

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071118\
 Data File : BF107296.D
 Acq On : 11 Jul 2018 13:32
 Operator : JU/SJ
 Sample : J3933-08
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EP-8-S1

Manual Integrations
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Quant Time: Jul 11 15:33:06 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	6.93	152	73483	20.00	ng	-0.03
21) Naphthalene-d8	8.21	136	284490	20.00	ng	-0.04
38) Acenaphthene-d10	9.98	164	148550	20.00	ng	-0.03
63) Phenanthrene-d10	11.48	188	296535	20.00	ng	-0.02
75) Chrysene-d12	14.14	240	221020	20.00	ng	-0.03
86) Perylene-d12	15.68	264	237176	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	406080	93.58	ng	-0.03
7) Phenol-d6	6.58	99	518939	95.76	ng	-0.04
23) Nitrobenzene-d5	7.50	82	338980	66.22	ng	-0.04
41) 2,4,6-Tribromophenol	10.78	330	183439	106.54	ng	-0.02
44) 2-Fluorobiphenyl	9.29	172	567799	60.43	ng	-0.03
78) Terphenyl-d14	13.06	244	629549	69.00	ng	-0.02
Target Compounds						
10) Phenol	6.59	94	24806	4.011	ng	91
49) Dimethylphthalate	9.68	163	156717	14.066	ng	98
70) Phenanthrene	11.50	178	133371	9.325	ng	97
71) Anthracene	11.55	178	32587	2.232	ng	99
74) Fluoranthene	12.70	202	265803	16.861	ng	96
77) Pyrene	12.93	202	242009	16.605	ng	99
80) Benzo(a)anthracene	14.12	228	124084	9.211	ng	98
82) Chrysene	14.16	228	106883	8.625	ng	98
83) Bis(2-ethylhexyl)phthalate	14.08	149	150069	19.588	ng	96
85) Indeno(1,2,3-cd)pyrene	17.27	276	77932	7.410	ng	# 88
87) Benzo(b)fluoranthene	15.22	252	149931m	10.176	ng	
88) Benzo(k)fluoranthene	15.24	252	49753m	3.546	ng	
89) Benzo(a)pyrene	15.61	252	115071m	8.786	ng	
91) Benzo(a,h,i)perylene	17.75	276	80278	7.399	ng	# 90

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

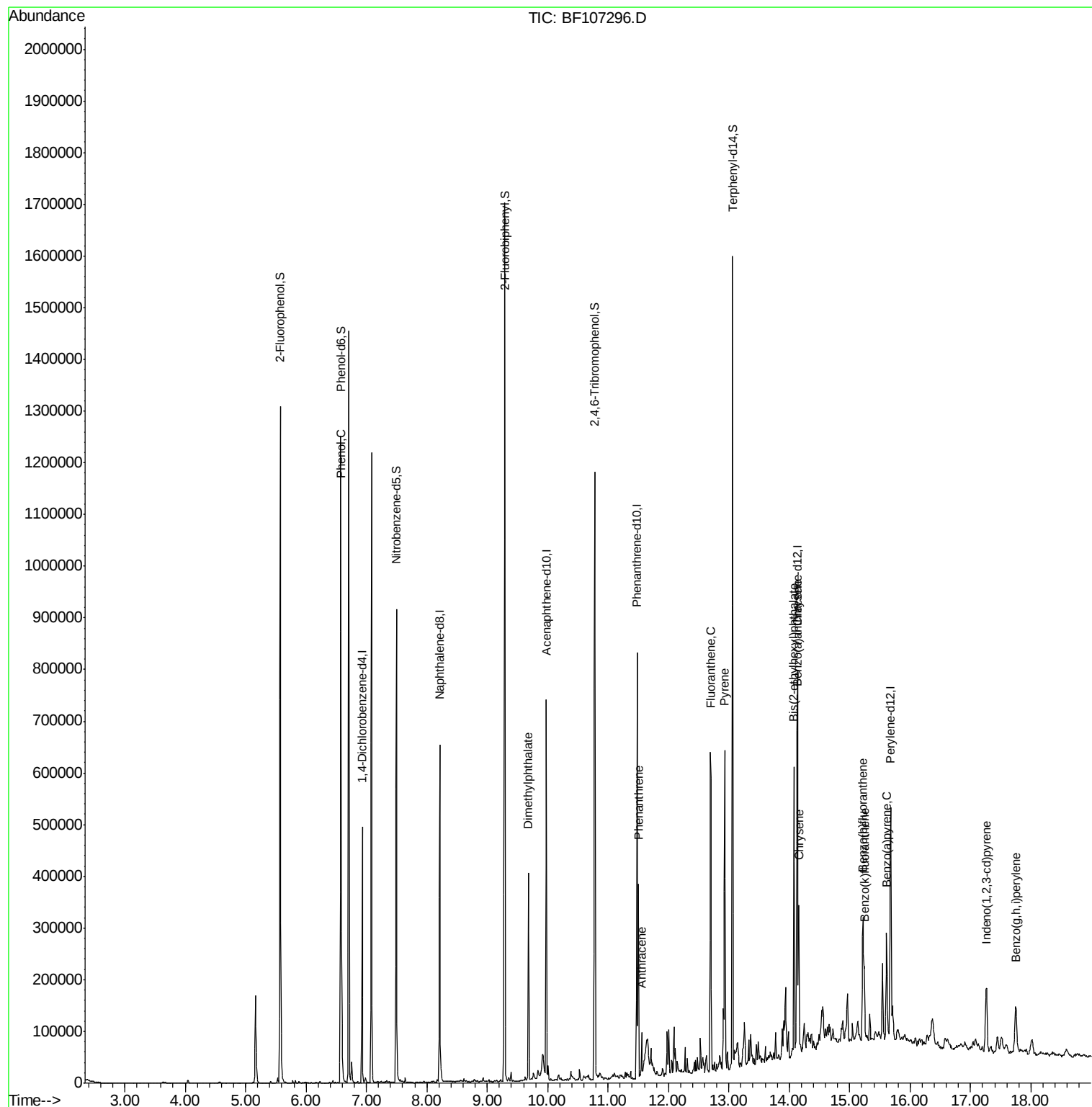
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071118\
Data File : BF107296.D
Acq On : 11 Jul 2018 13:32
Operator : JU/SJ
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#1

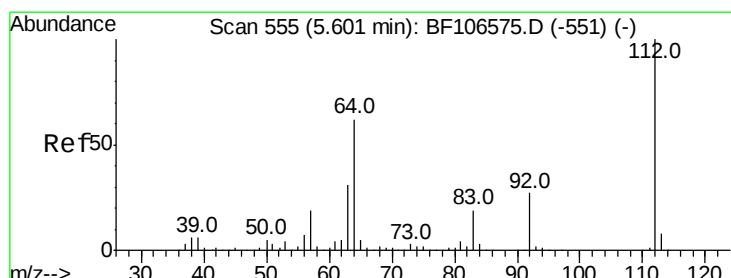
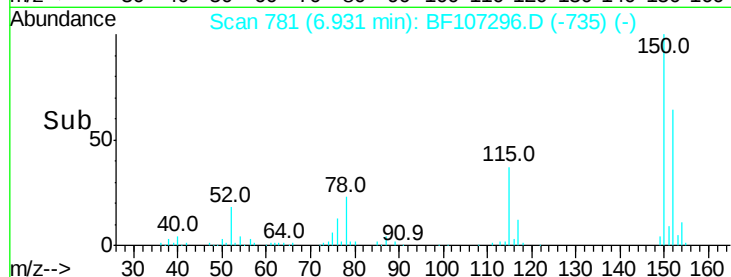
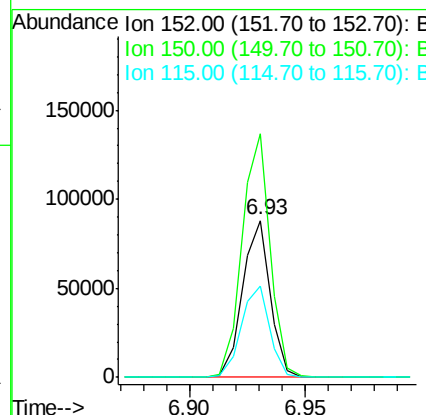
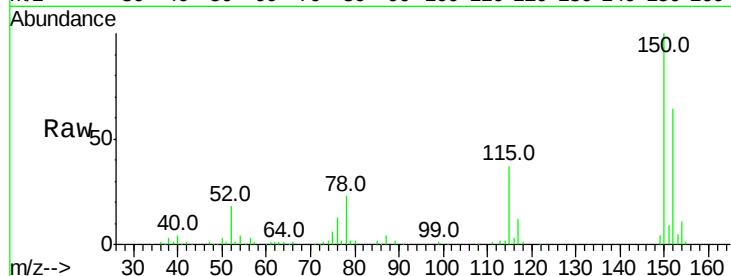
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.93 min Scan# 781
Delta R.T. -0.03 min
Lab File: BF107296.D
Acq: 11 Jul 2018 13:32

Instrument :
BNA_F
ClientSampleId :
EP-8-S1

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.1	124.6	186.8
115	57.8	50.1	75.1

