

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF032218\
 Data File : BF103855.D
 Acq On : 22 Mar 2018 16:46
 Operator : JU/SJ
 Sample : J1756-07 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-03-032018-A

Manual Integrations
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 3/23/2018 2:46:37 PM

Quant Time: Mar 23 01:05:46 2018
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 22 11:56:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	156598	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	629873	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	283689	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	447581	20.00	ng	0.00
75) Chrysene-d12	14.16	240	309695	20.00	ng	0.00
86) Perylene-d12	15.71	264	290863	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	172828	16.79	ng	-0.01
7) Phenol-d6	6.58	99	219392	17.42	ng	-0.02
23) Nitrobenzene-d5	7.53	82	123927	13.72	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	46581	19.10	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	264247	14.86	ng	-0.01
78) Terphenyl-d14	13.09	244	197659	14.81	ng	-0.01
Target Compounds						Qvalue
37) 2-Methylnaphthalene	8.96	142	101561	5.033	ng	99
57) Fluorene	10.56	166	90309	4.710	ng	98
70) Phenanthrene	11.53	178	379355	15.494	ng	97
71) Anthracene	11.58	178	74726	3.005	ng	99
74) Fluoranthene	12.72	202	197011	7.811	ng	99
77) Pyrene	12.96	202	258018	11.345	ng	98
80) Benzo(a)anthracene	14.15	228	98857	5.043	ng	95
82) Chrysene	14.19	228	97434m	5.214	ng	
87) Benzo(b)fluoranthene	15.24	252	81610m	4.441	ng	
89) Benzo(a)pyrene	15.64	252	68516	4.111	ng	# 90

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

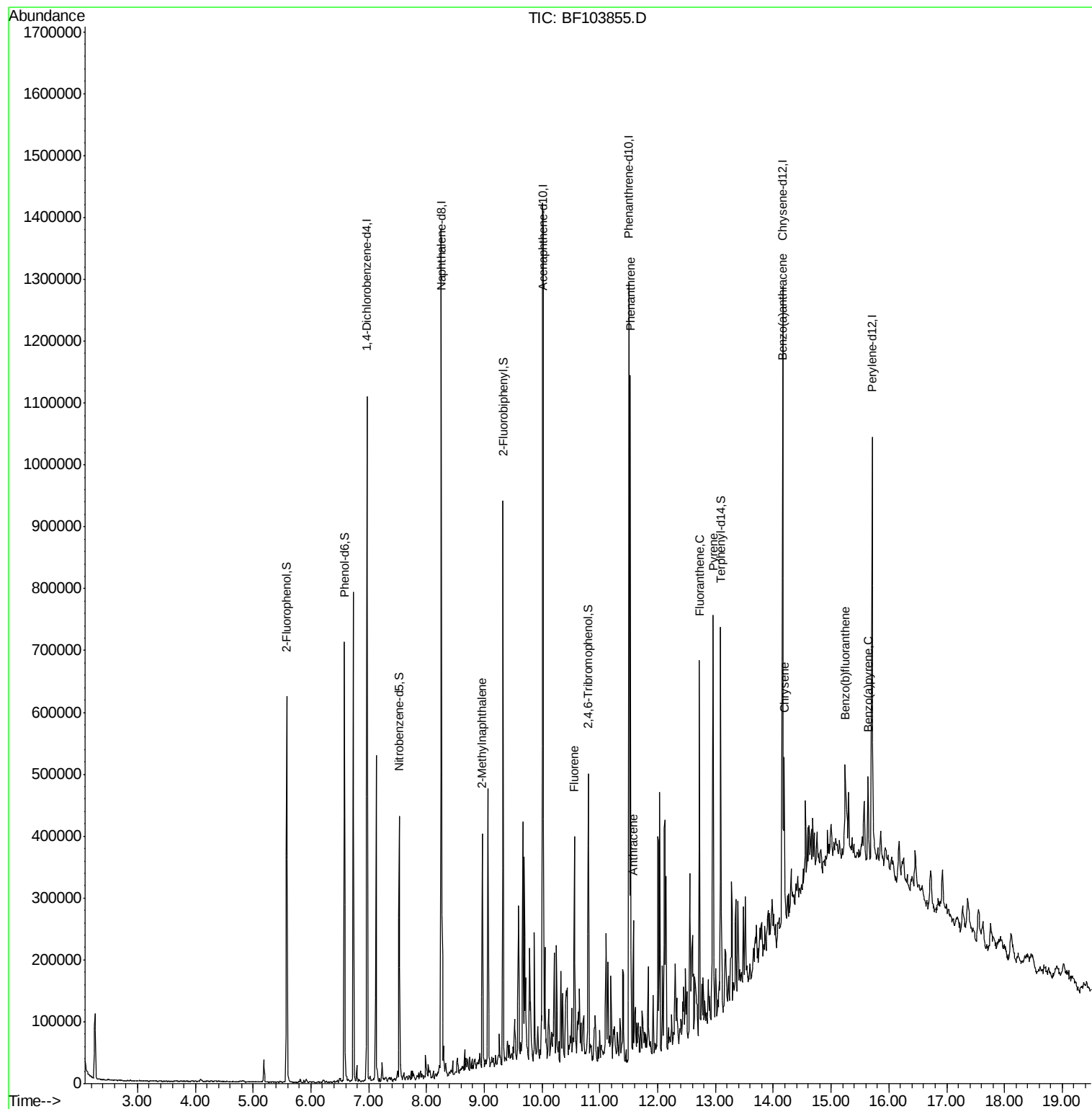
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Data File : BF103855.D
Acq On : 22 Mar 2018 16:46
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Sample : J1756-07 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

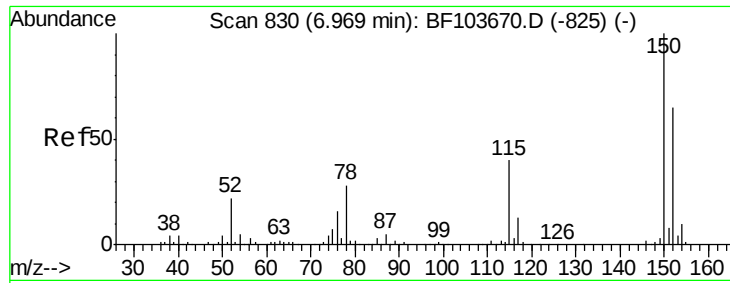
Instrument :
BNA_F
ClientSampleId :
OR-03-032018-A

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Quant Time: Mar 23 01:05:46 2018
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031518.M
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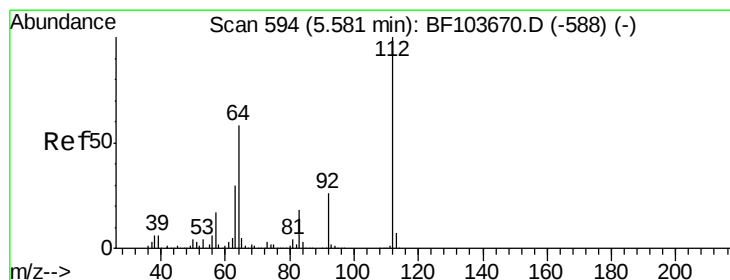
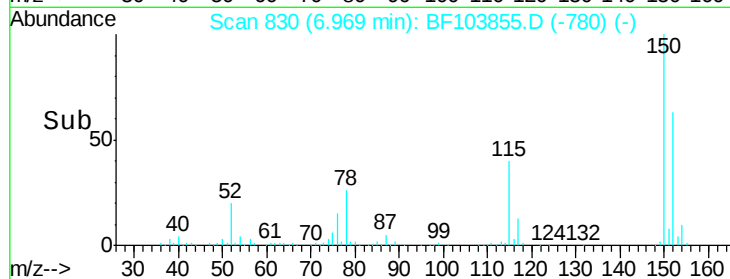
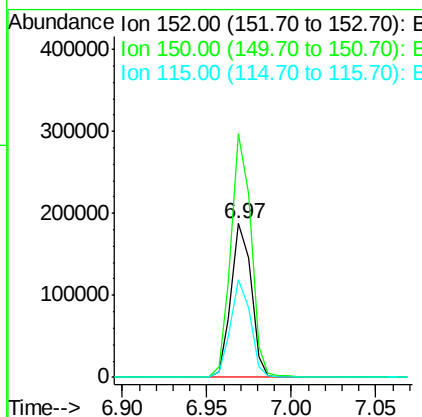
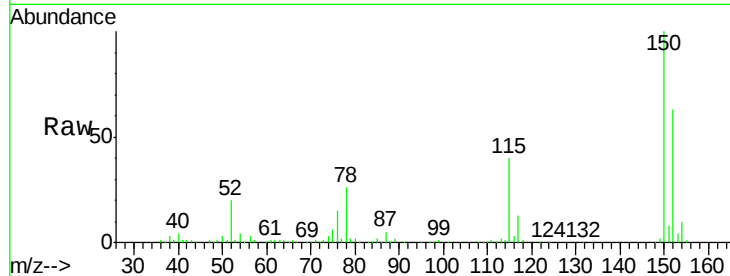
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.97 min Scan# 830
 Delta R.T. -0.01 min
 Lab File: BF103855.D
 Acq: 22 Mar 2018 16:46

