

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF031618\
 Data File : BF103705.D
 Acq On : 16 Mar 2018 19:19
 Operator : JU/SJ
 Sample : J1757-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-01-031418-C

Manual Integrations
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 3/19/2018 2:01:06 PM

Quant Time: Mar 17 02:11:19 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 15 18:31:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	172282	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	695708	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	304140	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	470575	20.00	ng	0.00
75) Chrysene-d12	14.15	240	319902	20.00	ng	0.00
86) Perylene-d12	15.68	264	284398	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	926677	81.81	ng	0.00
7) Phenol-d6	6.59	99	1147386	82.80	ng	0.00
23) Nitrobenzene-d5	7.53	82	685236	68.69	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	222782	85.19	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	963364	50.53	ng	0.00
78) Terphenyl-d14	13.09	244	687864	49.91	ng	0.00
Target Compounds						
10) Phenol	6.60	94	74866	5.084	ng	95
49) Dimethylphthalate	9.71	163	90508	3.900	ng	100
70) Phenanthrene	11.52	178	125425	4.872	ng	98
74) Fluoranthene	12.72	202	169670	6.398	ng	99
77) Pyrene	12.95	202	155826	6.633	ng	98
80) Benzo(a)anthracene	14.14	228	75919	3.749	ng	95
82) Chrysene	14.17	228	72944	3.779	ng	97
87) Benzo(b)fluoranthene	15.22	252	89906m	5.004	ng	
89) Benzo(a)pyrene	15.61	252	57977	3.558	ng	# 84
91) Benzo(g,h,i)perylene	17.72	276	29519	2.150	ng	# 92

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

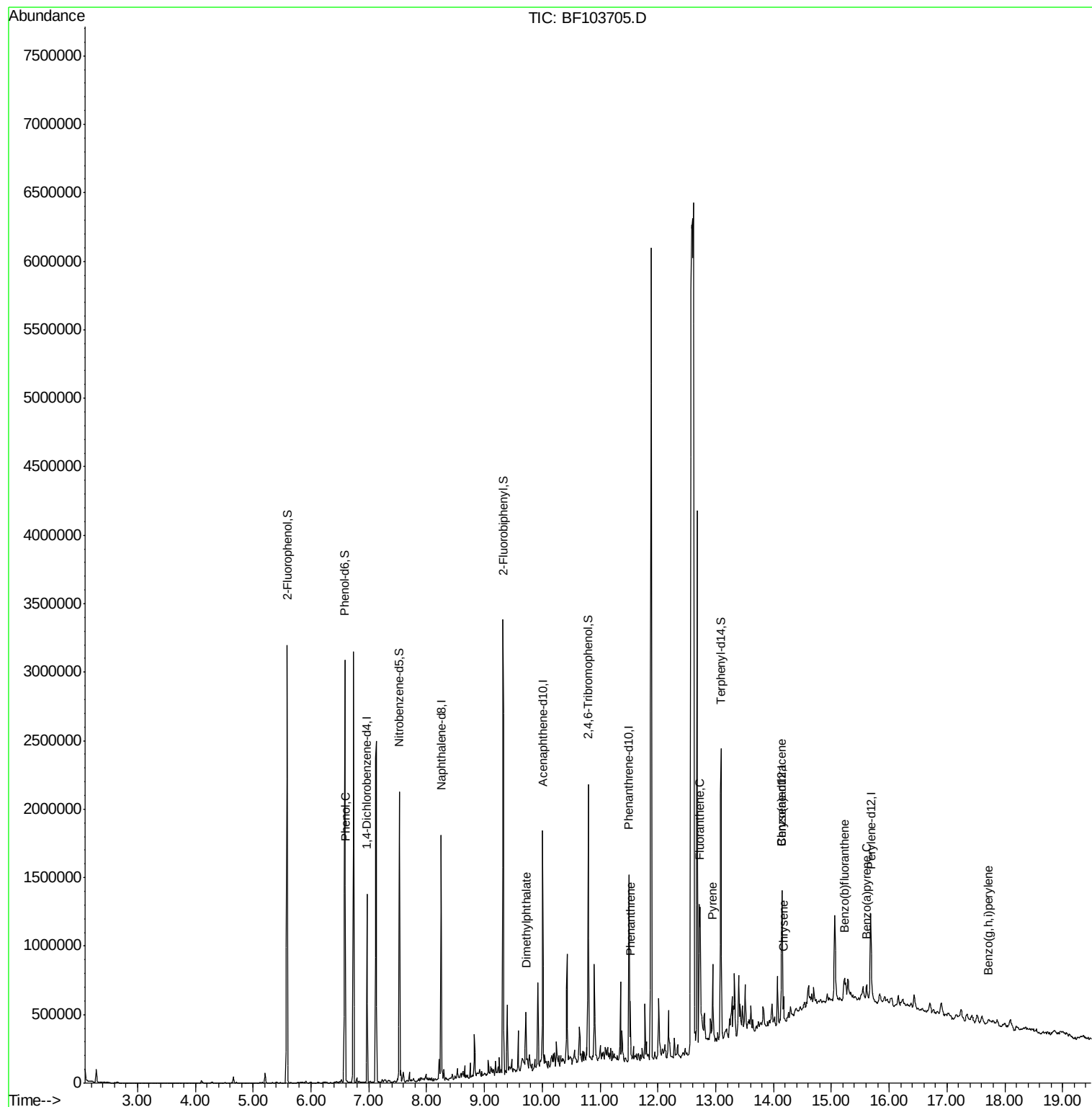
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF031618\
Data File : BF103705.D
Acq On : 16 Mar 2018 19:19
Operator : JU/SJ
Sample : J1757-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

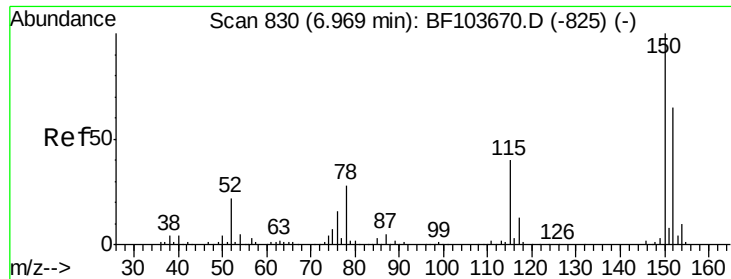
Instrument :
BNA_F
ClientSampleId :
EO-01-031418-C

Manual Integrations
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Quant Time: Mar 17 02:11:19 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1

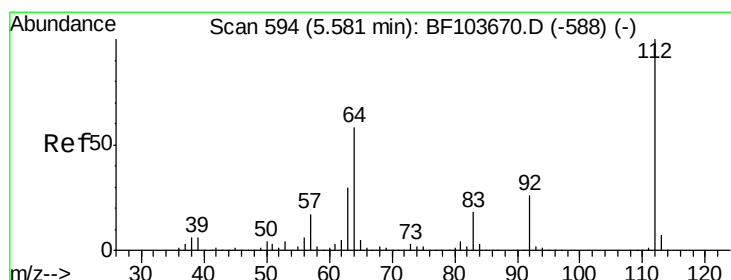
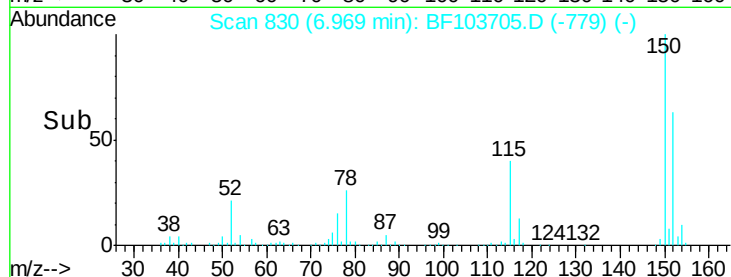
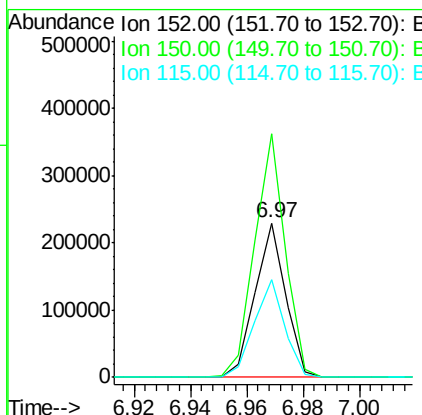
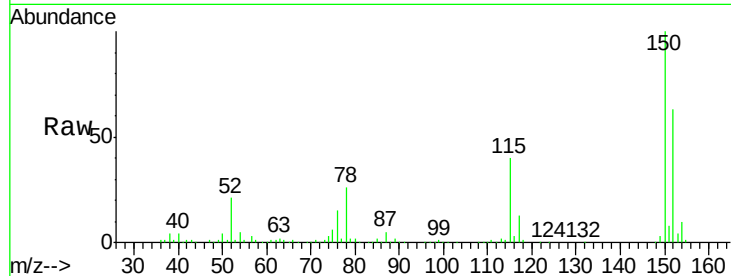
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.00 min
Lab File: BF103705.D
Acq: 16 Mar 2018 19:19

