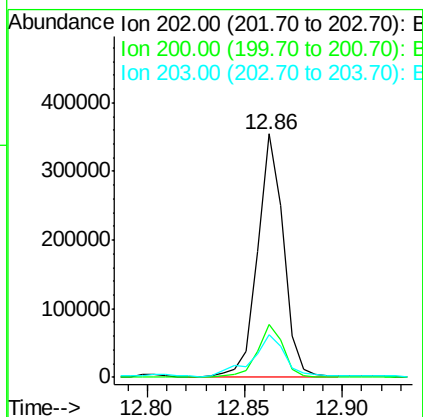
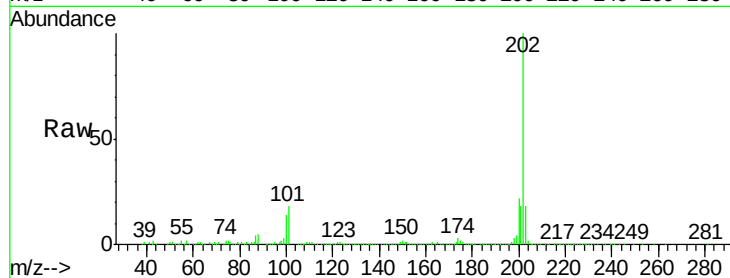
ClientSampleId :

SP-33

Tot Ion:	202	Resp:	325381
Ion Ratio	Lower	Upper	
202	100		
200	21.8	17.4	26.2
203	17.5	14.3	21.5

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3/6/2018 4:23:40 PM



#78

Terphenyl-d14

Concen: 62.339 ng

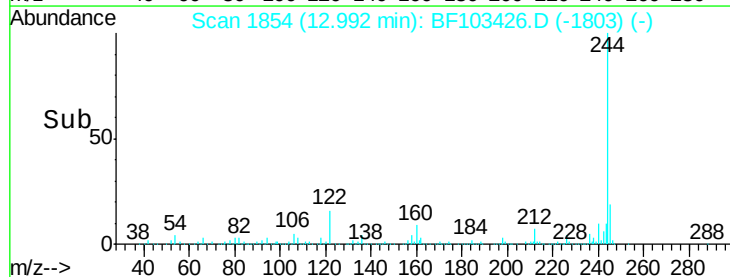
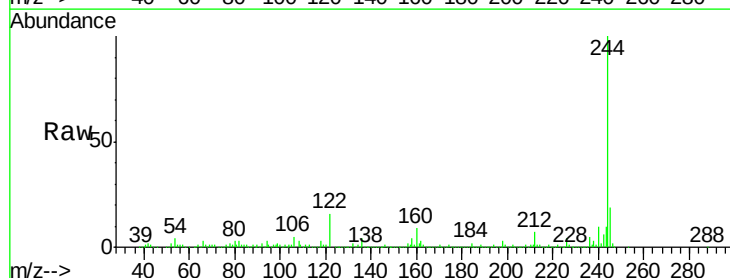
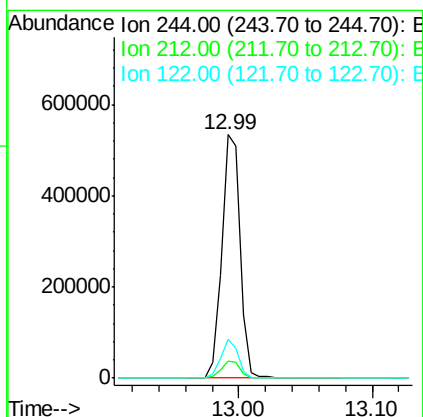
RT: 12.99 min Scan# 1854

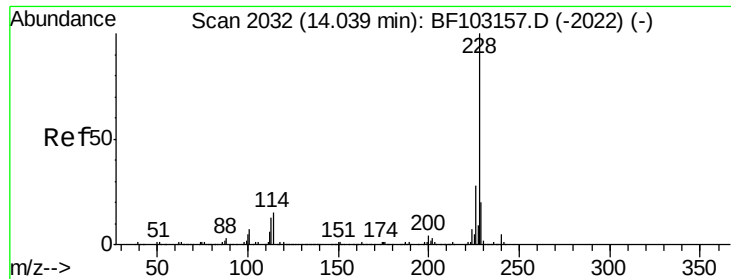
Delta R.T. -0.00 min

Lab File: BF103426.D

Acq: 5 Mar 2018 23:08

Tgt Ion:	244	Resp:	519348
Ion Ratio	Lower	Upper	
244	100		
212	7.2	5.4	8.0
122	15.7	11.0	16.4