Instrument :
 BNA_F
 ClientSampleId :
 OR-03-032018-A

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	156598		
150	158.4	124.6	186.8	
115	63.9	50.1	75.1	

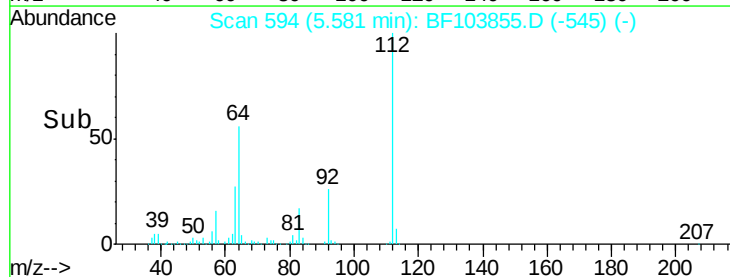
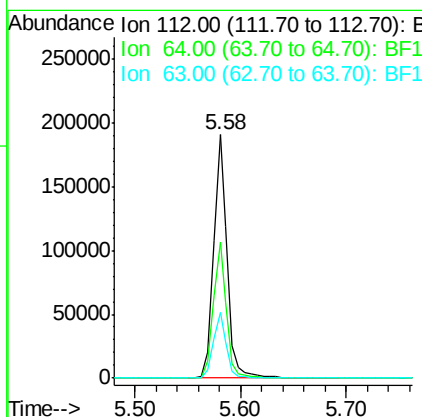
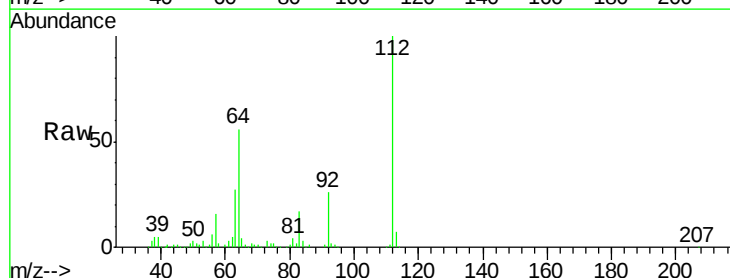
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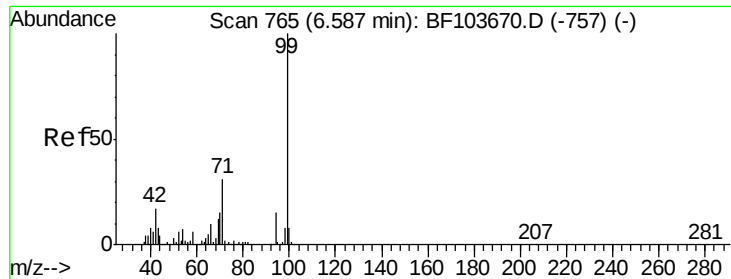
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#5
 2-Fluorophenol
 Concen: 16.786 ng
 RT: 5.58 min Scan# 594
 Delta R.T. -0.01 min
 Lab File: BF103855.D
 Acq: 22 Mar 2018 16:46

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	172828		
64	56.0	47.9	71.9	
63	27.2	23.7	35.5	





#7

Phenol-d6

Concen: 17.417 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.02 min

Lab File: BF103855.D

Acq: 22 Mar 2018 16:46

Instrument :

BNA_F

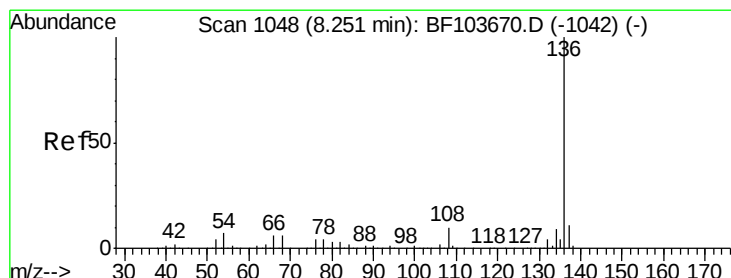
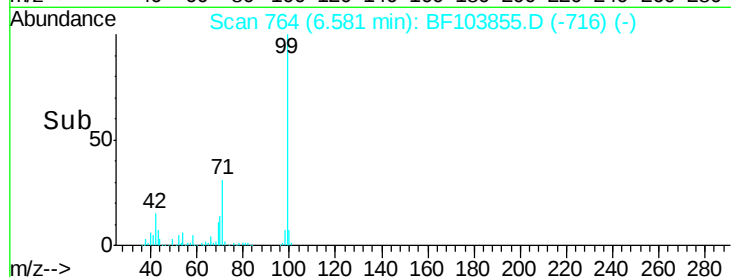
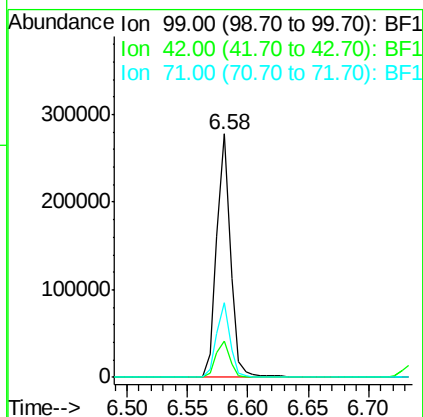
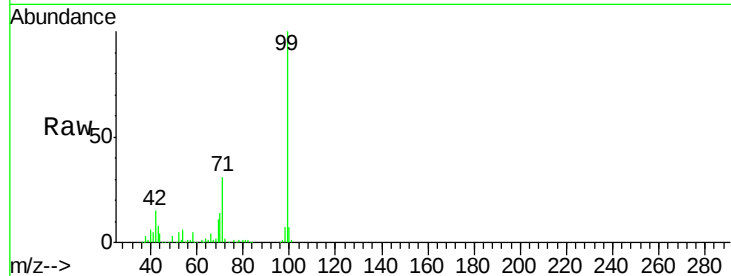
ClientSampleId :

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Tgt Ion:	99	Resp:	219392
Ion	Ratio	Lower	Upper
99	100		
42	14.8	14.5	21.7
71	30.6	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

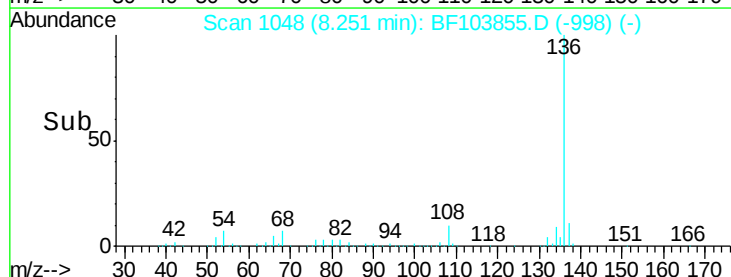
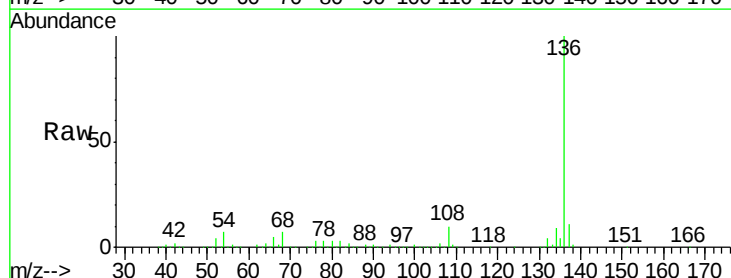
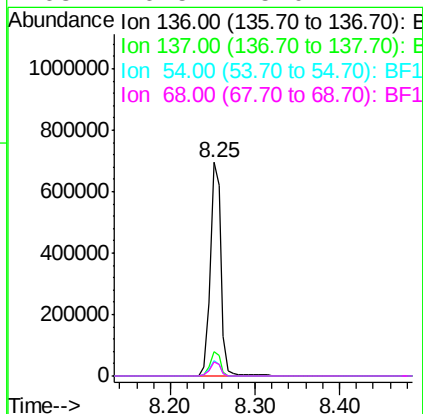
RT: 8.25 min Scan# 1048