Instrument :
BNA_F
ClientSampleId :
EO-01-031418-C

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.1	124.6	186.8
115	63.3	50.1	75.1

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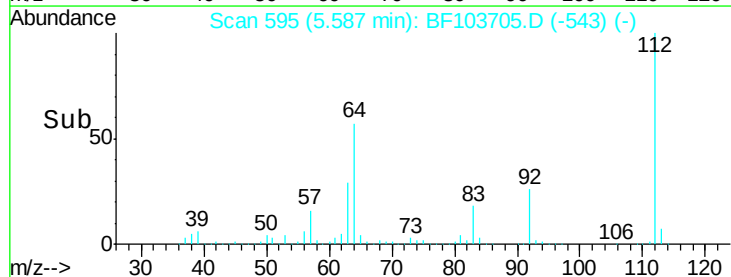
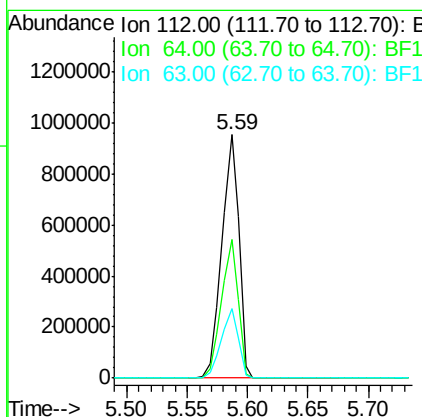
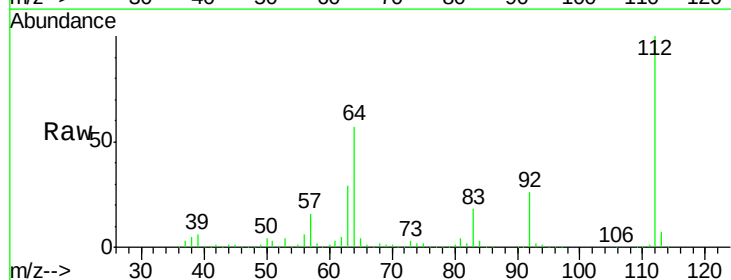
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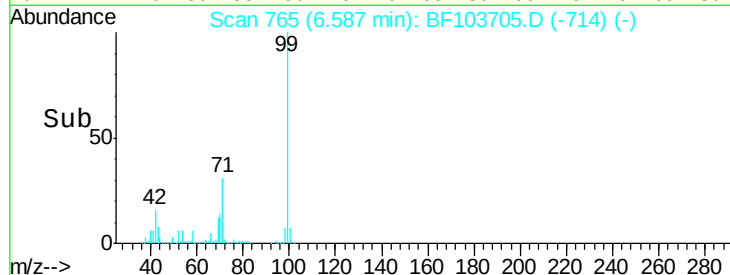
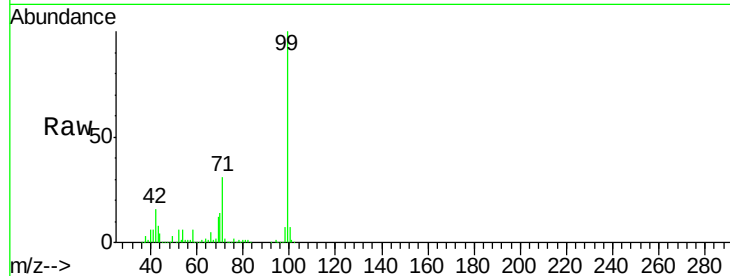
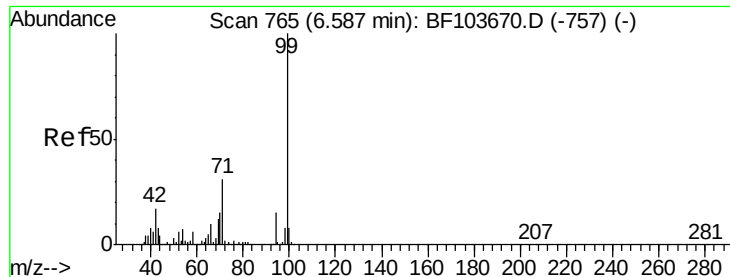


#5

2-Fluorophenol
Concen: 81.812 ng
RT: 5.59 min Scan# 595
Delta R.T. 0.01 min
Lab File: BF103705.D
Acq: 16 Mar 2018 19:19

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.0	47.9	71.9
63	28.7	23.7	35.5





#7

Phenol-d6

Concen: 82.798 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.00 min

Lab File: BF103705.D

Acq: 16 Mar 2018 19:19

Tot Ion:	99	Resp:	1147386
Ion	Ratio	Lower	Upper
99	100		
42	16.0	14.5	21.7
71	31.3	25.4	38.0

Instrument :

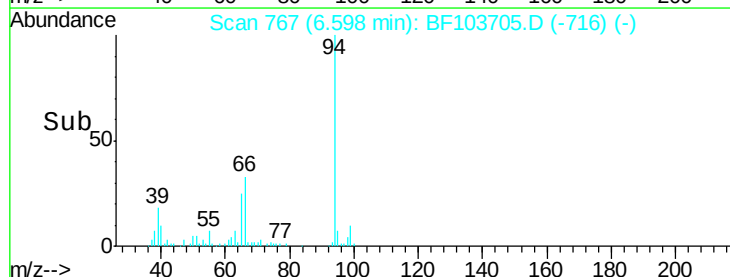
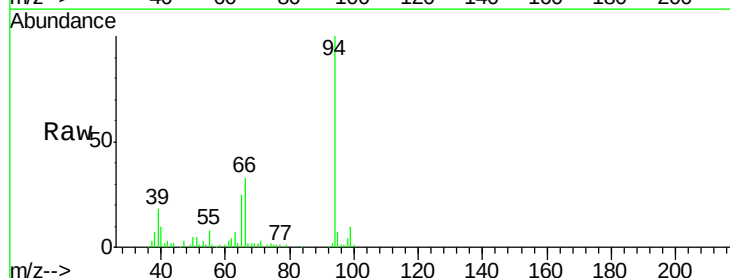
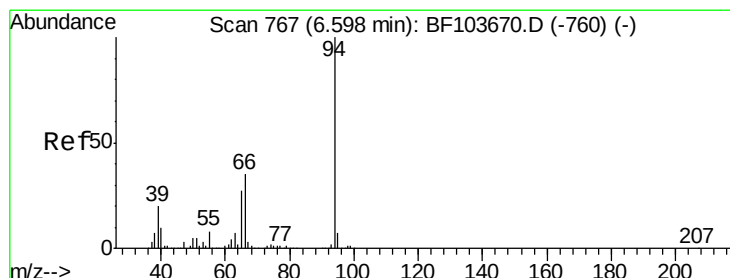
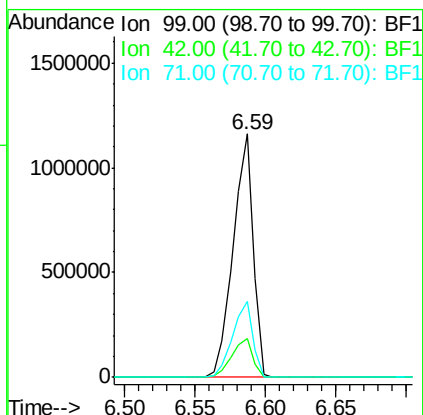
BNA_F

ClientSampleId :

