

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071118\
 Data File : BF107310.D
 Acq On : 11 Jul 2018 19:46
 Operator : JU/SJ
 Sample : J3914-07 2X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NEMH

Manual Integrations
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Quant Time: Jul 12 02:26:49 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 11 16:39:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	66114	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	246448	20.00	ng	0.00
38) Acenaphthene-d10	9.98	164	110328	20.00	ng	0.00
63) Phenanthrene-d10	11.48	188	195586	20.00	ng	0.00
75) Chrysene-d12	14.14	240	173815	20.00	ng	0.00
86) Perylene-d12	15.68	264	119788	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	175844	45.04	ng	0.00
7) Phenol-d6	6.58	99	222745	45.68	ng	0.00
23) Nitrobenzene-d5	7.50	82	127946	28.85	ng	0.00
41) 2,4,6-Tribromophenol	10.78	330	51228	40.06	ng	0.00
44) 2-Fluorobiphenyl	9.29	172	243938	27.43	ng	0.00
78) Terphenyl-d14	13.07	244	244044	34.01	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.68	163	44426	5.369	ng	99
70) Phenanthrene	11.50	178	90527	9.596	ng	98
71) Anthracene	11.55	178	21649	2.248	ng	96
74) Fluoranthene	12.70	202	177652	17.086	ng	96
77) Pyrene	12.94	202	163030	14.224	ng	99
80) Benzo(a)anthracene	14.13	228	85322m	8.054	ng	
82) Chrysene	14.17	228	88810m	9.112	ng	
85) Indeno(1,2,3-cd)pyrene	17.28	276	38013	4.596	ng	# 86
87) Benzo(b)fluoranthene	15.22	252	92849m	12.478	ng	
88) Benzo(k)fluoranthene	15.25	252	25182m	3.554	ng	
89) Benzo(a)pyrene	15.62	252	57605	8.708	ng	98
91) Benzo(a,h,i)perylene	17.77	276	38167	6.965	ng	# 87

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

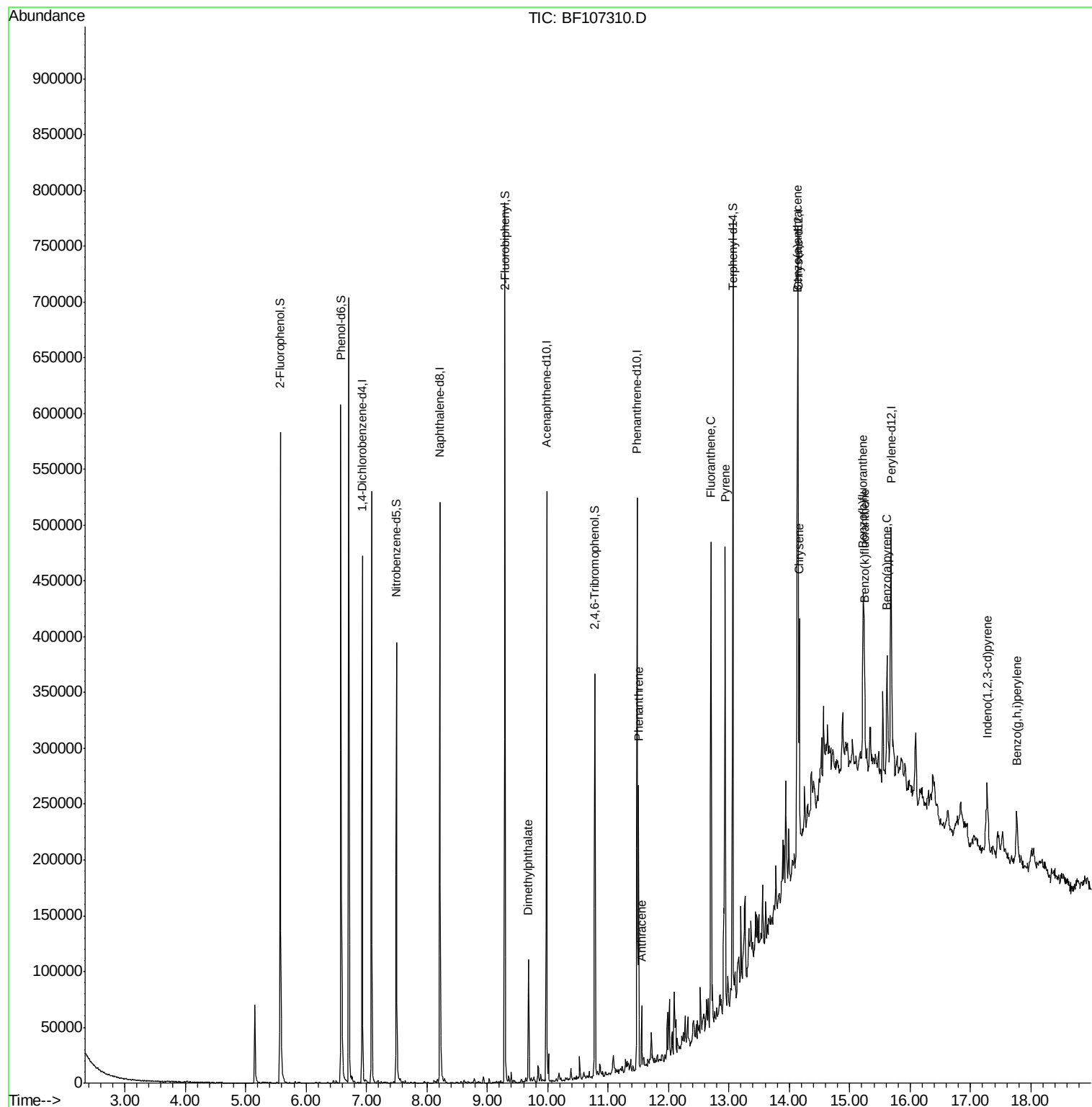
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071118\
Data File : BF107310.D
Acq On : 11 Jul 2018 19:46
Operator : JU/SJ
Sample : J3914-07 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

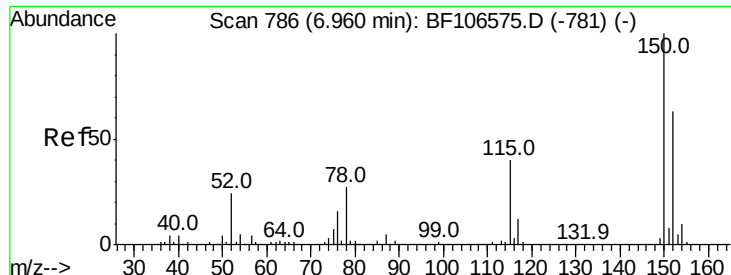
Instrument :
BNA_F
ClientSampled :
NEMH

Quant Time: Jul 12 02:26:49 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 11 16:39:37 2018
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#1

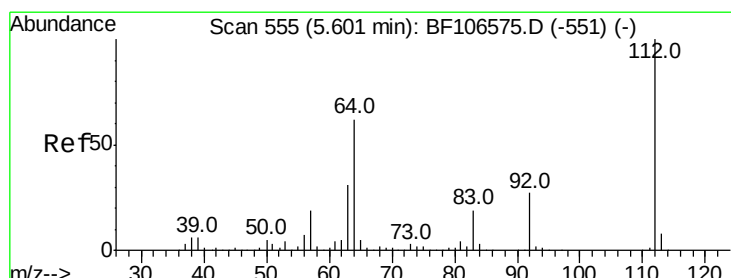
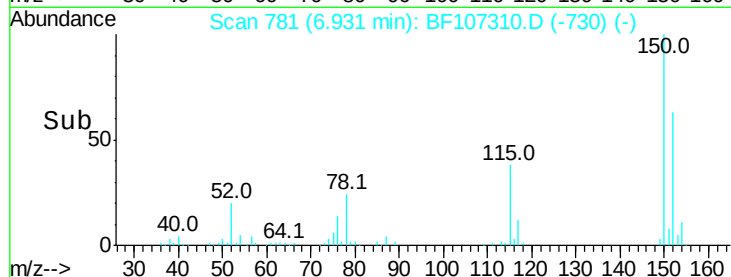
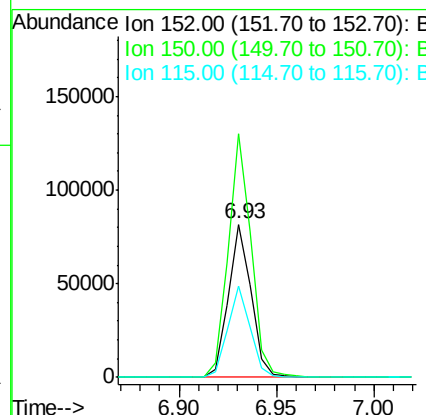
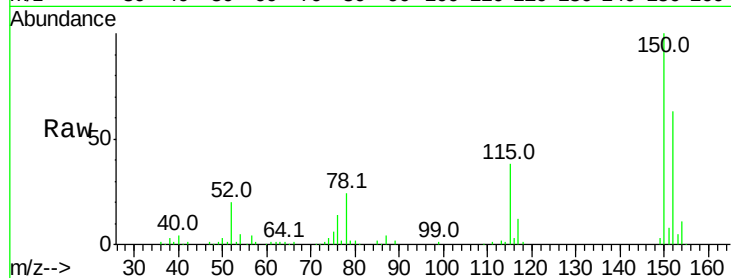
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.93 min Scan# 781
Delta R.T. -0.00 min
Lab File: BF107310.D
Acq: 11 Jul 2018 19:46

