

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062918\
 Data File : BF106982.D
 Acq On : 29 Jun 2018 19:20
 Operator : JU/SJ
 Sample : J3732-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EPE-106-8(3-8)

Manual Integrations
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Sohil
 6/30/2018 10:58:09 AM

Quant Time: Jun 29 23:58:26 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 29 14:38:29 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	68128	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	247405	20.00	ng	-0.01
38) Acenaphthene-d10	10.00	164	109190	20.00	ng	-0.01
63) Phenanthrene-d10	11.48	188	179970	20.00	ng	-0.02
75) Chrysene-d12	14.14	240	187630	20.00	ng	-0.02
86) Perylene-d12	15.68	264	143239	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	500921	124.50	ng	0.00
7) Phenol-d6	6.60	99	616050	122.61	ng	-0.01
23) Nitrobenzene-d5	7.52	82	383908	86.24	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	167878	132.65	ng	-0.01
44) 2-Fluorobiphenyl	9.31	172	661473	106.22	ng	-0.02
78) Terphenyl-d14	13.07	244	649992	83.91	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.70	163	88870	10.852	ng	98
70) Phenanthrene	11.51	178	56644	6.526	ng	99
71) Anthracene	11.56	178	18560	2.095	ng	99
74) Fluoranthene	12.71	202	161501	16.880	ng	93
77) Pyrene	12.94	202	147222	11.899	ng	98
80) Benzo(a)anthracene	14.13	228	109314	9.559	ng	99
82) Chrysene	14.17	228	89054	8.465	ng	98
85) Indeno(1,2,3-cd)pyrene	17.25	276	35466	3.972	ng	# 89
87) Benzo(b)fluoranthene	15.22	252	105299m	11.834	ng	
88) Benzo(k)fluoranthene	15.25	252	29863m	3.524	ng	
89) Benzo(a)pyrene	15.62	252	67712m	8.560	ng	
91) Benzo(a,h,i)perylene	17.74	276	30486	4.653	ng	# 90

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

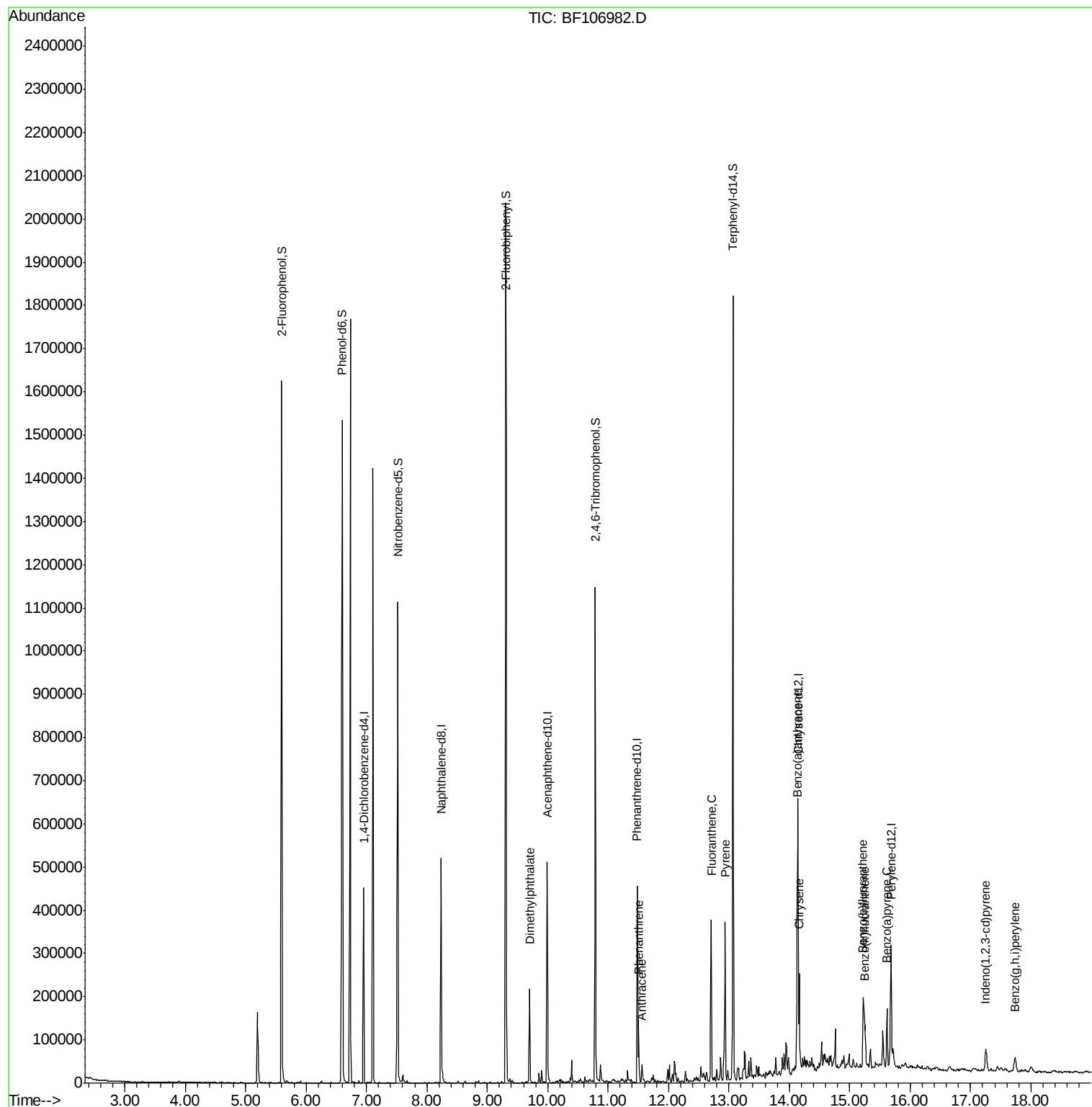
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062918\
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ALS Vial : 22 Sample Multiplier: 1

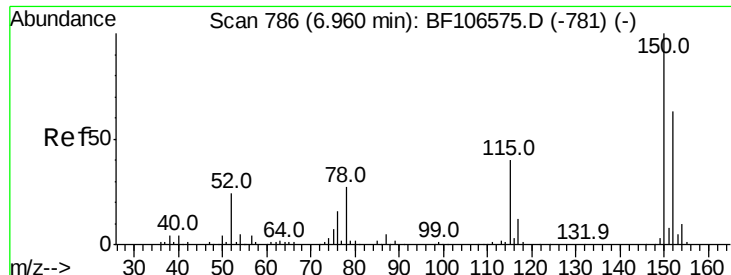
Instrument :
BNA_F
ClientSampleId :
EPE-106-8(3-8)

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#1

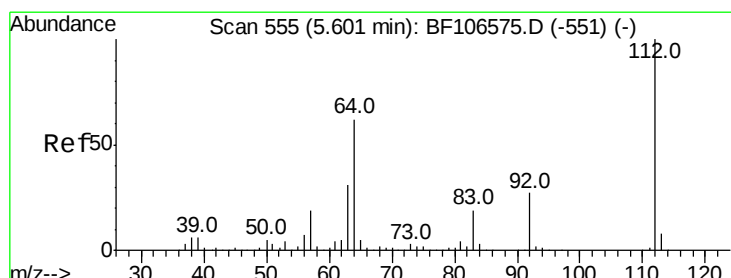
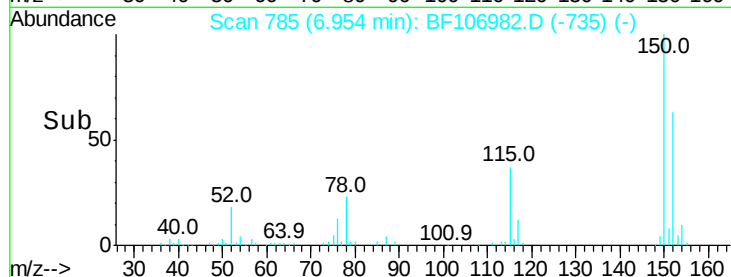
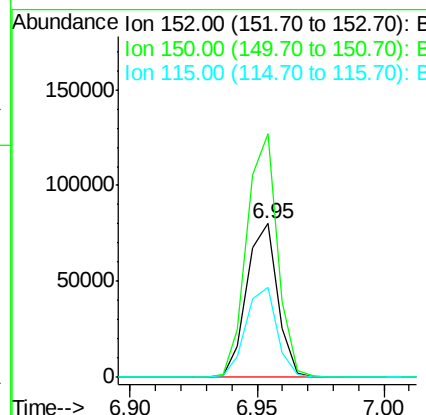
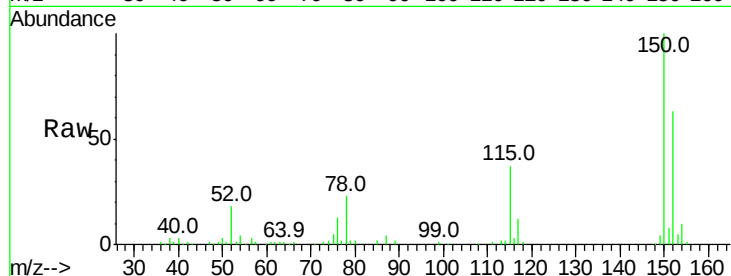
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.95 min Scan# 785
 Delta R.T. -0.01 min
 Lab File: BF106982.D
 Acq: 29 Jun 2018 19:20