EO-01-031418-C

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#10

Phenol

Concen: 5.084 ng

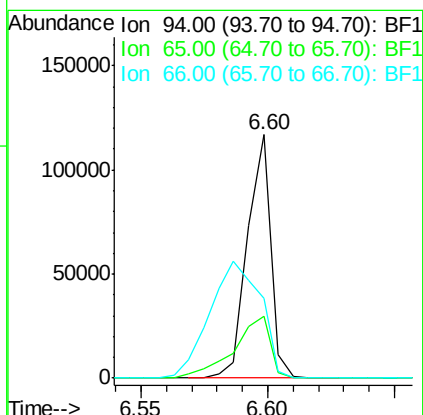
RT: 6.60 min Scan# 767

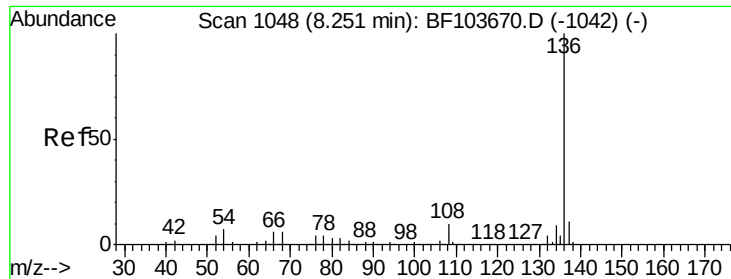
Delta R.T. -0.00 min

Lab File: BF103705.D

Acq: 16 Mar 2018 19:19

Tgt Ion:	94	Resp:	74866
Ion	Ratio	Lower	Upper
94	100		
65	25.4	7.9	47.9
66	33.0	16.2	56.2





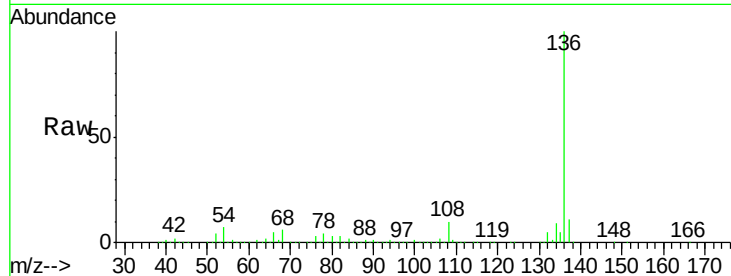
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.00 min
Lab File: BF103705.D
Acq: 16 Mar 2018 19:19

Instrument :
BNA_F
ClientSampleId :
EO-01-031418-C

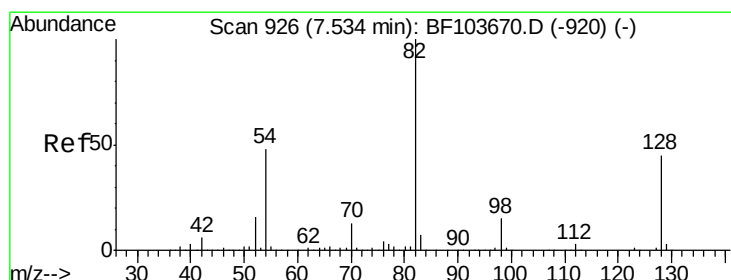
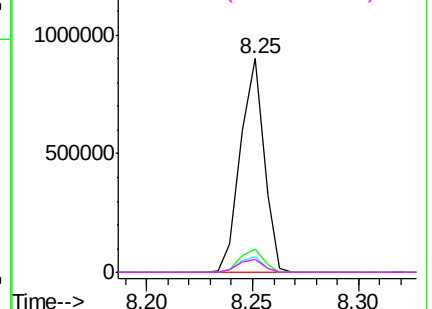
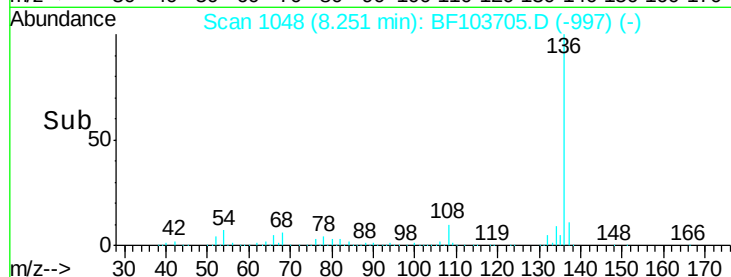
Tot Ion	Ratio	Resp	Lower	Upper
136	100	695708		
137	11.0	8.9	13.3	
54	7.0	6.6	9.8	
68	5.9	5.0	7.4	

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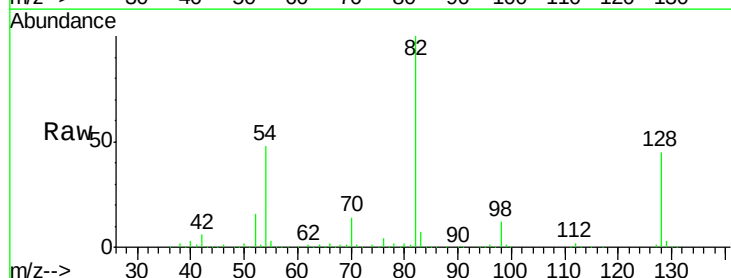


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

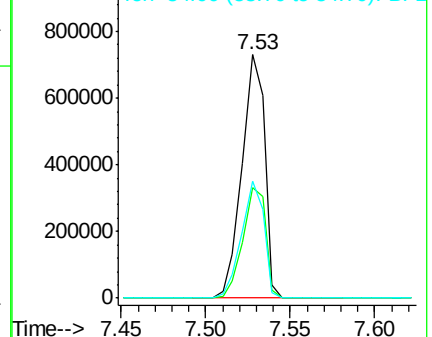
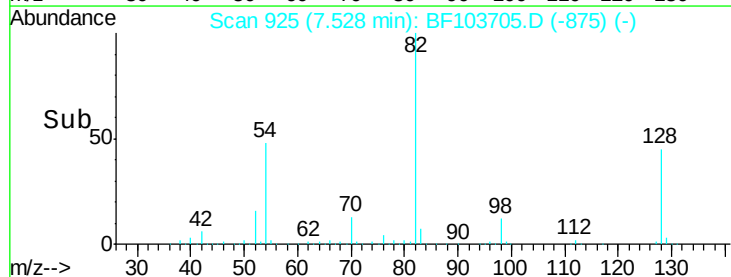


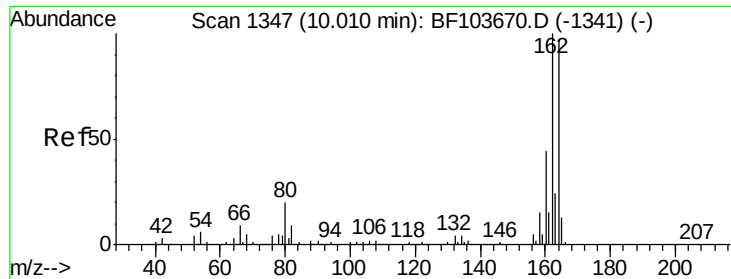
#23
Nitrobenzene-d5
Concen: 68.686 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.01 min
Lab File: BF103705.D
Acq: 16 Mar 2018 19:19

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	685236		
128	45.4	36.1	54.1	
54	47.8	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





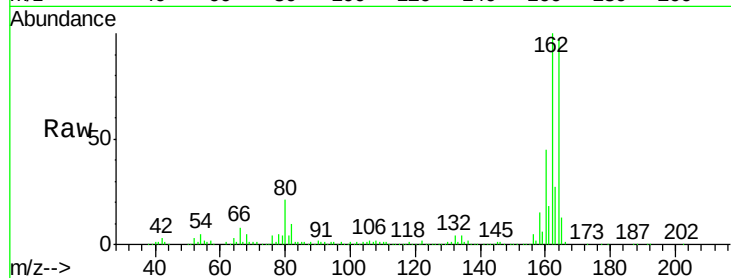
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.00 min
Lab File: BF103705.D
Acq: 16 Mar 2018 19:19

Instrument :
BNA_F
ClientSampleId :
EO-01-031418-C

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.4	86.1	129.1
160	46.9	38.3	57.5

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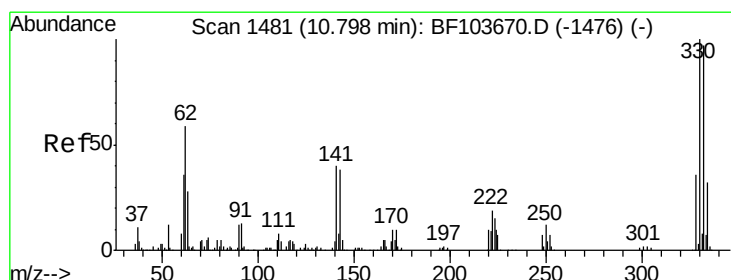
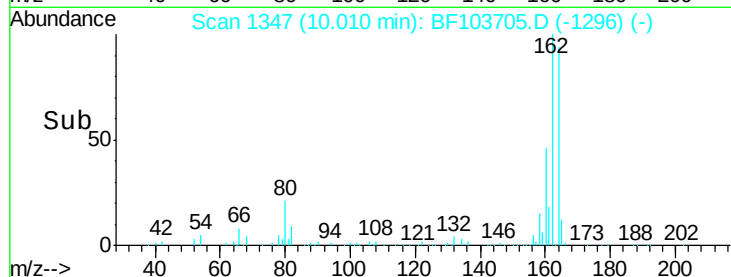
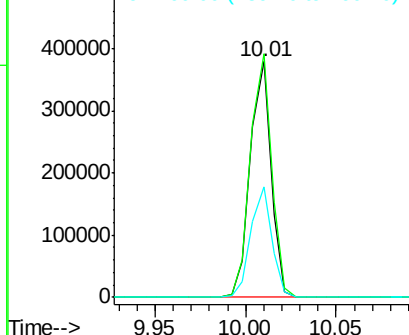