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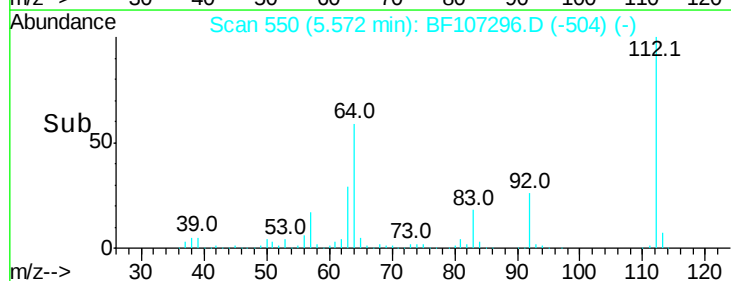
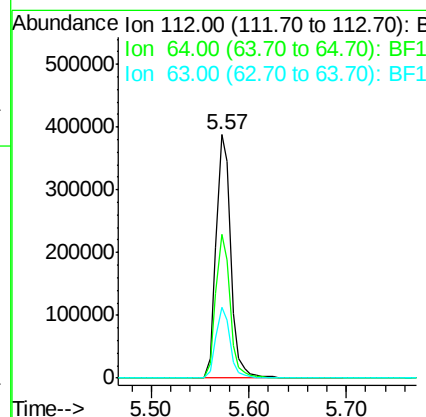
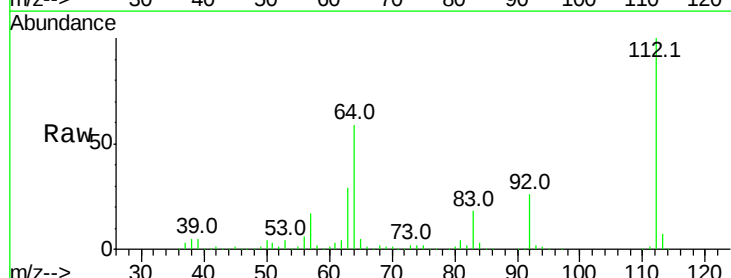
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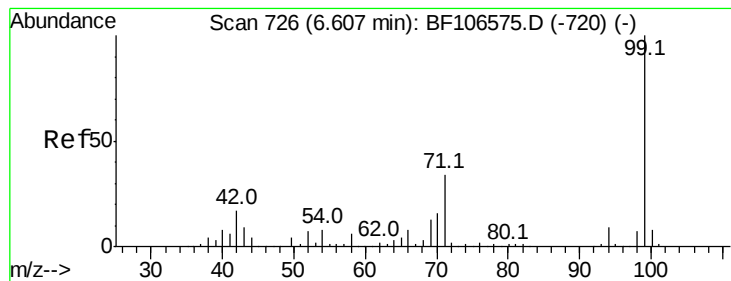


#5

2-Fluorophenol
Concen: 93.576 ng
RT: 5.57 min Scan# 550
Delta R.T. -0.03 min
Lab File: BF107296.D
Acq: 11 Jul 2018 13:32

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.8	47.9	71.9
63	29.1	23.7	35.5





#7

Phenol-d6

Concen: 95.758 ng

RT: 6.58 min Scan# 721

Delta R.T. -0.04 min

Lab File: BF107296.D

Acq: 11 Jul 2018 13:32

Instrument :

BNA_F

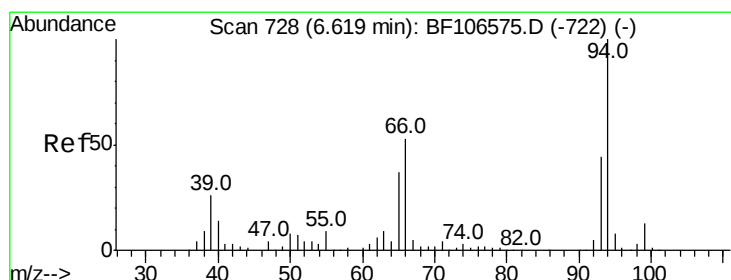
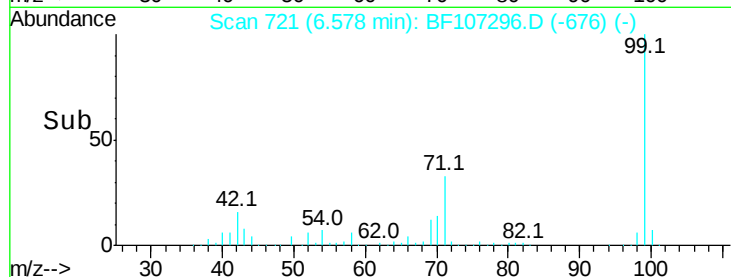
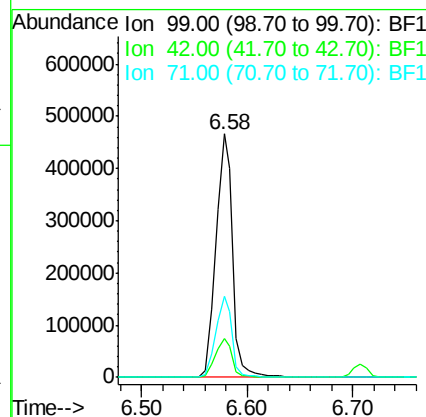
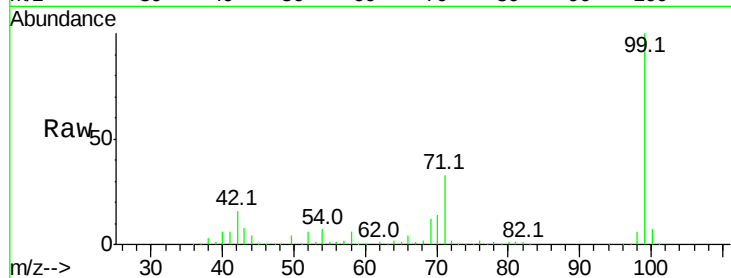
ClientSampled :

EP-8-S1

Tot Ion:	99	Resp:	518939
Ion	Ratio	Lower	Upper
99	100		
42	16.0	14.5	21.7
71	33.5	25.4	38.0

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#10

Phenol

Concen: 4.011 ng

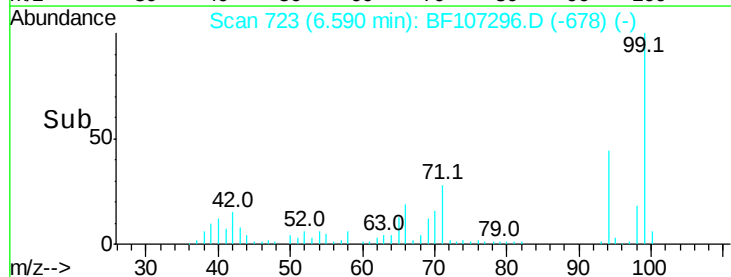
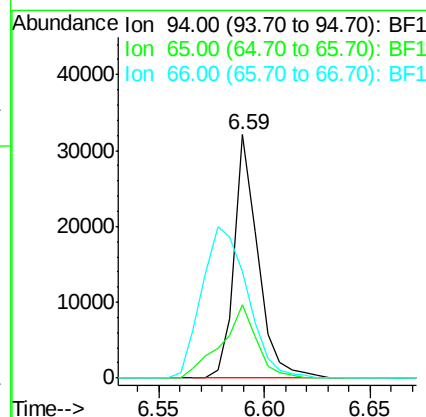
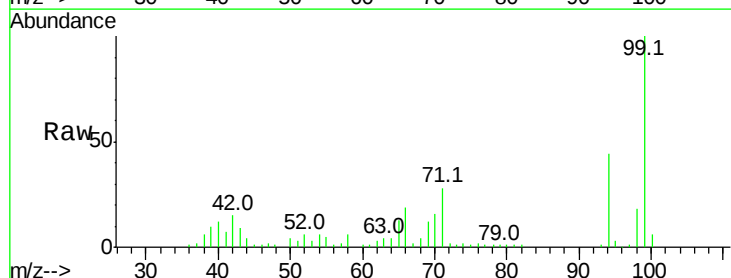
RT: 6.59 min Scan# 723

Delta R.T. -0.04 min

Lab File: BF107296.D

Acq: 11 Jul 2018 13:32

Tgt Ion:	94	Resp:	24806
Ion	Ratio	Lower	Upper
94	100		
65	30.2	7.9	47.9
66	43.8	16.2	56.2





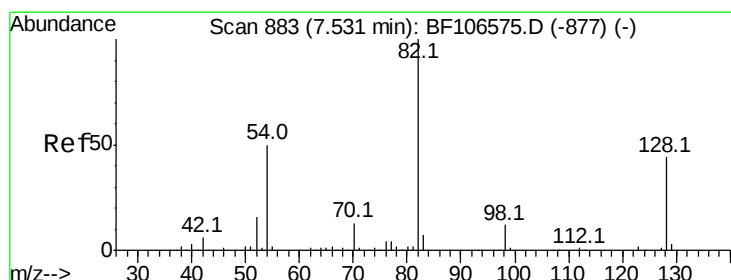
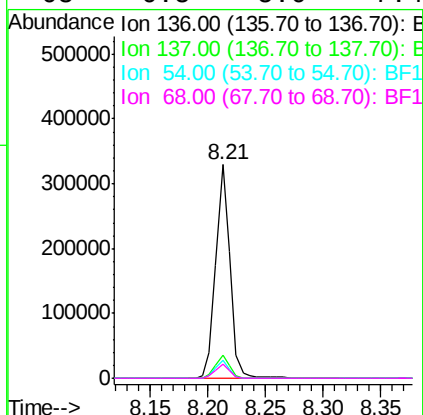
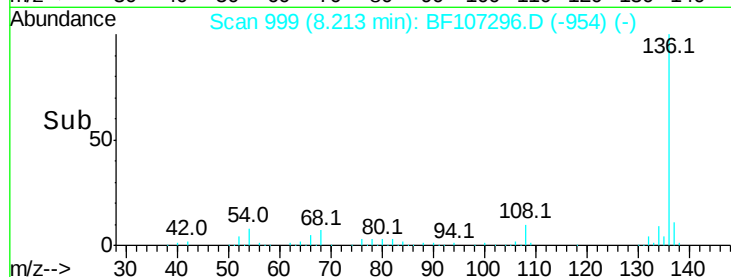
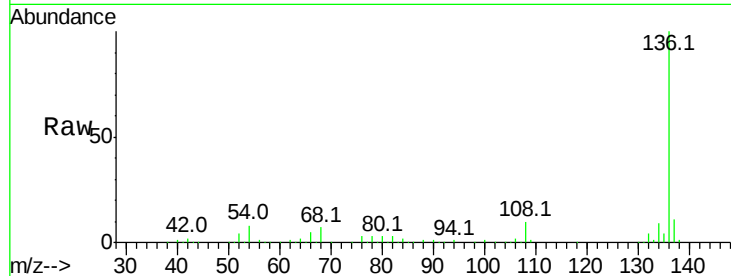
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.21 min Scan# 999
Delta R.T. -0.04 min
Lab File: BF107296.D
Acq: 11 Jul 2018 13:32