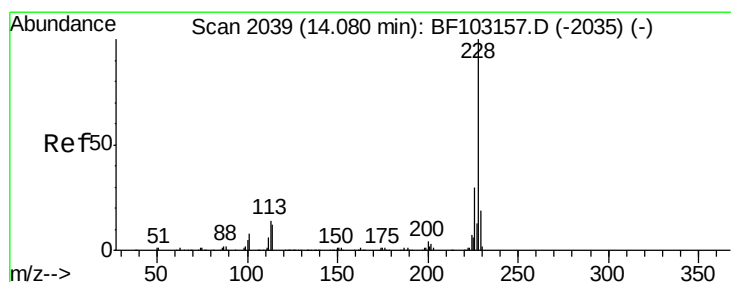
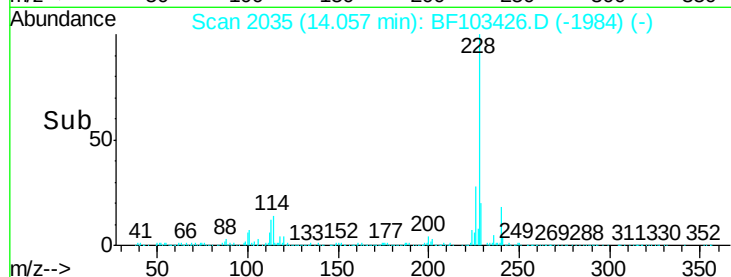
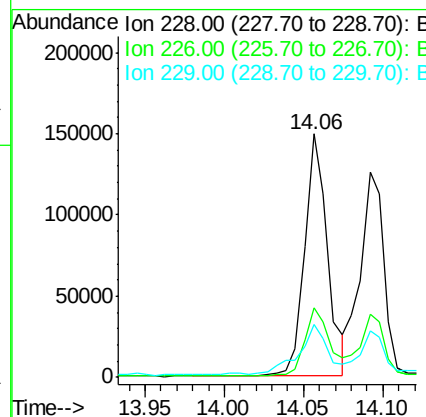
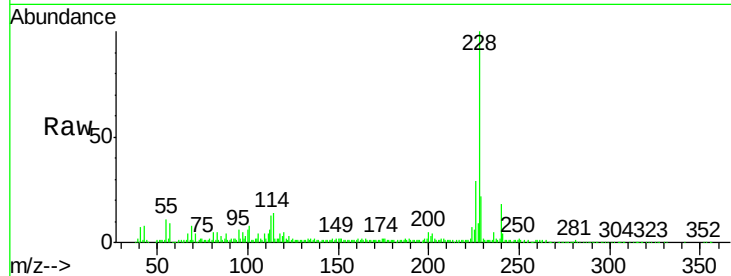
#80
Benzo(a)anthracene
Concen: 11.584 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.00 min
Lab File: BF103426.D
Acq: 5 Mar 2018 23:08

Instrument :
BNA_F
ClientSampled :
SP-33

Tot Ion	Ratio	Resp	Lower	Upper
228	100	150525		
226	28.6		22.6	33.8
229	21.6		15.8	23.6