Instrument :
BNA_F
ClientSampled :
NEMH

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.9	124.6	186.8
115	59.8	50.1	75.1

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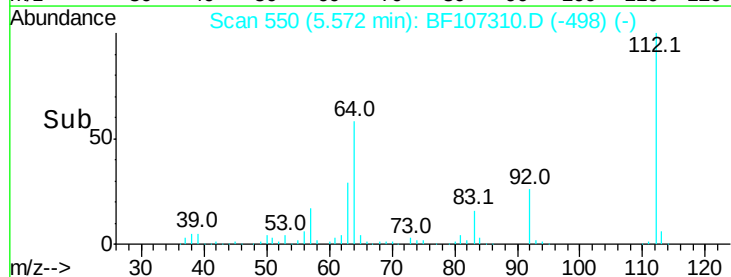
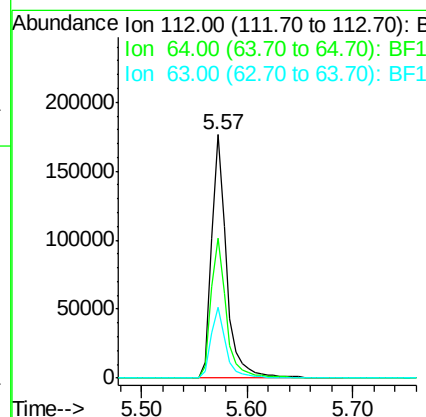
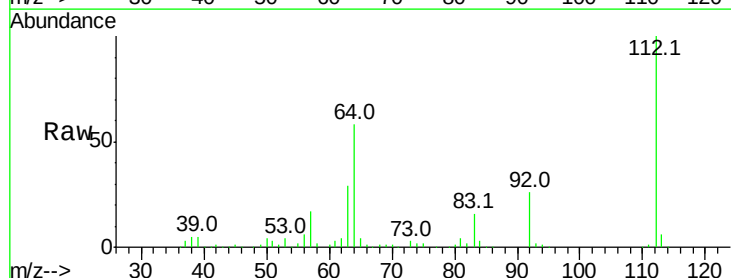
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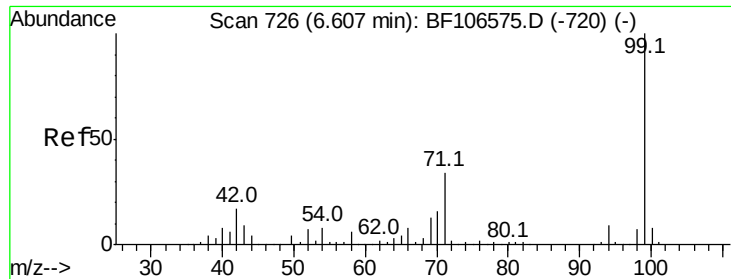


#5

2-Fluorophenol
Concen: 45.037 ng
RT: 5.57 min Scan# 550
Delta R.T. 0.01 min
Lab File: BF107310.D
Acq: 11 Jul 2018 19:46

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.5	47.9	71.9
63	28.8	23.7	35.5





#7

Phenol-d6

Concen: 45.683 ng

RT: 6.58 min Scan# 721

Delta R.T. -0.00 min

Lab File: BF107310.D

Acq: 11 Jul 2018 19:46

Instrument :

BNA_F

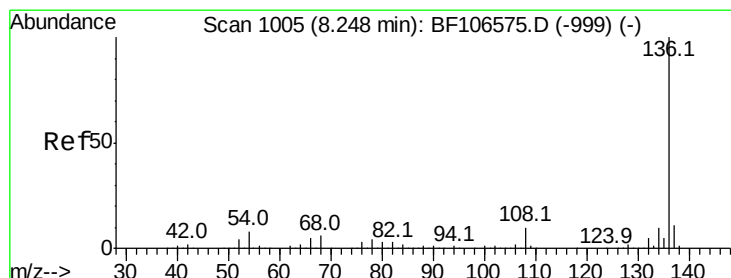
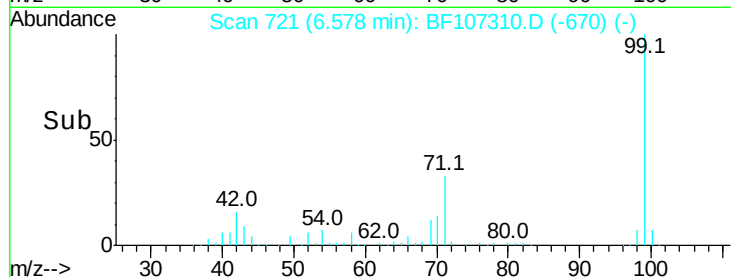
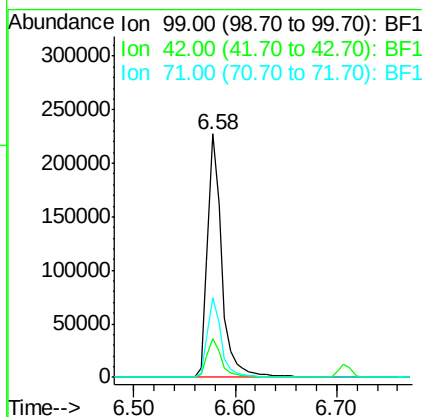
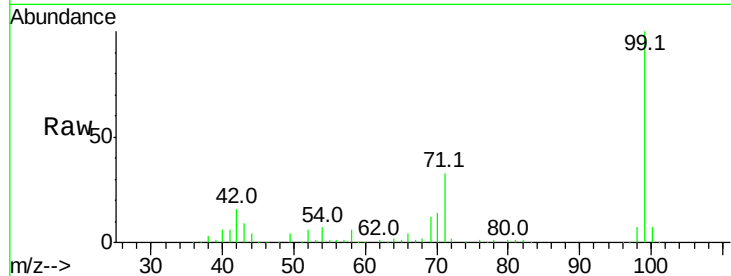
ClientSampleId :

NEMH

Tot Ion:	99	Resp:	222745
Ion Ratio	Lower	Upper	
99	100		
42	16.1	14.5	21.7
71	33.0	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

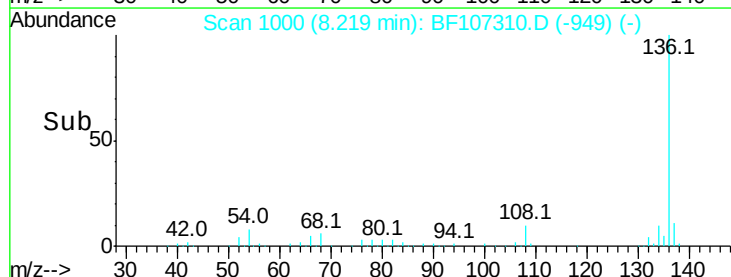
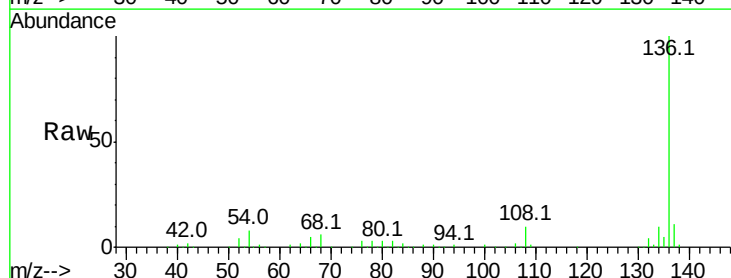
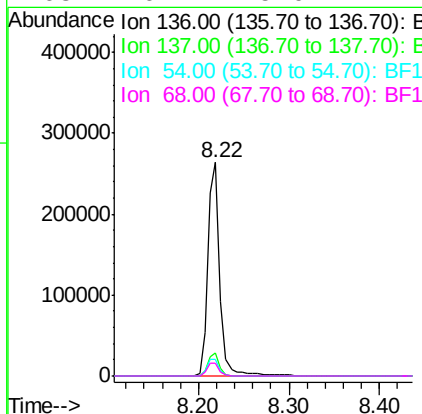
RT: 8.22 min Scan# 1000

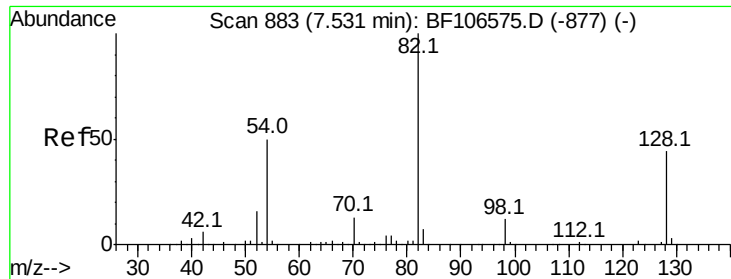
Delta R.T. -0.00 min

Lab File: BF107310.D

Acq: 11 Jul 2018 19:46

Tgt Ion:	136	Resp:	246448
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.9	13.3
54	7.6	6.6	9.8
68	6.2	5.0	7.4