Instrument :
 BNA_F
 ClientSampleId :
 EPE-106-8(3-8)

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.5	124.6	186.8
115	58.7	50.1	75.1

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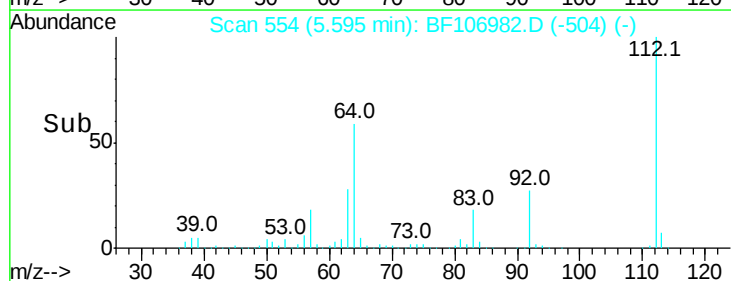
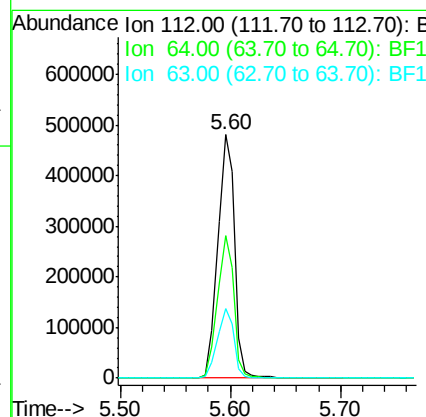
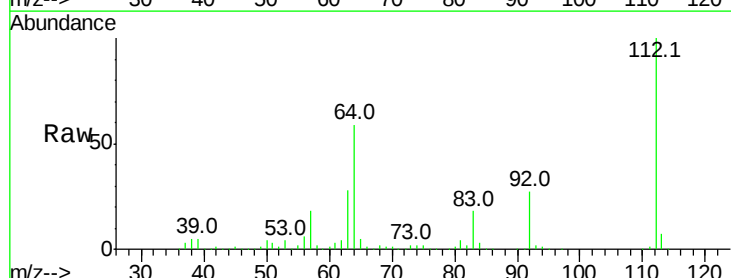
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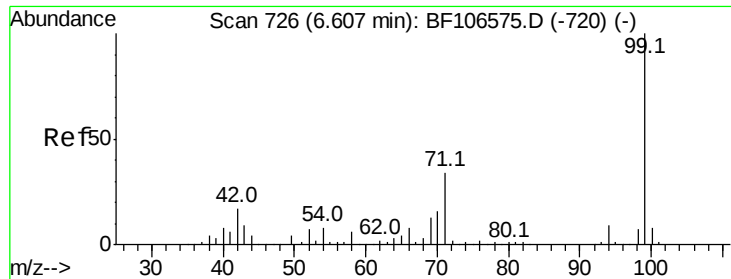


#5

2-Fluorophenol
 Concen: 124.504 ng
 RT: 5.60 min Scan# 554
 Delta R.T. -0.01 min
 Lab File: BF106982.D
 Acq: 29 Jun 2018 19:20

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.7	47.9	71.9
63	28.4	23.7	35.5





#7

Phenol-d6

Concen: 122.612 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF106982.D

Acq: 29 Jun 2018 19:20

Instrument :

BNA_F

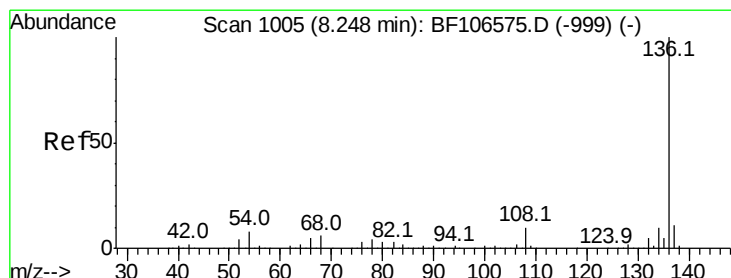
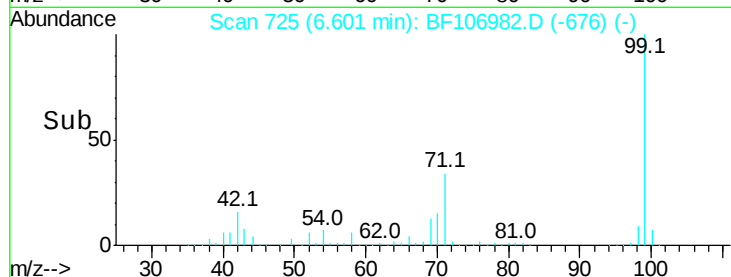
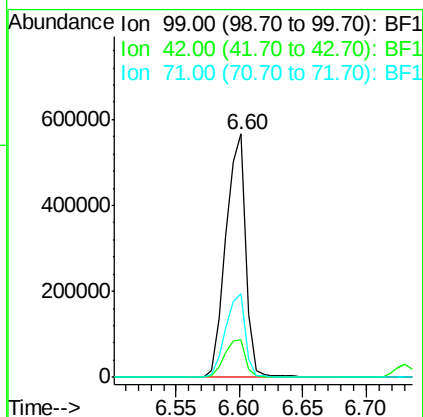
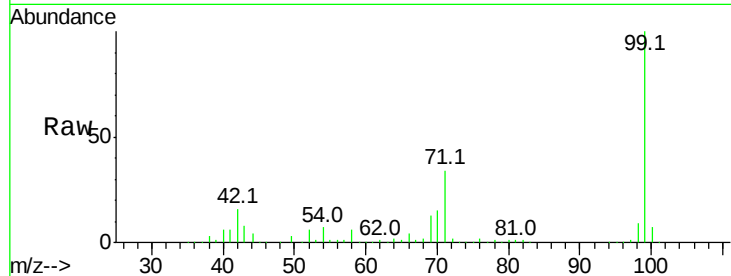
ClientSampleId :

EPE-106-8(3-8)

Tot Ion:	99	Resp:	616050
Ion Ratio	Lower	Upper	
99	100		
42	15.5	14.5	21.7
71	34.3	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

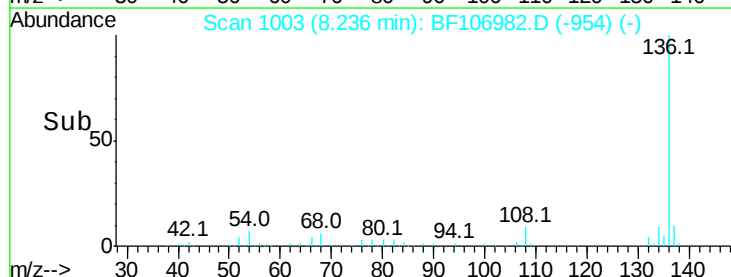
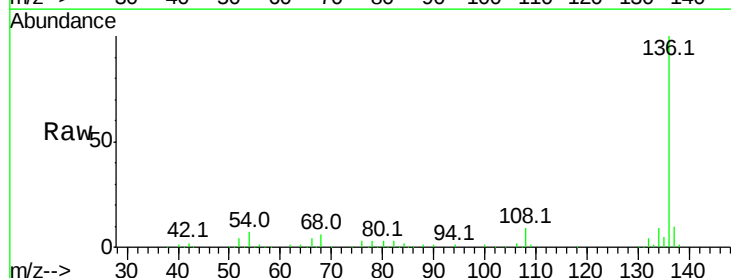
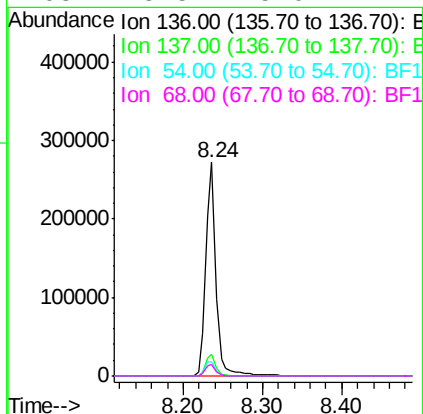
RT: 8.24 min Scan# 1003

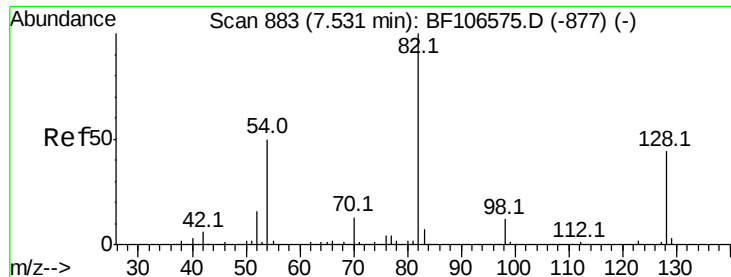
Delta R.T. -0.01 min

Lab File: BF106982.D

Acq: 29 Jun 2018 19:20

Tgt Ion:	136	Resp:	247405
Ion Ratio	Lower	Upper	
136	100		
137	10.3	8.9	13.3
54	6.9	6.6	9.8
68	5.5	5.0	7.4