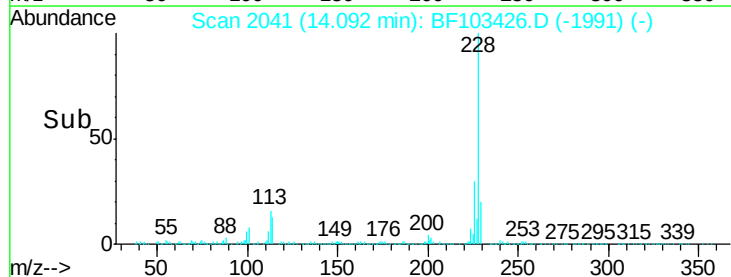
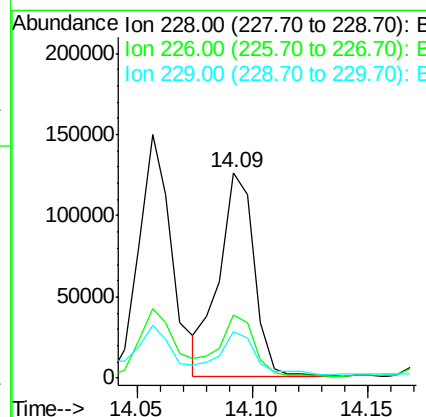
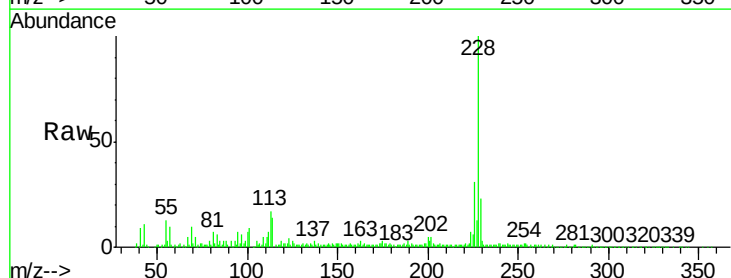
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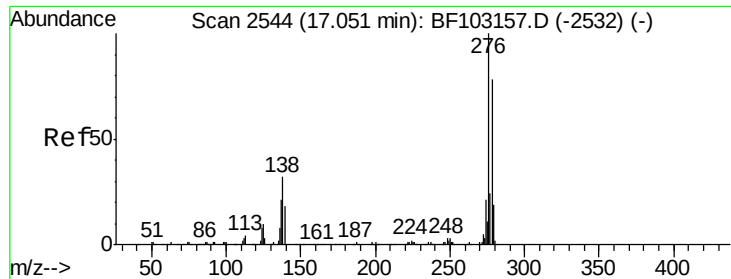
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3/6/2018 4:23:40 PM



#82
Chrysene
Concen: 10.541 ng
RT: 14.09 min Scan# 2041
Delta R.T. -0.01 min
Lab File: BF103426.D
Acq: 5 Mar 2018 23:08

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	132992		
226	31.0		25.0	37.6
229	22.6		16.2	24.4





#85

Indeno(1,2,3-cd)pyrene

Concen: 5.101 ng

RT: 17.13 min Scan# 2558

Delta R.T. -0.00 min

Lab File: BF103426.D

Acq: 5 Mar 2018 23:08

Instrument :

BNA_F

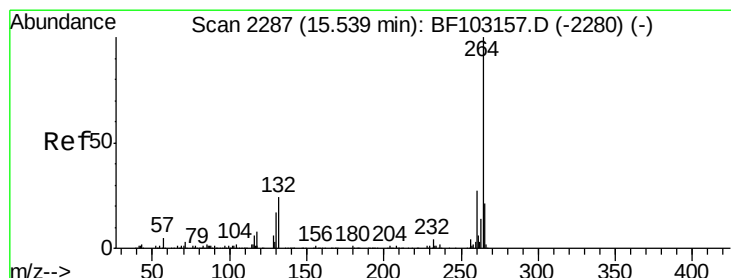
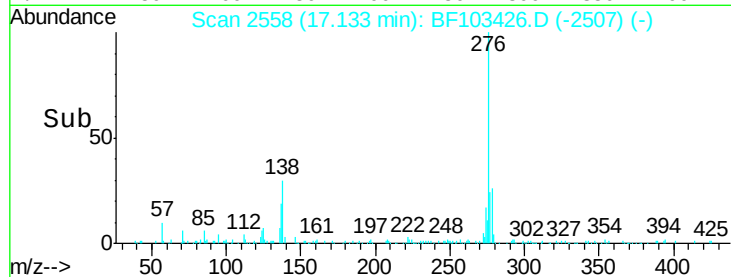
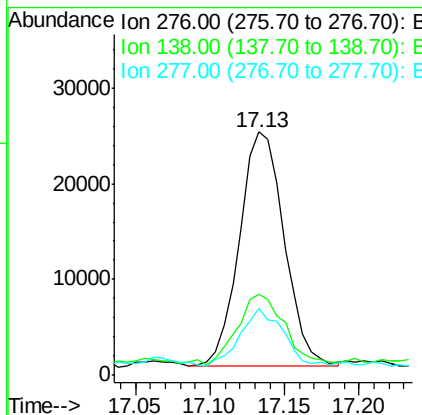
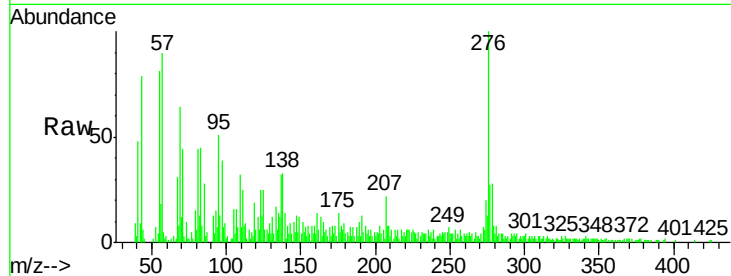
ClientSampled :

