

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112718\
 Data File : BF111003.D
 Acq On : 27 Nov 2018 12:15
 Operator : JU/SJ
 Sample : J6028-06RE
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-2RE

Manual Integrations
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 11/28/2018 4:42:06 PM

Quant Time: Nov 27 14:39:49 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF112618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 27 06:43:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	50888	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	184287	20.00	ng	0.00
39) Acenaphthene-d10	9.98	164	69701	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	126123	20.00	ng	0.00
76) Chrysene-d12	14.13	240	115454	20.00	ng	0.00
87) Perylene-d12	15.67	264	76468	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	317441	103.45	ng	0.01
7) Phenol-d6	6.57	99	383461	95.89	ng	0.00
23) Nitrobenzene-d5	7.50	82	243612	75.65	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	64730	93.51	ng	0.00
45) 2-Fluorobiphenyl	9.29	172	399375	83.01	ng	0.00
79) Terphenyl-d14	13.06	244	381971	64.40	ng	0.00
Target Compounds						
10) Phenol	6.58	94	21178	4.702	ng	82
50) Dimethylphthalate	9.69	163	52357	10.242	ng	99
71) Phenanthrene	11.50	178	107414	16.080	ng	99
72) Anthracene	11.56	178	32673m	4.803	ng	
75) Fluoranthene	12.70	202	203752	29.678	ng	99
78) Pyrene	12.93	202	185219	21.965	ng	98
81) Benzo(a)anthracene	14.13	228	89009	13.058	ng	99
83) Chrysene	14.16	228	78103m	11.640	ng	
86) Indeno(1,2,3-cd)pyrene	17.27	276	29186	6.060	ng	98
88) Benzo(b)fluoranthene	15.22	252	79746m	17.752	ng	
89) Benzo(k)fluoranthene	15.24	252	23620m	5.108	ng	
90) Benzo(a)pyrene	15.61	252	50971	12.190	ng	# 96
91) Dibenzo(a,h)anthracene	17.27	278	6970	2.020	ng	# 67
92) Benzo(a,h,i)perylene	17.77	276	29747	8.942	ng	93

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

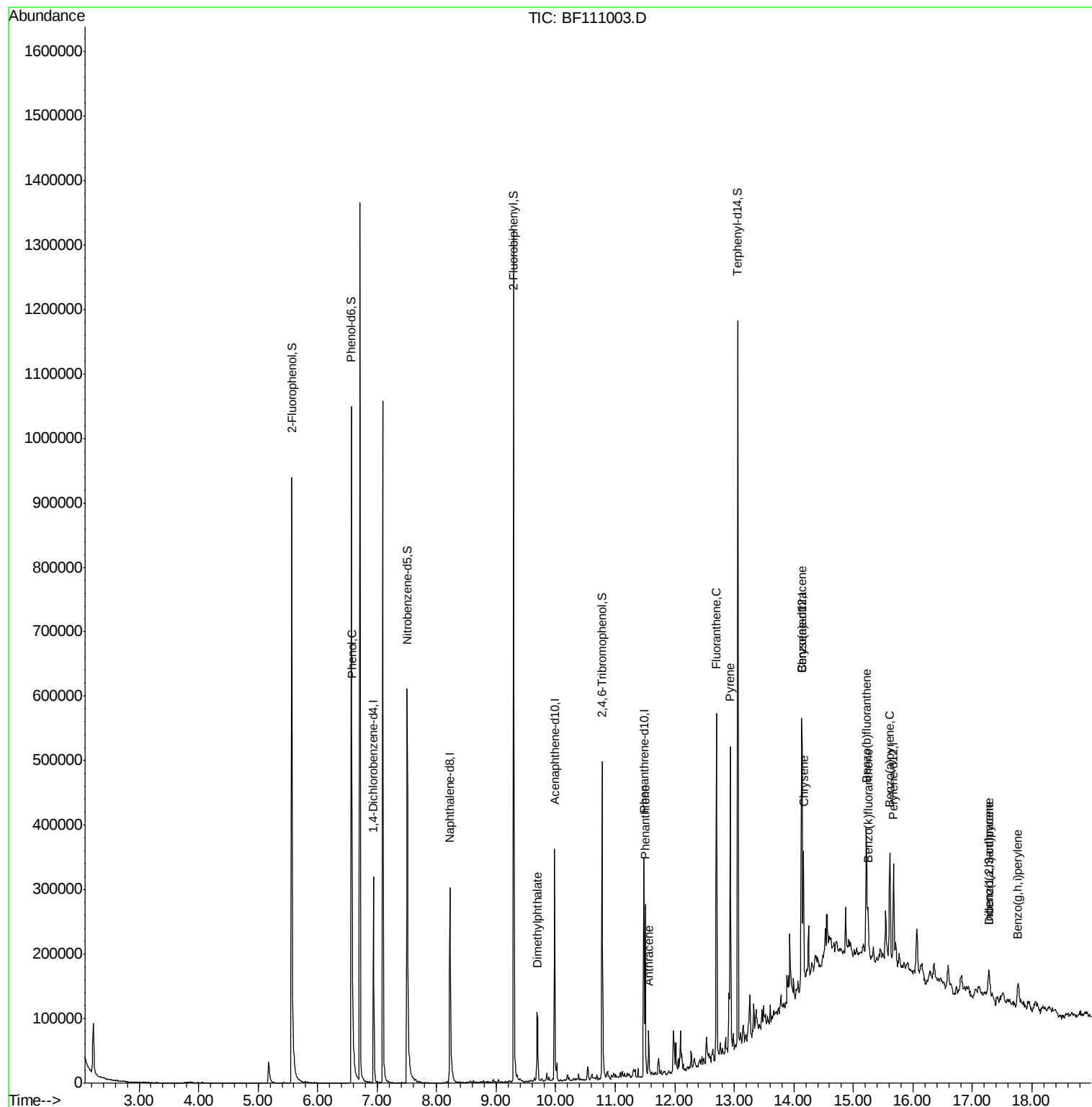
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112718\
Data File : BF111003.D
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Sample : J6028-06RE
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ALS Vial : 8 Sample Multiplier: 1