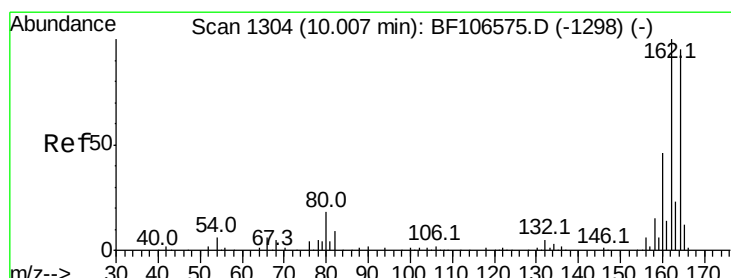
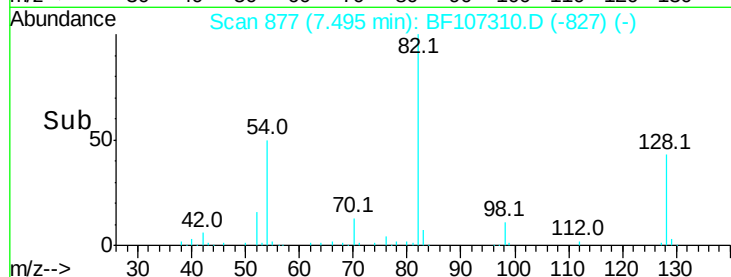
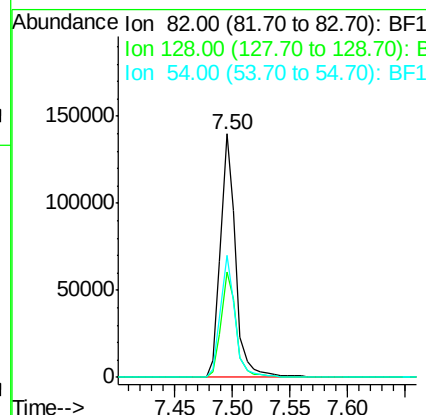
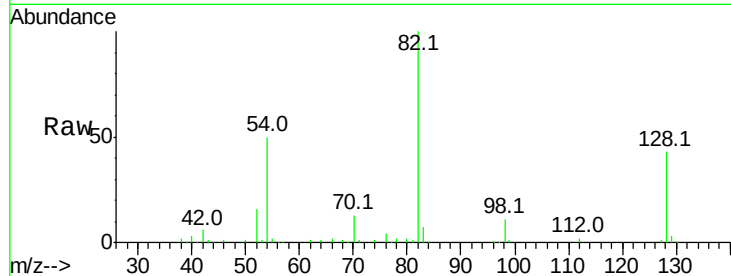
#23
 Nitrobenzene-d5
 Concen: 28.852 ng
 RT: 7.50 min Scan# 877
 Delta R.T. -0.01 min
 Lab File: BF107310.D
 Acq: 11 Jul 2018 19:46

Instrument :
 BNA_F
 ClientSampled :
 NEMH

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.5	36.1	54.1
54	50.0	41.4	62.2

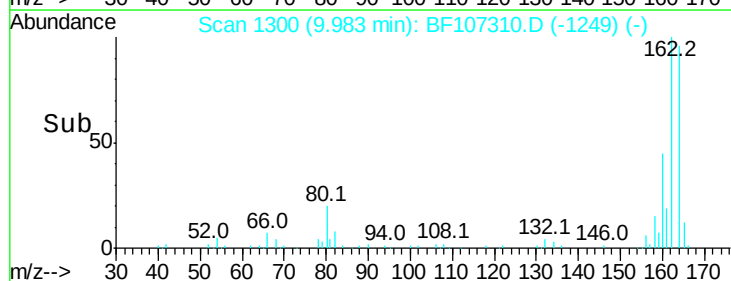
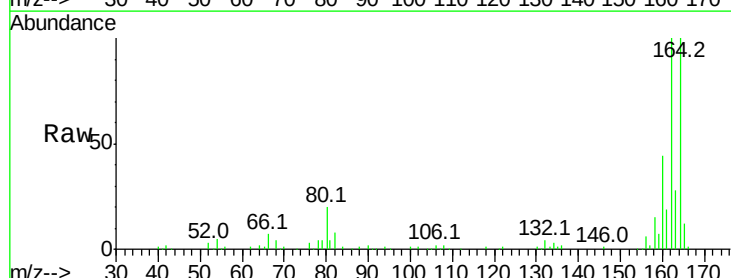
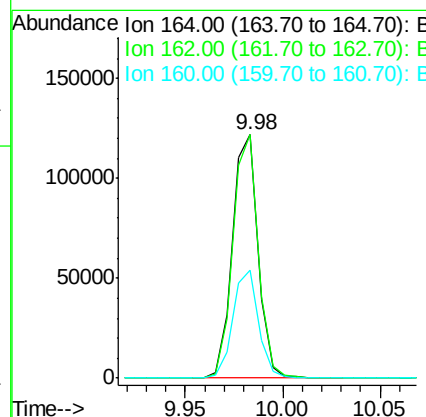
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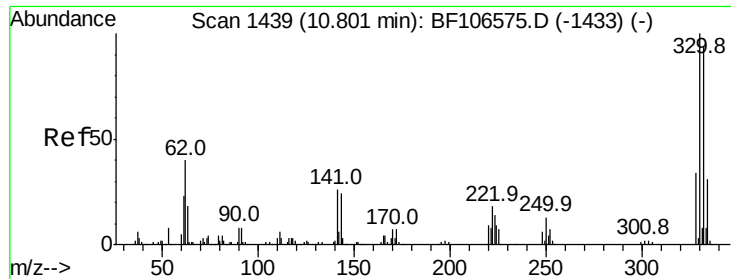
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.98 min Scan# 1300
 Delta R.T. -0.00 min
 Lab File: BF107310.D
 Acq: 11 Jul 2018 19:46

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.9	86.1	129.1
160	44.4	38.3	57.5





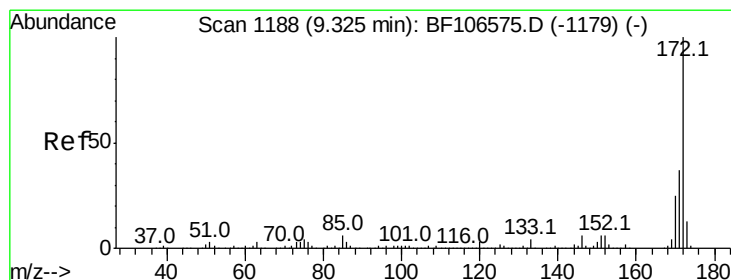
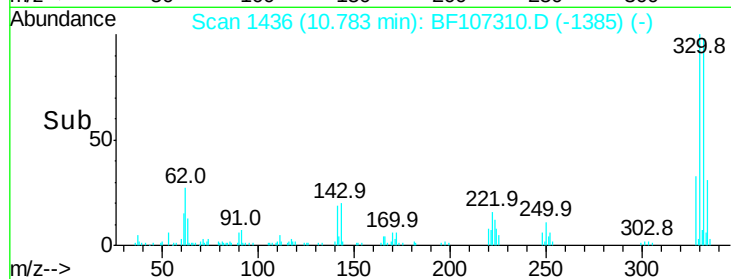
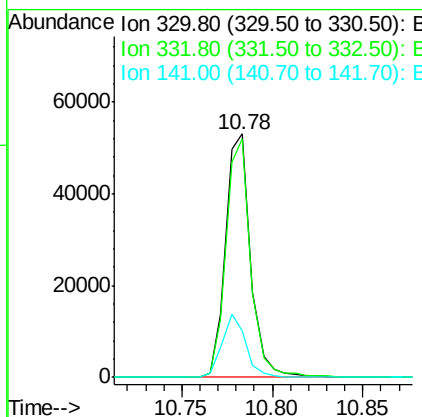
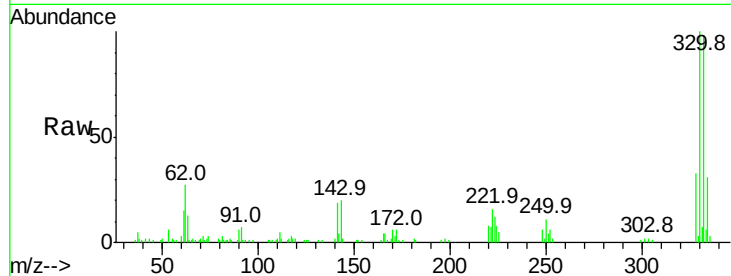
#41
 2,4,6-Tribromophenol
 Concen: 40.062 ng
 RT: 10.78 min Scan# 1436
 Delta R.T. -0.00 min
 Lab File: BF107310.D
 Acq: 11 Jul 2018 19:46

Instrument :
 BNA_F
 ClientSampleId :
 NEMH

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.3	77.0	115.6	
141	24.6	29.9	44.9	