Instrument :
BNA_F
ClientSampled :
EP-8-S1

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.6	8.9	13.3	
54	8.2	6.6	9.8	
68	6.5	5.0	7.4	

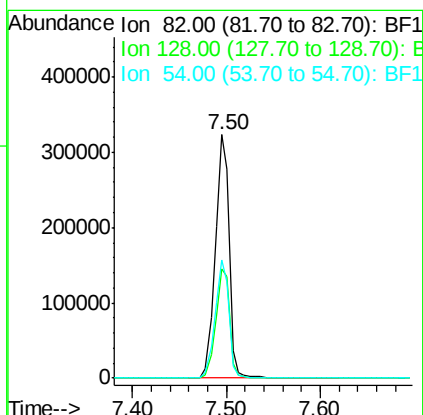
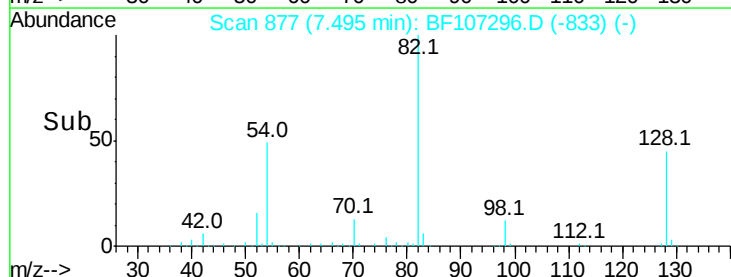
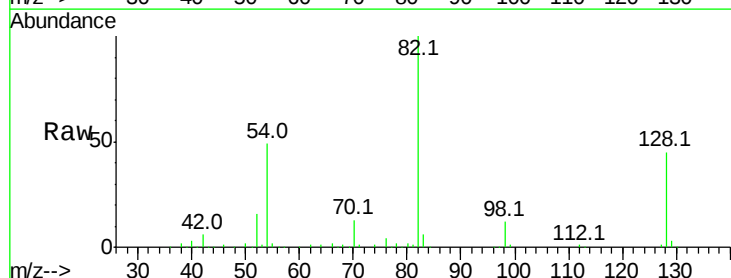
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#23
Nitrobenzene-d5
Concen: 66.218 ng
RT: 7.50 min Scan# 877
Delta R.T. -0.04 min
Lab File: BF107296.D
Acq: 11 Jul 2018 13:32

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	44.8	36.1	54.1	
54	48.7	41.4	62.2	





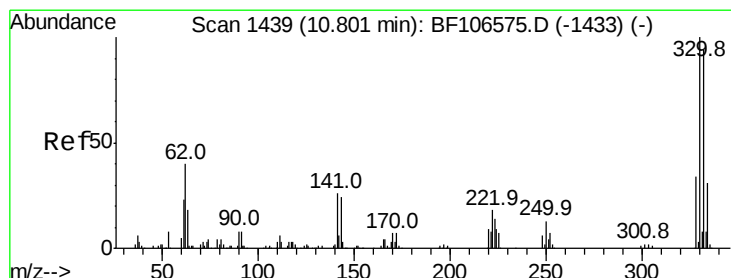
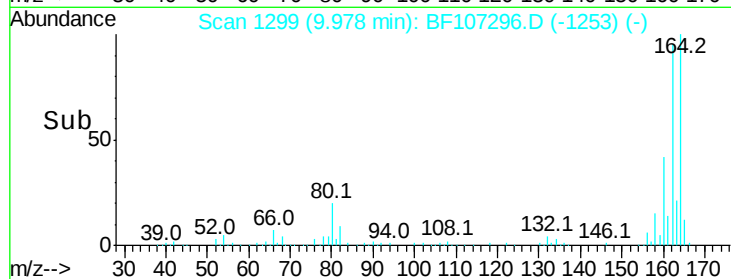
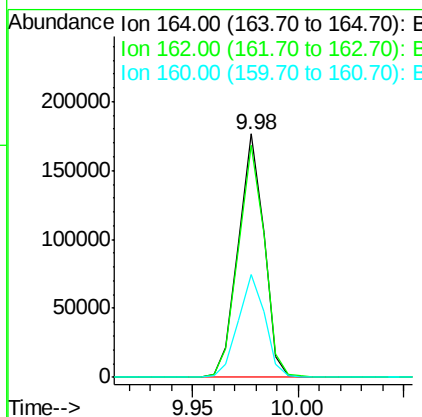
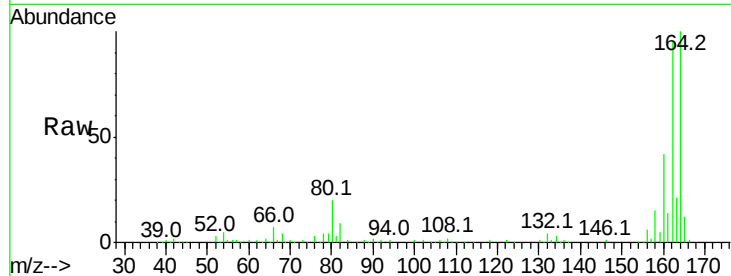
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.98 min Scan# 1299
 Delta R.T. -0.03 min
 Lab File: BF107296.D
 Acq: 11 Jul 2018 13:32

Instrument :
 BNA_F
 ClientSampleId :
 EP-8-S1

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	95.2	86.1	129.1	
160	42.2	38.3	57.5	

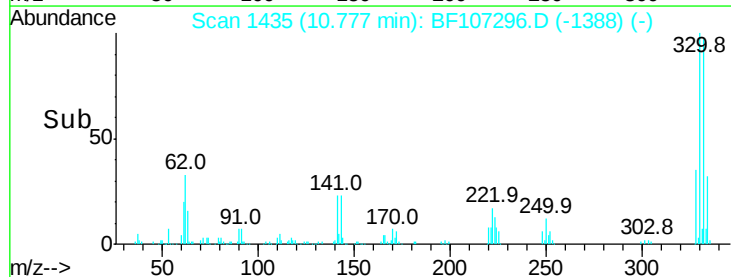
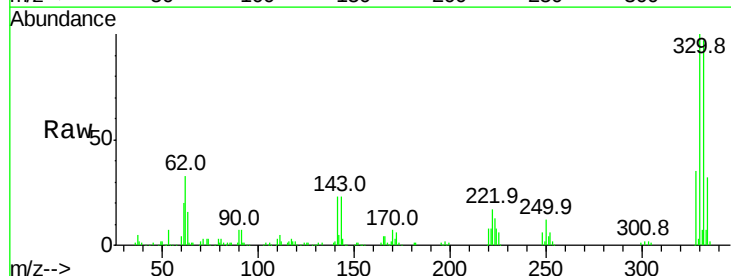
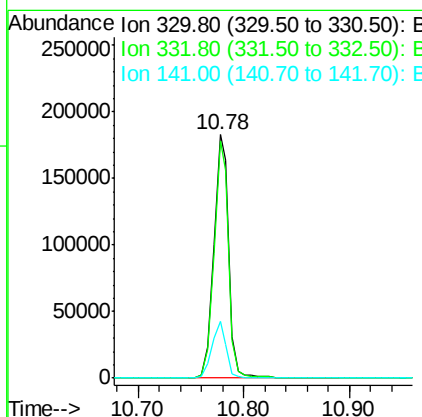
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#41
 2,4,6-Tribromophenol
 Concen: 106.543 ng
 RT: 10.78 min Scan# 1435
 Delta R.T. -0.02 min
 Lab File: BF107296.D
 Acq: 11 Jul 2018 13:32

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.4	77.0	115.6	
141	22.5	29.9	44.9	