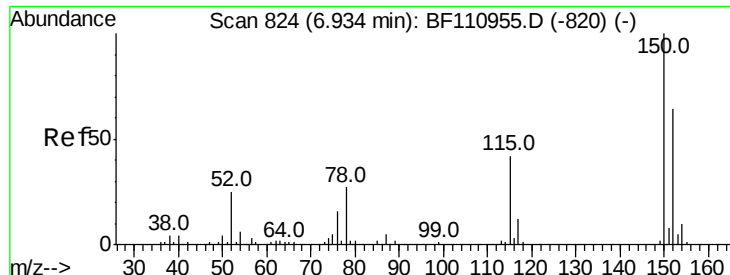
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF112618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

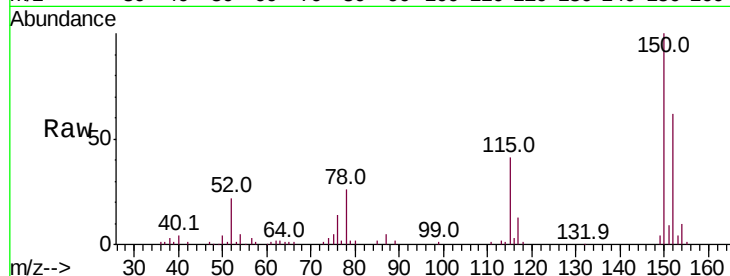
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 825
Delta R.T. 0.01 min
Lab File: BF111003.D
Acq: 27 Nov 2018 12:15

Instrument :
BNA_F
ClientSampleId :
COMP-2RE

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.4	122.7	184.1
115	65.2	49.1	73.7

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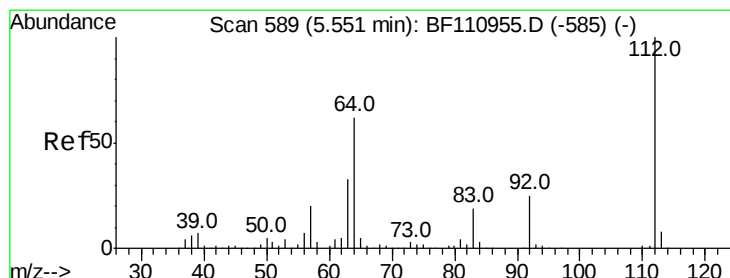
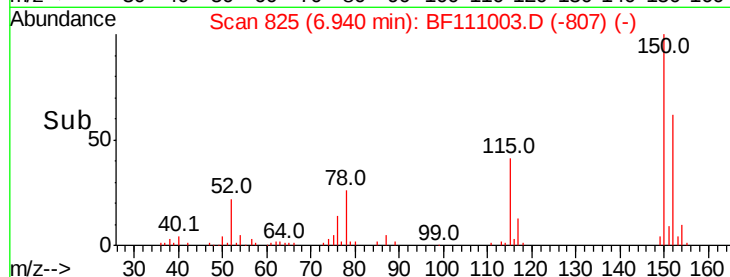
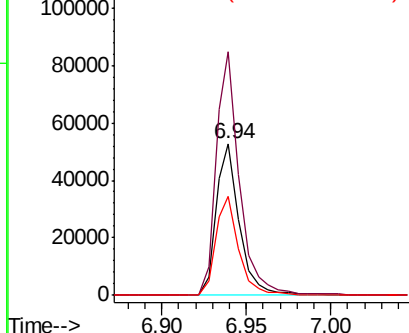


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

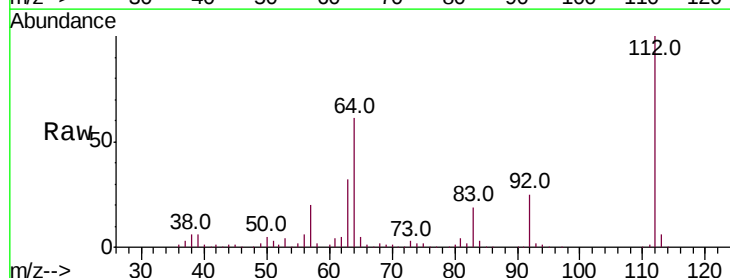
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 103.446 ng
RT: 5.56 min Scan# 591
Delta R.T. 0.01 min
Lab File: BF111003.D
Acq: 27 Nov 2018 12:15

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.0	44.1	66.1
63	32.3	23.7	35.5