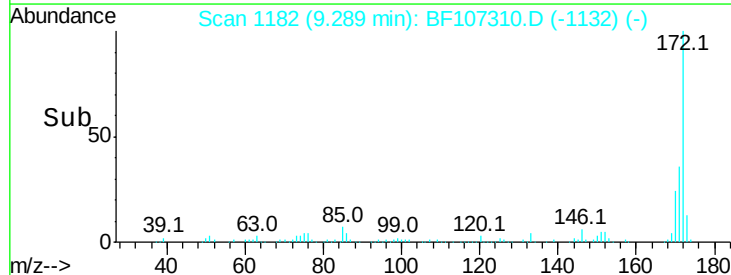
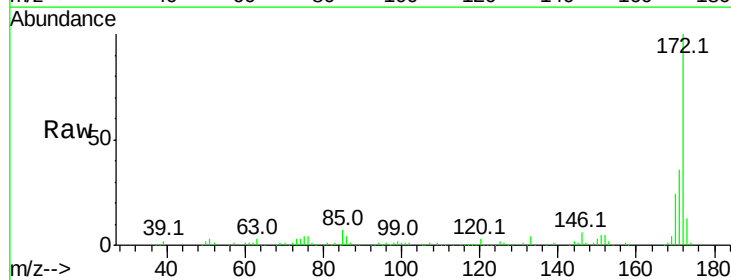
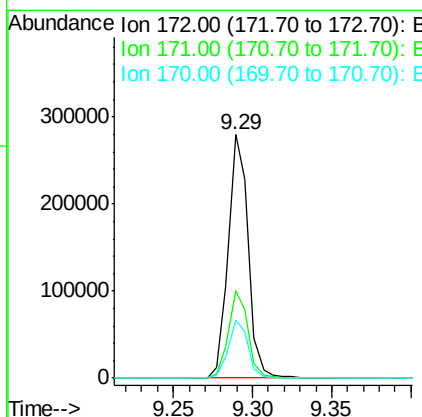
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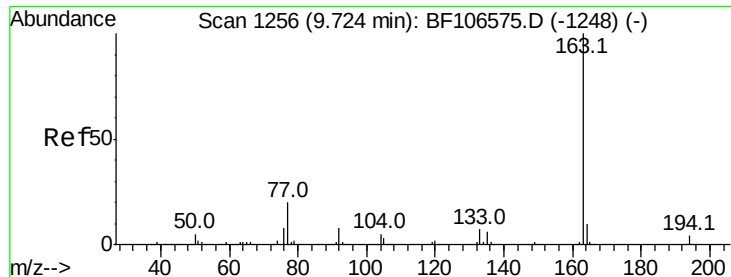
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#44
 2-Fluorobiphenyl
 Concen: 27.434 ng
 RT: 9.29 min Scan# 1182
 Delta R.T. -0.01 min
 Lab File: BF107310.D
 Acq: 11 Jul 2018 19:46

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	36.0	29.7	44.5	
170	23.7	19.6	29.4	





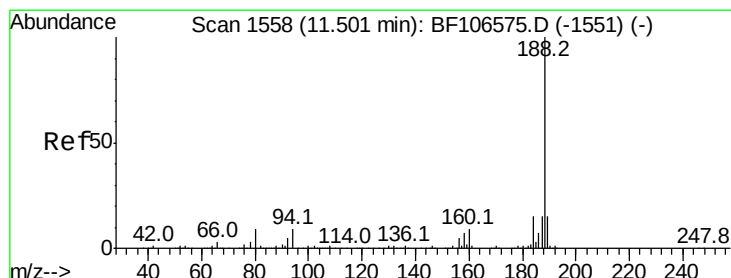
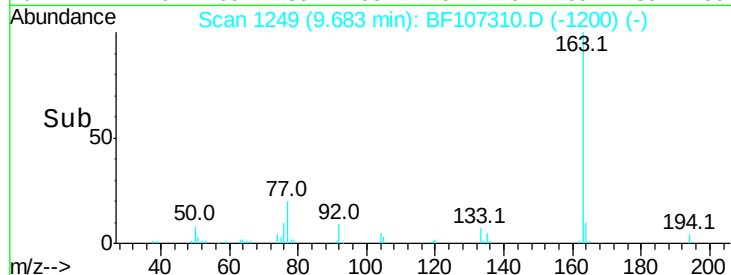
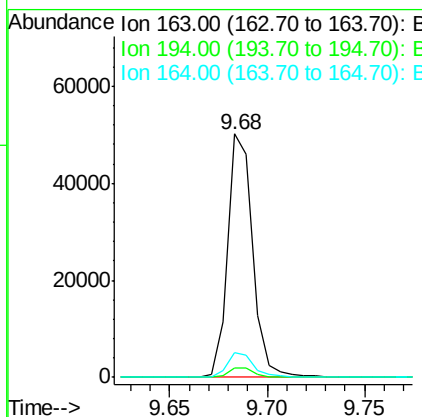
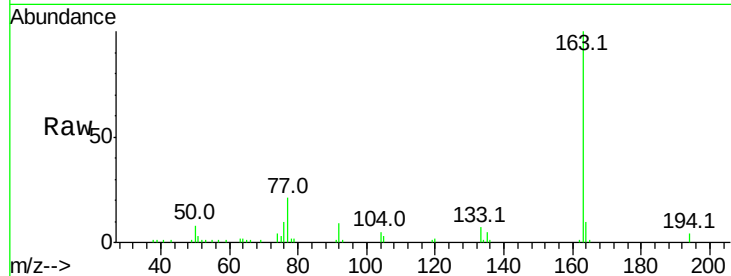
#49
Dimethylphthalate
Concen: 5.369 ng
RT: 9.68 min Scan# 1249
Delta R.T. -0.01 min
Lab File: BF107310.D
Acq: 11 Jul 2018 19:46

Instrument :
BNA_F
ClientSampleId :
NEMH

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.7	4.1
164	10.4	8.2	12.2

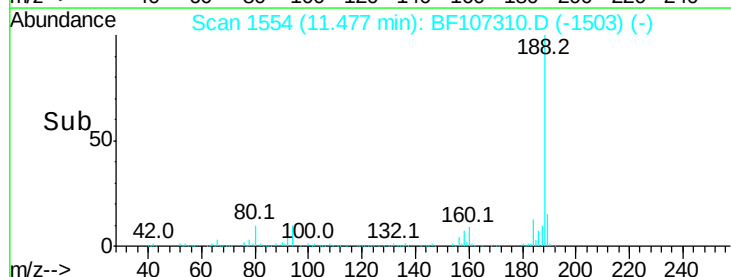
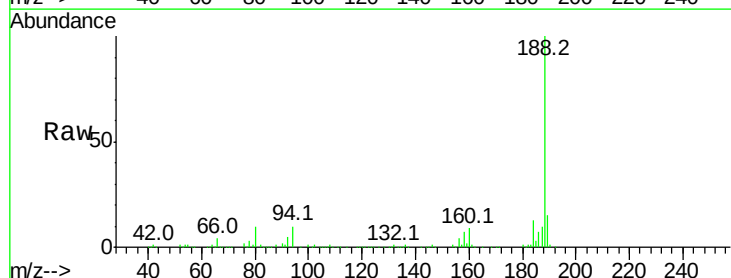
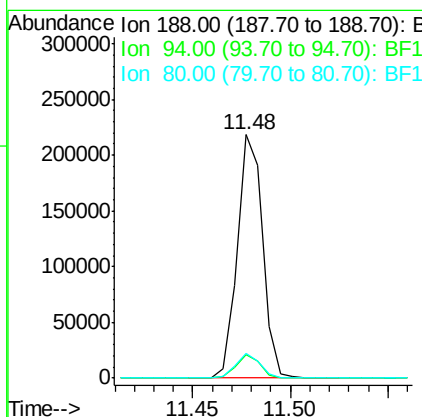
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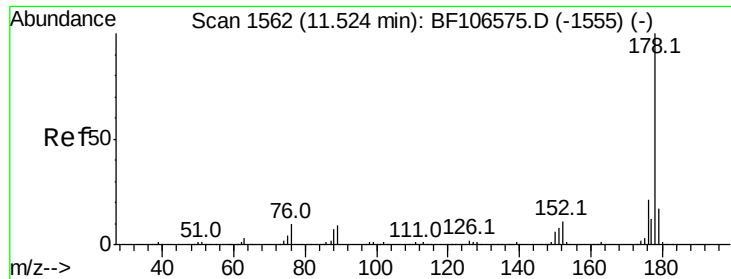
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1554
Delta R.T. -0.00 min
Lab File: BF107310.D
Acq: 11 Jul 2018 19:46

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.6	8.5	12.7
80	10.4	9.2	13.8