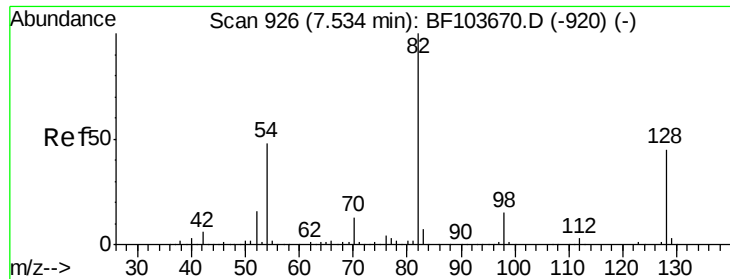
Delta R.T. -0.01 min

Lab File: BF103855.D

Acq: 22 Mar 2018 16:46

Tgt Ion:	136	Resp:	629873
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	7.4	6.6	9.8
68	6.5	5.0	7.4





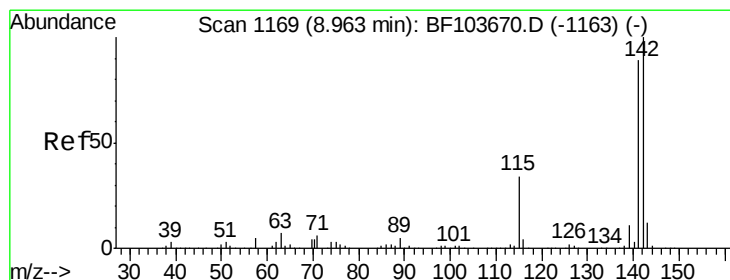
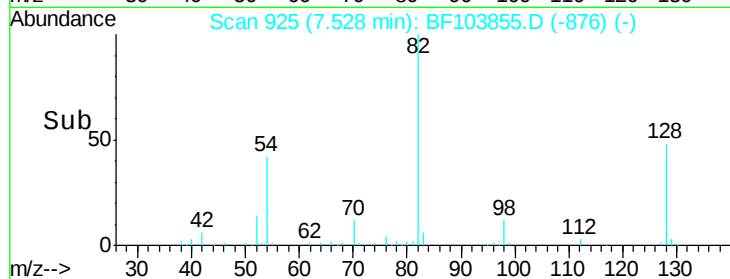
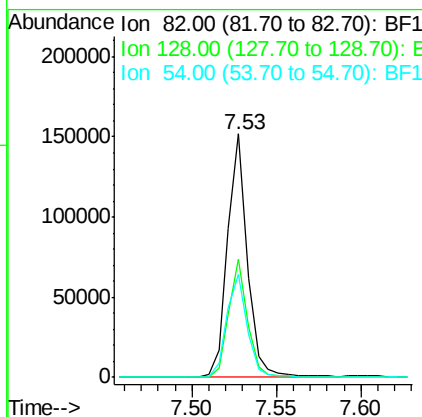
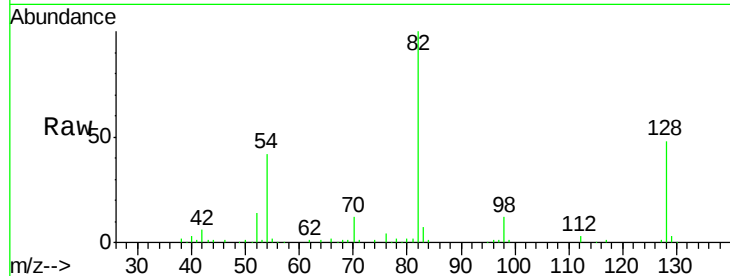
#23
 Nitrobenzene-d5
 Concen: 13.720 ng
 RT: 7.53 min Scan# 925
 Delta R.T. -0.01 min
 Lab File: BF103855.D
 Acq: 22 Mar 2018 16:46

Instrument :
 BNA_F
 ClientSampleId :
 OR-03-032018-A

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	123927		
128	48.4	36.1	54.1	
54	42.4	41.4	62.2	

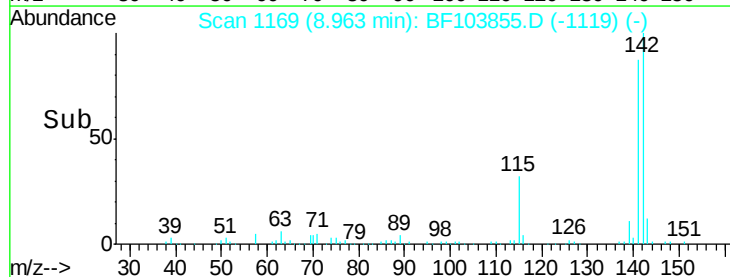
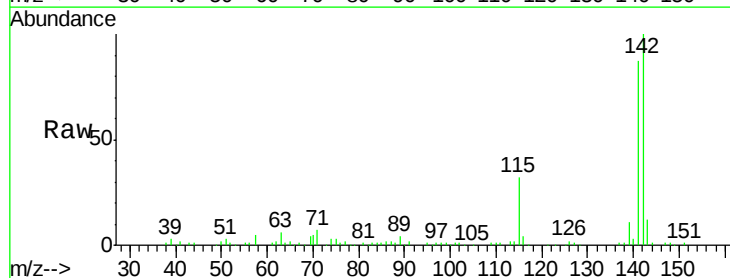
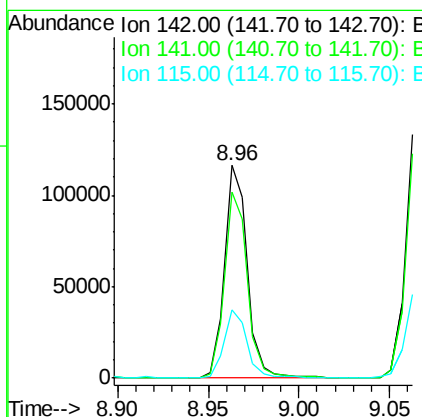
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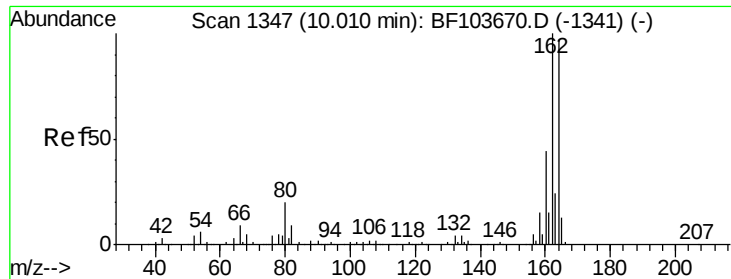
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#37
 2-Methylnaphthalene
 Concen: 5.033 ng
 RT: 8.96 min Scan# 1169
 Delta R.T. -0.01 min
 Lab File: BF103855.D
 Acq: 22 Mar 2018 16:46

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	101561		
141	87.2	70.8	106.2	
115	32.1	26.1	39.1	





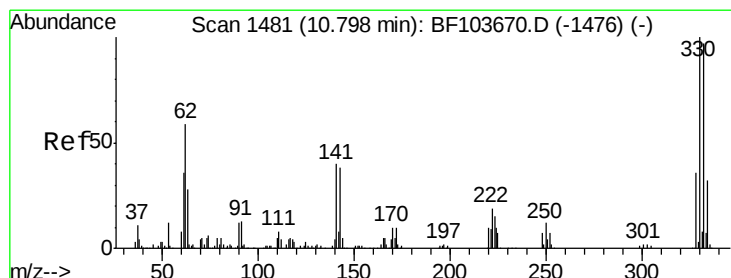
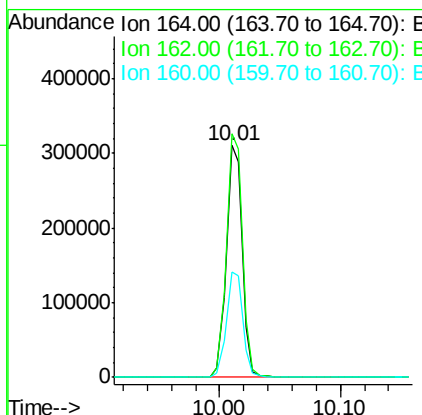
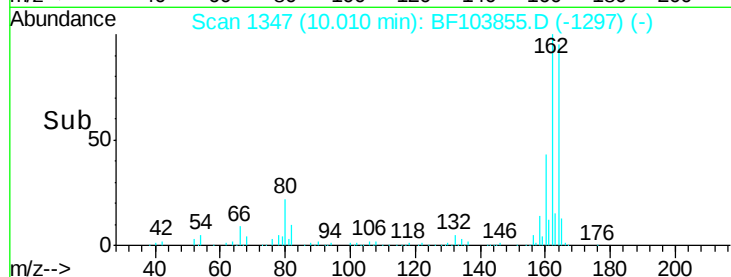
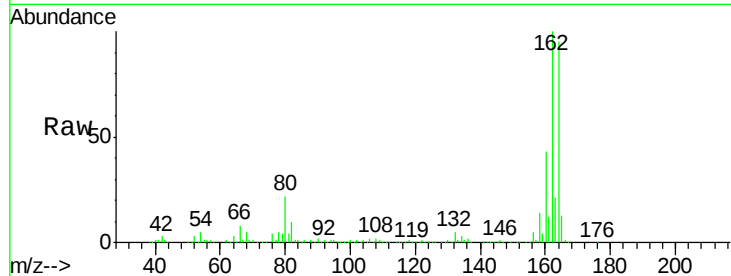
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.01 min
Lab File: BF103855.D
Acq: 22 Mar 2018 16:46