Abundance

Ion 164.00 (163.70 to 164.70): E

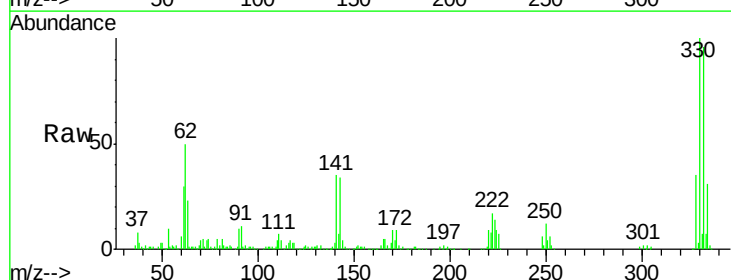
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41
2,4,6-Tribromophenol
Concen: 85.193 ng
RT: 10.80 min Scan# 1481
Delta R.T. -0.00 min
Lab File: BF103705.D
Acq: 16 Mar 2018 19:19

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.0	115.6
141	36.1	29.9	44.9

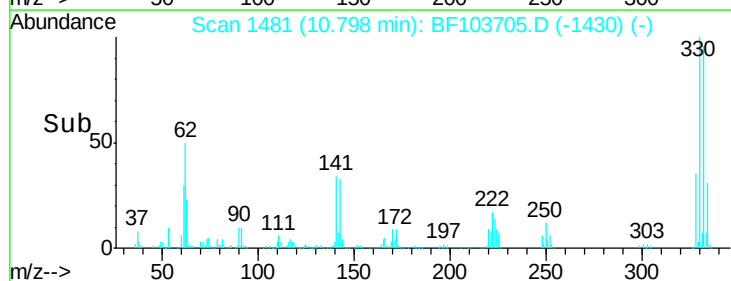
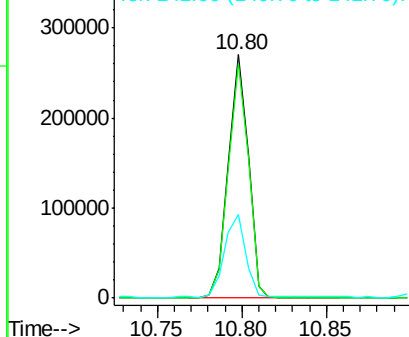


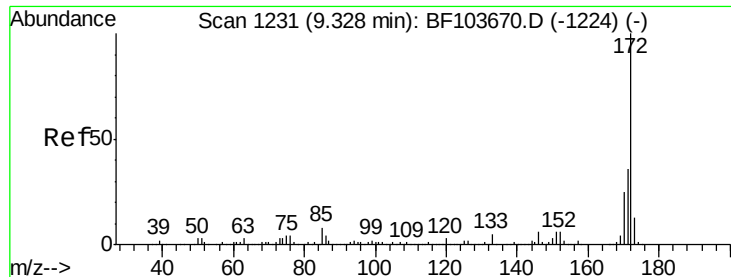
Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





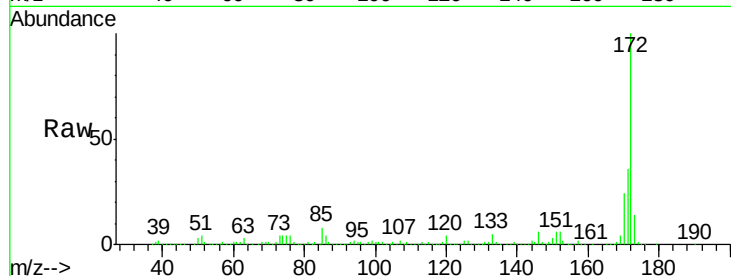
#44
2-Fluorobiphenyl
Concen: 50.526 ng
RT: 9.32 min Scan# 1230
Delta R.T. -0.01 min
Lab File: BF103705.D
Acq: 16 Mar 2018 19:19

Instrument :
BNA_F
ClientSampleId :
EO-01-031418-C

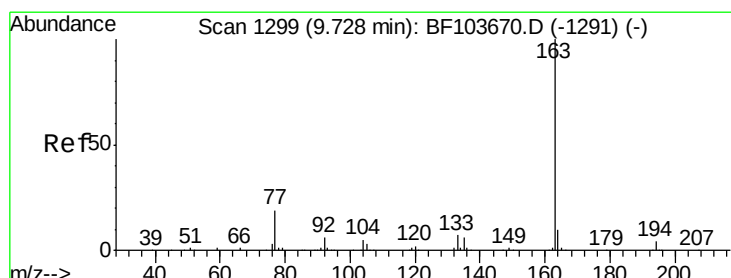
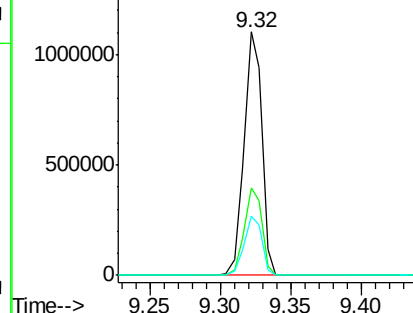
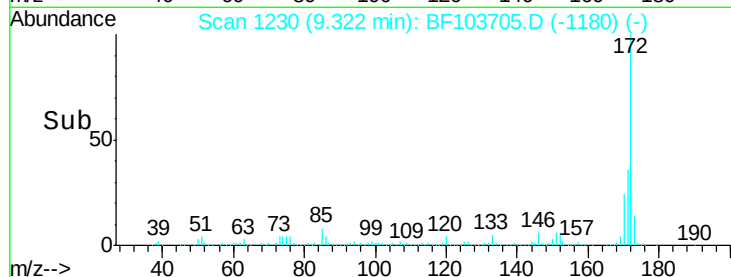
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	24.2	19.6	29.4

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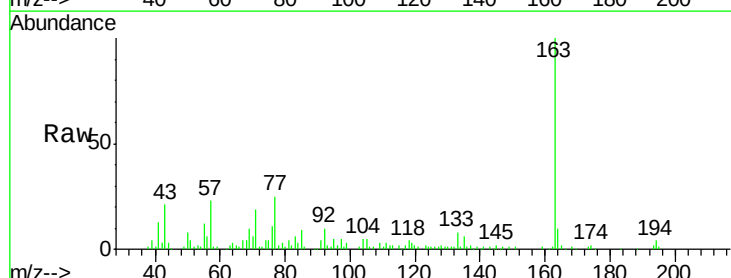


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

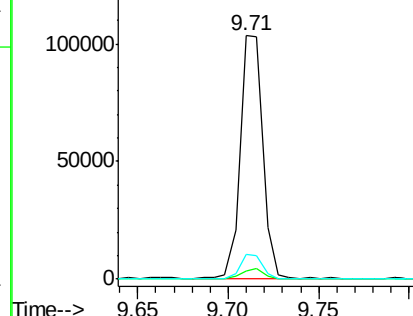
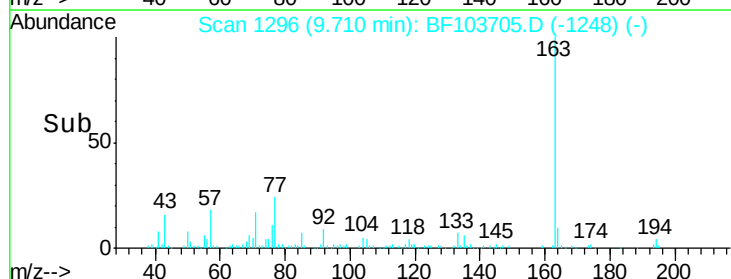