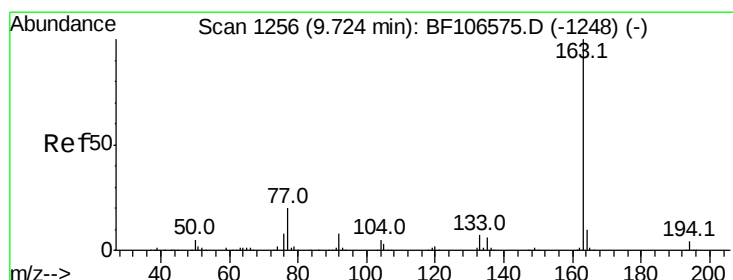
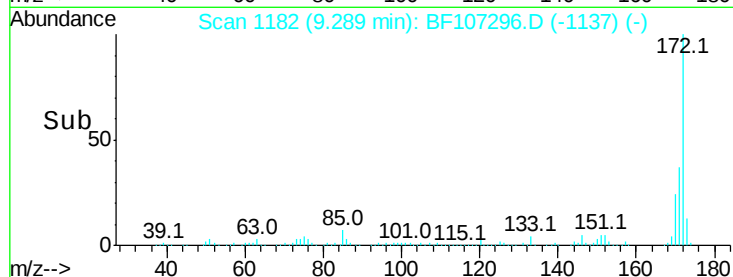
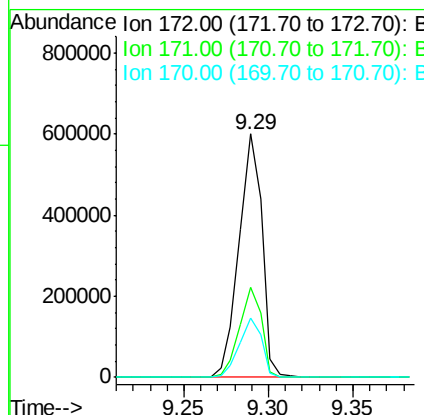
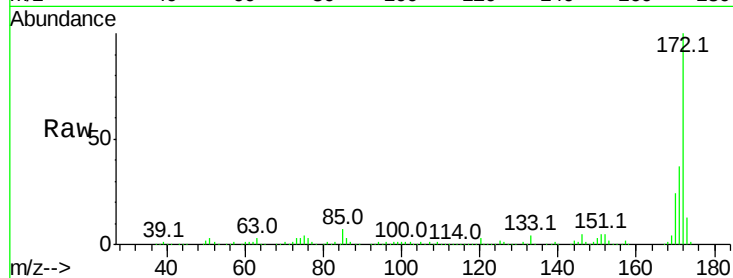
#44
2-Fluorobiphenyl
Concen: 60.433 ng
RT: 9.29 min Scan# 1182
Delta R.T. -0.03 min
Lab File: BF107296.D
Acq: 11 Jul 2018 13:32

Instrument :
BNA_F
ClientSampleId :
EP-8-S1

Tot Ion	Ratio	Resp Lower	Upper
172	100		
171	36.8	29.7	44.5
170	24.2	19.6	29.4

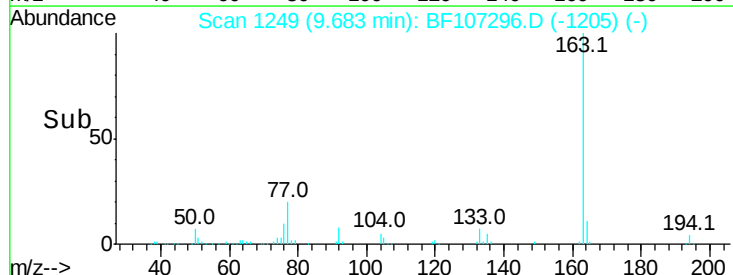
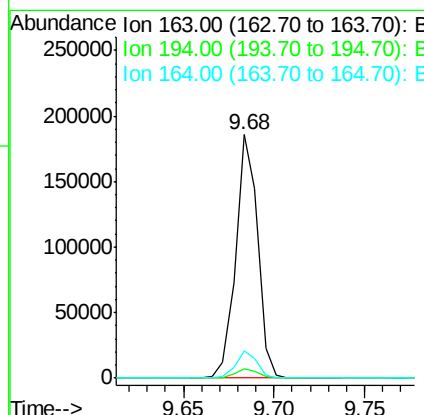
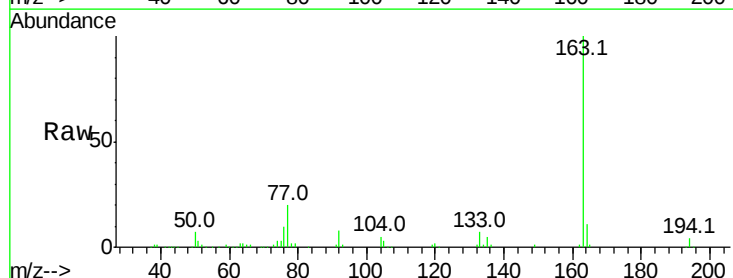
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#49
Dimethylphthalate
Concen: 14.066 ng
RT: 9.68 min Scan# 1249
Delta R.T. -0.04 min
Lab File: BF107296.D
Acq: 11 Jul 2018 13:32

Tgt Ion	Ratio	Resp Lower	Upper
163	100		
194	3.7	2.7	4.1
164	11.0	8.2	12.2





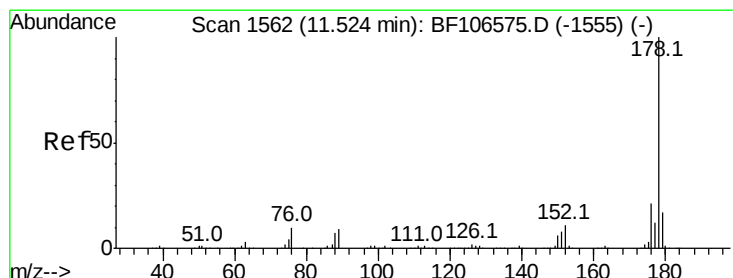
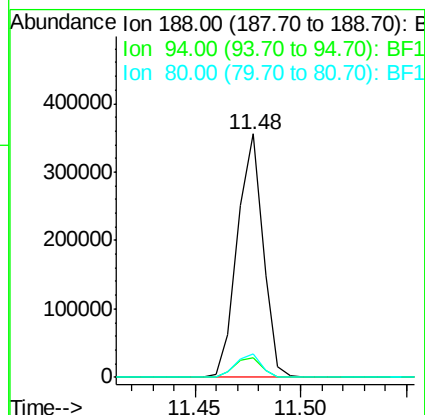
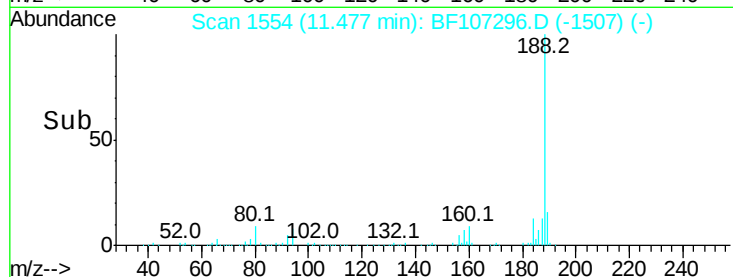
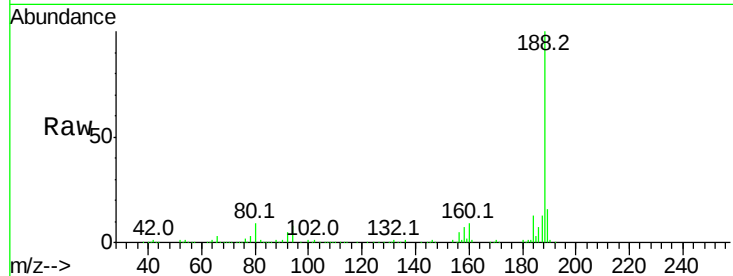
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1554
Delta R.T. -0.02 min
Lab File: BF107296.D
Acq: 11 Jul 2018 13:32

Instrument :
BNA_F
ClientSampleId :
EP-8-S1

Tot Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	8.3	8.5	12.7#
80	9.4	9.2	13.8

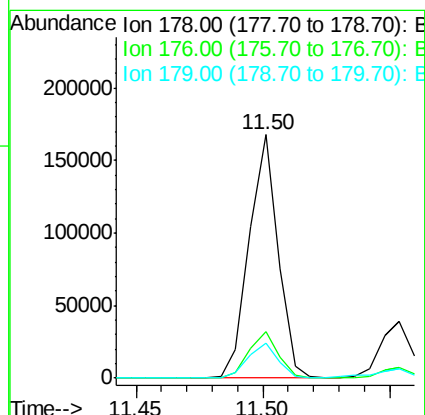
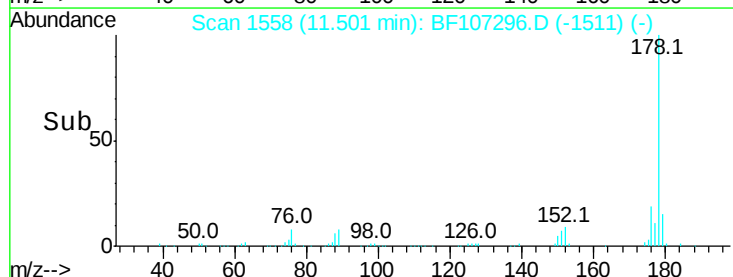
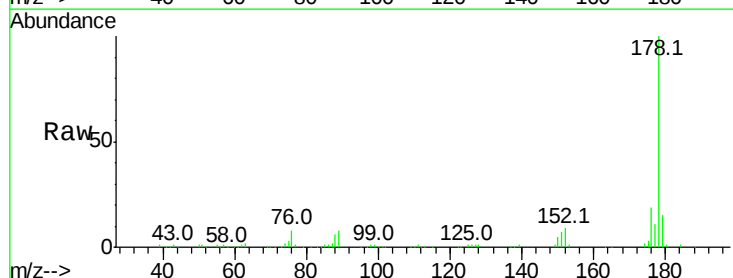
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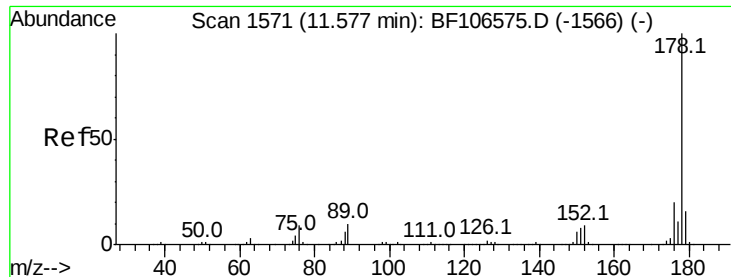
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#70
Phenanthrene
Concen: 9.325 ng
RT: 11.50 min Scan# 1558
Delta R.T. -0.02 min
Lab File: BF107296.D
Acq: 11 Jul 2018 13:32