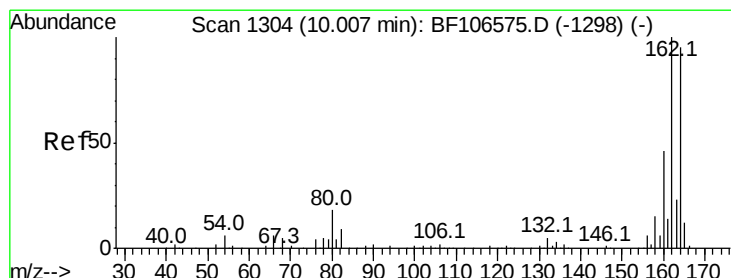
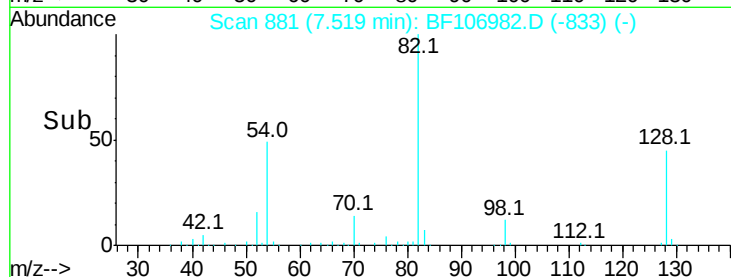
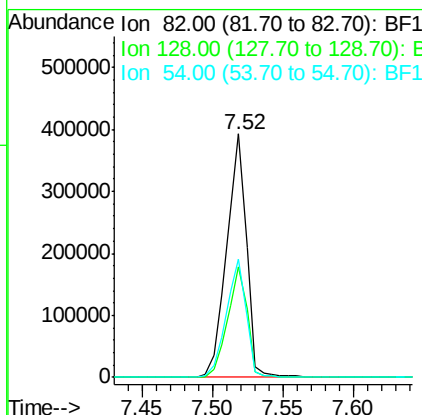
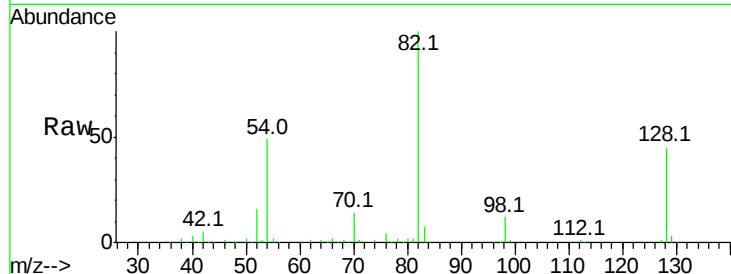
#23
 Nitrobenzene-d5
 Concen: 86.236 ng
 RT: 7.52 min Scan# 881
 Delta R.T. -0.02 min
 Lab File: BF106982.D
 Acq: 29 Jun 2018 19:20

Instrument :
 BNA_F
 ClientSampleId :
 EPE-106-8(3-8)

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.5	36.1	54.1
54	48.7	41.4	62.2

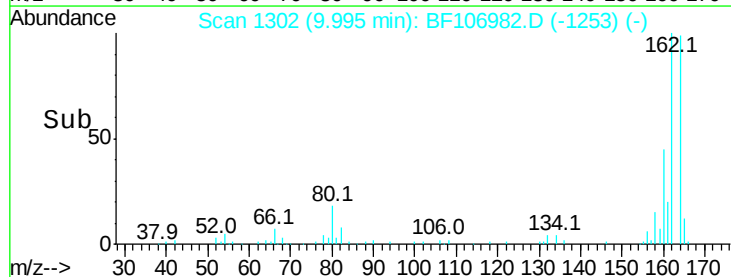
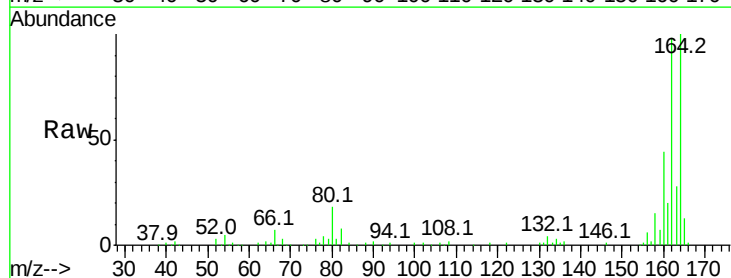
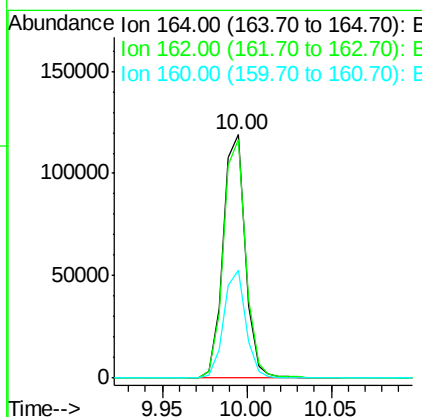
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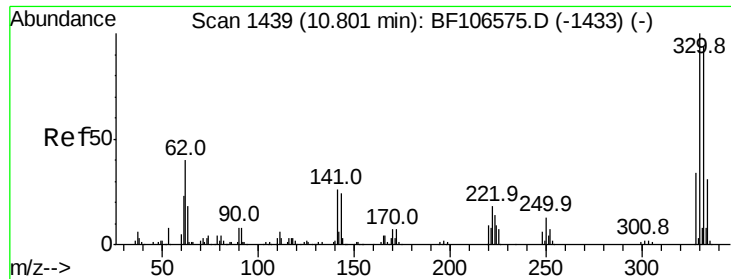
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.00 min Scan# 1302
 Delta R.T. -0.01 min
 Lab File: BF106982.D
 Acq: 29 Jun 2018 19:20

Tgt Ion	Ratio	Lower	Upper
164	100		
162	98.1	86.1	129.1
160	44.2	38.3	57.5





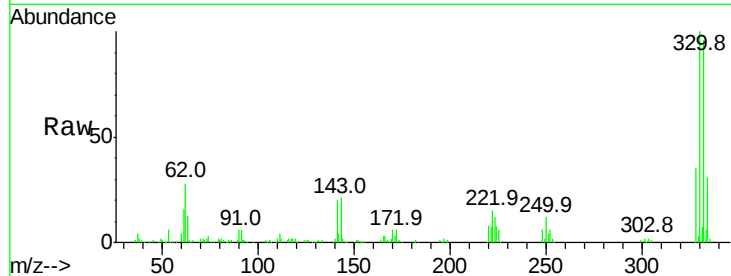
#41
 2,4,6-Tribromophenol
 Concen: 132.653 ng
 RT: 10.79 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF106982.D
 Acq: 29 Jun 2018 19:20

Instrument :
 BNA_F
 ClientSampleId :
 EPE-106-8(3-8)

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.7	77.0	115.6	
141	22.4	29.9	44.9	

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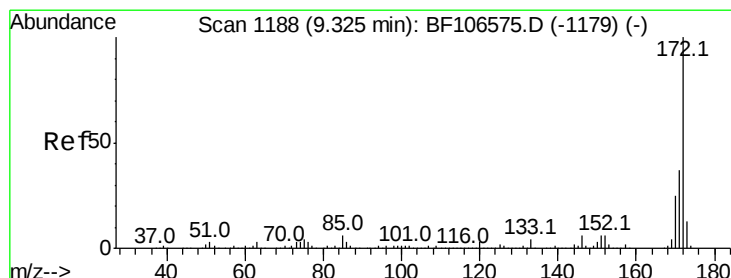
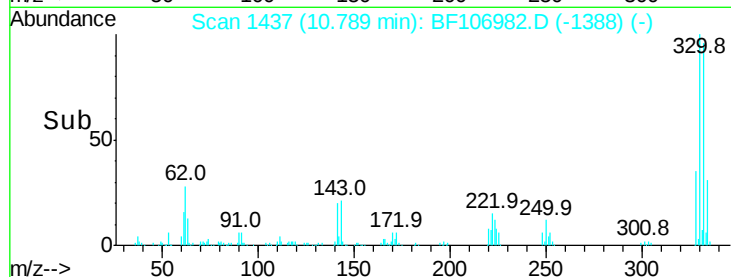
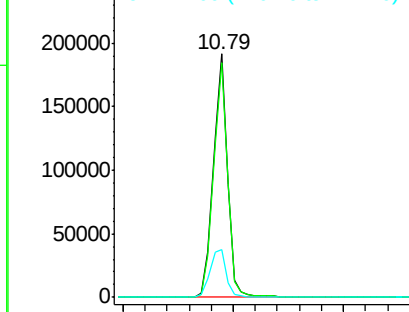


Abundance

Ion 329.80 (329.50 to 330.50): E

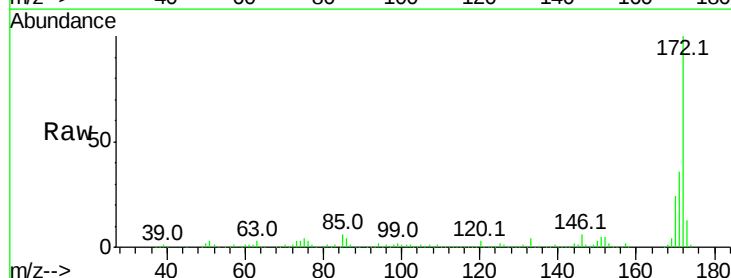
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 106.222 ng
 RT: 9.31 min Scan# 1185
 Delta R.T. -0.02 min
 Lab File: BF106982.D
 Acq: 29 Jun 2018 19:20