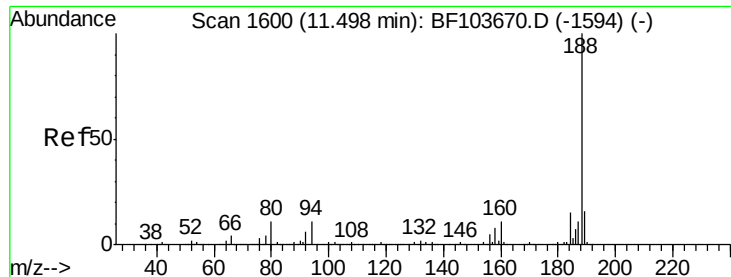
#49
Dimethylphthalate
Concen: 3.900 ng
RT: 9.71 min Scan# 1296
Delta R.T. -0.02 min
Lab File: BF103705.D
Acq: 16 Mar 2018 19:19

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.7	4.1
164	10.2	8.2	12.2



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





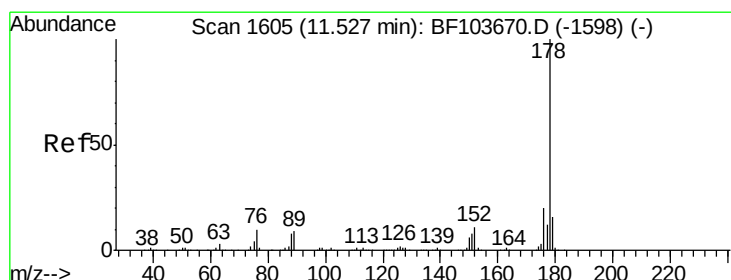
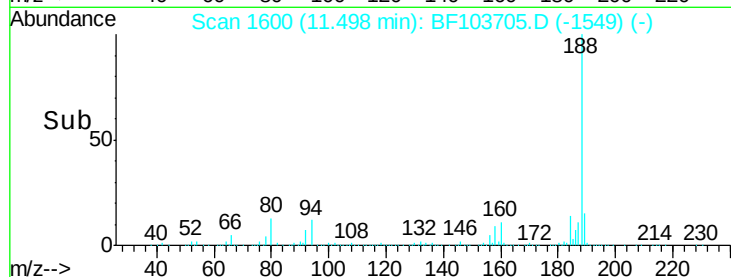
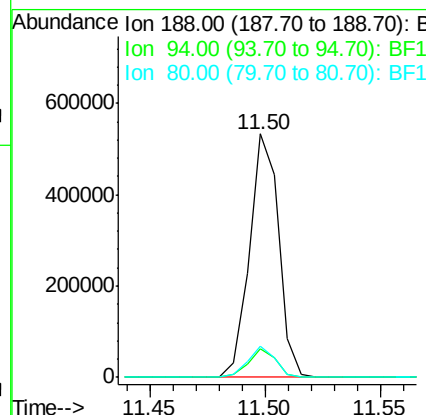
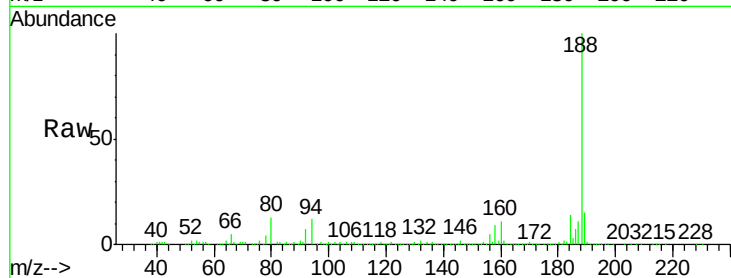
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1600
Delta R.T. -0.00 min
Lab File: BF103705.D
Acq: 16 Mar 2018 19:19

Instrument :
BNA_F
ClientSampleId :
EO-01-031418-C

Tot Ion	Ratio	Lower	Upper
188	100		
94	11.7	8.5	12.7
80	12.8	9.2	13.8

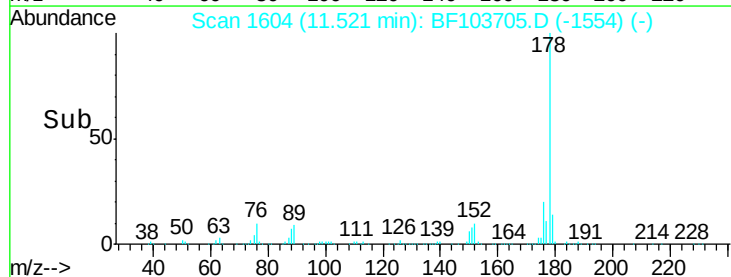
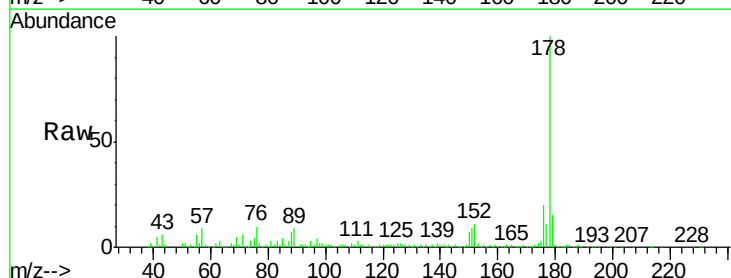
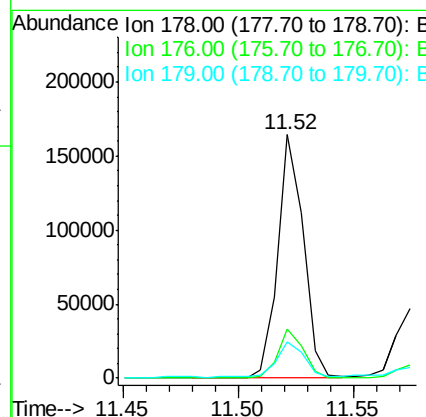
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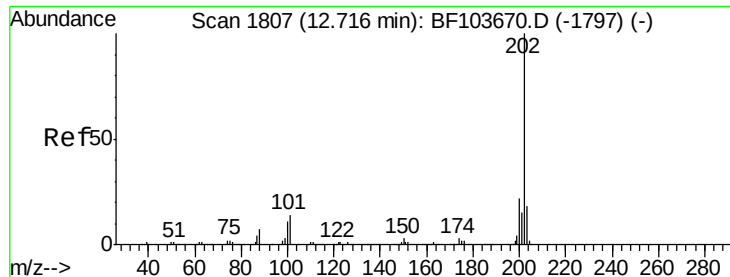
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3/19/2018 2:01:06 PM



#70
Phenanthrene
Concen: 4.872 ng
RT: 11.52 min Scan# 1604
Delta R.T. -0.01 min
Lab File: BF103705.D
Acq: 16 Mar 2018 19:19

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.4	15.8	23.8
179	14.9	13.0	19.6





#74

Fluoranthene

Concen: 6.398 ng

RT: 12.72 min Scan# 1807

Delta R.T. -0.00 min

Lab File: BF103705.D

Acq: 16 Mar 2018 19:19

Instrument :

BNA_F

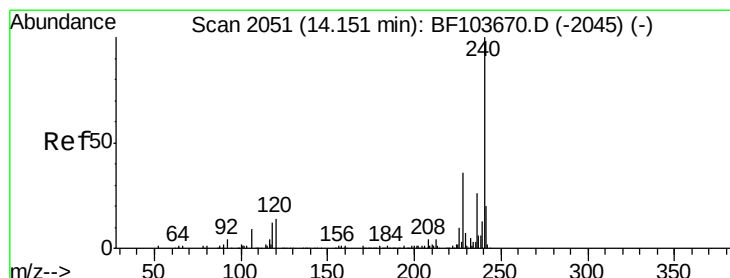
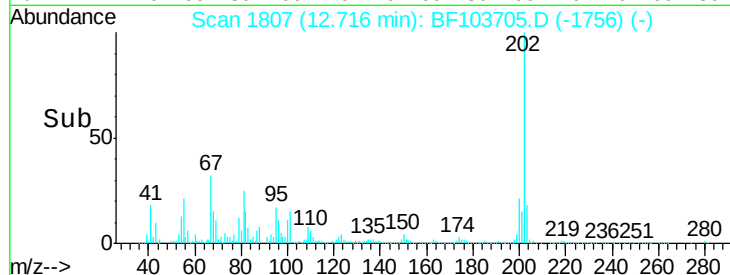
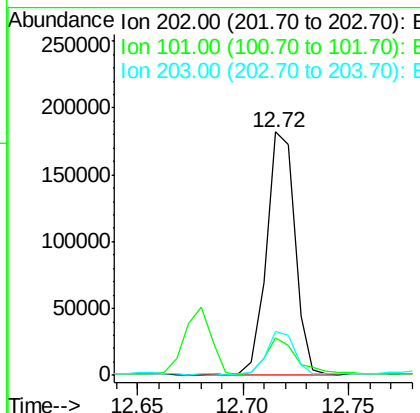
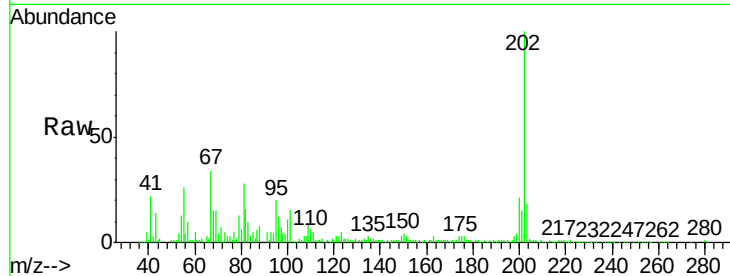
ClientSampleId :