Tgt Ion	Ratio	Resp Lower	Resp Upper
178	100		
176	19.1	15.8	23.8
179	14.5	13.0	19.6





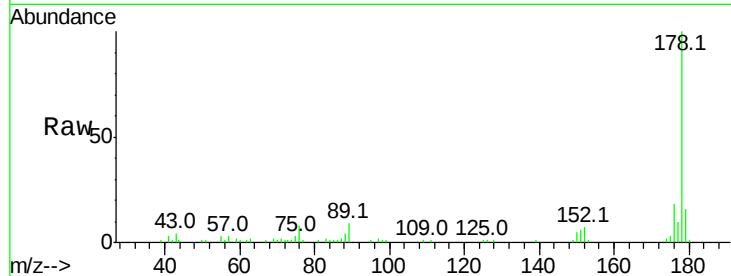
#71
 Anthracene
 Concen: 2.232 ng
 RT: 11.55 min Scan# 1567
 Delta R.T. -0.02 min
 Lab File: BF107296.D
 Acq: 11 Jul 2018 13:32

Instrument :
 BNA_F
 ClientSampled :
 EP-8-S1

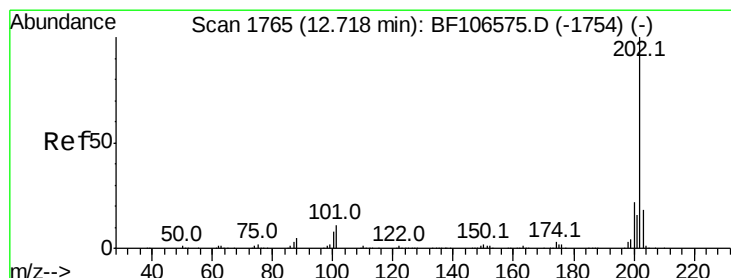
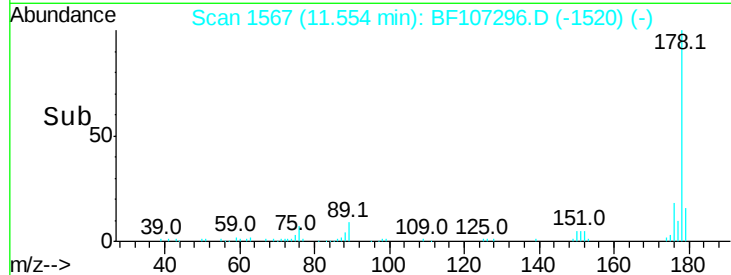
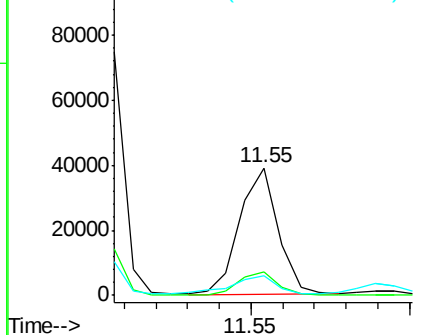
Tot Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.4	23.2
179	15.7	12.6	19.0

Manual Integrations
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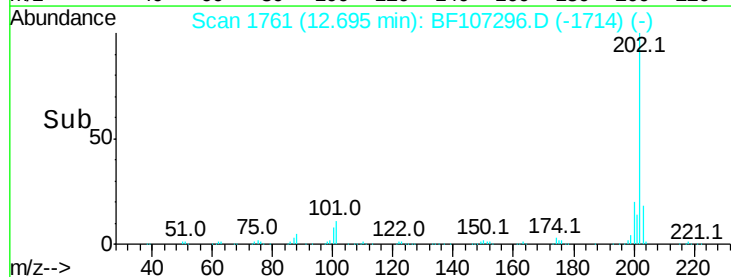
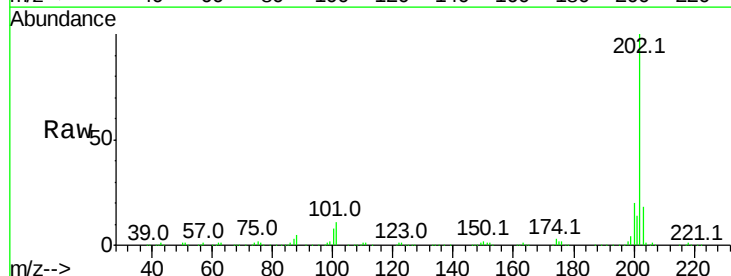
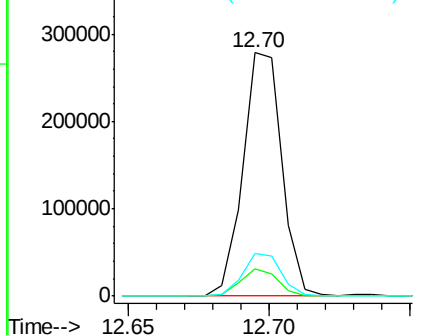
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 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

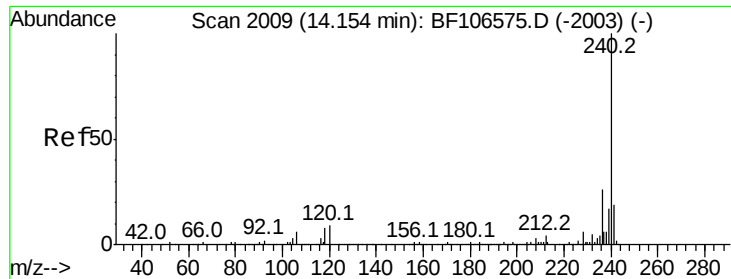


#74
 Fluoranthene
 Concen: 16.861 ng
 RT: 12.70 min Scan# 1761
 Delta R.T. -0.02 min
 Lab File: BF107296.D
 Acq: 11 Jul 2018 13:32

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.2	0.0	34.1
203	17.7	0.0	38.1

Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.14 min Scan# 2006

Delta R.T. -0.03 min

Lab File: BF107296.D

Acq: 11 Jul 2018 13:32

Instrument :

BNA_F

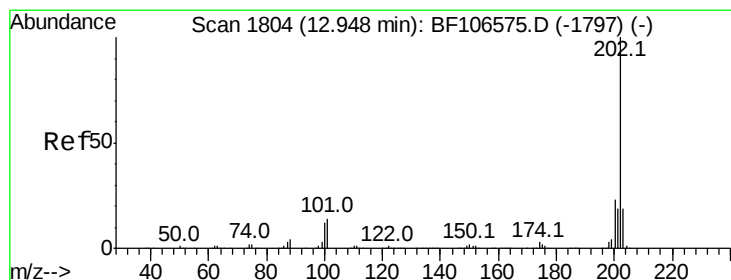
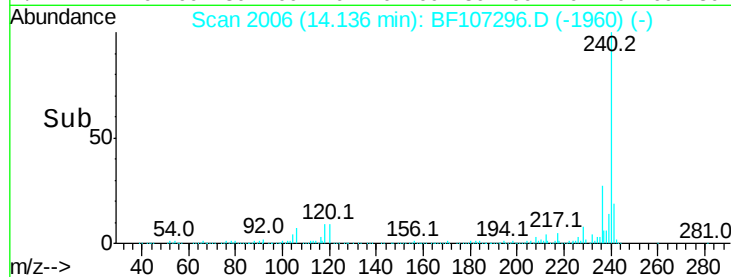
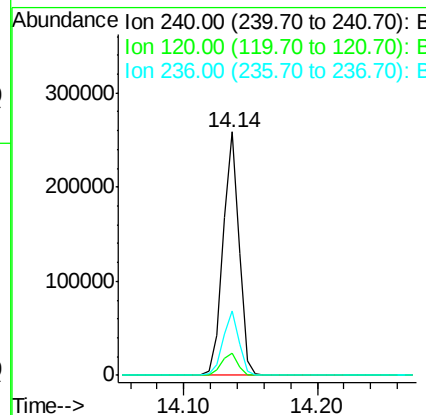
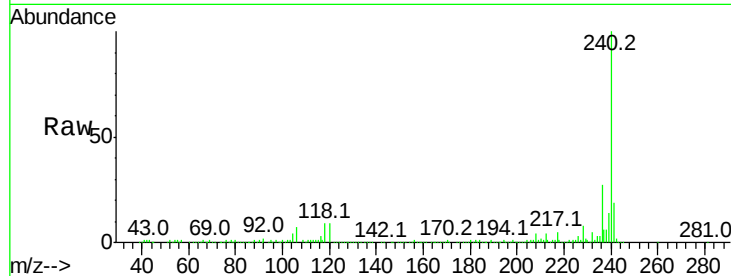
ClientSampled :