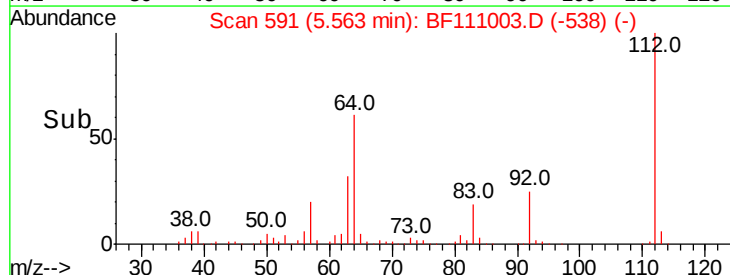
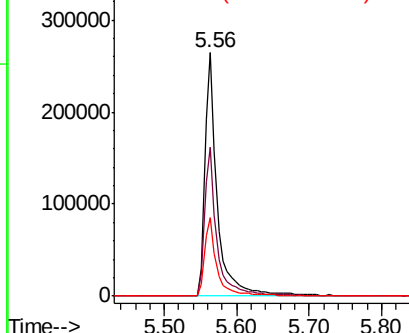


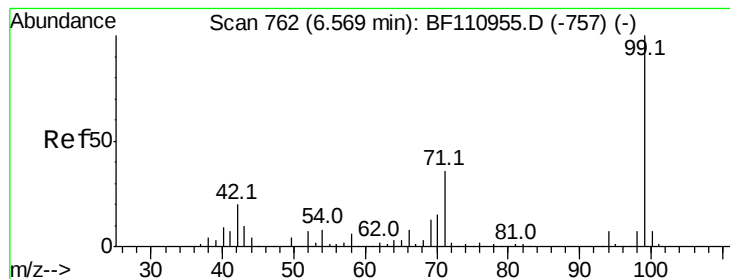
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 95.890 ng

RT: 6.57 min Scan# 762

Delta R.T. 0.00 min

Lab File: BF111003.D

Acq: 27 Nov 2018 12:15

Instrument :

BNA_F

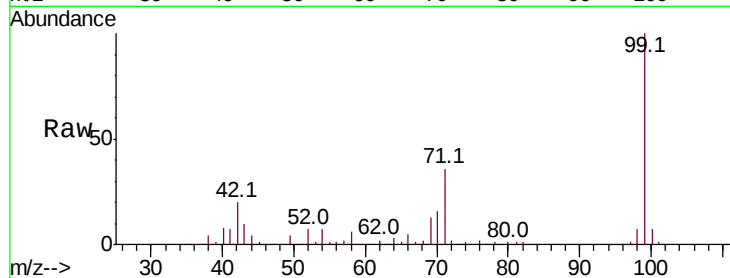
ClientSampled :

COMP-2RE

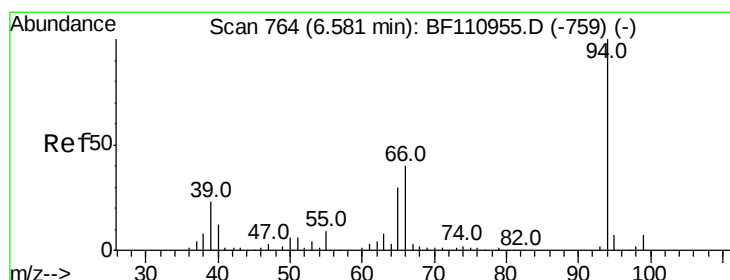
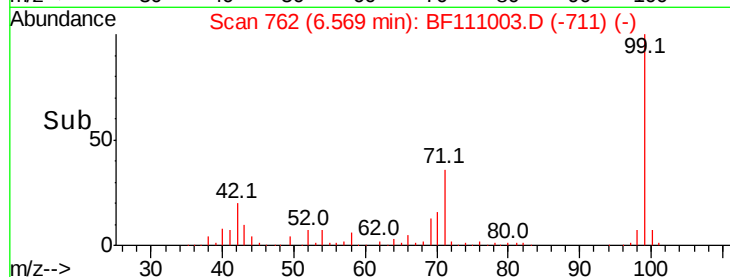
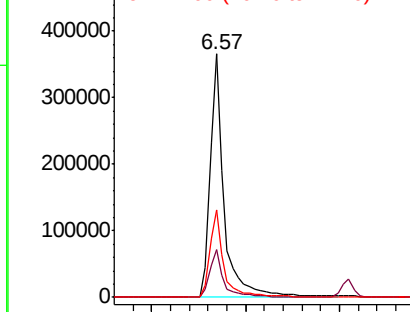
Tot Ion:	99	Resp:	383461
Ion Ratio	Lower	Upper	
99	100		
42	19.7	15.8	23.6
71	35.8	28.0	42.0

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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 4.702 ng