Instrument :
BNA_F
ClientSampleId :
OR-03-032018-A

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	283689		
162	105.1	86.1	129.1	
160	45.5	38.3	57.5	

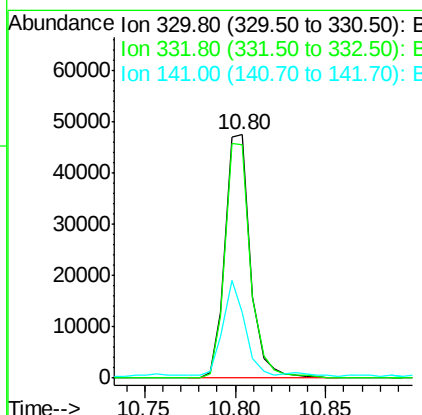
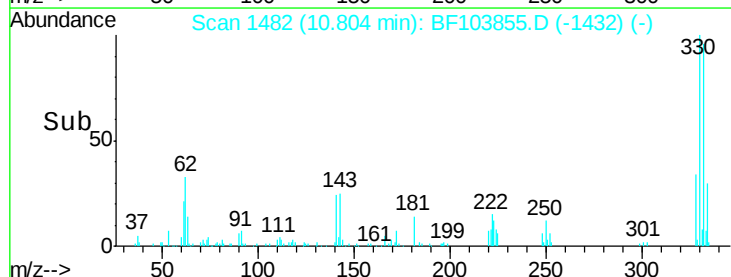
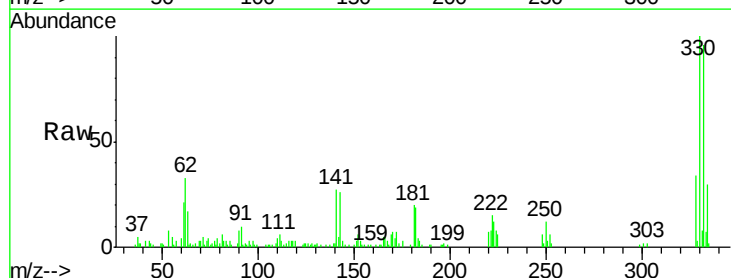
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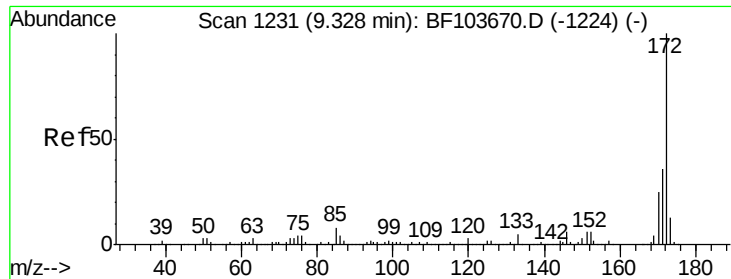
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#41
2,4,6-Tribromophenol
Concen: 19.097 ng
RT: 10.80 min Scan# 1482
Delta R.T. -0.01 min
Lab File: BF103855.D
Acq: 22 Mar 2018 16:46

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	46581		
332	96.9	77.0	115.6	
141	33.4	29.9	44.9	





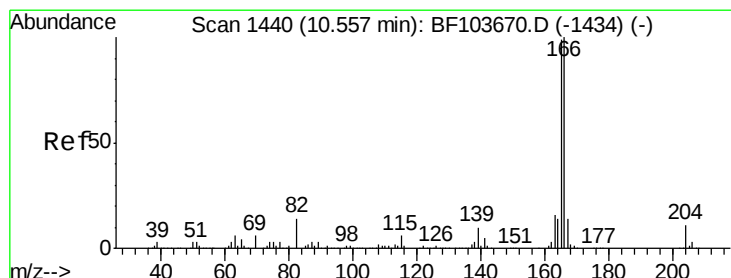
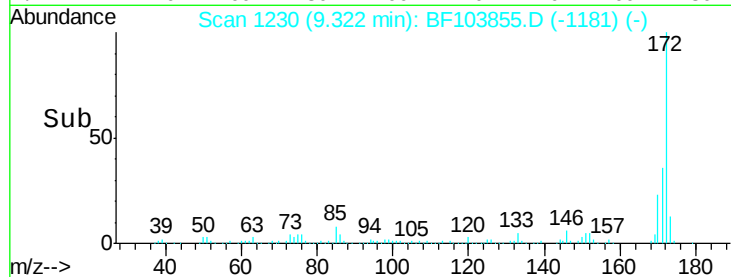
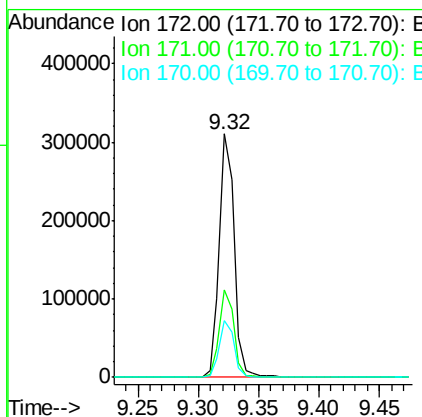
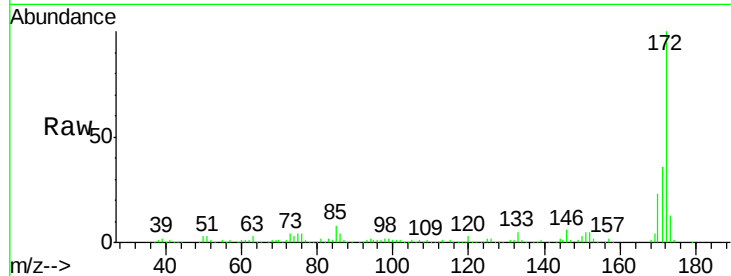
#44
 2-Fluorobiphenyl
 Concen: 14.858 ng
 RT: 9.32 min Scan# 1230
 Delta R.T. -0.01 min
 Lab File: BF103855.D
 Acq: 22 Mar 2018 16:46

Instrument :
 BNA_F
 ClientSampleId :
 OR-03-032018-A

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	264247		
171	35.8	29.7	44.5	
170	23.3	19.6	29.4	