SP-33

Tot Ion:	276	Resp:	50950
Ion Ratio	Lower	Upper	
276	100		
138	30.5	25.0	37.6
277	23.3	20.1	30.1

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3/6/2018 4:23:40 PM



#86

Perylene-d12

Concen: 20.000 ng

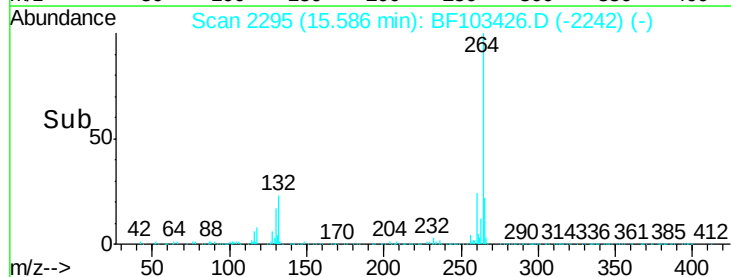
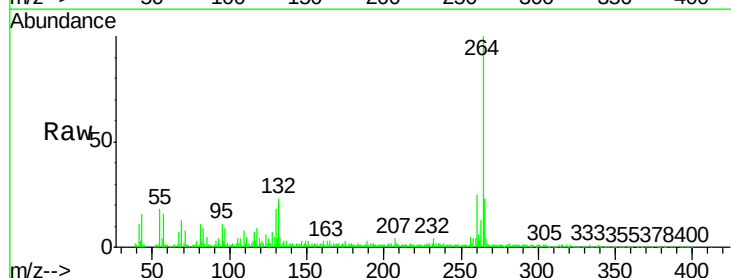
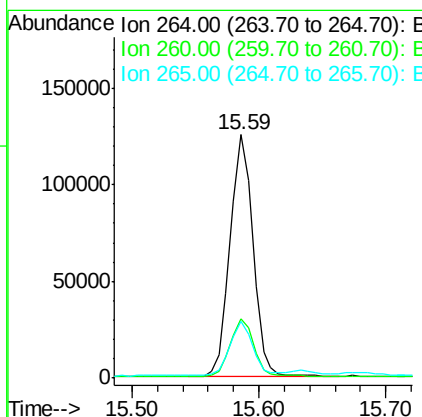
RT: 15.59 min Scan# 2295

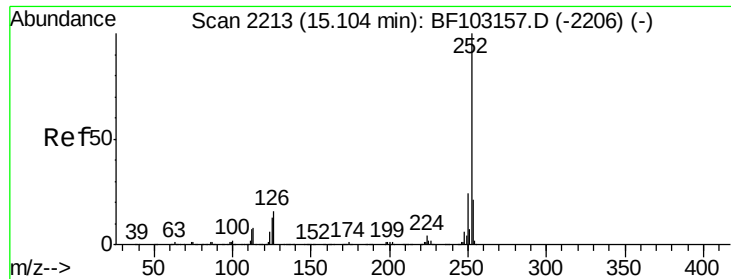
Delta R.T. 0.01 min

Lab File: BF103426.D

Acq: 5 Mar 2018 23:08

Tgt Ion:	264	Resp:	158436
Ion Ratio	Lower	Upper	
264	100		
260	24.6	19.2	28.8
265	23.3	17.5	26.3





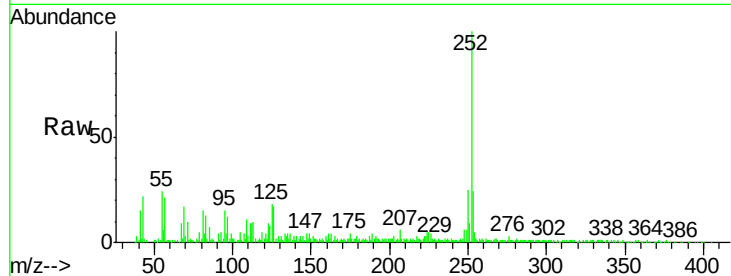
#87
Benzo(b)fluoranthene
Concen: 13.864 ng m
RT: 15.14 min Scan# 2219
Delta R.T. 0.01 min
Lab File: BF103426.D
Acq: 5 Mar 2018 23:08