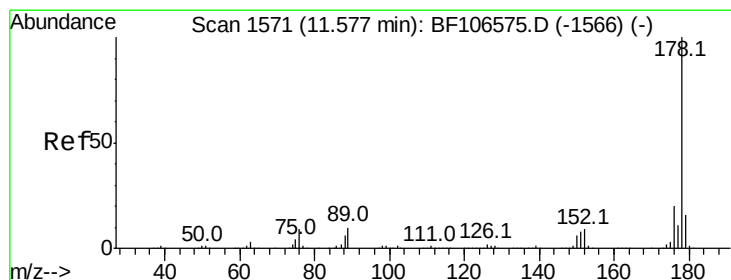
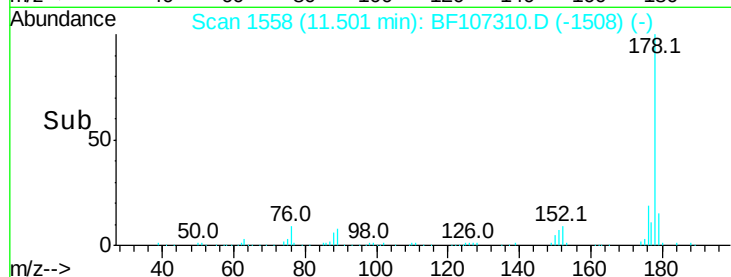
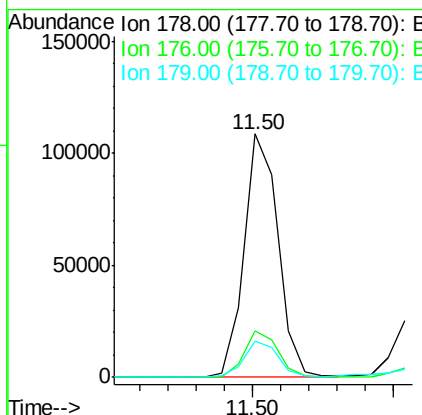
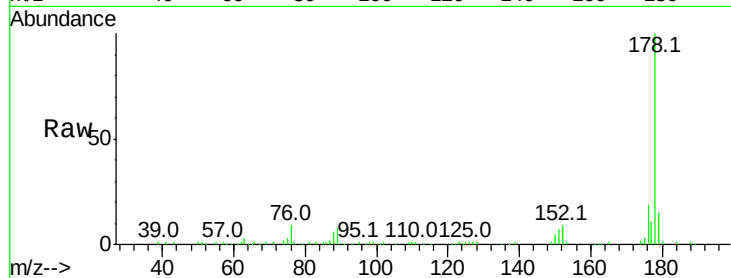
#70
Phenanthrene
Concen: 9.596 ng
RT: 11.50 min Scan# 1558
Delta R.T. -0.01 min
Lab File: BF107310.D
Acq: 11 Jul 2018 19:46

Instrument :
BNA_F
ClientSampleId :
NEMH

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.8	23.8
179	15.0	13.0	19.6

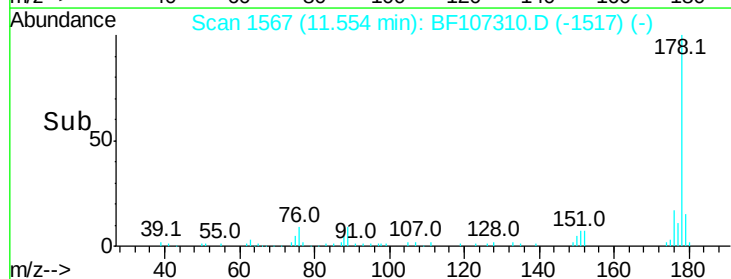
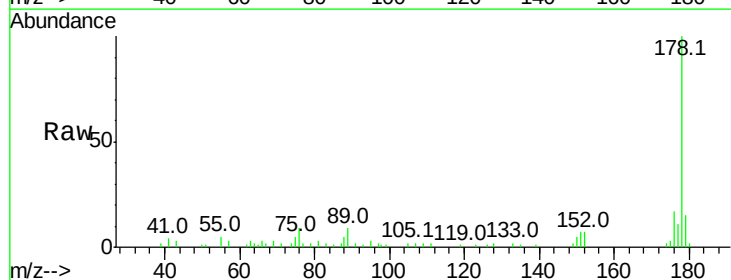
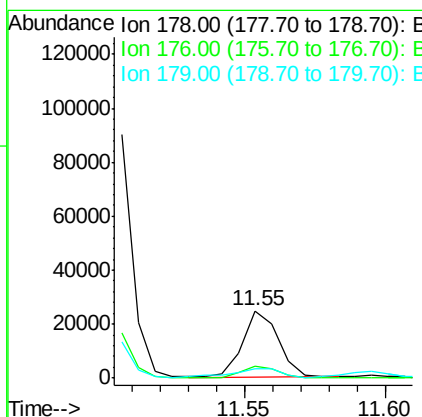
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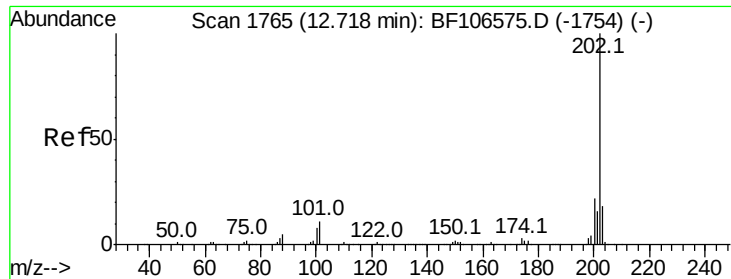
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#71
Anthracene
Concen: 2.248 ng
RT: 11.55 min Scan# 1567
Delta R.T. -0.01 min
Lab File: BF107310.D
Acq: 11 Jul 2018 19:46

Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.4	15.4	23.2
179	14.6	12.6	19.0





#74

Fluoranthene

Concen: 17.086 ng

RT: 12.70 min Scan# 1762

Delta R.T. -0.00 min

Lab File: BF107310.D

Acq: 11 Jul 2018 19:46

Instrument :

BNA_F

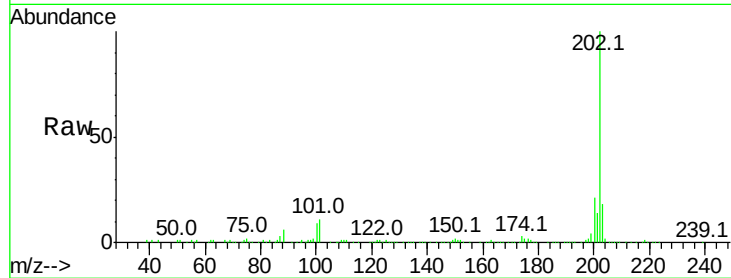
ClientSampleId :

NEMH

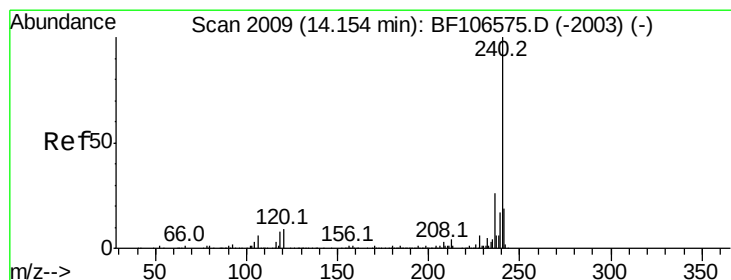
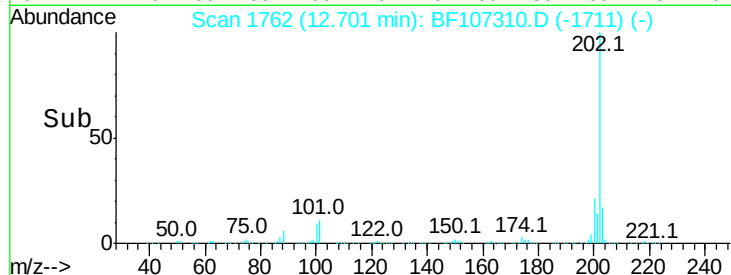
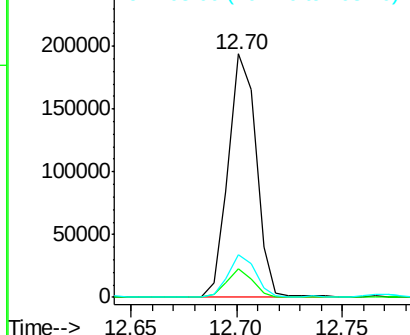
Tot Ion:	202	Resp:	177652
Ion Ratio	Lower	Upper	
202	100		
101	11.5	0.0	34.1
203	17.5	0.0	38.1

Manual Integrations
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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# 2007

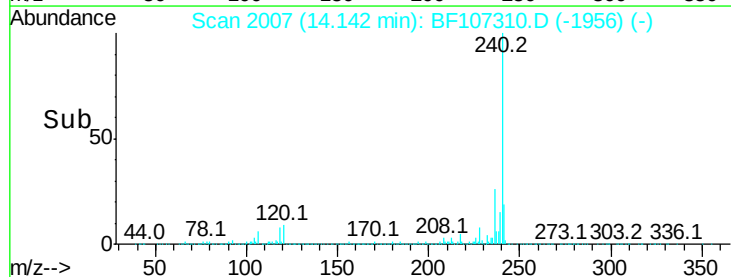
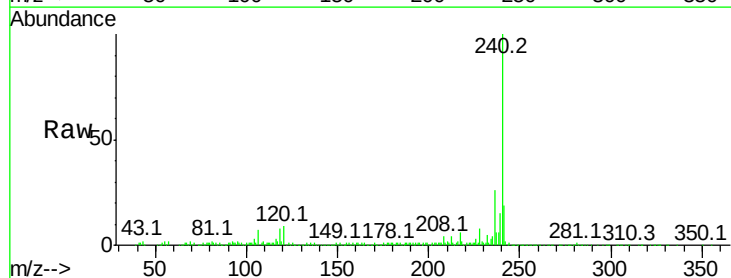
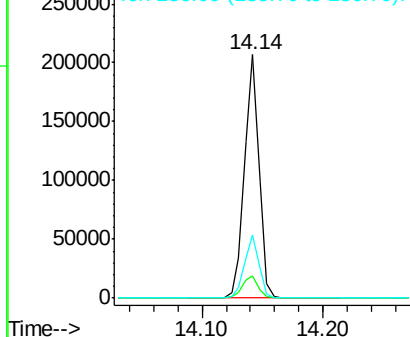
Delta R.T. -0.00 min