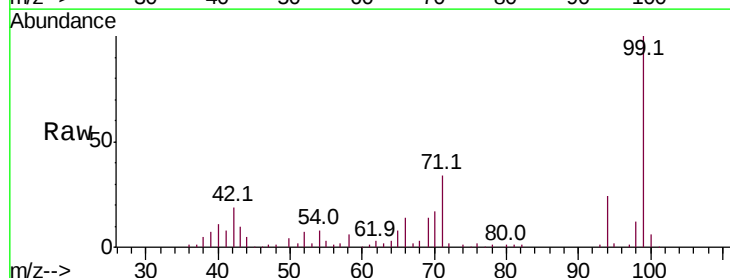
RT: 6.58 min Scan# 764

Delta R.T. 0.00 min

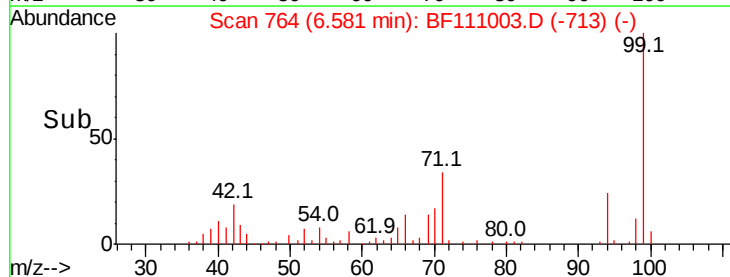
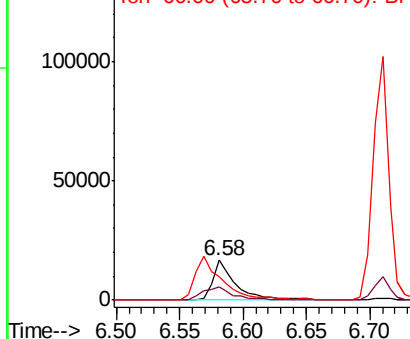
Lab File: BF111003.D

Acq: 27 Nov 2018 12:15

Tgt Ion:	94	Resp:	21178
Ion Ratio	Lower	Upper	
94	100		
65	34.4	25.3	65.3
66	59.1	54.5	94.5



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





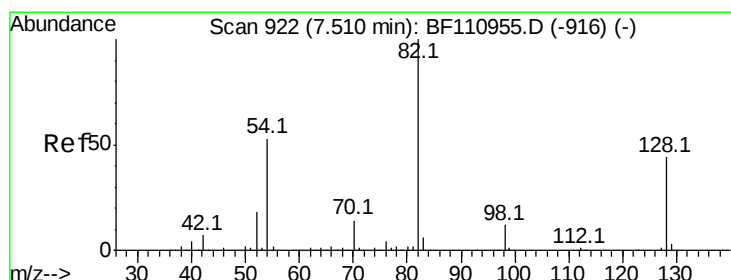
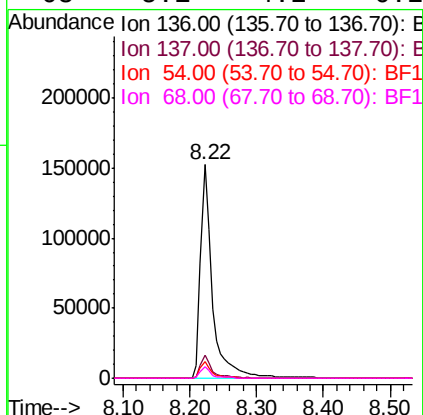
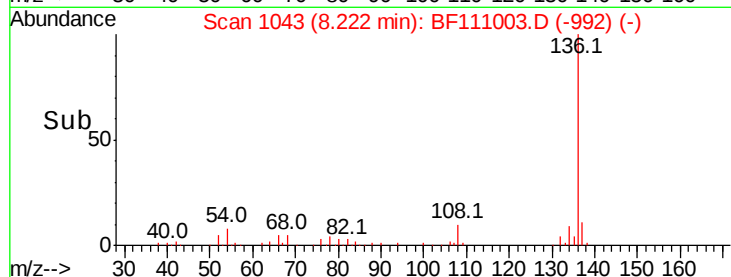
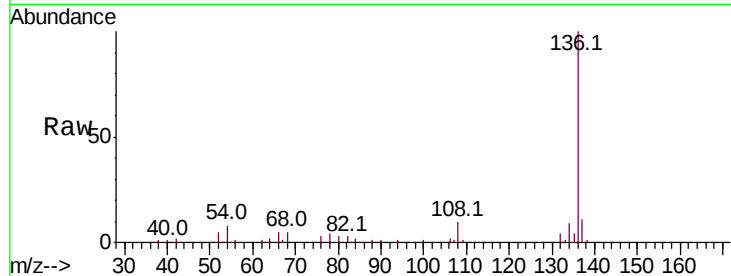
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1043
Delta R.T. 0.00 min
Lab File: BF111003.D
Acq: 27 Nov 2018 12:15

Instrument :
BNA_F
ClientSampleId :
COMP-2RE

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.8	8.8	13.2	
54	7.7	5.4	8.2	
68	5.1	4.2	6.2	