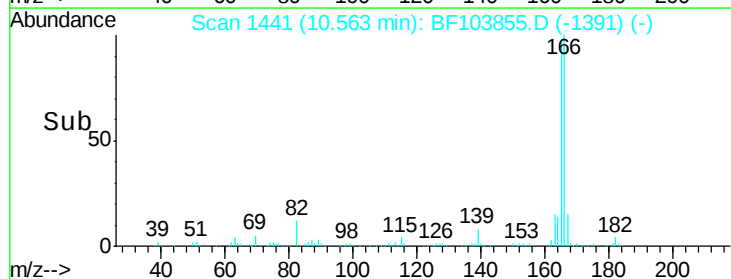
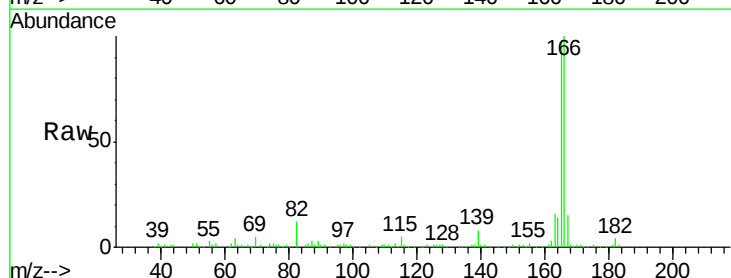
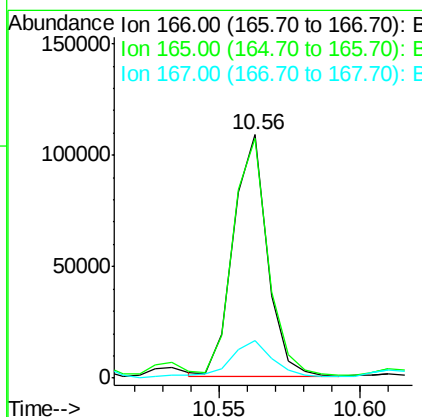
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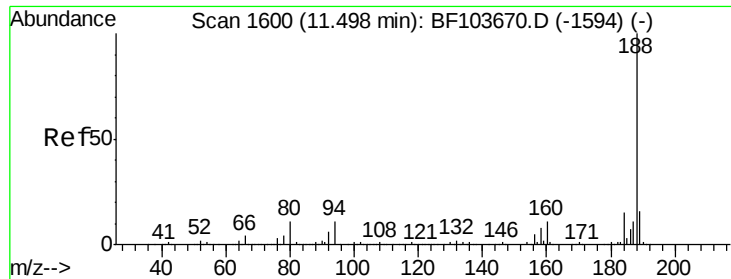
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#57
 Fluorene
 Concen: 4.710 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: BF103855.D
 Acq: 22 Mar 2018 16:46

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	90309		
165	98.4	79.8	119.8	
167	15.2	10.6	16.0	





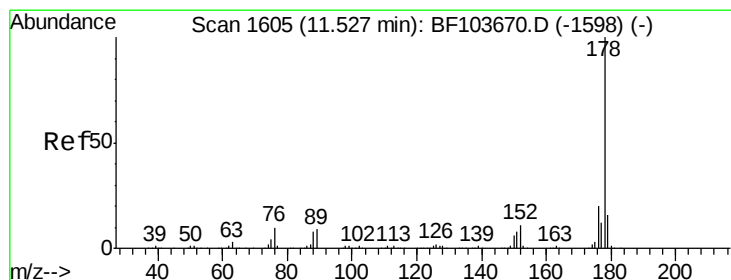
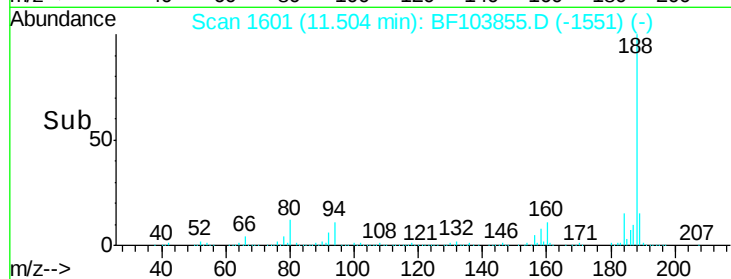
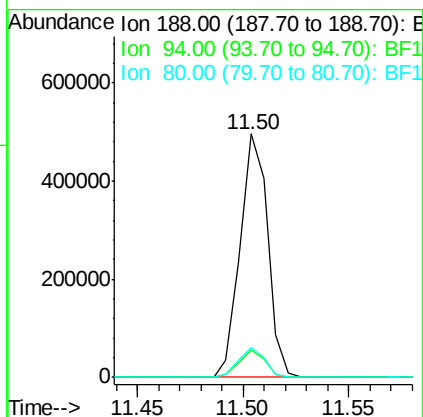
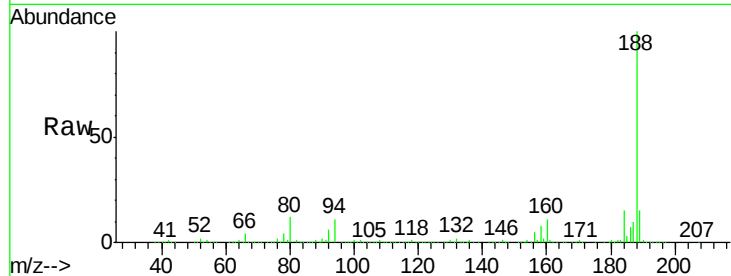
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF103855.D
Acq: 22 Mar 2018 16:46

Instrument :
BNA_F
ClientSampleId :
OR-03-032018-A

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	447581		
94	11.3	8.5	12.7	
80	12.2	9.2	13.8	

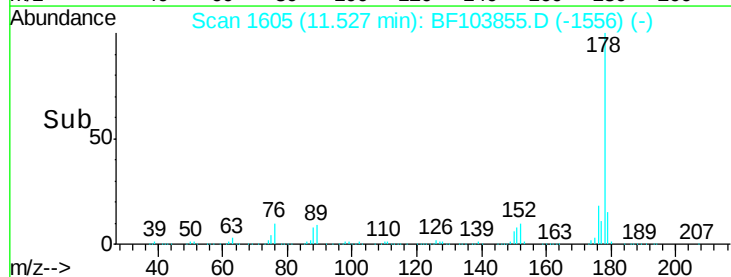
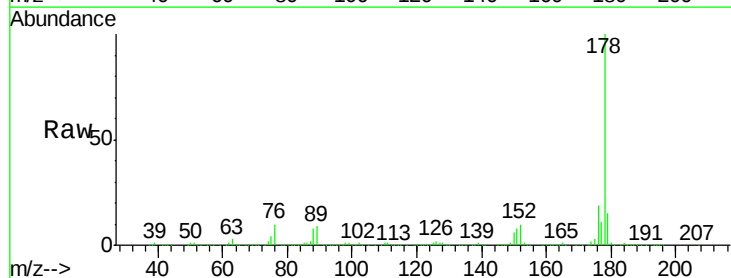
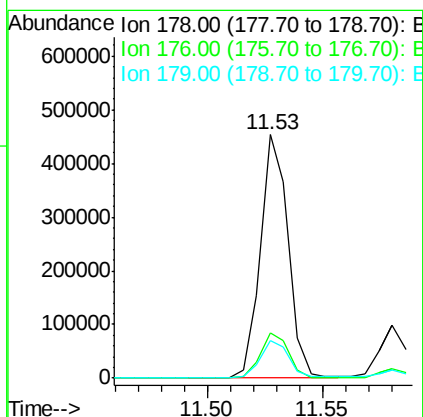
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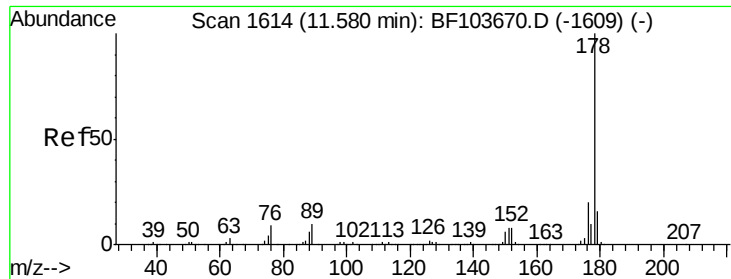
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#70
Phenanthrene
Concen: 15.494 ng
RT: 11.53 min Scan# 1605
Delta R.T. -0.01 min
Lab File: BF103855.D
Acq: 22 Mar 2018 16:46

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	379355		
176	18.5	15.8	23.8	
179	15.3	13.0	19.6	