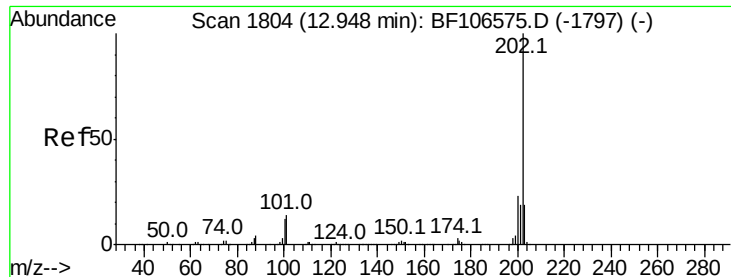
Lab File: BF107310.D

Acq: 11 Jul 2018 19:46

Tgt Ion:	240	Resp:	173815
Ion Ratio	Lower	Upper	
240	100		
120	9.2	9.5	14.3#
236	26.1	20.7	31.1

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

Pvrene

Concen: 14.224 ng

RT: 12.94 min Scan# 1802

Delta R.T. -0.00 min

Lab File: BF107310.D

Acq: 11 Jul 2018 19:46

Instrument :

BNA_F

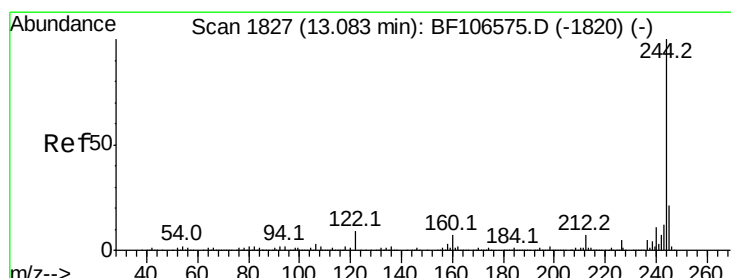
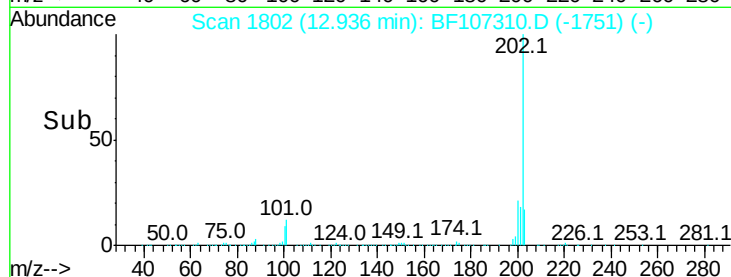
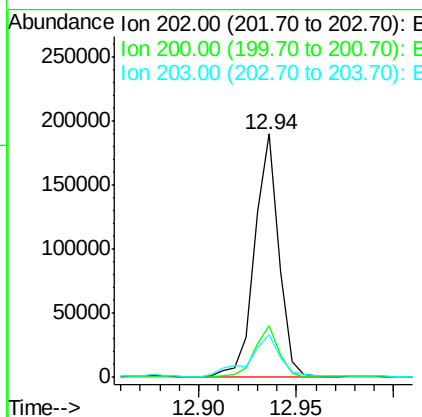
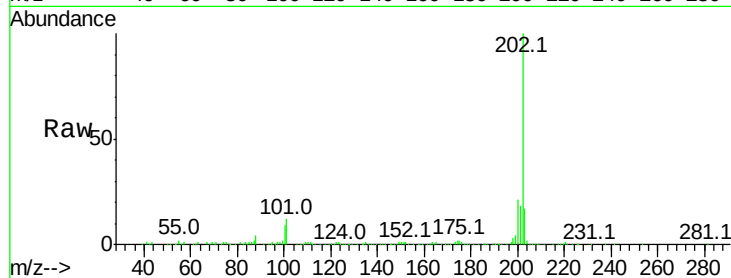
ClientSampled :

NEMH

Tot Ion:	202	Resp:	163030
Ion Ratio	Lower	Upper	
202	100		
200	21.2	17.4	26.2
203	17.4	14.3	21.5

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#78

Terphenyl-d14

Concen: 34.010 ng

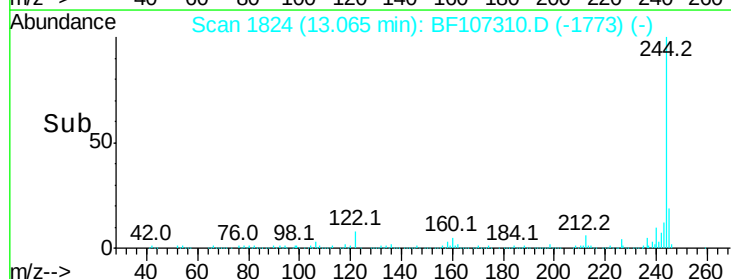
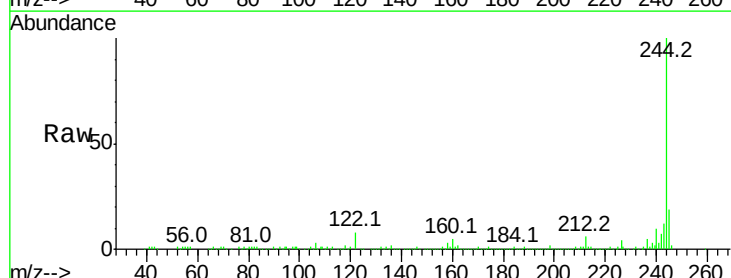
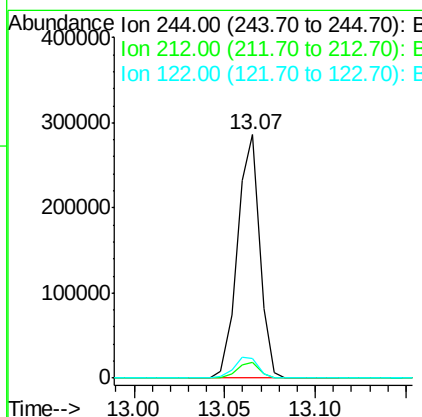
RT: 13.07 min Scan# 1824

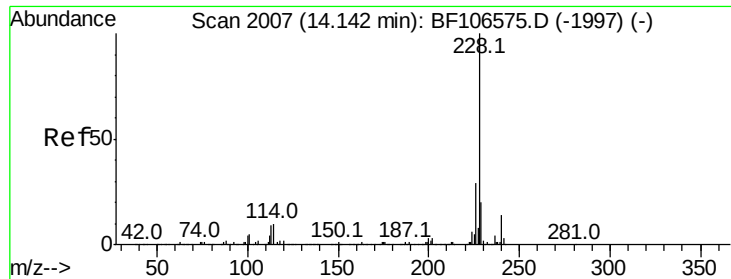
Delta R.T. -0.00 min

Lab File: BF107310.D

Acq: 11 Jul 2018 19:46

Tgt Ion:	244	Resp:	244044
Ion Ratio	Lower	Upper	
244	100		
212	6.4	5.4	8.0
122	8.2	11.0	16.4#





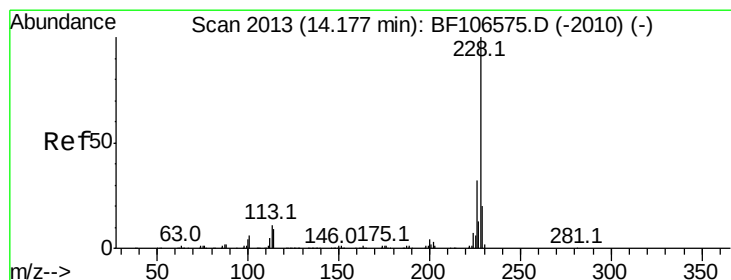
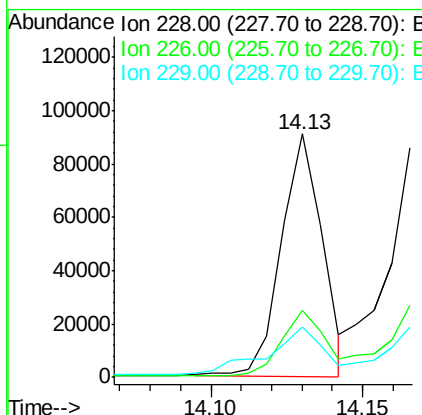
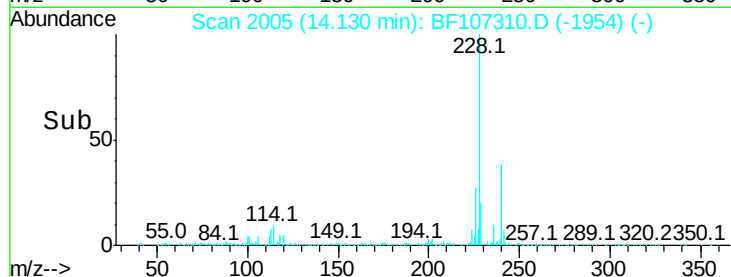
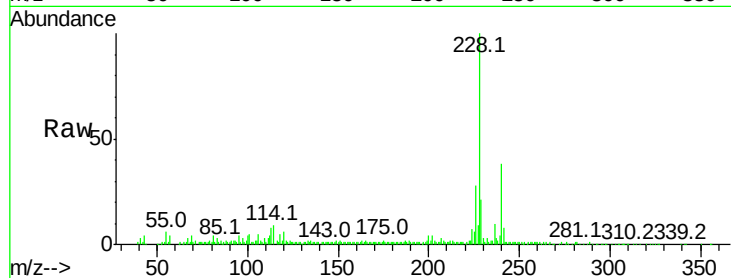
#80
Benzo(a)anthracene
Concen: 8.054 ng m
RT: 14.13 min Scan# 2005
Delta R.T. -0.00 min
Lab File: BF107310.D
Acq: 11 Jul 2018 19:46