EO-01-031418-C

Tot Ion:	202	Resp:	169670
Ion Ratio	Lower	Upper	
202	100		
101	15.3	0.0	34.1
203	18.1	0.0	38.1

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#75

Chrysene-d12

Concen: 20.000 ng

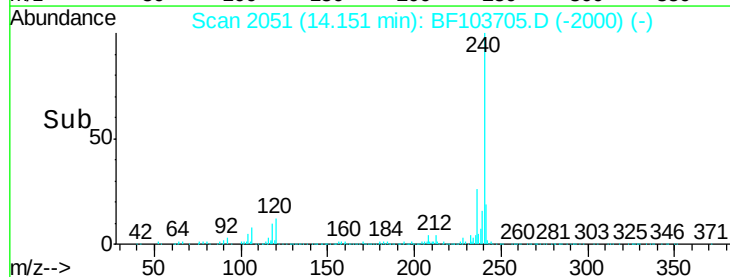
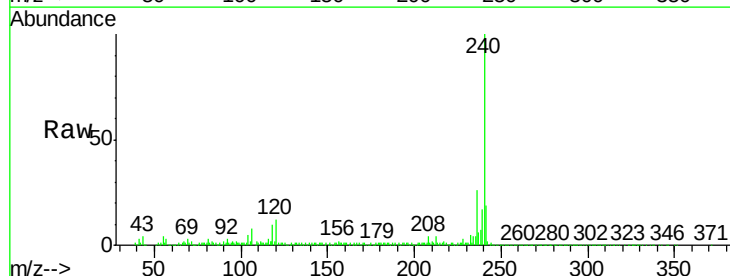
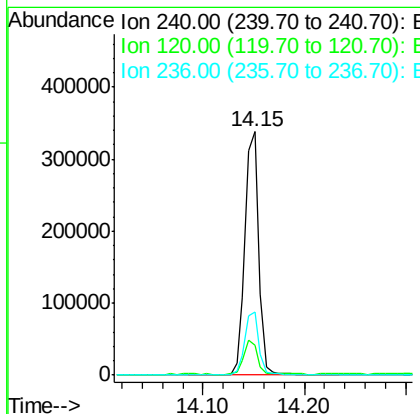
RT: 14.15 min Scan# 2051

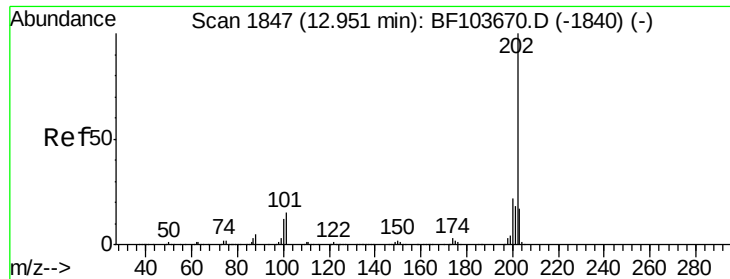
Delta R.T. -0.00 min

Lab File: BF103705.D

Acq: 16 Mar 2018 19:19

Tgt Ion:	240	Resp:	319902
Ion Ratio	Lower	Upper	
240	100		
120	12.2	9.5	14.3
236	26.0	20.7	31.1





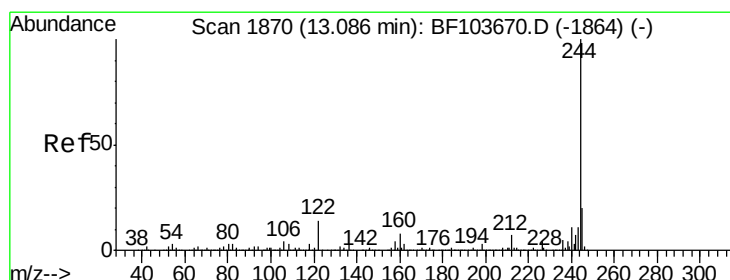
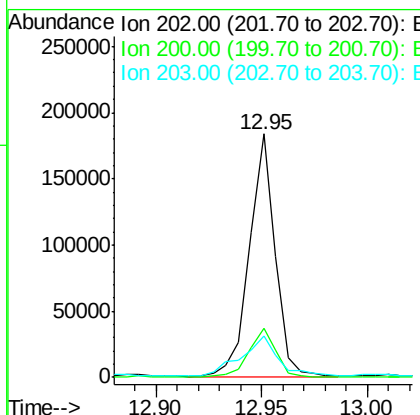
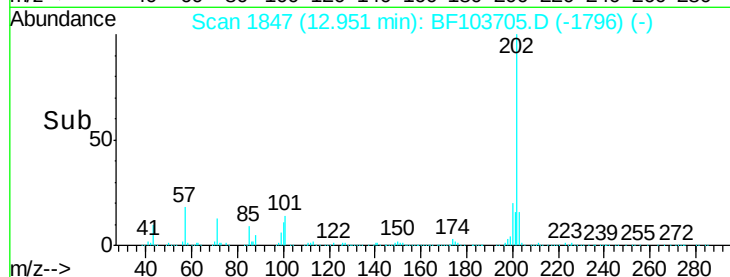
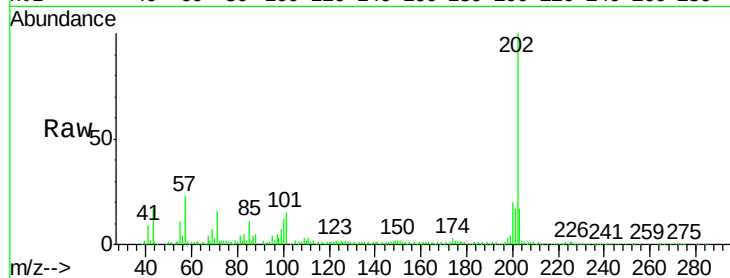
#77
Pvrene
Concen: 6.633 ng
RT: 12.95 min Scan# 1847
Delta R.T. -0.00 min
Lab File: BF103705.D
Acq: 16 Mar 2018 19:19

Instrument :
BNA_F
ClientSampleId :
EO-01-031418-C

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	20.3	17.4	26.2
203	17.2	14.3	21.5

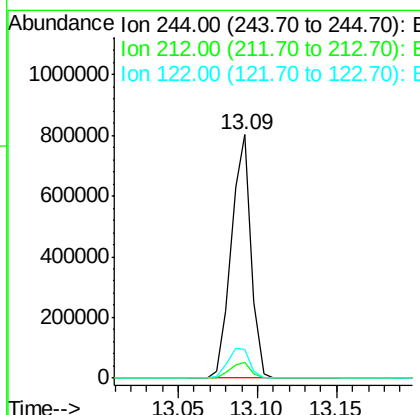
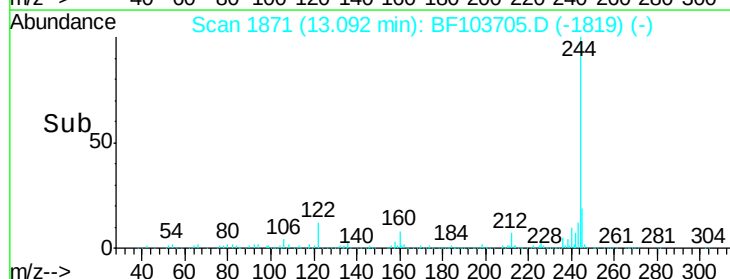
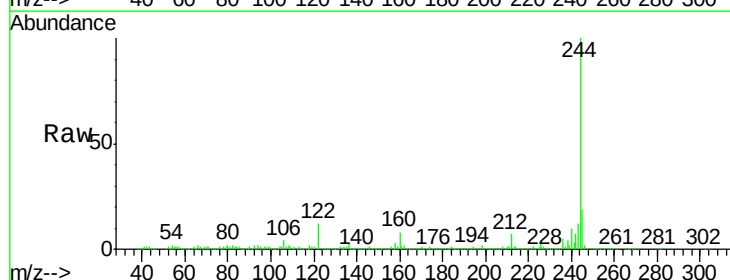
Manual Integrations
APPROVED