EP-8-S1

Tot Ion	Ratio	Lower	Upper
240	100		
120	9.2	9.5	14.3#
236	26.5	20.7	31.1

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#77

Pyrene

Concen: 16.605 ng

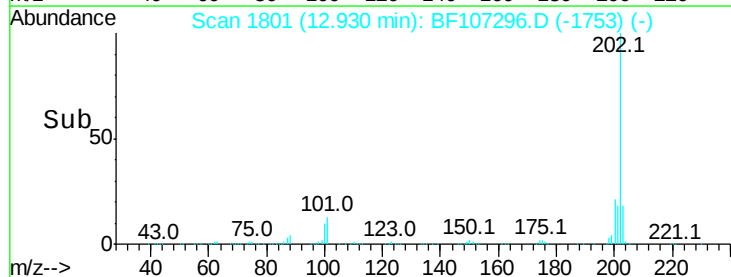
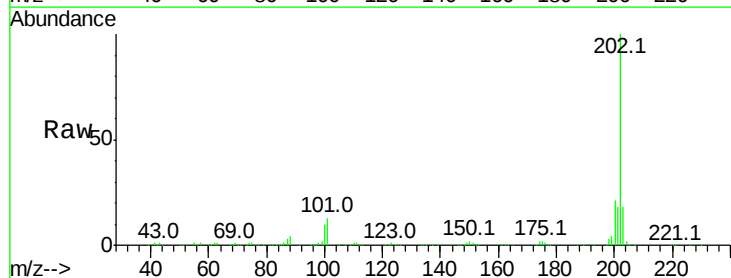
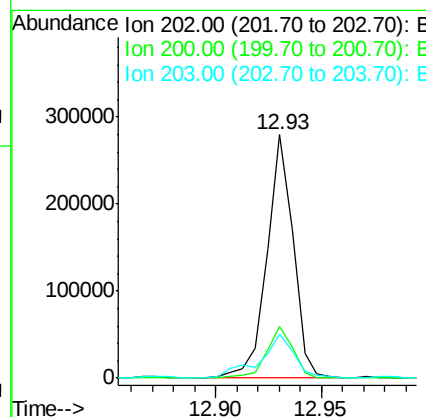
RT: 12.93 min Scan# 1801

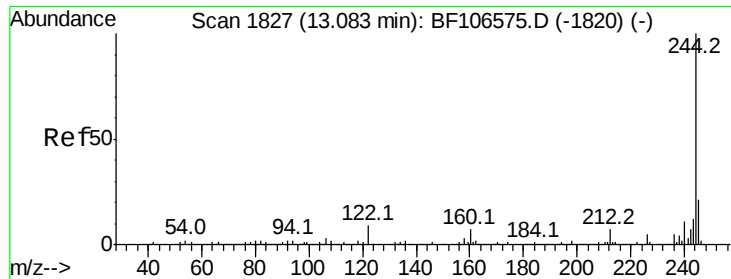
Delta R.T. -0.02 min

Lab File: BF107296.D

Acq: 11 Jul 2018 13:32

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.4	26.2
203	18.0	14.3	21.5





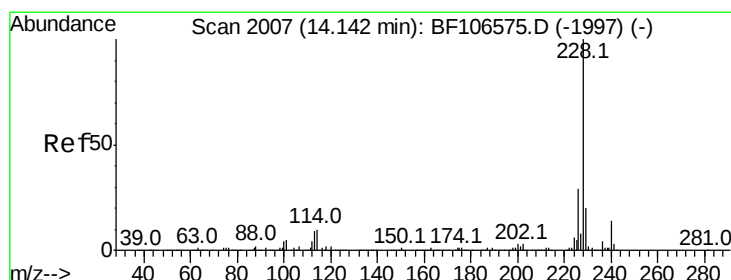
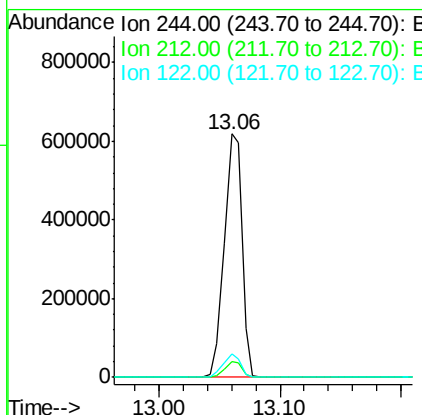
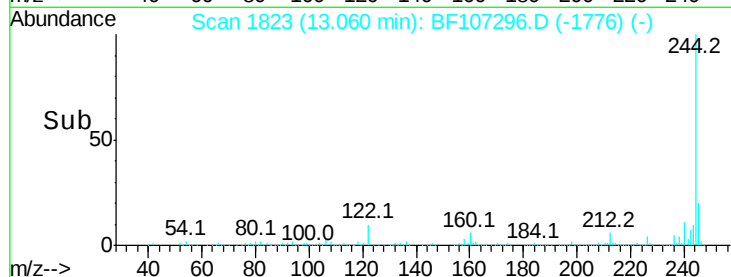
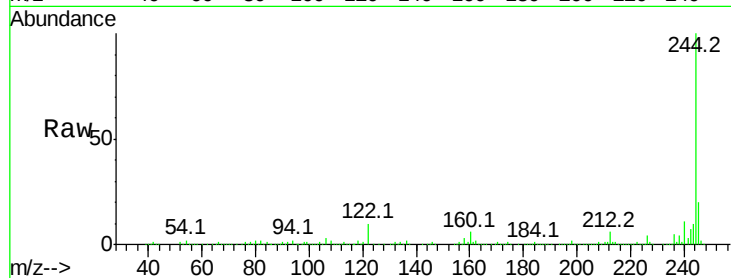
#78
 Terphenyl-d14
 Concen: 68.996 ng
 RT: 13.06 min Scan# 1823
 Delta R.T. -0.02 min
 Lab File: BF107296.D
 Acq: 11 Jul 2018 13:32

Instrument :
 BNA_F
 ClientSampled :
 EP-8-S1

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.4	8.0
122	9.6	11.0	16.4

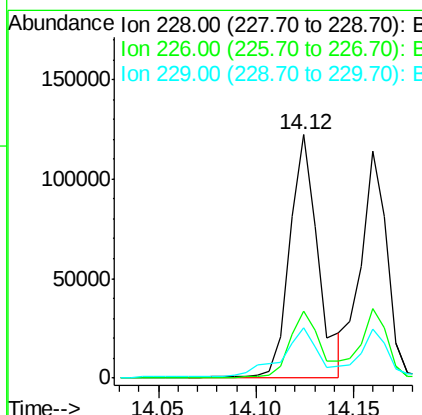
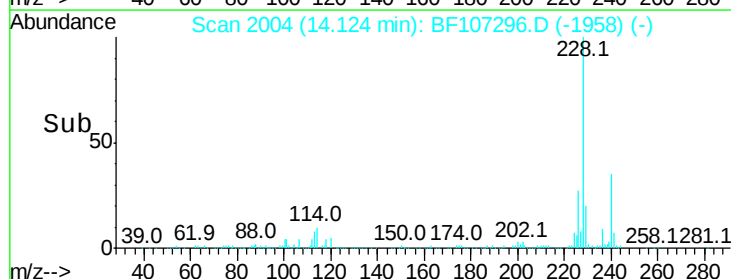
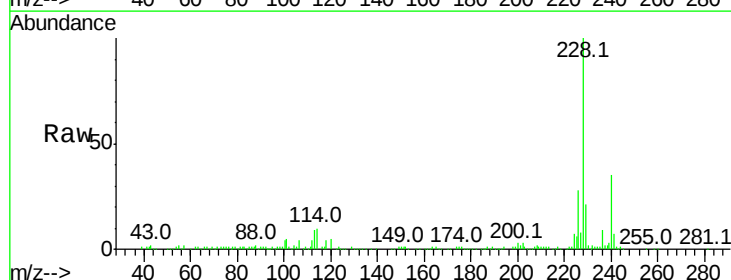
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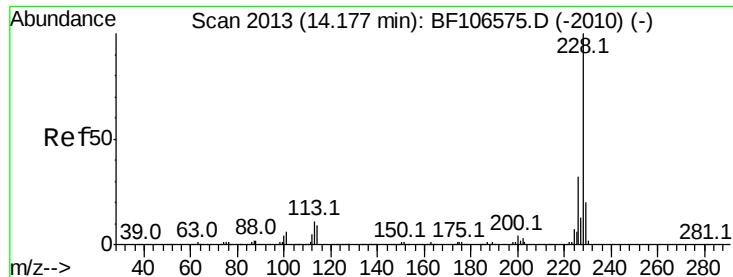
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#80
 Benzo(a)anthracene
 Concen: 9.211 ng
 RT: 14.12 min Scan# 2004
 Delta R.T. -0.03 min
 Lab File: BF107296.D
 Acq: 11 Jul 2018 13:32

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.6	33.8
229	20.7	15.8	23.6





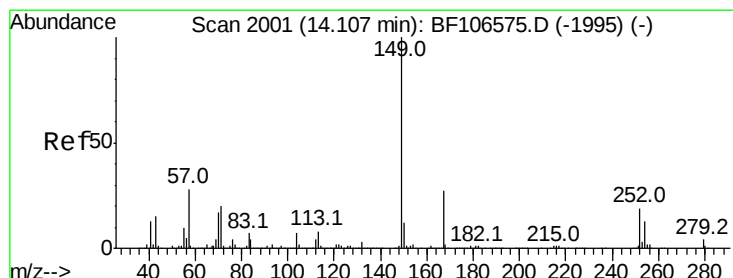
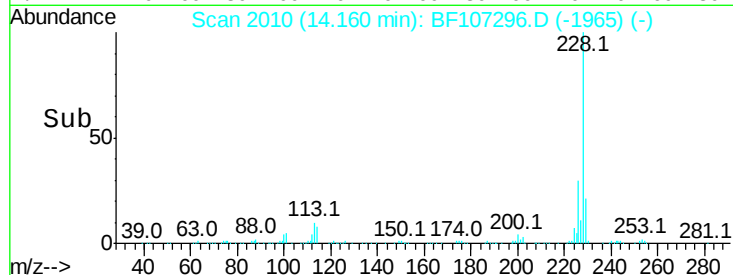
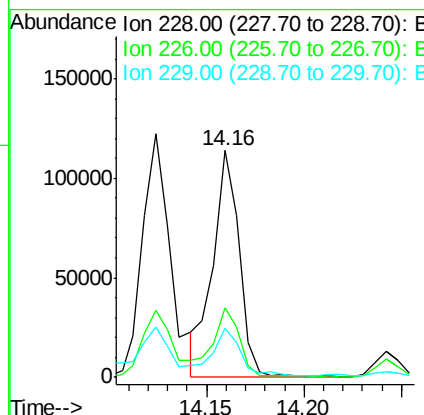
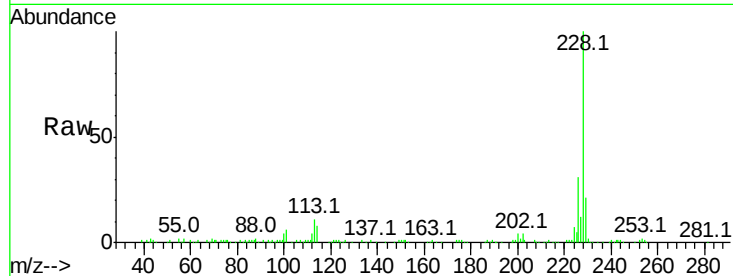
#82
 Chrysene
 Concen: 8.625 ng
 RT: 14.16 min Scan# 2010
 Delta R.T. -0.04 min
 Lab File: BF107296.D
 Acq: 11 Jul 2018 13:32