Instrument :
BNA_F
ClientSampled :
SP-33

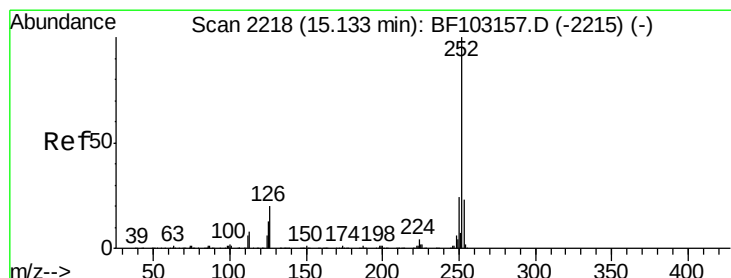
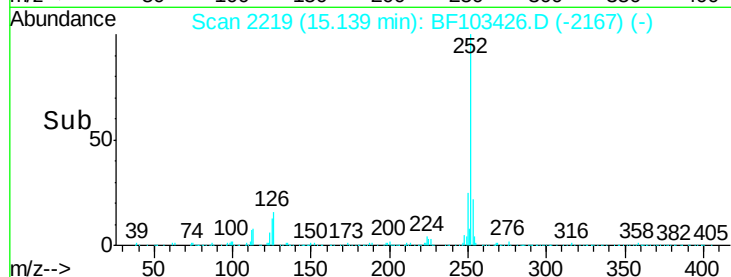
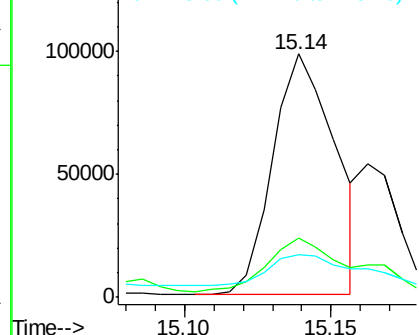
Tot Ion	Ratio	Lower	Upper
252	100		
253	24.5	17.0	25.6
125	17.5	9.0	13.6

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3/6/2018 4:23:40 PM



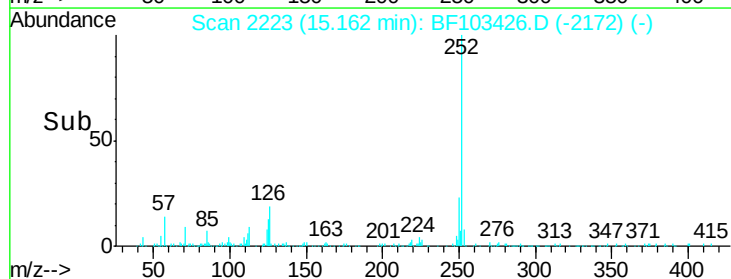
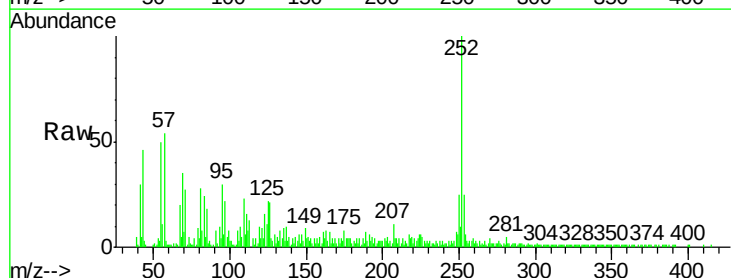
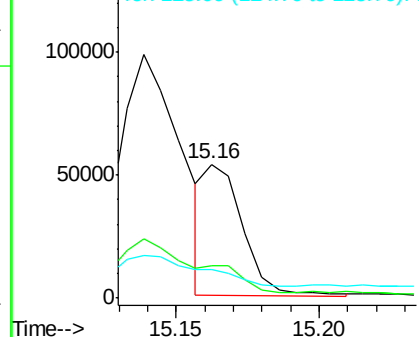
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