Instrument :
BNA_F
ClientSampleId :
NEMH

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.6	33.8
229	20.9	15.8	23.6

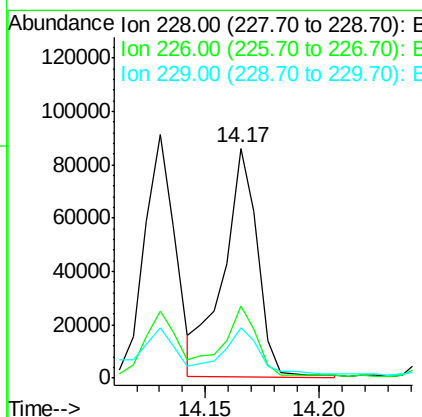
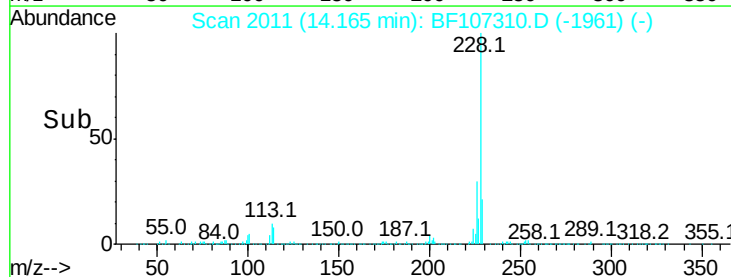
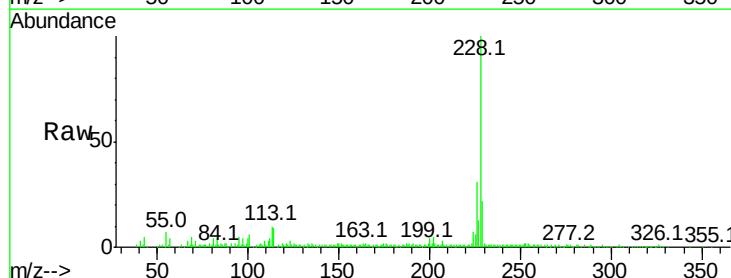
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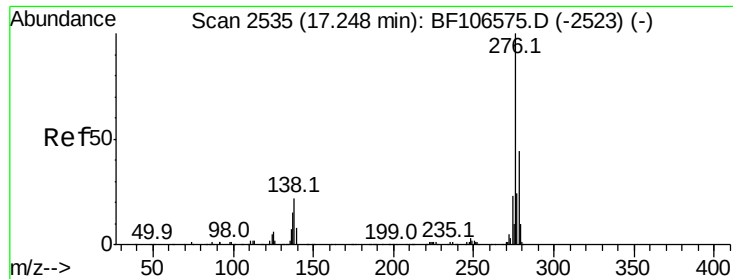
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#82
Chrysene
Concen: 9.112 ng m
RT: 14.17 min Scan# 2011
Delta R.T. -0.01 min
Lab File: BF107310.D
Acq: 11 Jul 2018 19:46

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.3	25.0	37.6
229	22.1	16.2	24.4





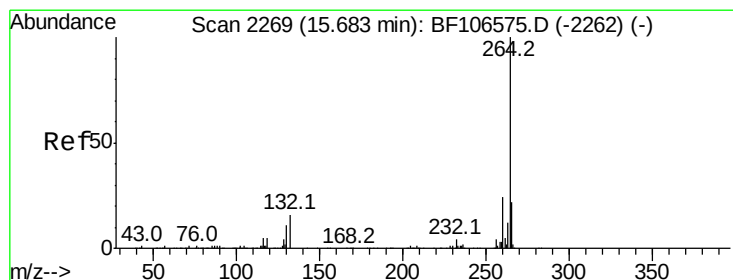
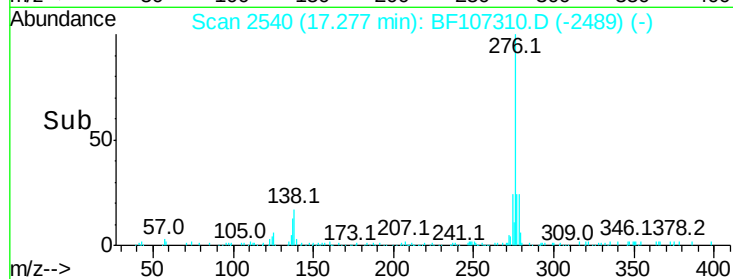
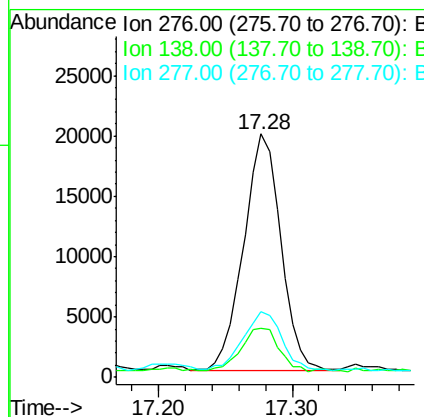
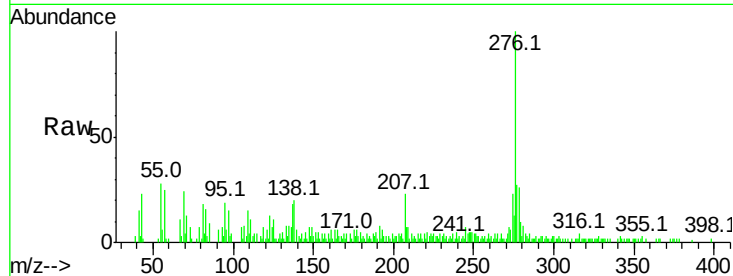
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 4.596 ng
 RT: 17.28 min Scan# 2540
 Delta R.T. -0.00 min
 Lab File: BF107310.D
 Acq: 11 Jul 2018 19:46

Instrument :
 BNA_F
 ClientSampled :
 NEMH

Tot Ion	Ratio	Lower	Upper
276	100		
138	18.5	25.0	37.6#
277	26.4	20.1	30.1

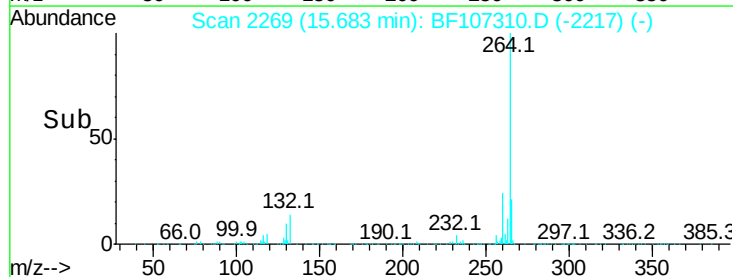
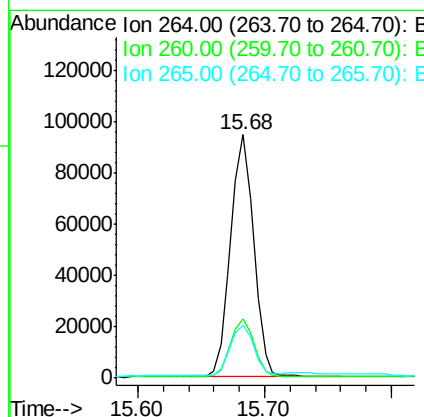
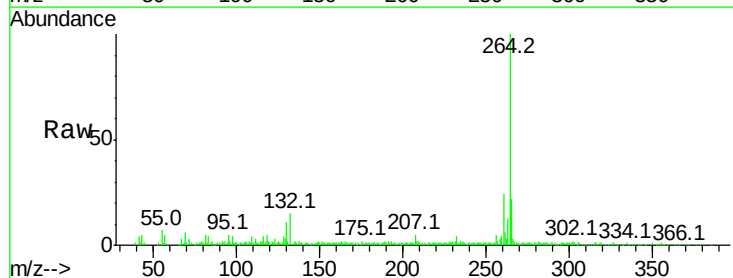
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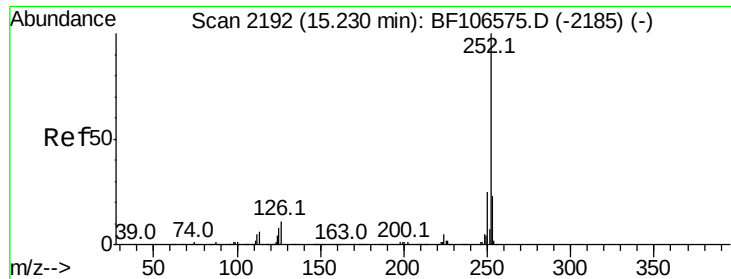
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.68 min Scan# 2269
 Delta R.T. 0.01 min
 Lab File: BF107310.D
 Acq: 11 Jul 2018 19:46