Instrument :
 BNA_F
 ClientSampleId :
 EP-8-S1

Tot Ion	Ratio	Resp	Lower	Upper
228	100			
226	30.6	25.0	37.6	
229	21.5	16.2	24.4	

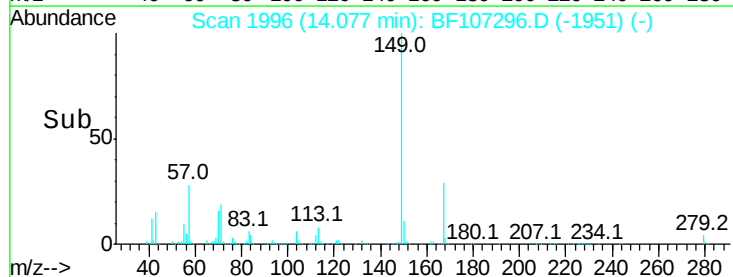
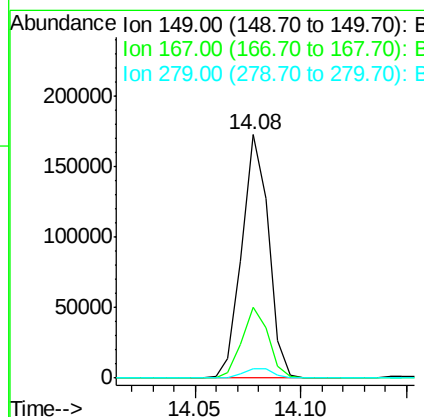
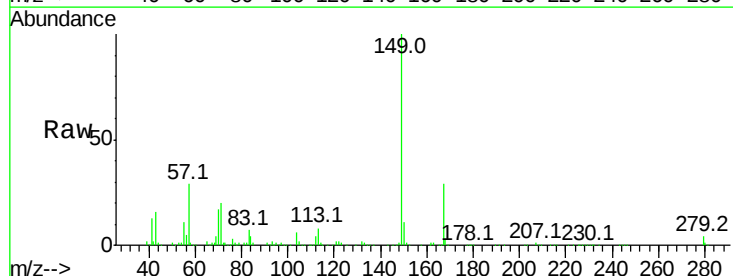
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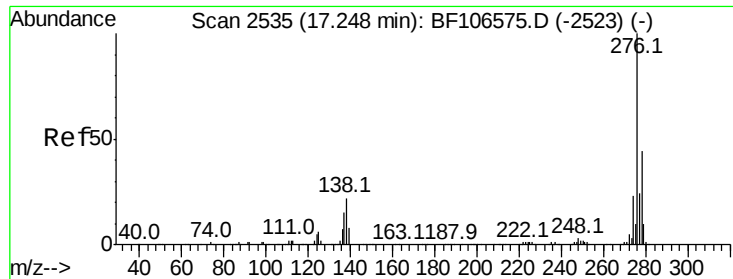
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#83
 Bis(2-ethylhexyl)phthalate
 Concen: 19.588 ng
 RT: 14.08 min Scan# 1996
 Delta R.T. -0.04 min
 Lab File: BF107296.D
 Acq: 11 Jul 2018 13:32

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
167	28.9	21.3	31.9	
279	3.9	3.0	4.4	





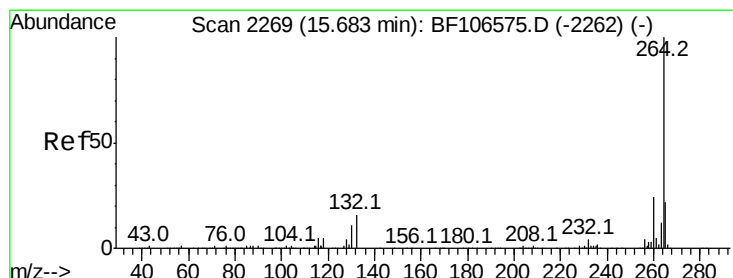
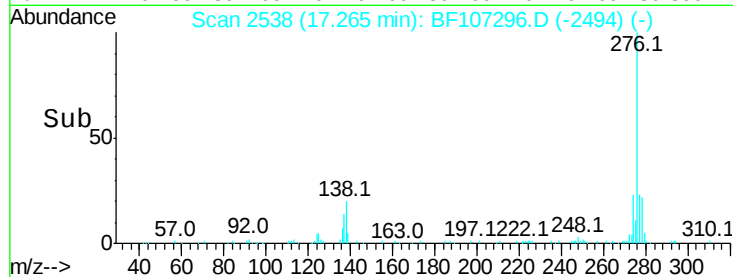
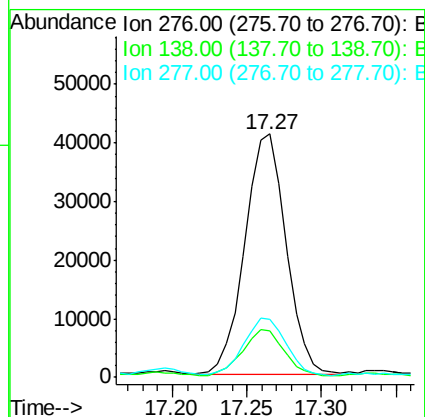
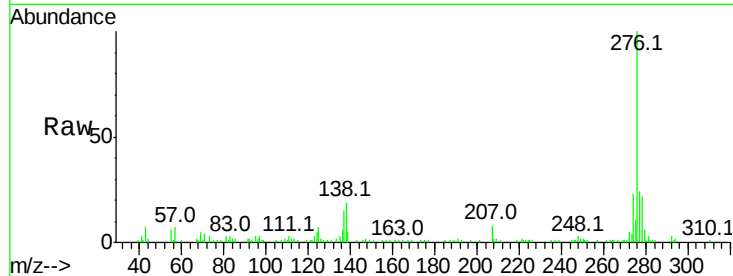
#85
Indeno(1,2,3-cd)pyrene
Concen: 7.410 ng
RT: 17.27 min Scan# 2538
Delta R.T. -0.04 min
Lab File: BF107296.D
Acq: 11 Jul 2018 13:32

Instrument :
BNA_F
ClientSampleId :
EP-8-S1

Tot Ion	Ratio	Lower	Upper
276	100		
138	20.1	25.0	37.6#
277	25.4	20.1	30.1

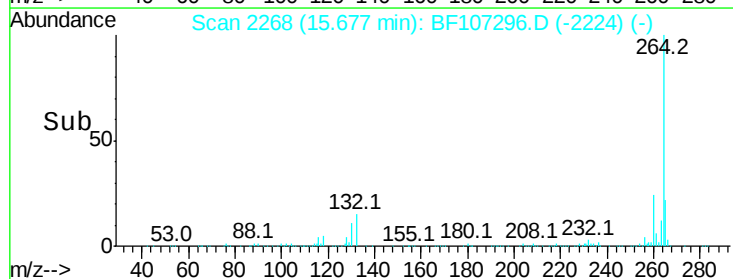
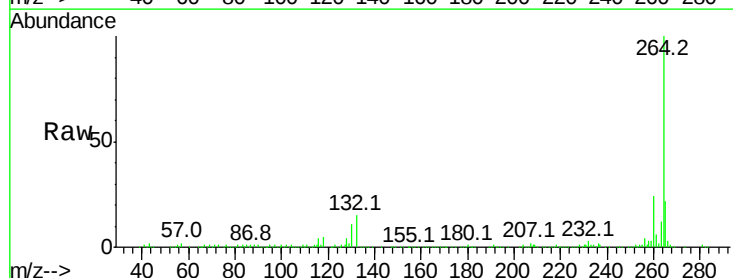
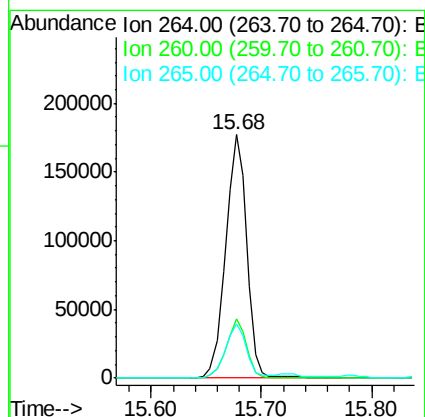
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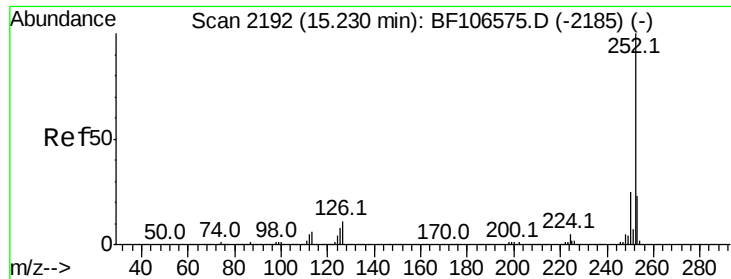
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2268
Delta R.T. -0.04 min
Lab File: BF107296.D
Acq: 11 Jul 2018 13:32