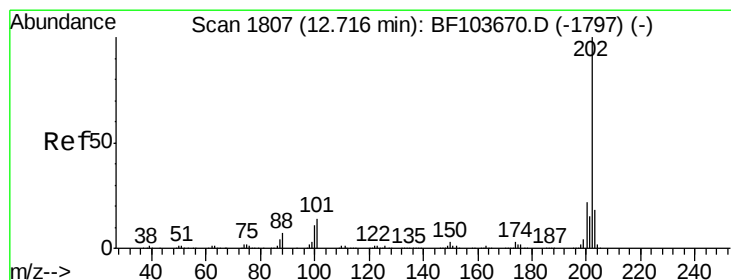
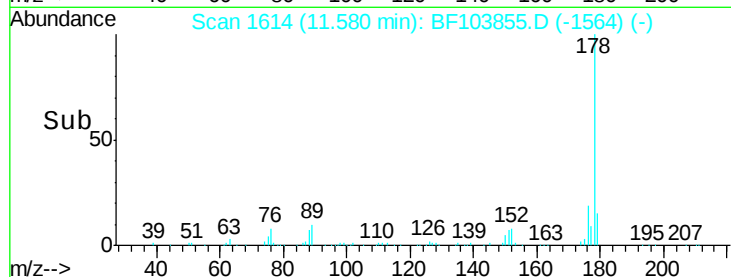
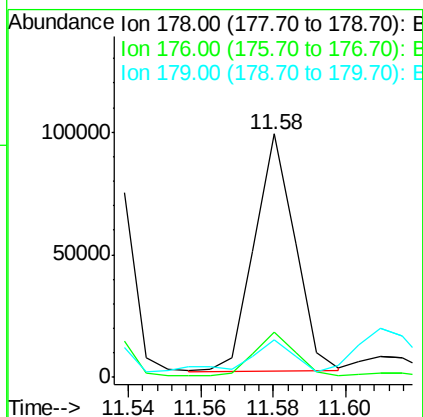
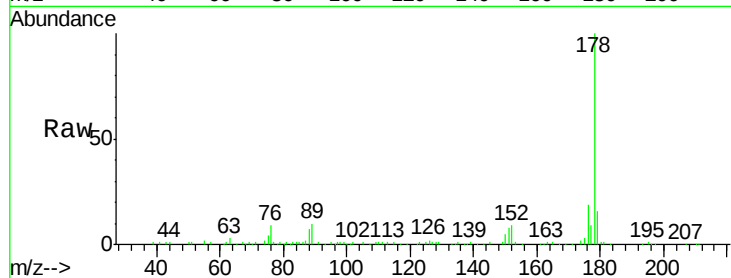
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 Anthracene
 Concen: 3.005 ng
 RT: 11.58 min Scan# 1614
 Delta R.T. -0.01 min
 Lab File: BF103855.D
 Acq: 22 Mar 2018 16:46

Instrument :
 BNA_F
 ClientSampleId :
 OR-03-032018-A

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.4	23.2
179	15.6	12.6	19.0

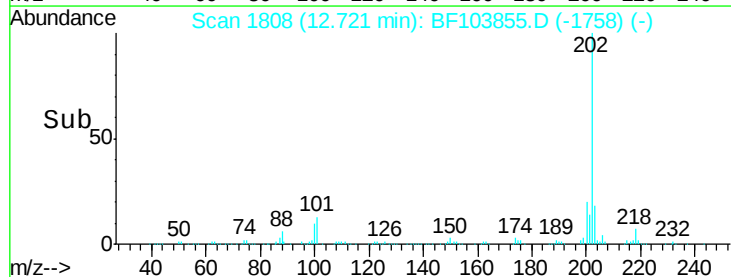
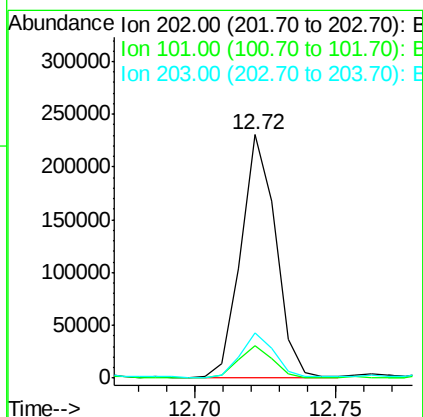
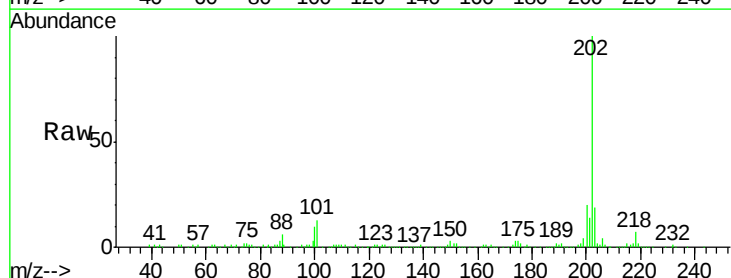
Manual Integrations
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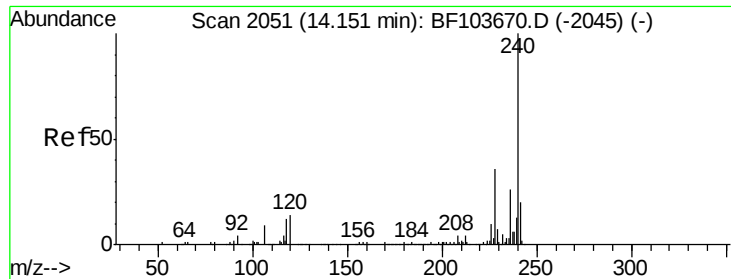
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#74
 Fluoranthene
 Concen: 7.811 ng
 RT: 12.72 min Scan# 1808
 Delta R.T. -0.01 min
 Lab File: BF103855.D
 Acq: 22 Mar 2018 16:46

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.4	0.0	34.1
203	18.5	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.16 min Scan# 2053

Delta R.T. -0.00 min

Lab File: BF103855.D

Acq: 22 Mar 2018 16:46

Instrument :

BNA_F

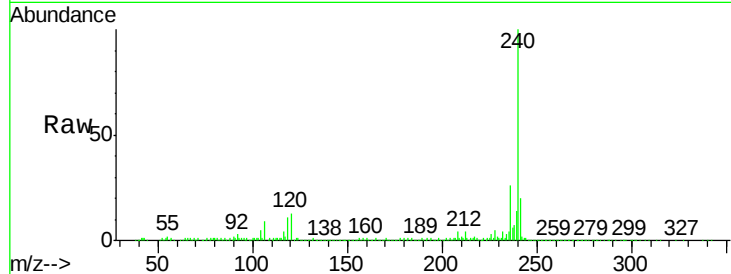
ClientSampleId :

OR-03-032018-A

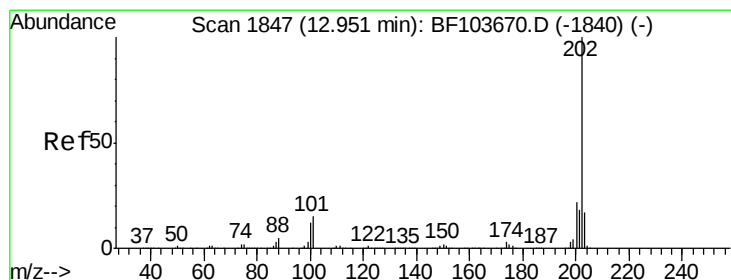
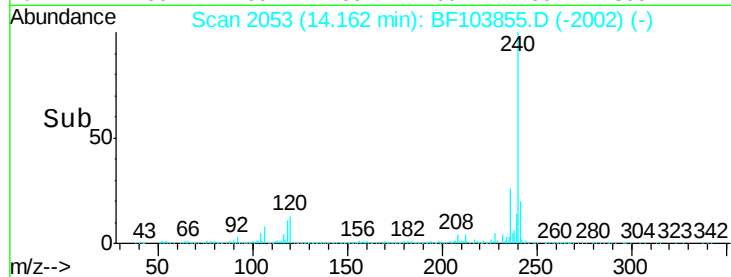
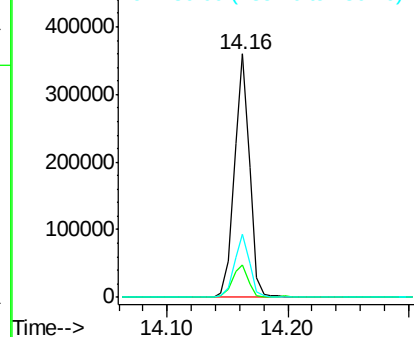
Tgt Ion:	240	Resp:	309695
Ion Ratio	Lower	Upper	
240	100		
120	13.2	9.5	14.3
236	25.7	20.7	31.1

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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