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	21.6	17.5	26.3





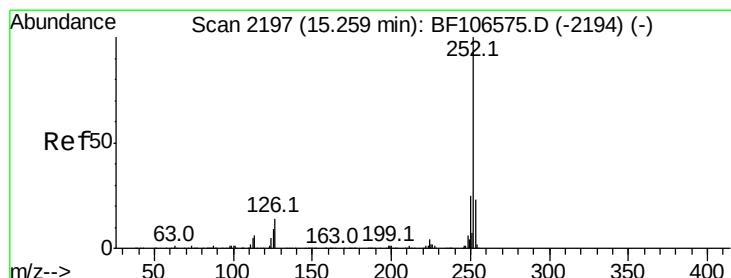
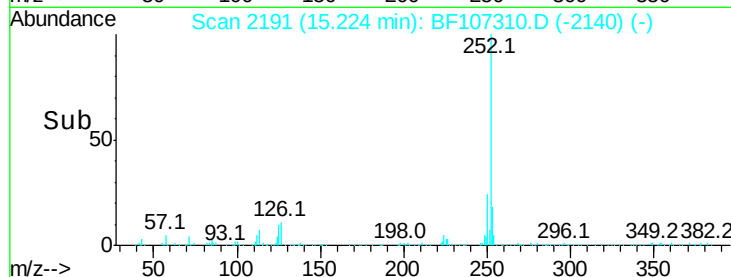
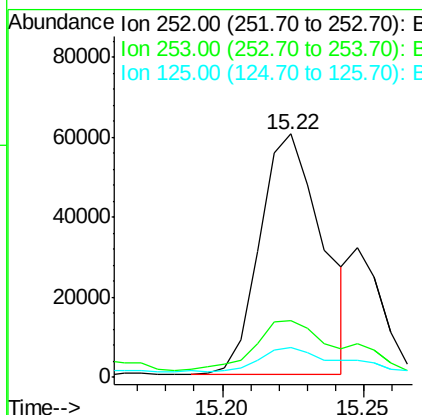
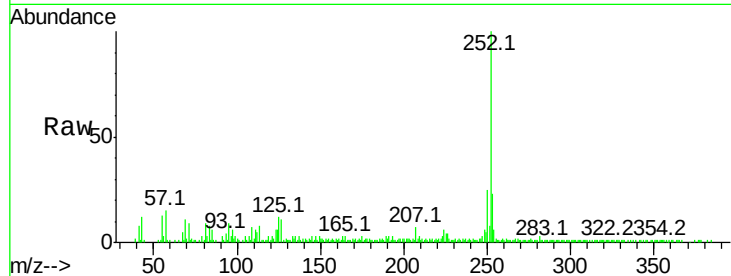
#87
Benzo(b)fluoranthene
Concen: 12.478 ng m
RT: 15.22 min Scan# 2191
Delta R.T. -0.00 min
Lab File: BF107310.D
Acq: 11 Jul 2018 19:46

Instrument :
BNA_F
ClientSampleId :
NEMH

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.0	25.6
125	12.1	9.0	13.6

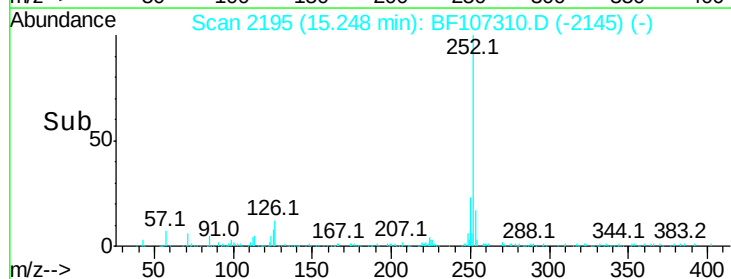
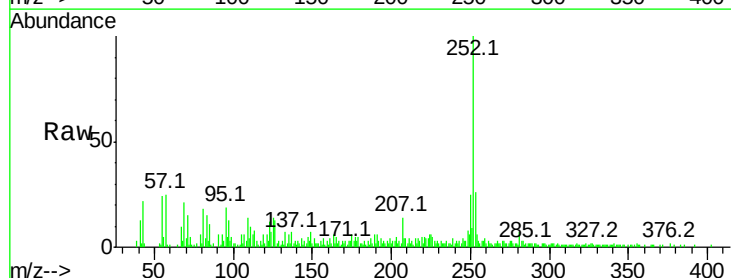
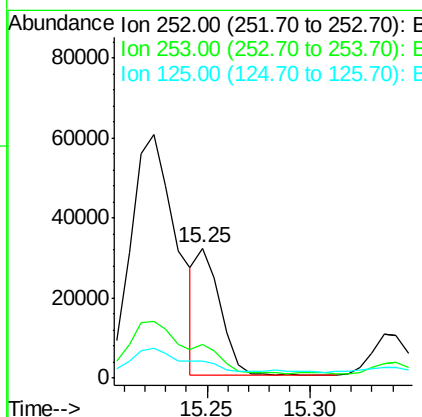
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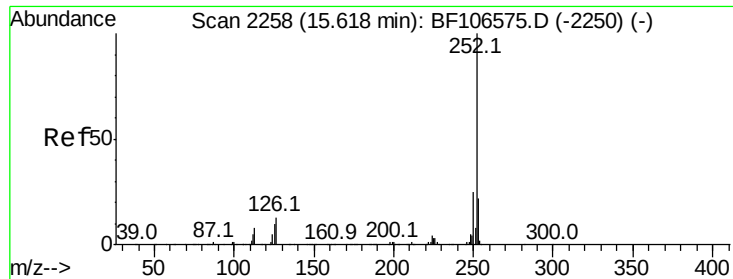
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#88
Benzo(k)fluoranthene
Concen: 3.554 ng m
RT: 15.25 min Scan# 2195
Delta R.T. -0.01 min
Lab File: BF107310.D
Acq: 11 Jul 2018 19:46

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.1	17.9	26.9
125	13.5	10.2	15.2





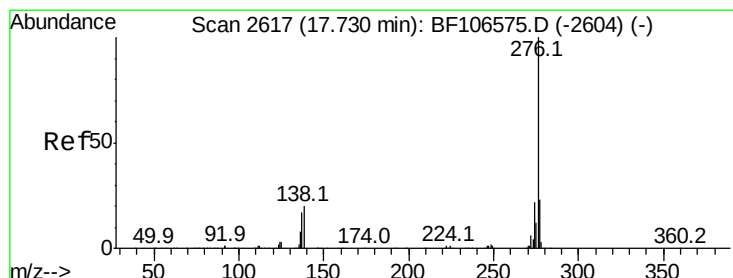
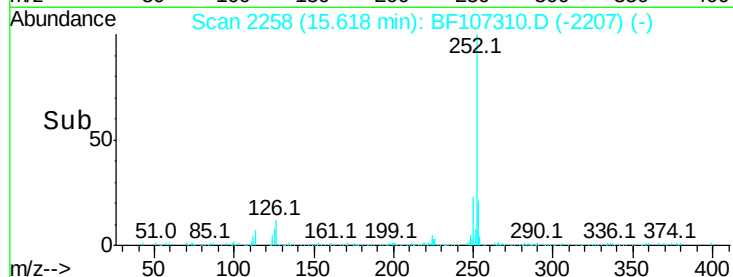
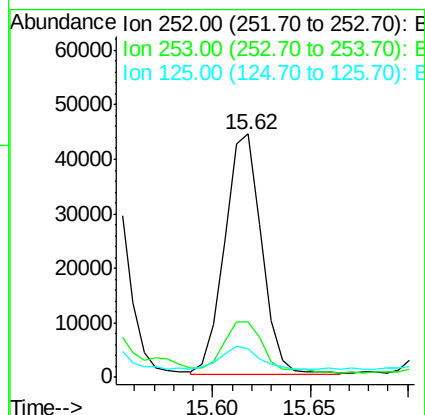
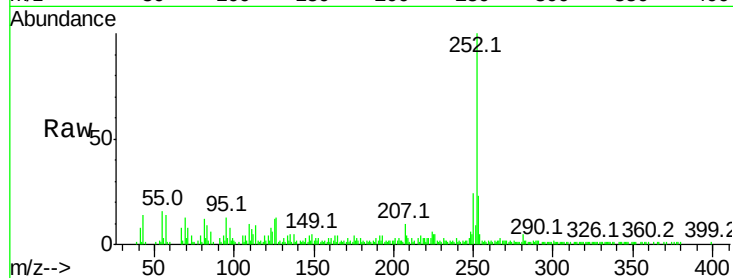
#89
Benzo(a)pyrene
Concen: 8.708 ng
RT: 15.62 min Scan# 2258
Delta R.T. -0.00 min
Lab File: BF107310.D
Acq: 11 Jul 2018 19:46

Instrument :
BNA_F
ClientSampleId :
NEMH

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.1	25.7
125	11.8	9.8	14.6

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 6.965 ng
RT: 17.77 min Scan# 2623
Delta R.T. 0.01 min
Lab File: BF107310.D
Acq: 11 Jul 2018 19:46

Tgt Ion	Ratio	Lower	Upper
276	100		
277	28.1	17.9	26.9#
138	19.7	21.8	32.8#