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	36.3	29.7	44.5	
170	24.3	19.6	29.4	

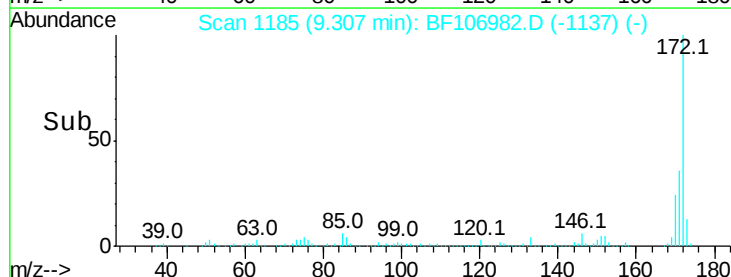
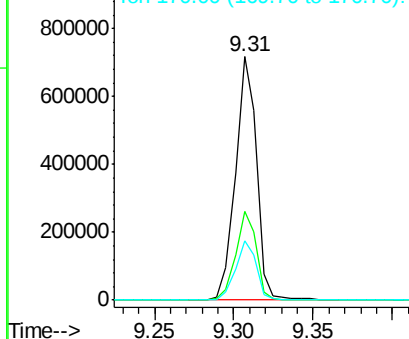


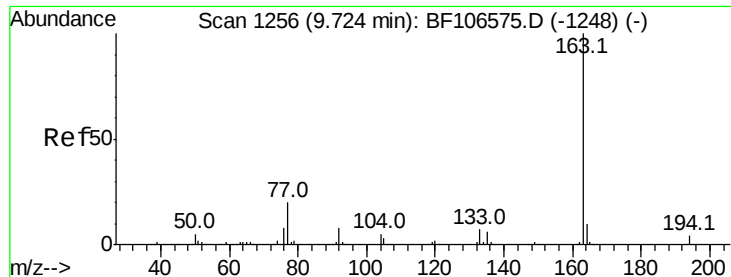
Abundance

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





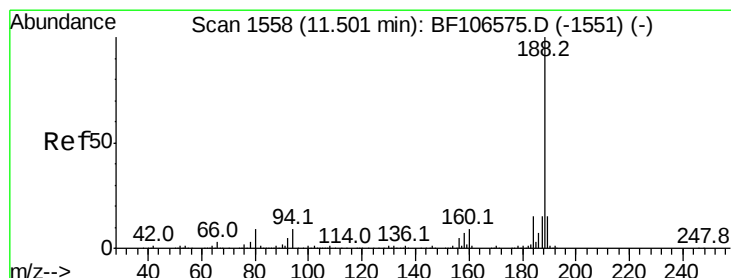
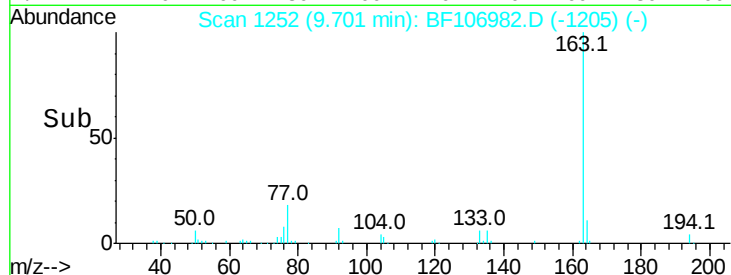
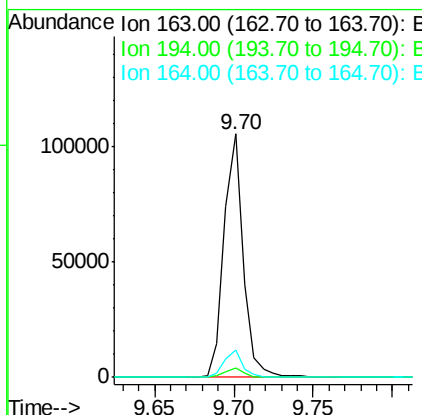
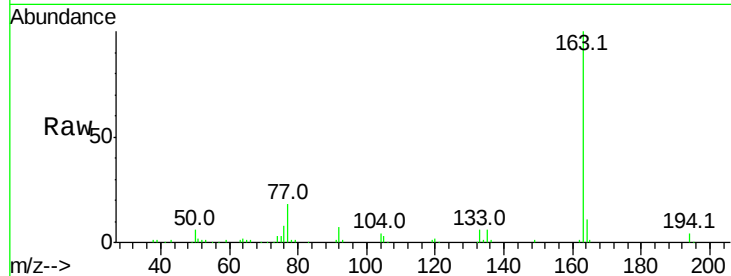
#49
Dimethylphthalate
Concen: 10.852 ng
RT: 9.70 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BF106982.D
Acq: 29 Jun 2018 19:20

Instrument :
BNA_F
ClientSampleId :
EPE-106-8(3-8)

Tot Ion	Ratio	Resp	Lower	Upper
163	100	88870		
194	4.0		2.7	4.1
164	11.0		8.2	12.2

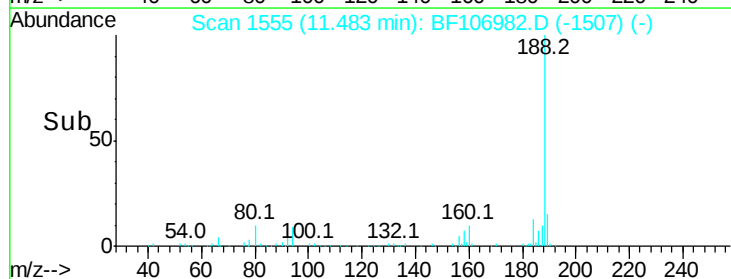
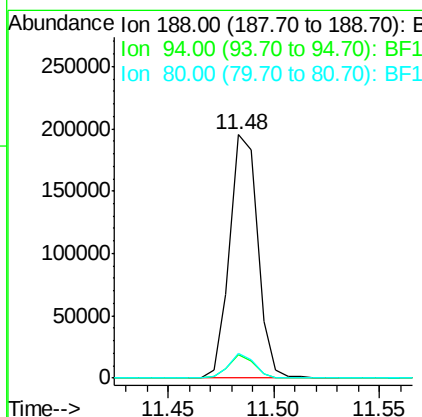
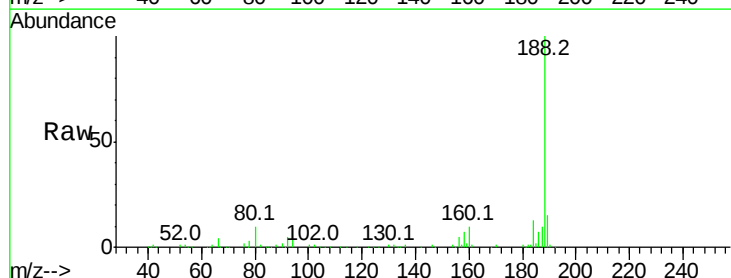
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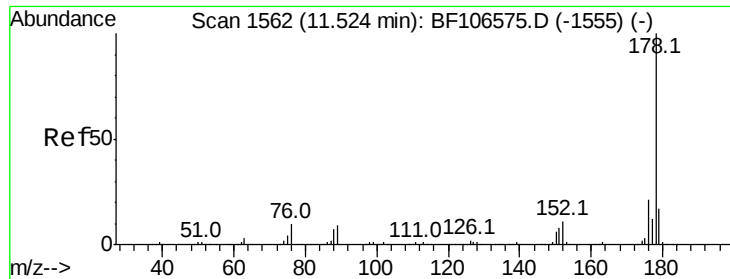
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1555
Delta R.T. -0.02 min
Lab File: BF106982.D
Acq: 29 Jun 2018 19:20

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	179970		
94	9.4		8.5	12.7
80	10.0		9.2	13.8