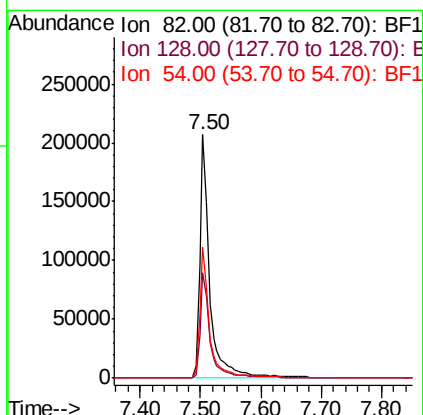
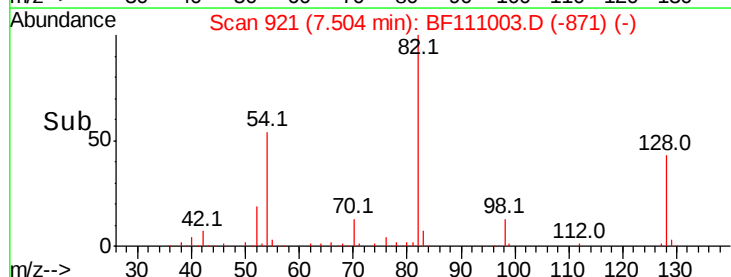
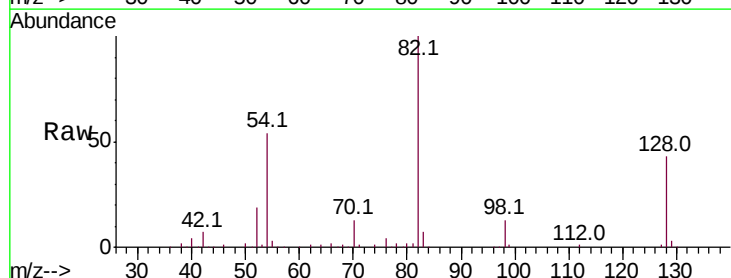
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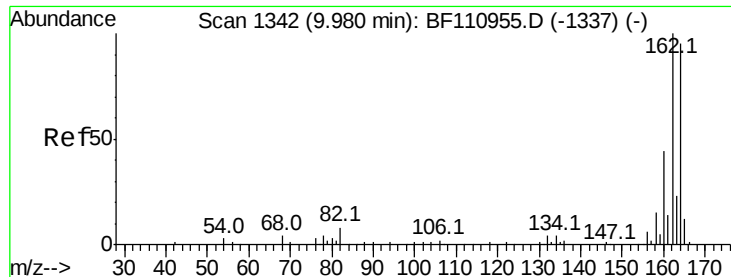
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#23
Nitrobenzene-d5
Concen: 75.654 ng
RT: 7.50 min Scan# 921
Delta R.T. -0.01 min
Lab File: BF111003.D
Acq: 27 Nov 2018 12:15

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	43.3	34.2	51.2	
54	53.7	38.6	58.0	





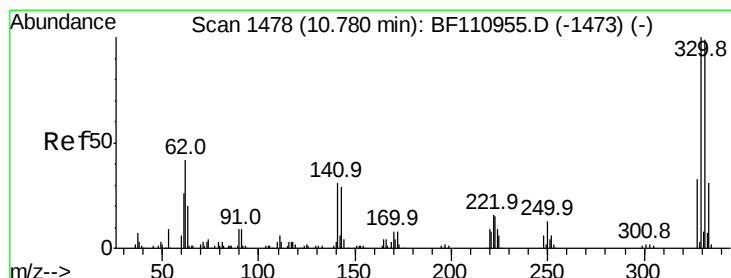
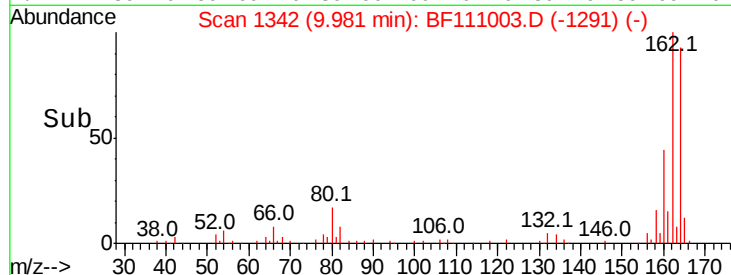
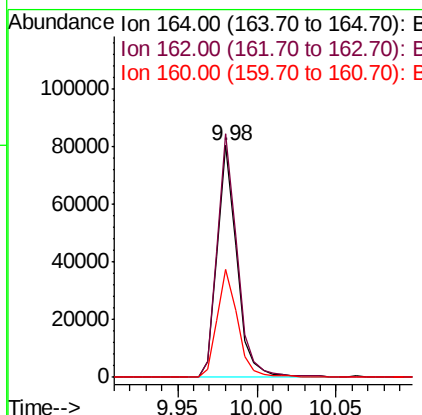
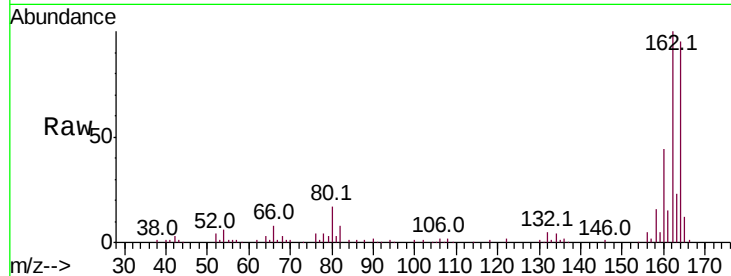
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.00 min
Lab File: BF111003.D
Acq: 27 Nov 2018 12:15