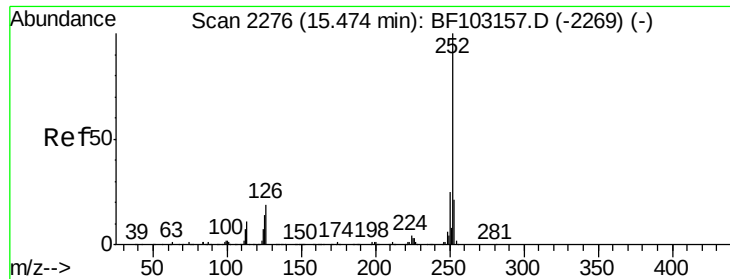


#88
Benzo(k)fluoranthene
Concen: 5.087 ng m
RT: 15.16 min Scan# 2223
Delta R.T. -0.00 min
Lab File: BF103426.D
Acq: 5 Mar 2018 23:08

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.7	17.9	26.9
125	21.8	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: 10.810 ng

RT: 15.52 min Scan# 2284

Delta R.T. 0.01 min

Lab File: BF103426.D

Acq: 5 Mar 2018 23:08

Instrument :

BNA_F

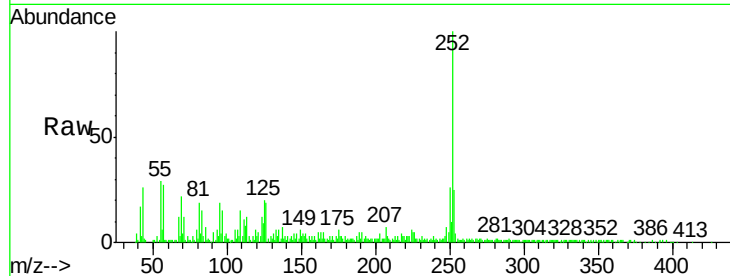
ClientSampled :

SP-33

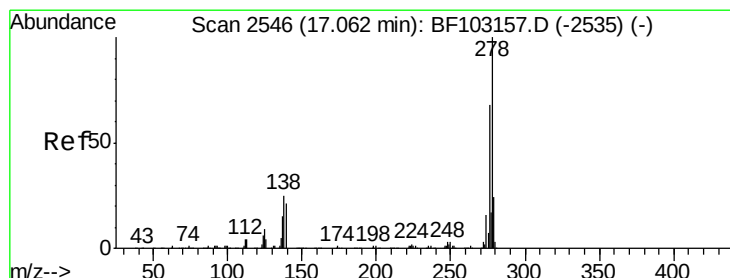
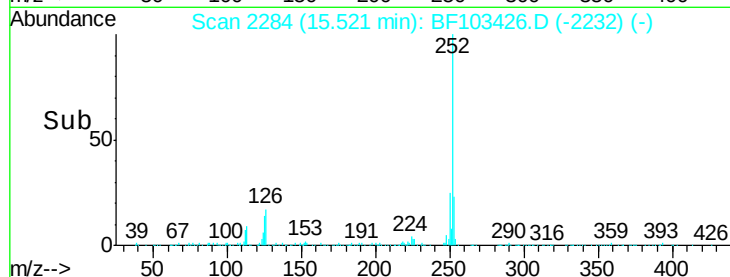
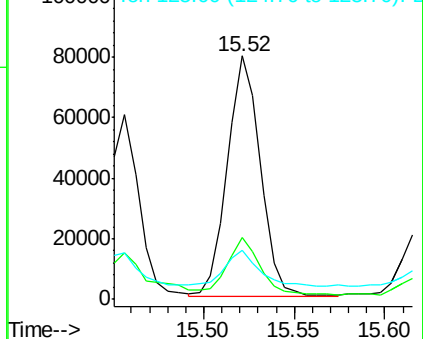
Tot Ion:	252	Resp:	100562
Ion Ratio	Lower	Upper	
252	100		
253	25.4	17.1	25.7
125	20.0	9.8	14.6#

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3/6/2018 4:23:40 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