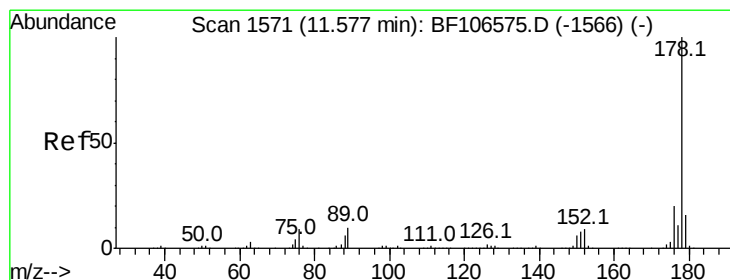
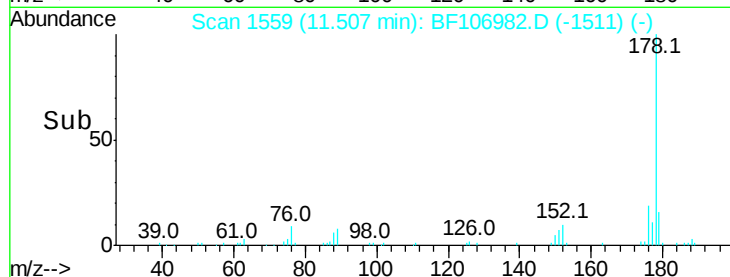
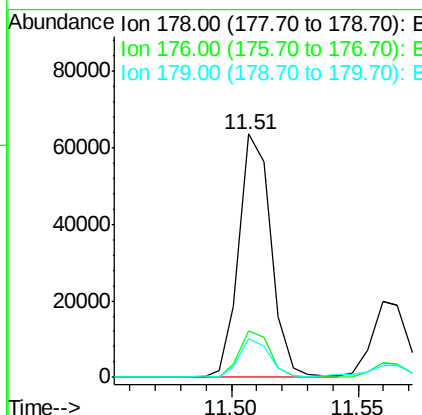
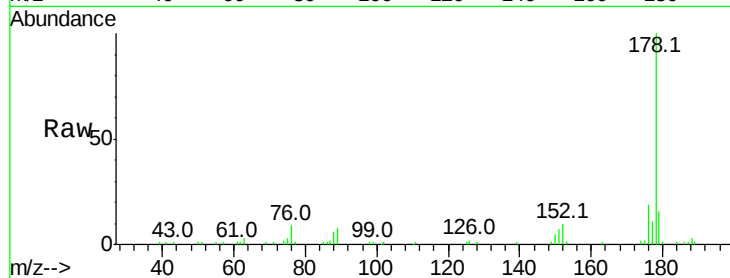
#70
Phenanthrene
Concen: 6.526 ng
RT: 11.51 min Scan# 1559
Delta R.T. -0.02 min
Lab File: BF106982.D
Acq: 29 Jun 2018 19:20

Instrument :
BNA_F
ClientSampleId :
EPE-106-8(3-8)

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.8	23.8
179	15.7	13.0	19.6

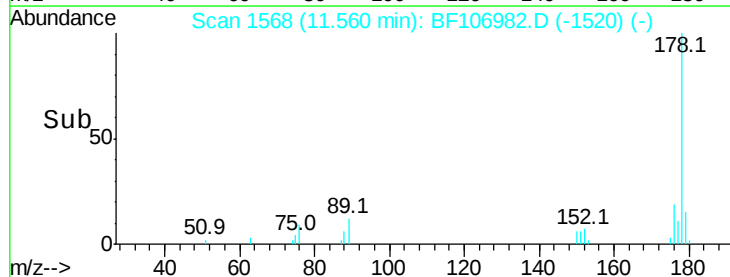
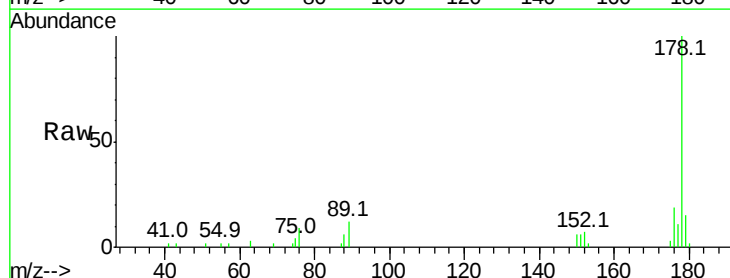
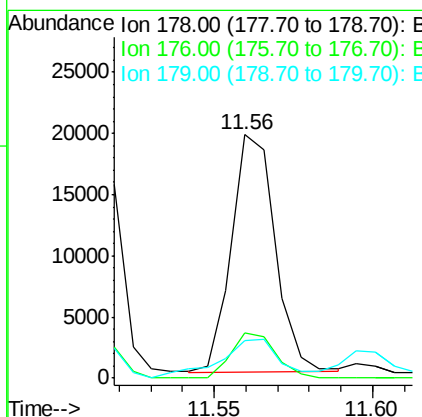
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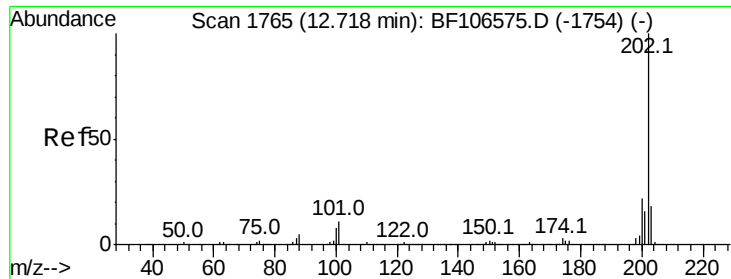
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#71
Anthracene
Concen: 2.095 ng
RT: 11.56 min Scan# 1568
Delta R.T. -0.02 min
Lab File: BF106982.D
Acq: 29 Jun 2018 19:20

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.4	23.2
179	15.3	12.6	19.0





#74

Fluoranthene

Concen: 16.880 ng

RT: 12.71 min Scan# 1763

Delta R.T. -0.01 min

Lab File: BF106982.D

Acq: 29 Jun 2018 19:20

Instrument :

BNA_F

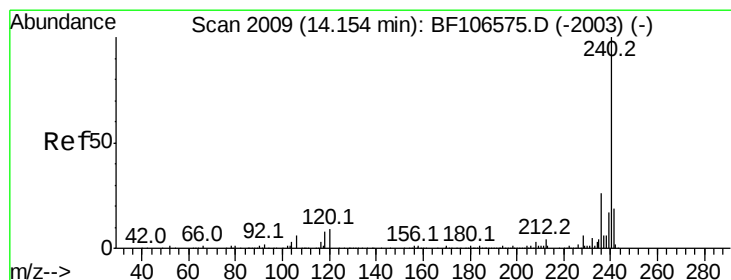
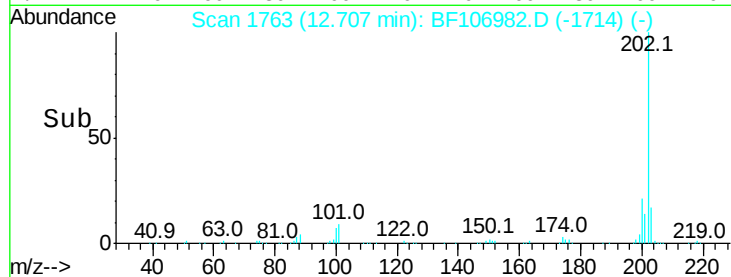
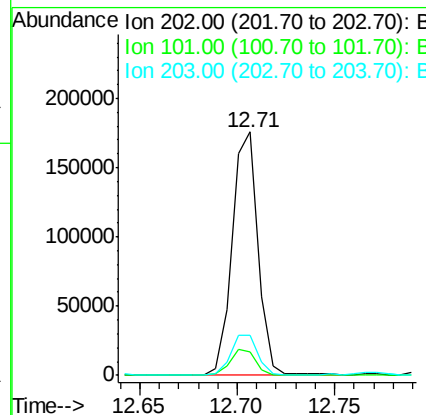
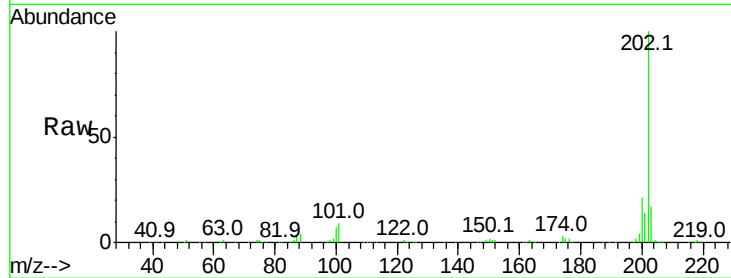
ClientSampleId :

EPE-106-8(3-8)

Tot Ion	Ratio	Resp	Lower	Upper
202	100	161501		
101	9.5	0.0	34.1	
203	16.7	0.0	38.1	

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#75

Chrysene-d12

Concen: 20.000 ng

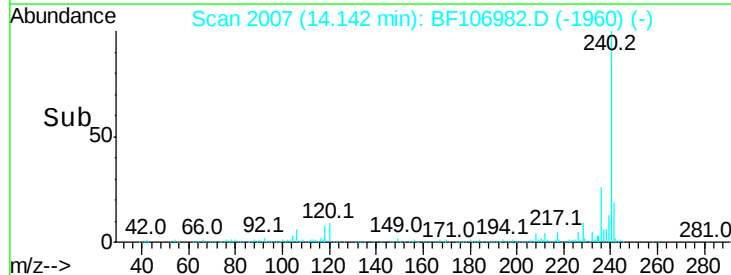
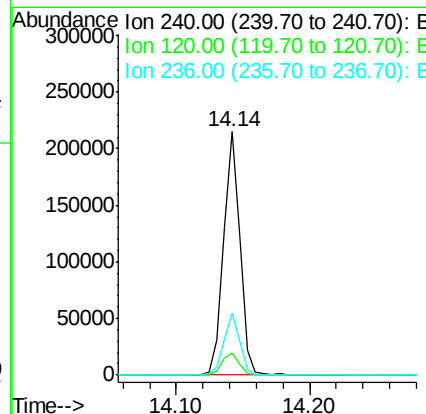
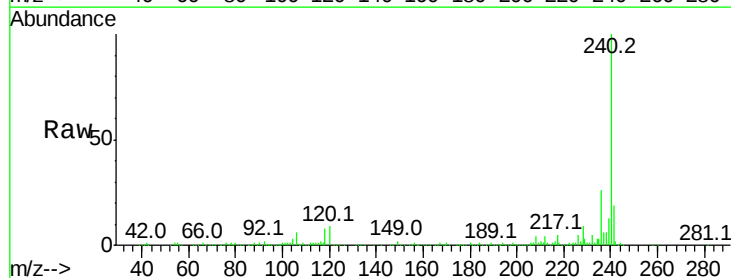
RT: 14.14 min Scan# 2007