Instrument :
BNA_F
ClientSampleId :
COMP-2RE

Tot Ion	Ratio	Lower	Upper
164	100		
162	105.1	83.0	124.6
160	46.5	37.0	55.6

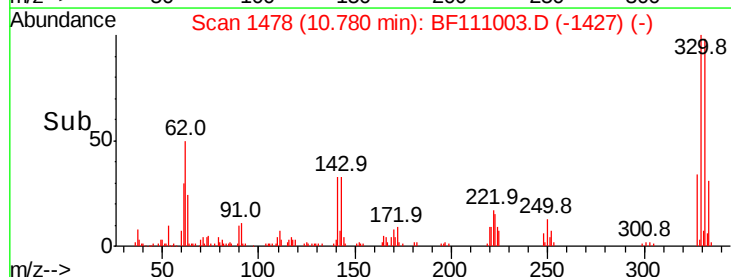
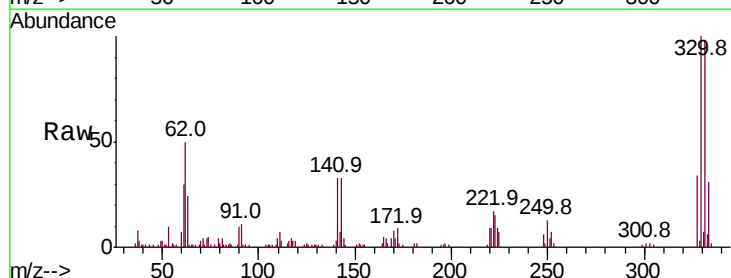
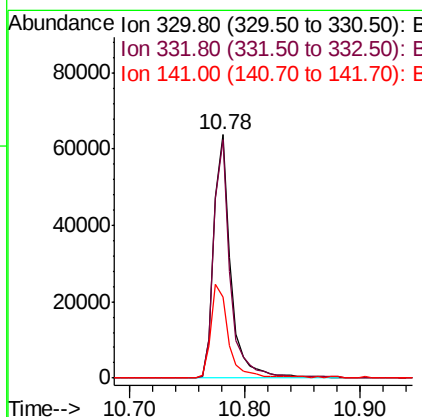
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#42
2,4,6-Tribromophenol
Concen: 93.510 ng
RT: 10.78 min Scan# 1478
Delta R.T. 0.00 min
Lab File: BF111003.D
Acq: 27 Nov 2018 12:15

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.1	115.7
141	39.6	27.0	40.4





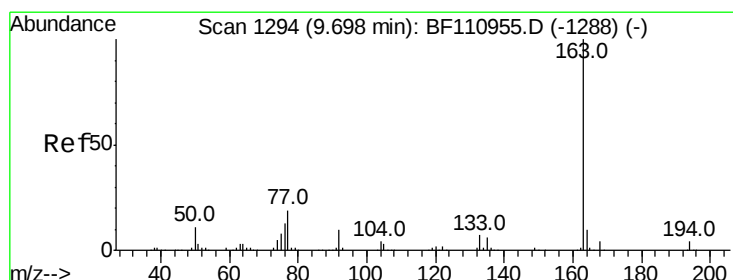
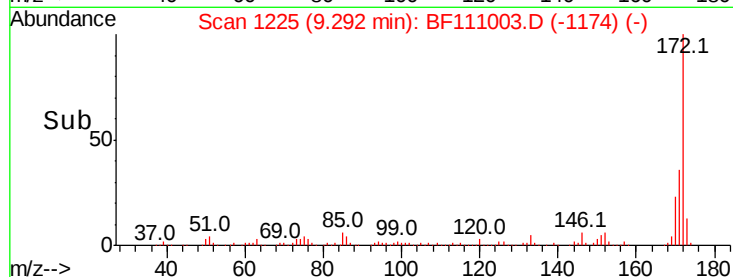
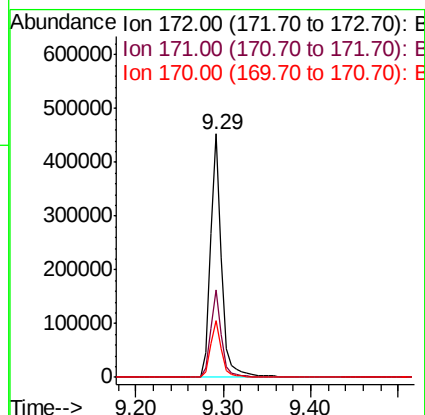
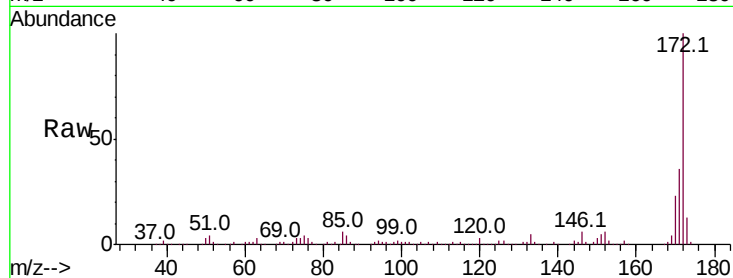
#45
2-Fluorobiphenyl
Concen: 83.012 ng
RT: 9.29 min Scan# 1225
Delta R.T. 0.00 min
Lab File: BF111003.D
Acq: 27 Nov 2018 12:15

Instrument :
BNA_F
ClientSampleId :
COMP-2RE

Tot Ion	Ratio	Resp	Lower	Upper
172	100	399375		
171	35.8		28.6	43.0
170	23.3		19.7	29.5