Pyrene

Concen: 11.345 ng

RT: 12.96 min Scan# 1848

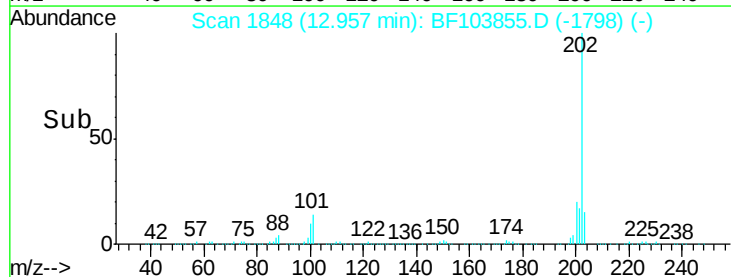
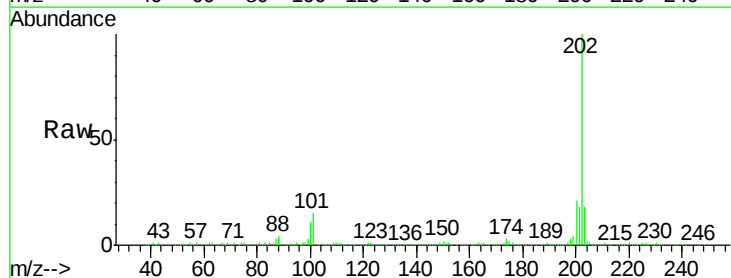
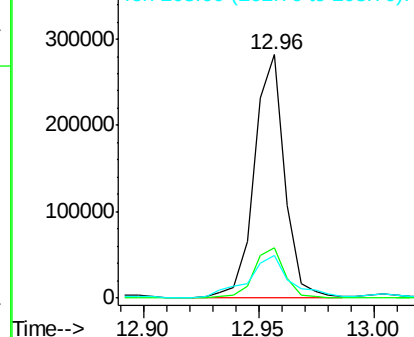
Delta R.T. -0.01 min

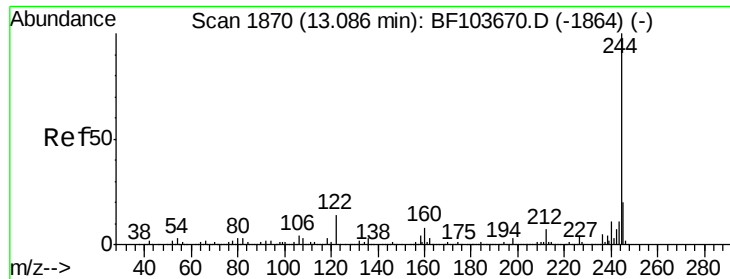
Lab File: BF103855.D

Acq: 22 Mar 2018 16:46

Tgt Ion:	202	Resp:	258018
Ion Ratio	Lower	Upper	
202	100		
200	20.5	17.4	26.2
203	17.7	14.3	21.5

Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 14.814 ng

RT: 13.09 min Scan# 1870

Delta R.T. -0.01 min

Lab File: BF103855.D

Acq: 22 Mar 2018 16:46

Instrument :

BNA_F

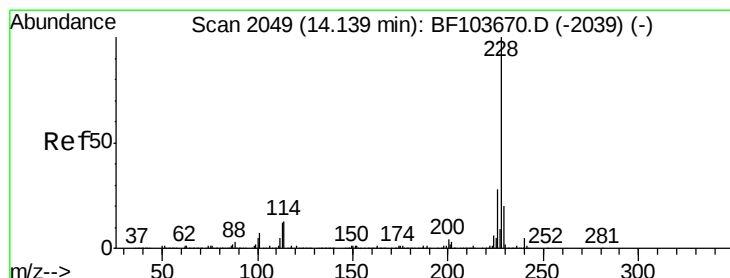
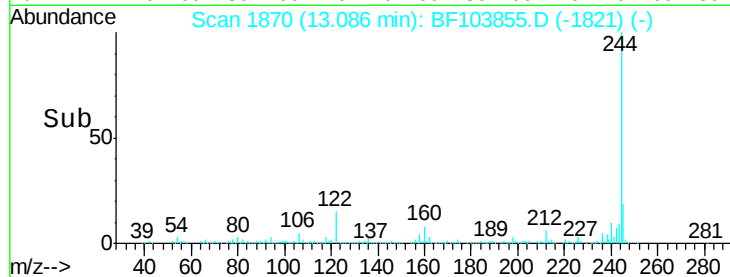
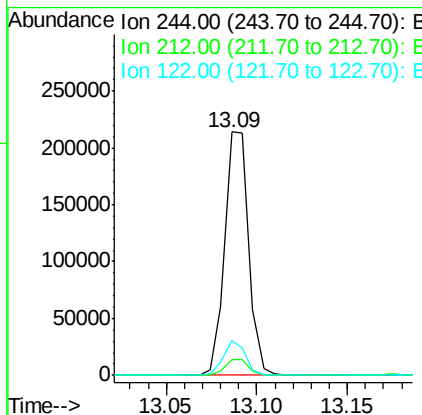
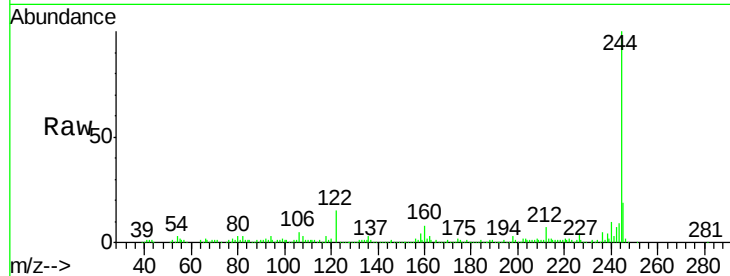
ClientSampleId :

OR-03-032018-A

Tgt Ion:	244	Resp:	197659
Ion Ratio		Lower	Upper
244	100		
212	6.6	5.4	8.0
122	14.6	11.0	16.4

Manual Integrations
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#80

Benzo(a)anthracene

Concen: 5.043 ng

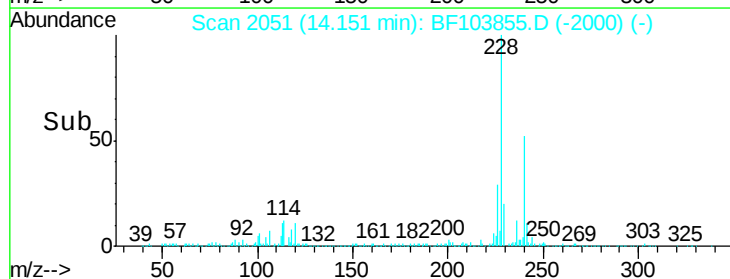
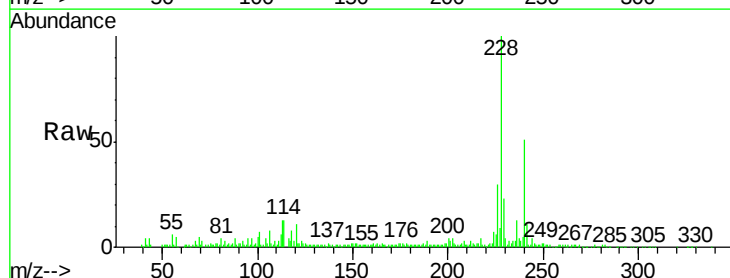
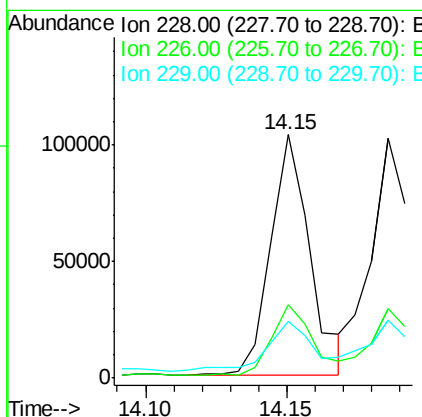
RT: 14.15 min Scan# 2051

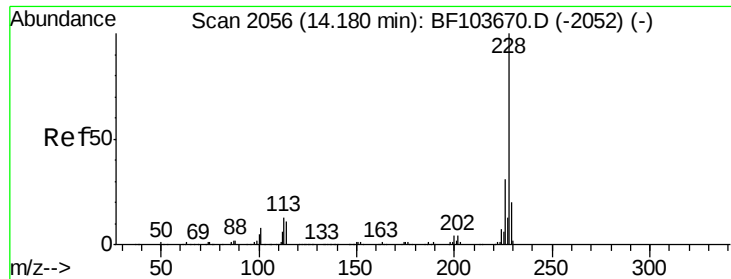
Delta R.T. -0.00 min

Lab File: BF103855.D

Acq: 22 Mar 2018 16:46

Tgt Ion:	228	Resp:	98857
Ion Ratio		Lower	Upper
228	100		
226	30.2	22.6	33.8
229	23.1	15.8	23.6





#82

Chrysene

Concen: 5.214 ng m

RT: 14.19 min Scan# 2057

Delta R.T. -0.01 min

Lab File: BF103855.D

Acq: 22 Mar 2018 16:46

Instrument :