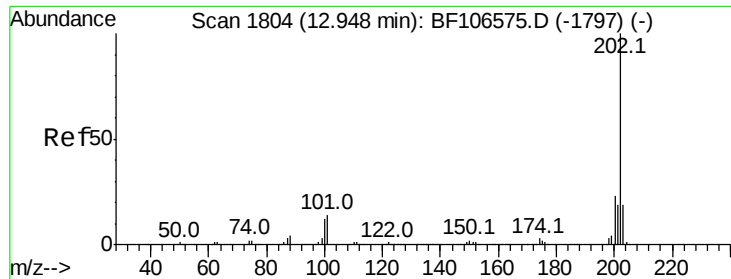
Delta R.T. -0.02 min

Lab File: BF106982.D

Acq: 29 Jun 2018 19:20

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	187630		
120	9.0	9.5	14.3#	
236	25.6	20.7	31.1	





#77

Pvrene

Concen: 11.899 ng

RT: 12.94 min Scan# 1802

Delta R.T. -0.01 min

Lab File: BF106982.D

Acq: 29 Jun 2018 19:20

Instrument :

BNA_F

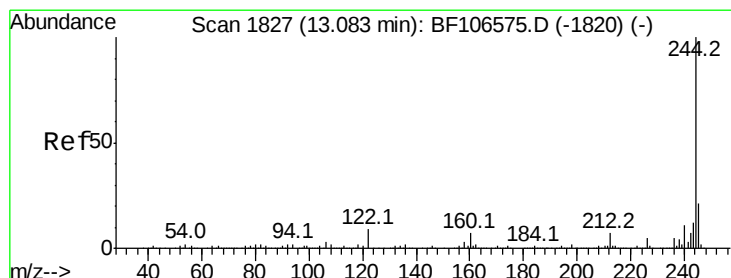
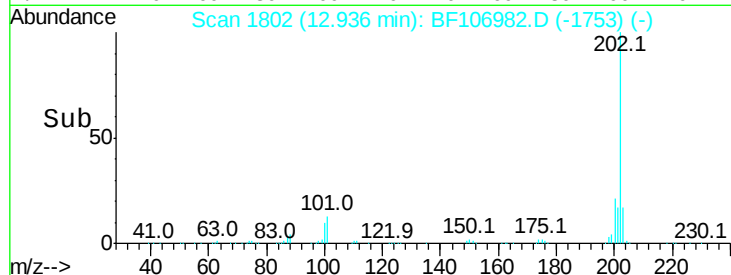
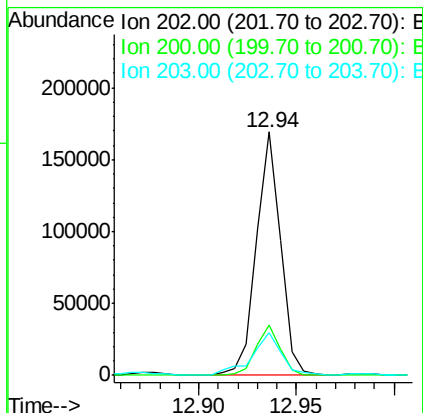
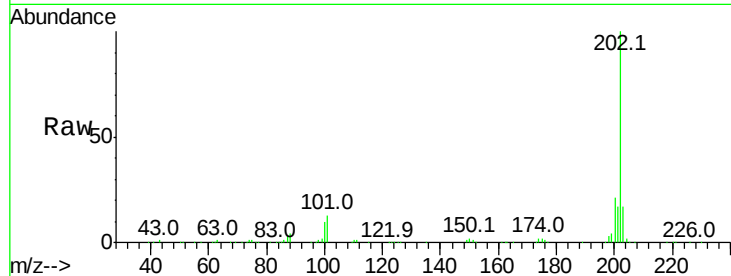
ClientSampleId :

EPE-106-8(3-8)

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100				
200	20.9	17.4	26.2		
203	17.4	14.3	21.5		

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#78

Terphenyl-d14

Concen: 83.914 ng

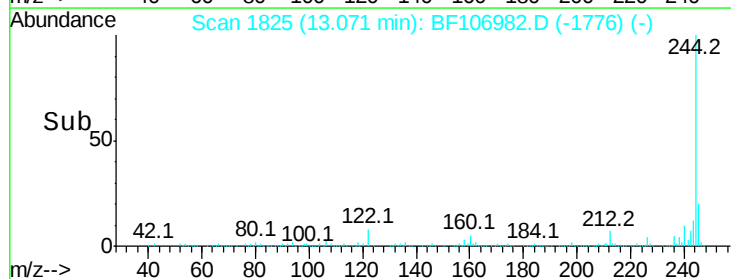
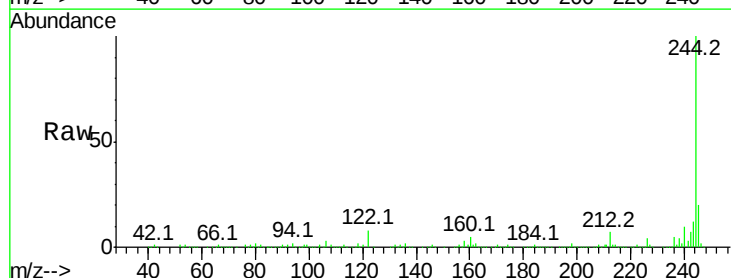
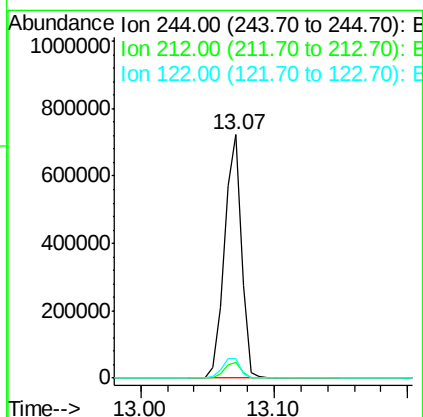
RT: 13.07 min Scan# 1825

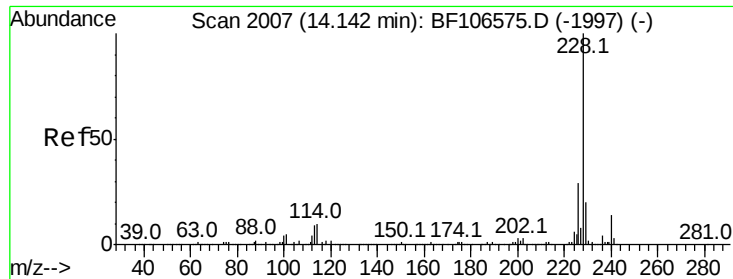
Delta R.T. -0.01 min

Lab File: BF106982.D

Acq: 29 Jun 2018 19:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
244	100				
212	6.6	5.4	8.0		
122	8.2	11.0	16.4		





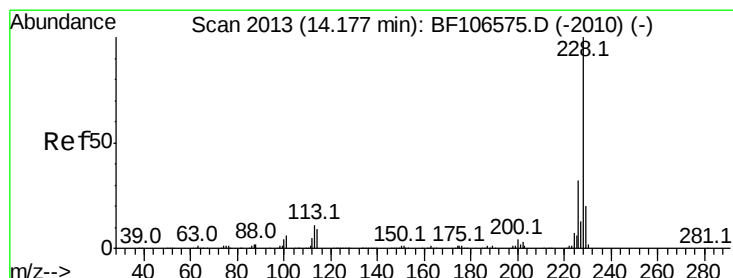
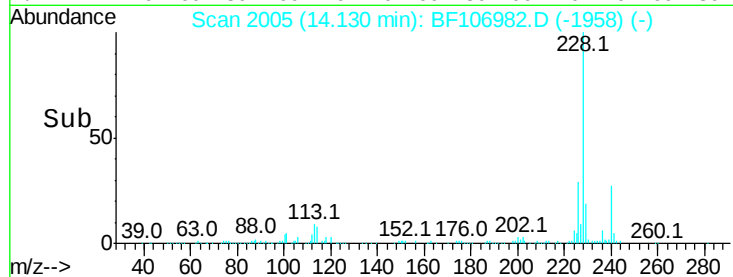
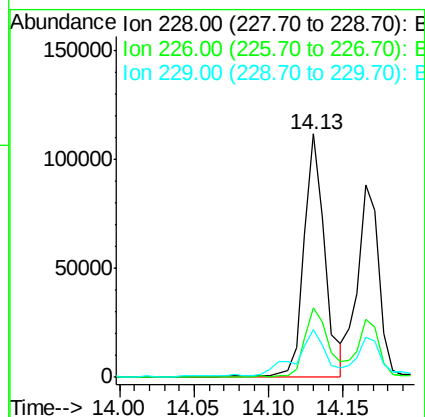
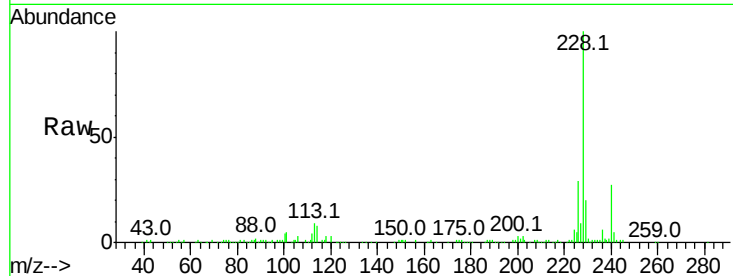
#80
Benzo(a)anthracene
Concen: 9.559 ng
RT: 14.13 min Scan# 2005
Delta R.T. -0.02 min
Lab File: BF106982.D
Acq: 29 Jun 2018 19:20