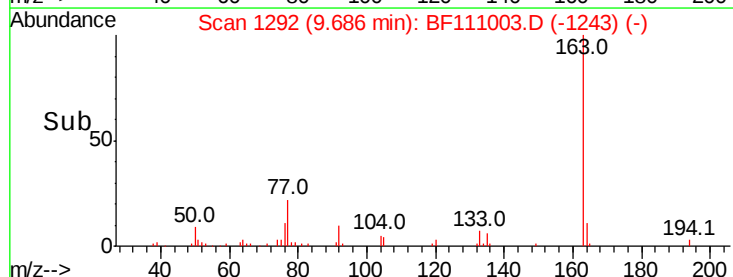
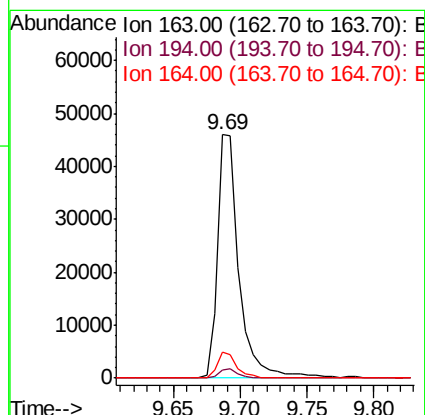
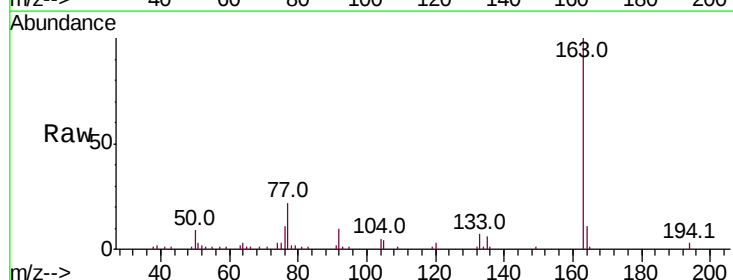
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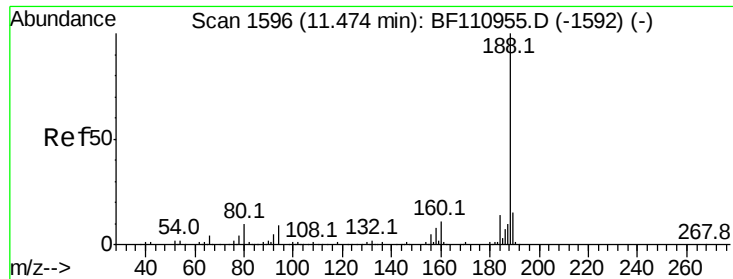
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#50
Dimethylphthalate
Concen: 10.242 ng
RT: 9.69 min Scan# 1292
Delta R.T. -0.01 min
Lab File: BF111003.D
Acq: 27 Nov 2018 12:15

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	52357		
194	3.5		3.2	4.8
164	10.6		8.1	12.1





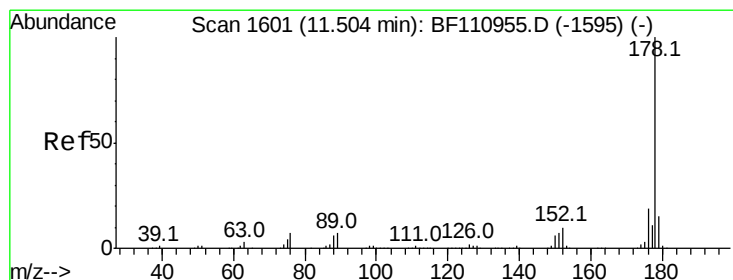
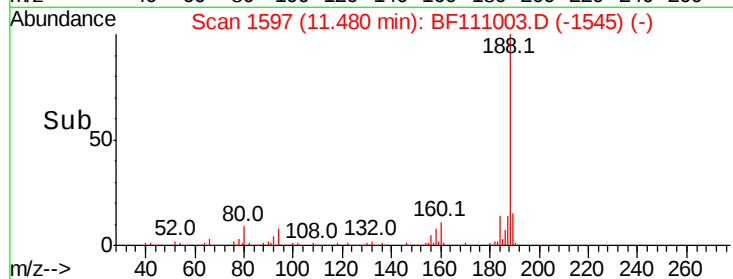
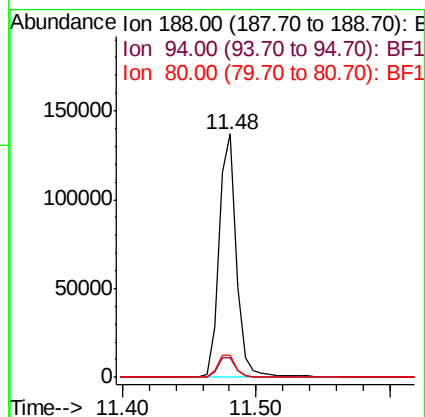
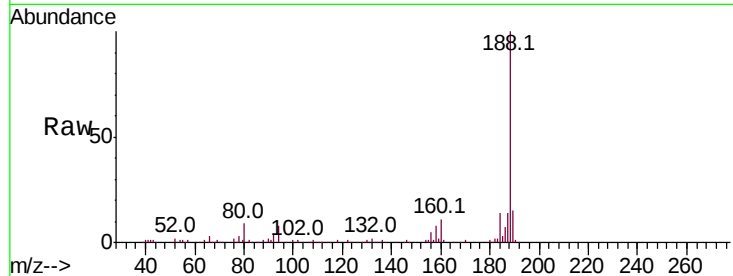
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1597
Delta R.T. 0.01 min
Lab File: BF111003.D
Acq: 27 Nov 2018 12:15

Instrument :
BNA_F
ClientSampleId :
COMP-2RE

Tot Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	8.1	7.2	10.8
80	9.0	7.9	11.9