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	22.0	17.5	26.3





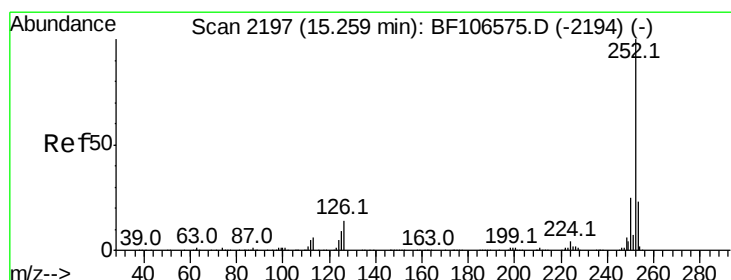
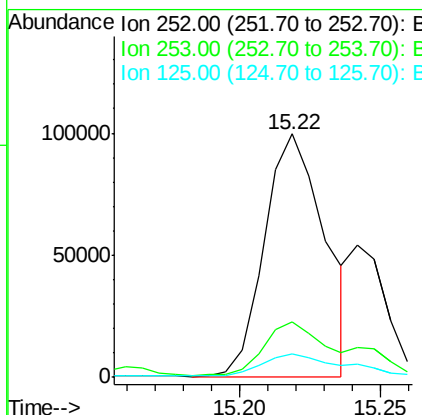
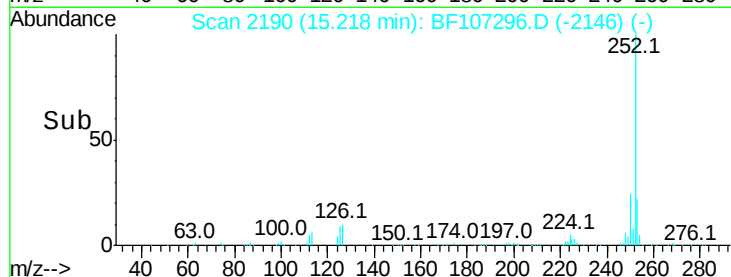
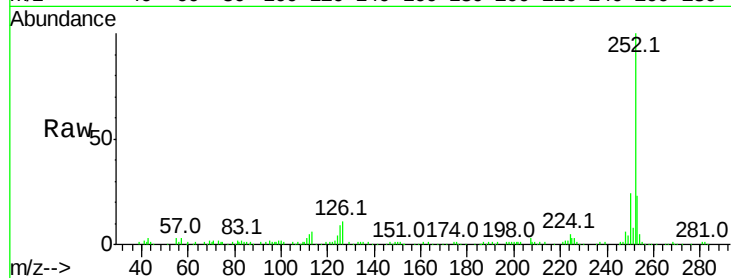
#87
Benzo(b)fluoranthene
Concen: 10.176 ng m
RT: 15.22 min Scan# 2190
Delta R.T. -0.04 min
Lab File: BF107296.D
Acq: 11 Jul 2018 13:32

Instrument :
BNA_F
ClientSampled :
EP-8-S1

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.0	25.6
125	9.4	9.0	13.6

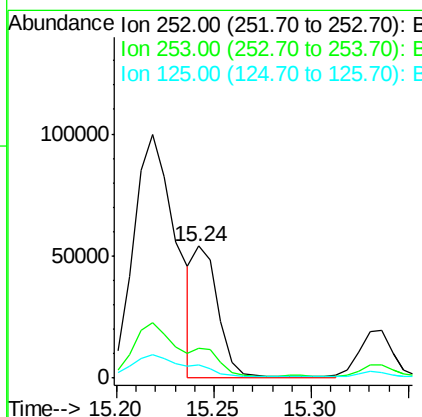
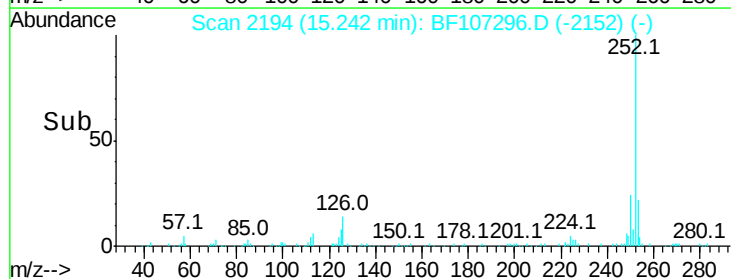
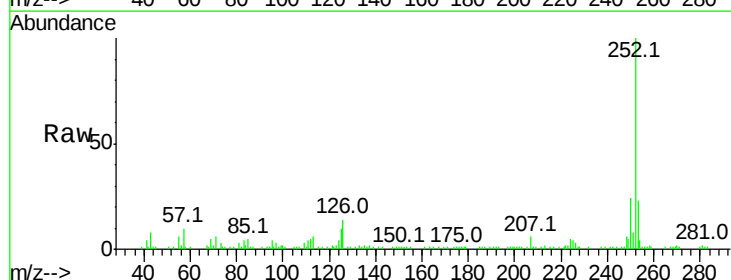
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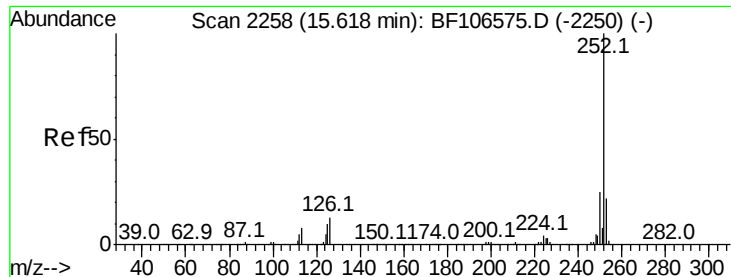
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#88
Benzo(k)fluoranthene
Concen: 3.546 ng m
RT: 15.24 min Scan# 2194
Delta R.T. -0.05 min
Lab File: BF107296.D
Acq: 11 Jul 2018 13:32

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.9	26.9
125	9.7	10.2	15.2#





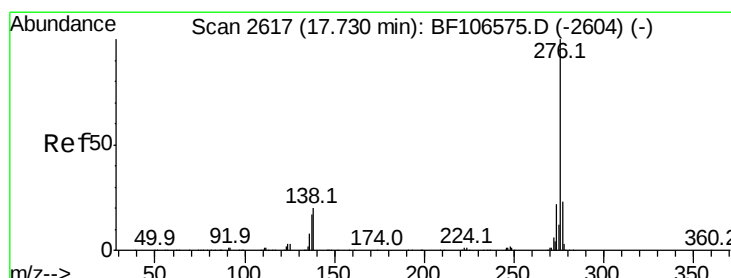
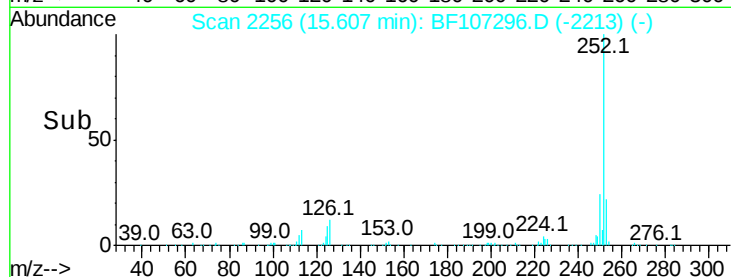
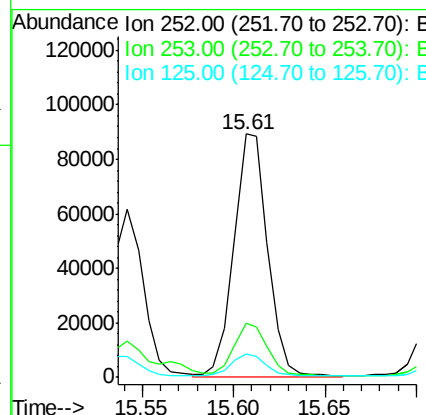
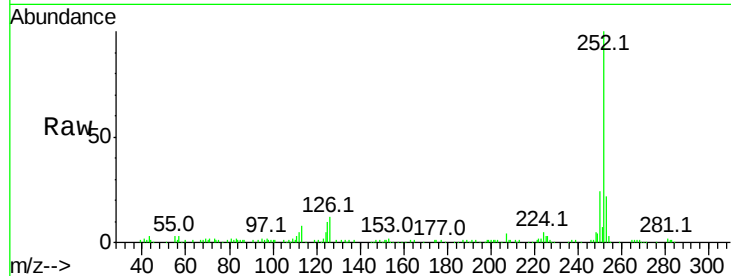
#89
Benzo(a)pyrene
Concen: 8.786 ng/ml
RT: 15.61 min Scan# 2256
Delta R.T. -0.05 min
Lab File: BF107296.D
Acq: 11 Jul 2018 13:32

Instrument :
BNA_F
ClientSampled :
EP-8-S1

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.1	25.7
125	9.8	9.8	14.6

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 7.399 ng/ml
RT: 17.75 min Scan# 2620
Delta R.T. -0.04 min
Lab File: BF107296.D
Acq: 11 Jul 2018 13:32

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.9	17.9	26.9
138	19.7	21.8	32.8