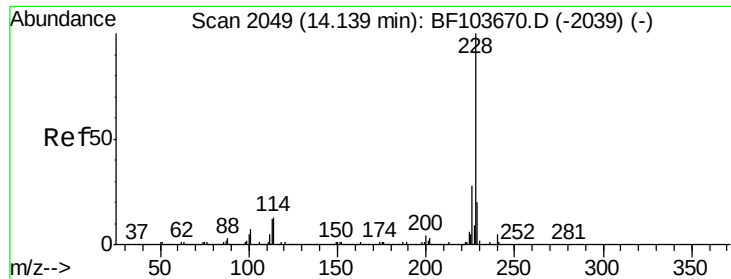
Sohil
3/19/2018 2:01:06 PM



#78
Terphenyl-d14
Concen: 49.910 ng
RT: 13.09 min Scan# 1871
Delta R.T. 0.01 min
Lab File: BF103705.D
Acq: 16 Mar 2018 19:19

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	6.7	5.4	8.0
122	11.9	11.0	16.4





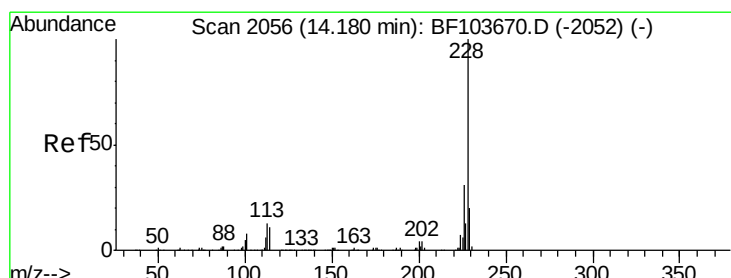
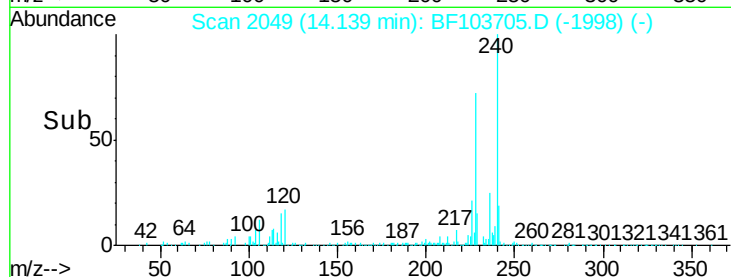
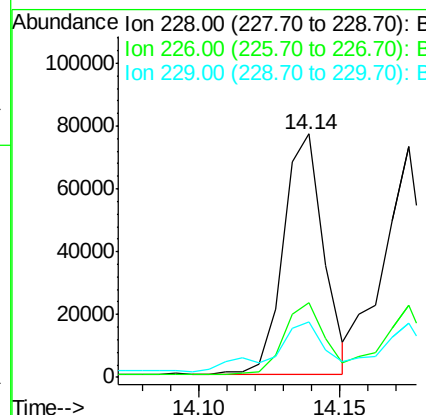
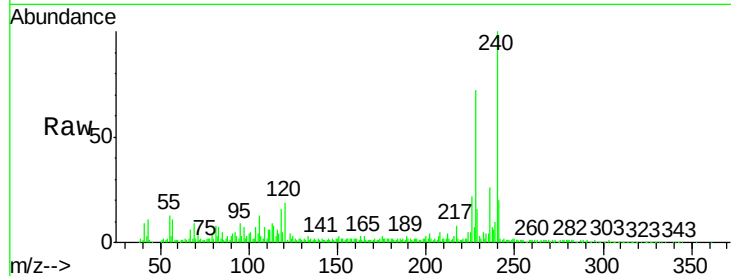
#80
Benzo(a)anthracene
Concen: 3.749 ng
RT: 14.14 min Scan# 2049
Delta R.T. -0.00 min
Lab File: BF103705.D
Acq: 16 Mar 2018 19:19

Instrument :
BNA_F
ClientSampleId :
EO-01-031418-C

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.5	22.6	33.8
229	22.7	15.8	23.6

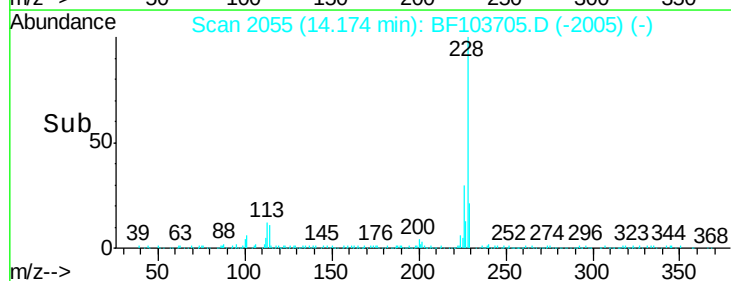
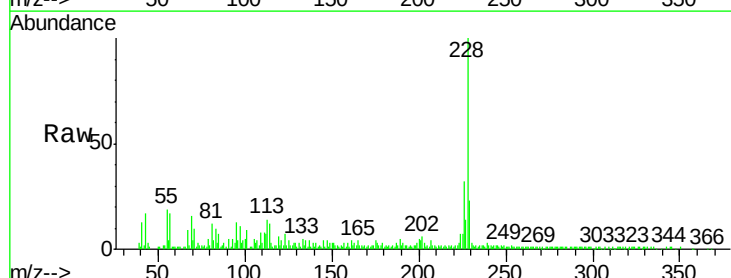
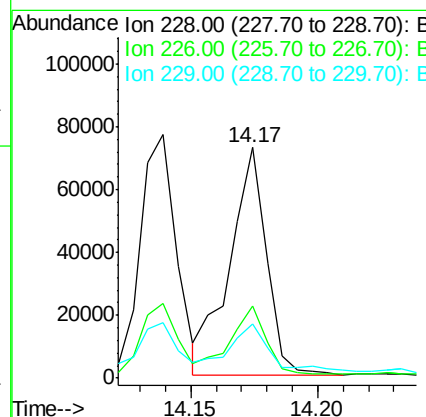
Manual Integrations
APPROVED

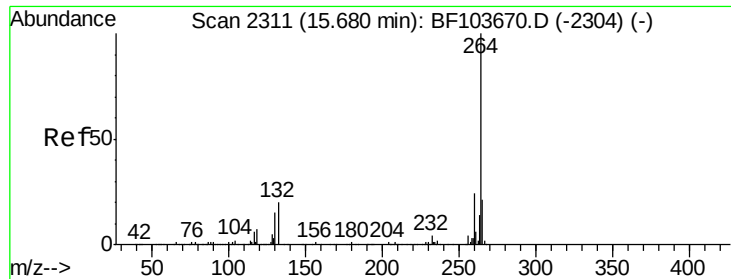
Sohil
3/19/2018 2:01:06 PM



#82
Chrysene
Concen: 3.779 ng
RT: 14.17 min Scan# 2055
Delta R.T. -0.01 min
Lab File: BF103705.D
Acq: 16 Mar 2018 19:19

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.5	25.0	37.6
229	23.5	16.2	24.4





#86

Pervlene-d12

Concen: 20.000 ng

RT: 15.68 min Scan# 2311

Delta R.T. -0.00 min

Lab File: BF103705.D

Acq: 16 Mar 2018 19:19

Instrument :