#90

Dibenzo(a,h)anthracene

Concen: 2.061 ng

RT: 17.13 min Scan# 2558

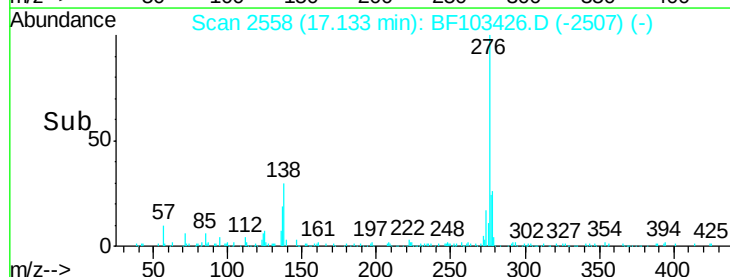
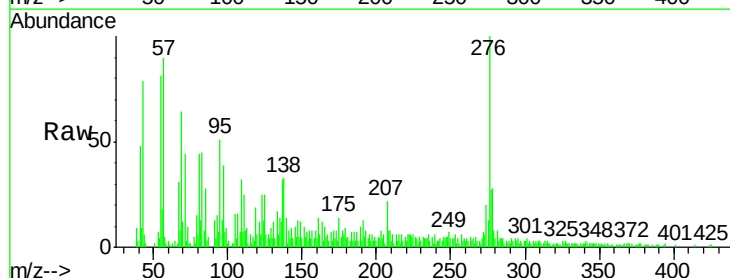
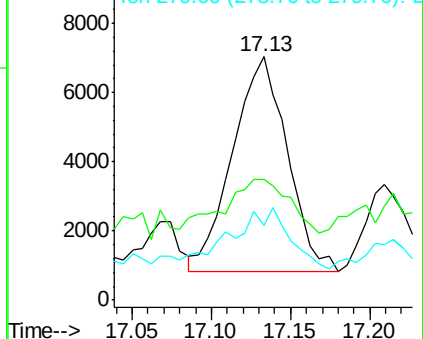
Delta R.T. -0.00 min

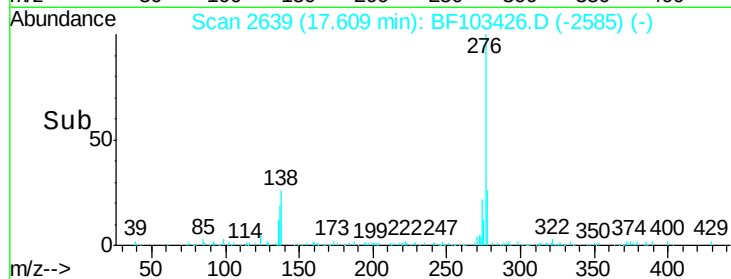
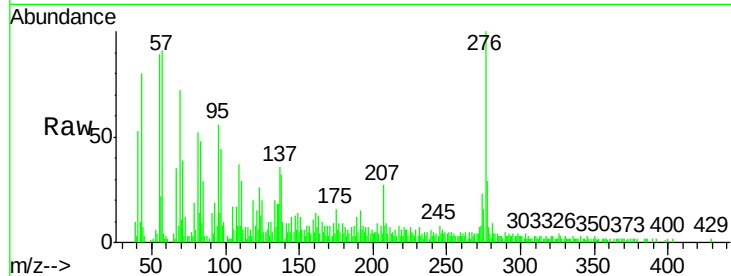
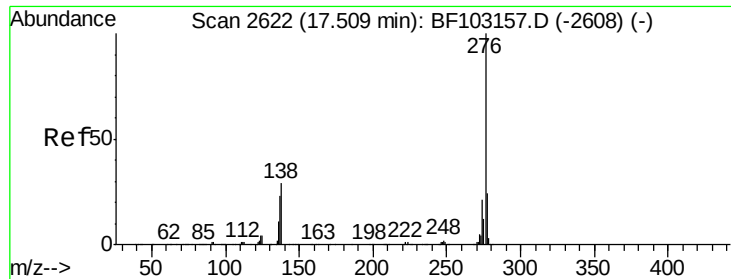
Lab File: BF103426.D

Acq: 5 Mar 2018 23:08

Tgt Ion:	278	Resp:	14816
Ion Ratio	Lower	Upper	
278	100		
139	49.8	15.9	23.9#
279	30.5	19.0	28.4#

Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 7.043 ng

RT: 17.61 min Scan# 2639

Delta R.T. 0.02 min

Lab File: BF103426.D

Acq: 5 Mar 2018 23:08

Instrument :

BNA_F

ClientSampleId :

SP-33

Tot Ion:	276	Resp:	49482
Ion Ratio	Lower	Upper	
276	100		
277	28.8	17.9	26.9#
138	32.1	21.8	32.8

Manual Integrations
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