Instrument :
BNA_F
ClientSampleId :
EPE-106-8(3-8)

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.6	22.6	33.8
229	19.9	15.8	23.6

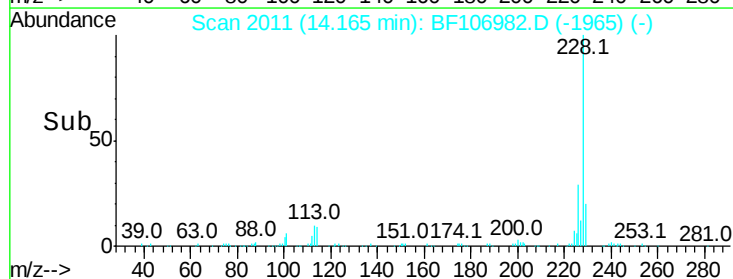
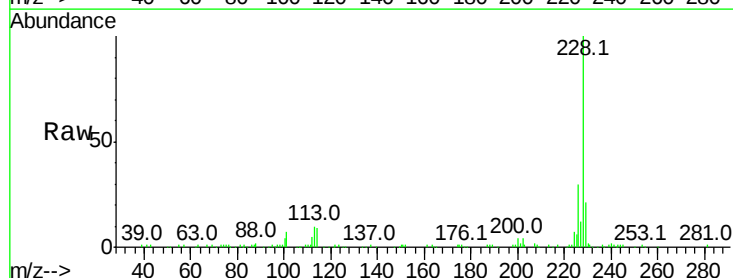
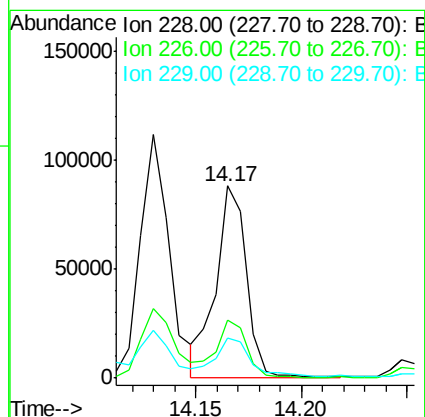
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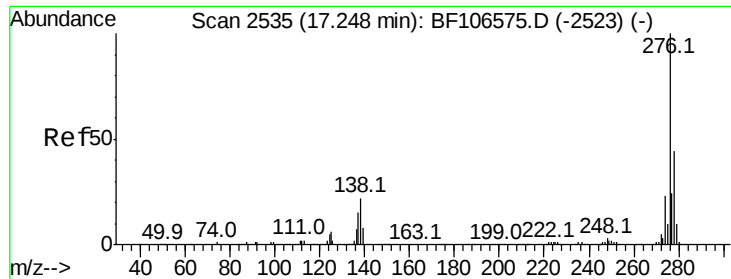
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#82
Chrysene
Concen: 8.465 ng
RT: 14.17 min Scan# 2011
Delta R.T. -0.03 min
Lab File: BF106982.D
Acq: 29 Jun 2018 19:20

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.0	25.0	37.6
229	20.8	16.2	24.4





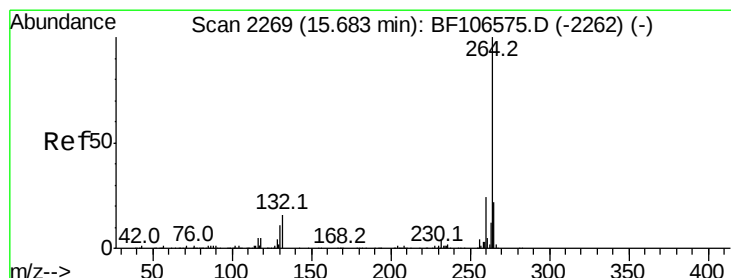
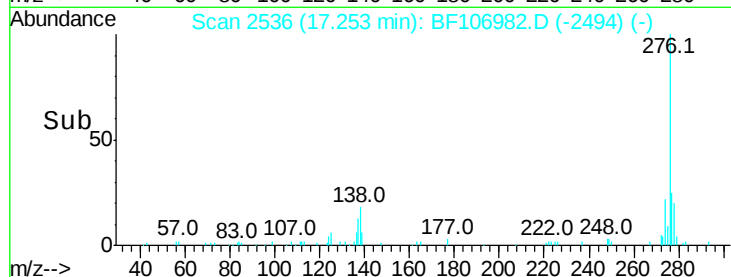
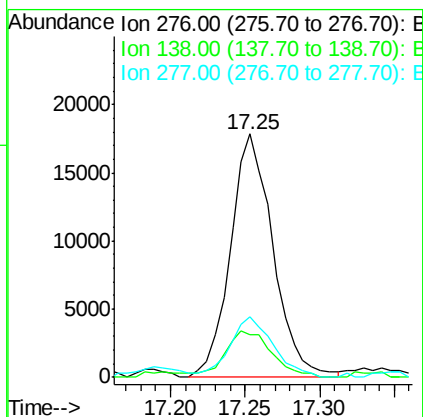
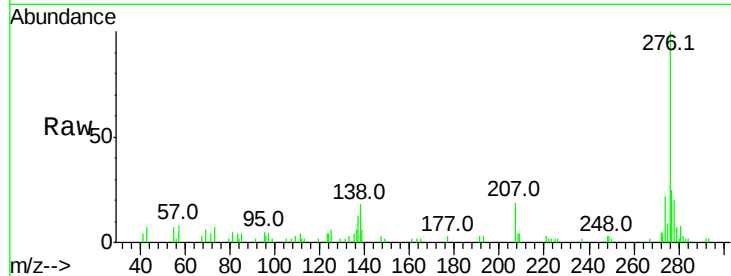
#85
Indeno(1,2,3-cd)pyrene
Concen: 3.972 ng
RT: 17.25 min Scan# 2536
Delta R.T. -0.05 min
Lab File: BF106982.D
Acq: 29 Jun 2018 19:20

Instrument :
BNA_F
ClientSampleId :
EPE-106-8(3-8)

Tot Ion	Ratio	Lower	Upper
276	100		
138	20.9	25.0	37.6#
277	25.2	20.1	30.1

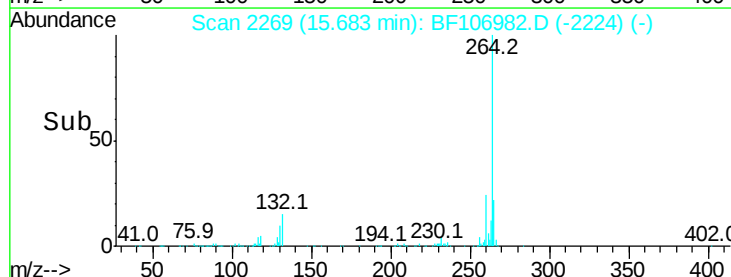
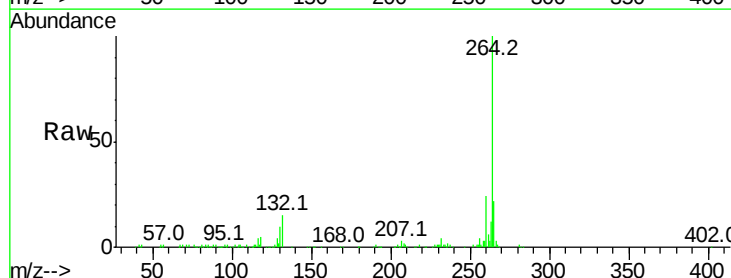
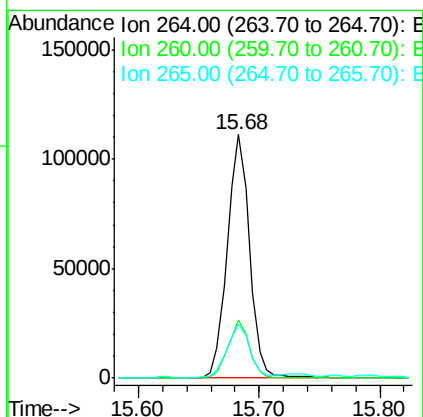
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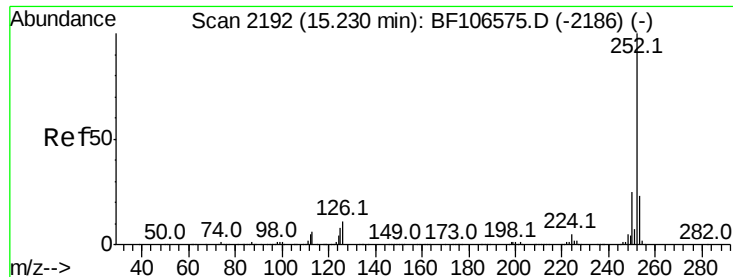
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2269
Delta R.T. -0.04 min
Lab File: BF106982.D
Acq: 29 Jun 2018 19:20