BNA_F

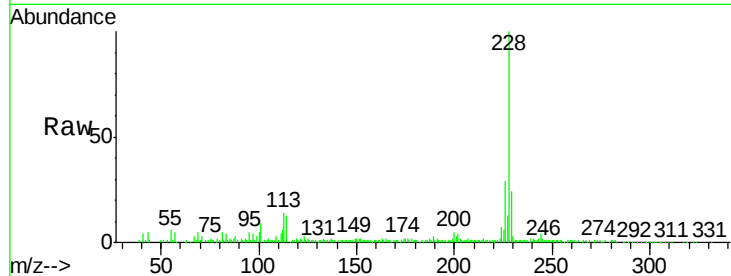
ClientSampleId :

OR-03-032018-A

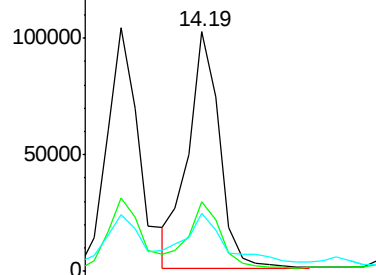
Tgt Ion:	228	Resp:	97434
Ion Ratio	Lower	Upper	
228	100		
226	29.2	25.0	37.6
229	24.5	16.2	24.4#

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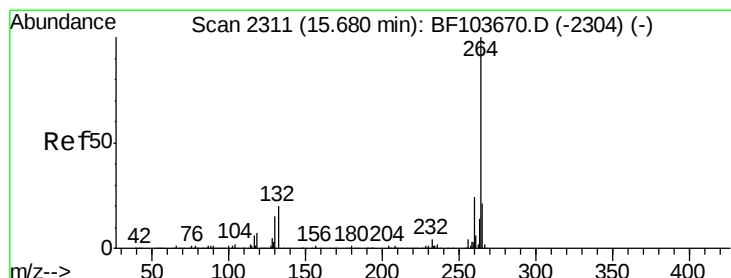
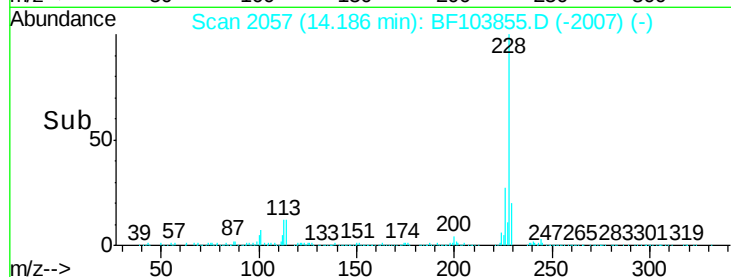
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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



Time-->



#86

Perylene-d12

Concen: 20.000 ng

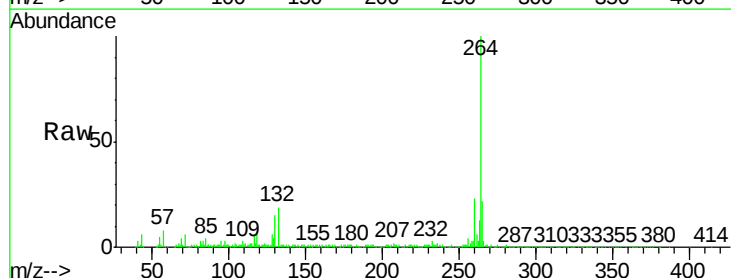
RT: 15.71 min Scan# 2316

Delta R.T. 0.01 min

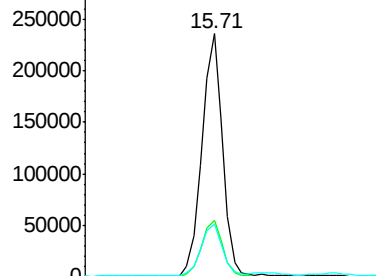
Lab File: BF103855.D

Acq: 22 Mar 2018 16:46

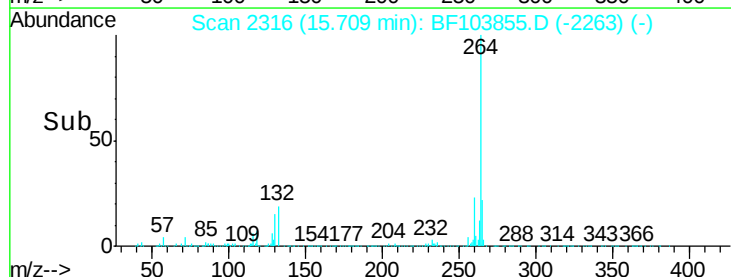
Tgt Ion:	264	Resp:	290863
Ion Ratio	Lower	Upper	
264	100		
260	23.1	19.2	28.8
265	22.0	17.5	26.3

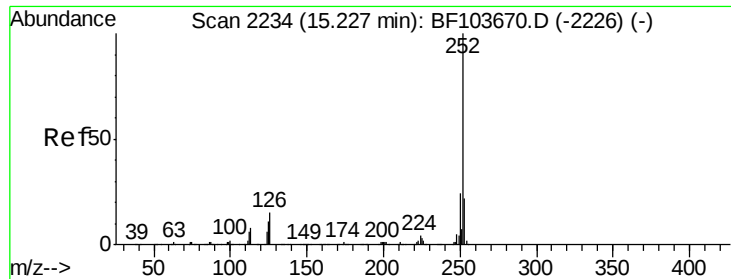


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



Time-->





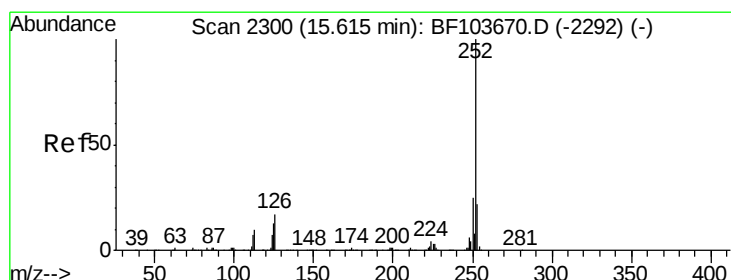
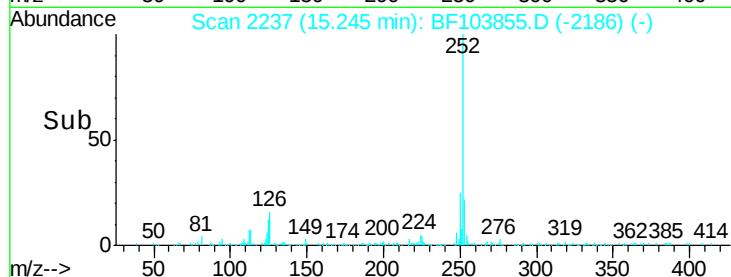
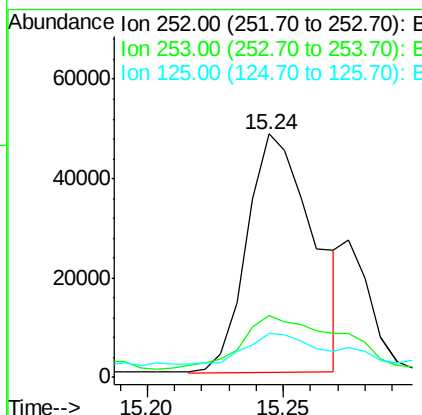
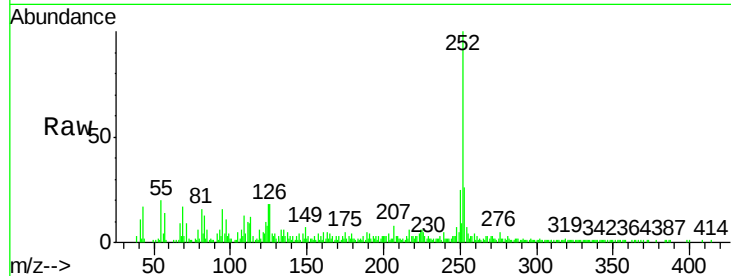
#87
Benzo(b)fluoranthene
Concen: 4.441 ng m
RT: 15.24 min Scan# 2237
Delta R.T. -0.00 min
Lab File: BF103855.D
Acq: 22 Mar 2018 16:46

Instrument :
BNA_F
ClientSampleId :
OR-03-032018-A

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.6	17.0	25.6#
125	18.0	9.0	13.6#

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#89
Benzo(a)pyrene
Concen: 4.111 ng
RT: 15.64 min Scan# 2304
Delta R.T. 0.01 min
Lab File: BF103855.D
Acq: 22 Mar 2018 16:46

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.2	17.1	25.7
125	17.6	9.8	14.6#