BNA_F

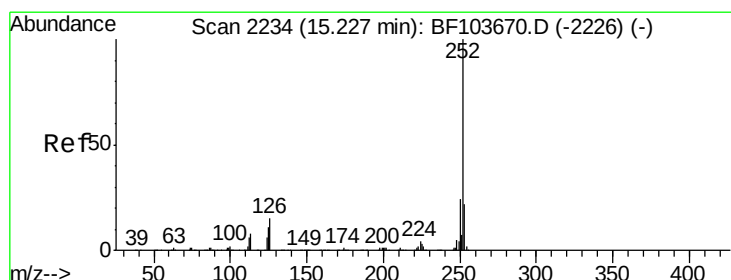
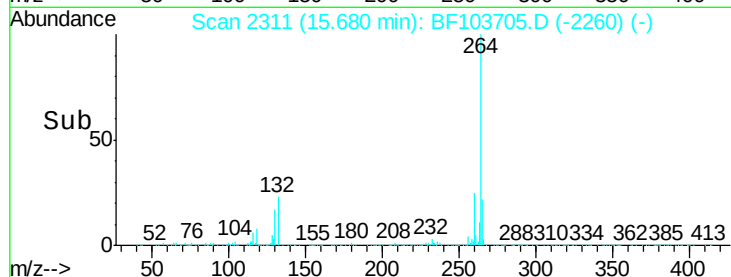
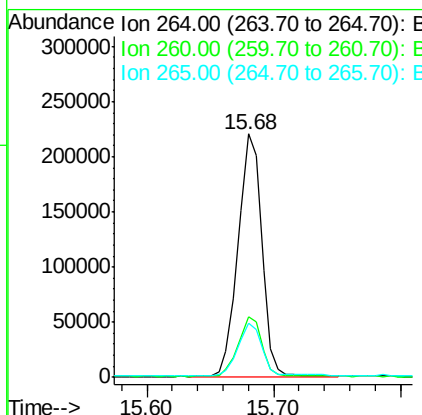
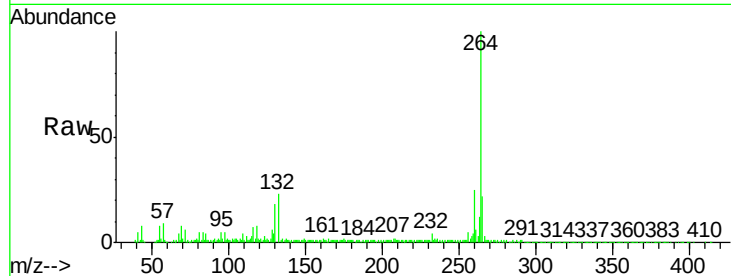
ClientSampleId :

EO-01-031418-C

Tot Ion:	264	Resp:	284398
Ion Ratio		Lower	Upper
264	100		
260	25.0	19.2	28.8
265	22.4	17.5	26.3

Manual Integrations
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3/19/2018 2:01:06 PM



#87

Benzo(b)fluoranthene

Concen: 5.004 ng m

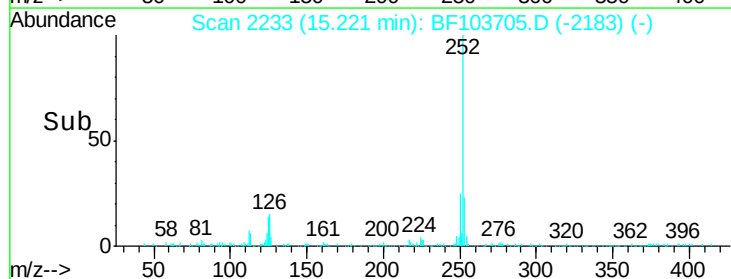
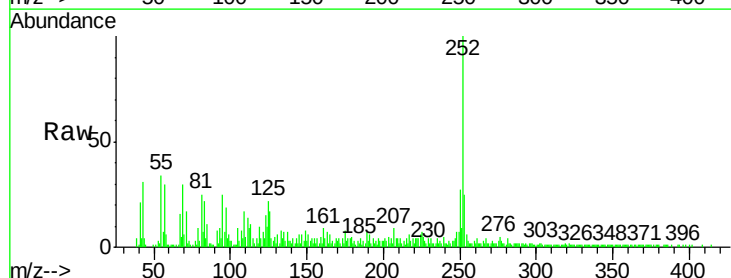
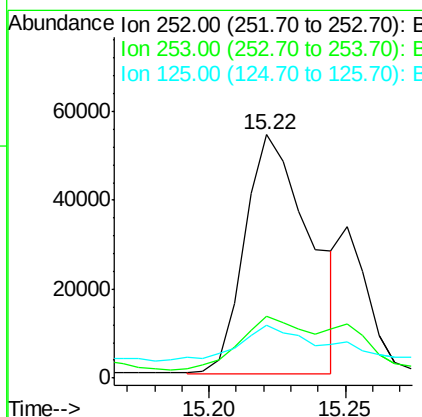
RT: 15.22 min Scan# 2233

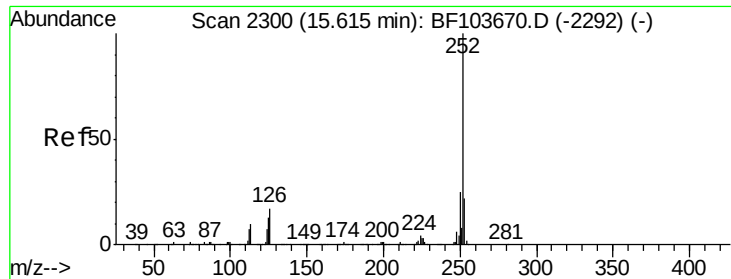
Delta R.T. -0.01 min

Lab File: BF103705.D

Acq: 16 Mar 2018 19:19

Tgt Ion:	252	Resp:	89906
Ion Ratio		Lower	Upper
252	100		
253	25.3	17.0	25.6
125	21.6	9.0	13.6#





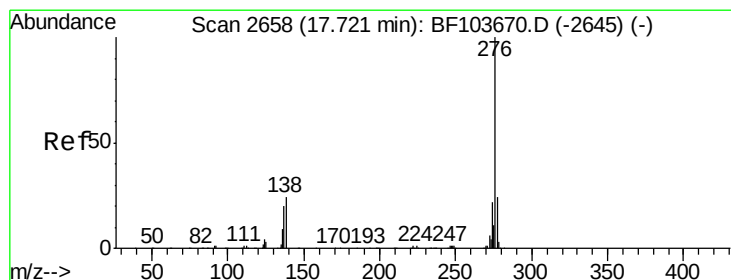
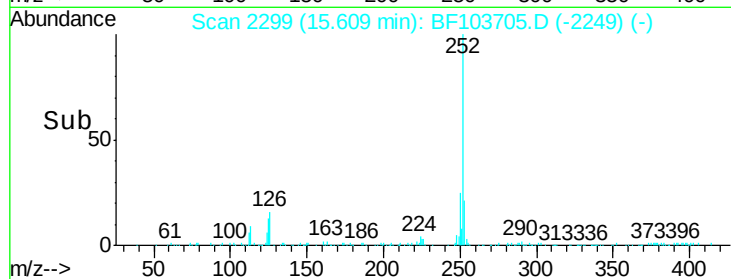
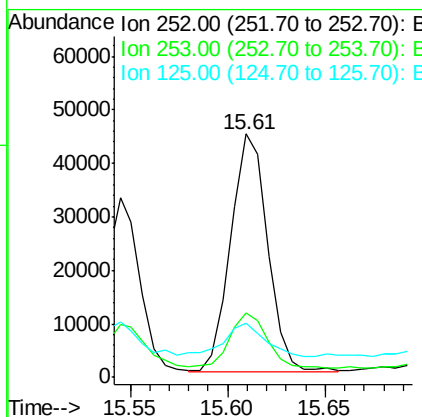
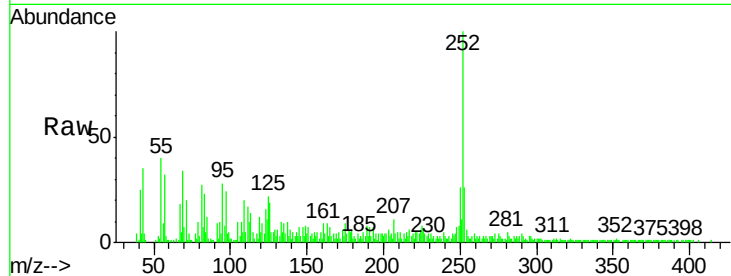
#89
Benzo(a)pyrene
Concen: 3.558 ng
RT: 15.61 min Scan# 2299
Delta R.T. -0.01 min
Lab File: BF103705.D
Acq: 16 Mar 2018 19:19

Instrument :
BNA_F
ClientSampleId :
EO-01-031418-C

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.3	17.1	25.7#
125	22.2	9.8	14.6#

Manual Integrations
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3/19/2018 2:01:06 PM



#91
Benzo(g,h,i)perylene
Concen: 2.150 ng
RT: 17.72 min Scan# 2657
Delta R.T. -0.01 min
Lab File: BF103705.D
Acq: 16 Mar 2018 19:19

Tgt Ion	Ratio	Lower	Upper
276	100		
277	29.5	17.9	26.9#
138	28.7	21.8	32.8