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	22.4	17.5	26.3





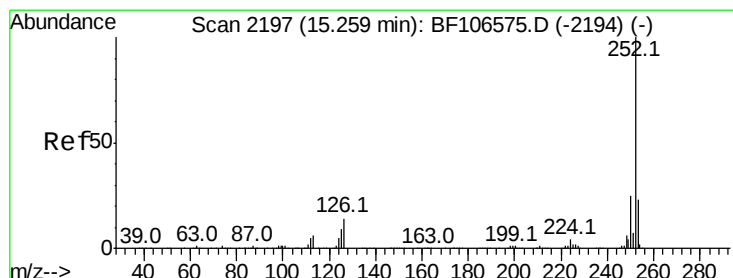
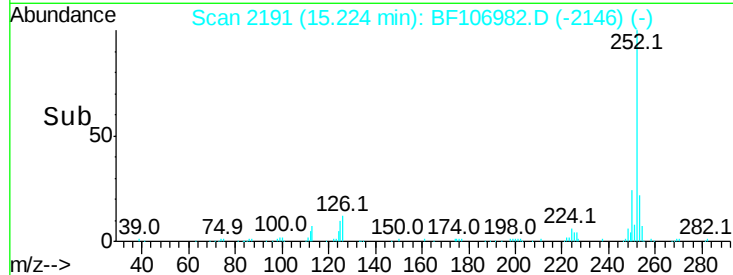
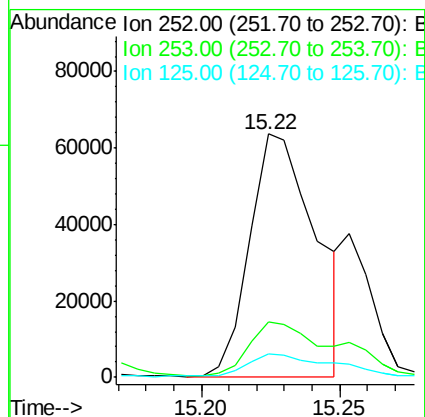
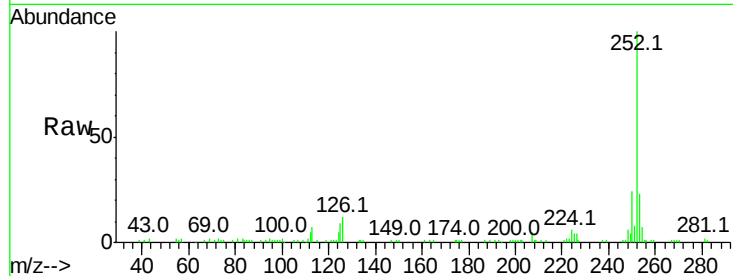
#87
Benzo(b)fluoranthene
Concen: 11.834 ng m
RT: 15.22 min Scan# 2191
Delta R.T. -0.04 min
Lab File: BF106982.D
Acq: 29 Jun 2018 19:20

Instrument :
BNA_F
ClientSampleId :
EPE-106-8(3-8)

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.0	25.6
125	9.5	9.0	13.6

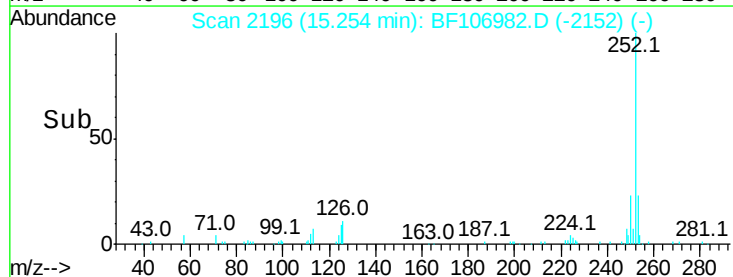
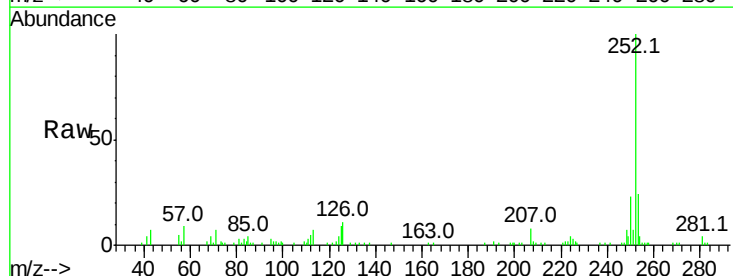
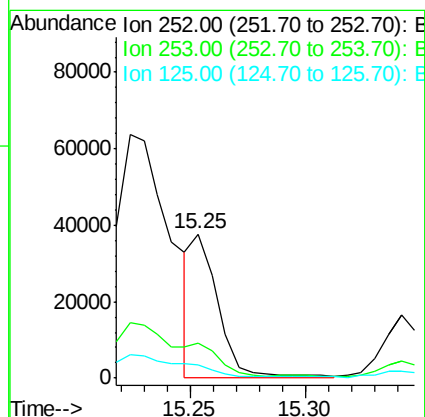
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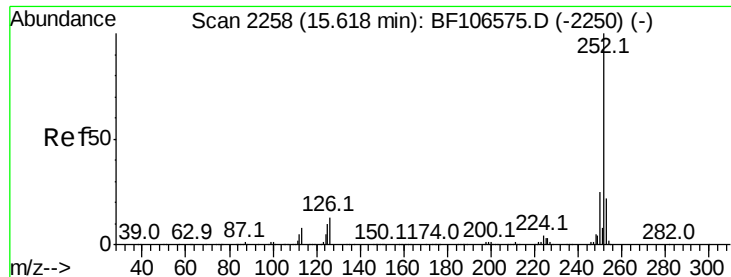
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#88
Benzo(k)fluoranthene
Concen: 3.524 ng m
RT: 15.25 min Scan# 2196
Delta R.T. -0.04 min
Lab File: BF106982.D
Acq: 29 Jun 2018 19:20

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.9	26.9
125	8.7	10.2	15.2#





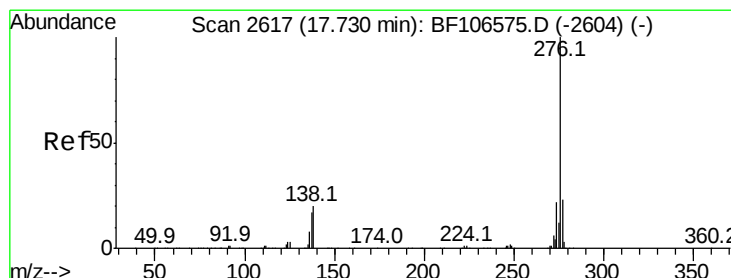
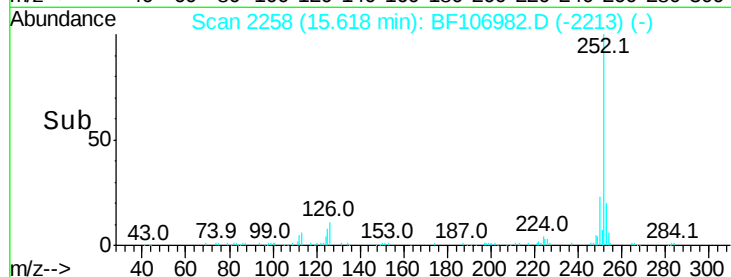
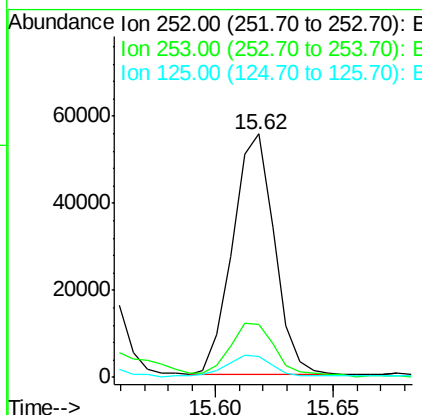
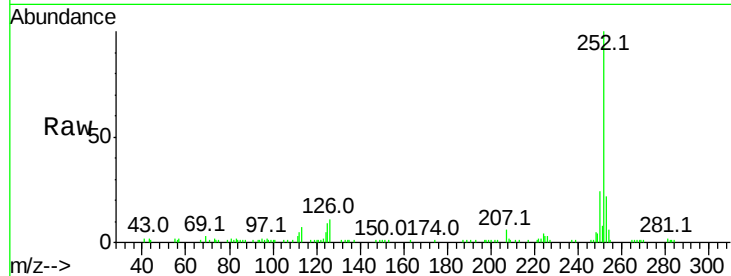
#89
Benzo(a)pyrene
Concen: 8.560 ng m
RT: 15.62 min Scan# 2258
Delta R.T. -0.04 min
Lab File: BF106982.D
Acq: 29 Jun 2018 19:20

Instrument :
BNA_F
ClientSampleId :
EPE-106-8(3-8)

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.1	25.7
125	8.6	9.8	14.6

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 4.653 ng
RT: 17.74 min Scan# 2618
Delta R.T. -0.05 min
Lab File: BF106982.D
Acq: 29 Jun 2018 19:20

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.8	17.9	26.9
138	20.4	21.8	32.8