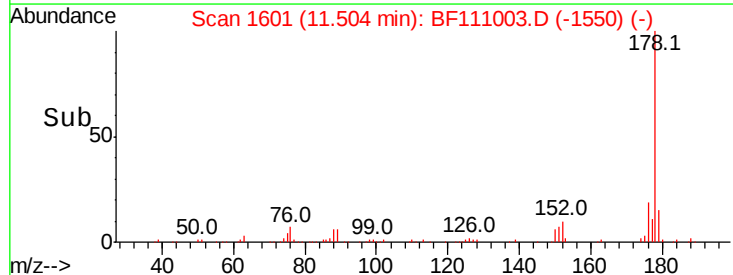
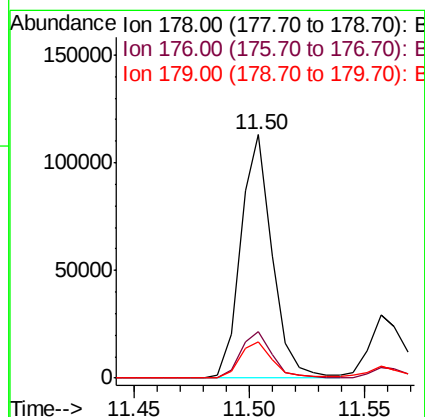
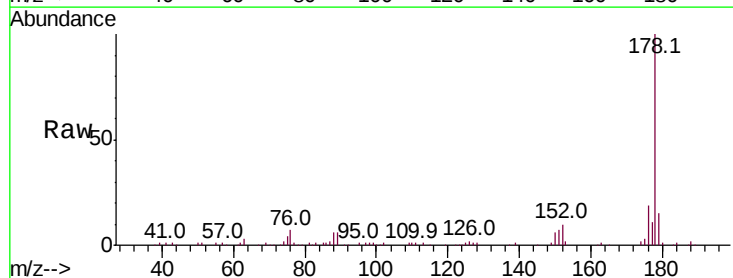
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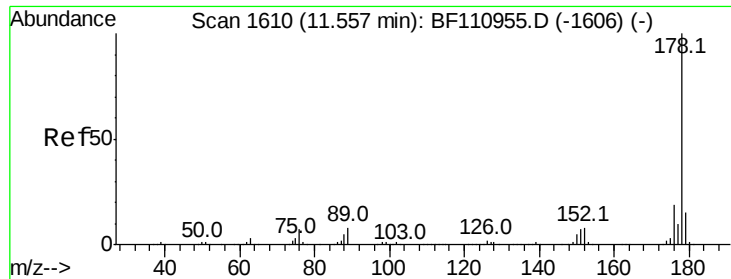
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#71
Phenanthrene
Concen: 16.080 ng
RT: 11.50 min Scan# 1601
Delta R.T. 0.00 min
Lab File: BF111003.D
Acq: 27 Nov 2018 12:15

Tgt Ion	Ratio	Resp Lower	Resp Upper
178	100		
176	19.3	15.5	23.3
179	14.9	12.5	18.7





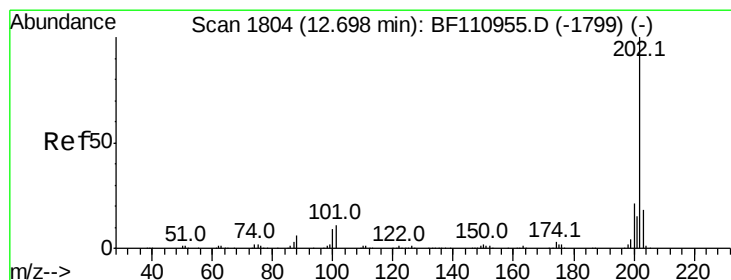
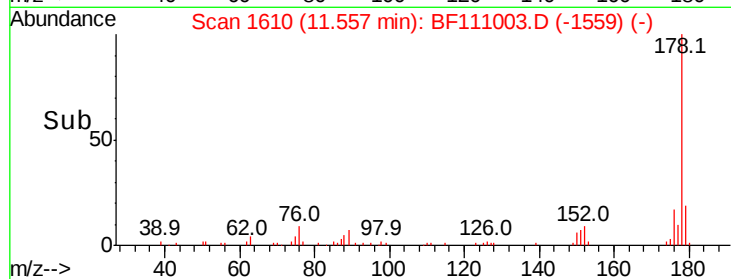
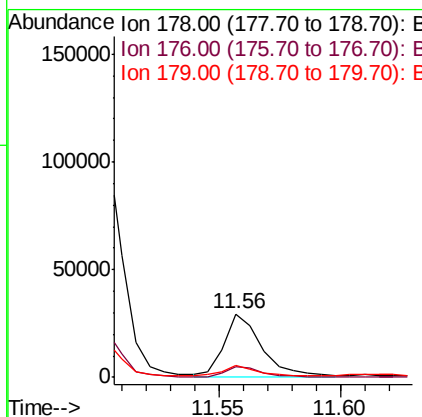
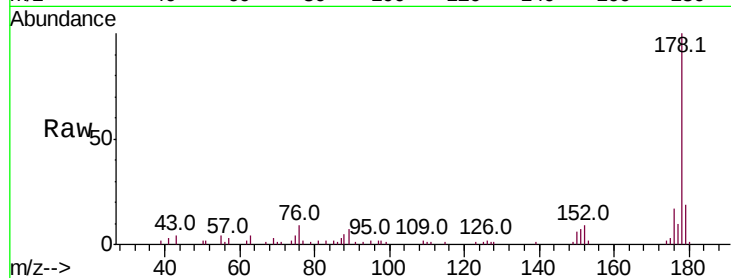
#72
 Anthracene
 Concen: 4.803 ng/mL
 RT: 11.56 min Scan# 1610
 Delta R.T. 0.00 min
 Lab File: BF111003.D
 Acq: 27 Nov 2018 12:15

Instrument :
 BNA_F
 ClientSampleId :
 COMP-2RE

Tot Ion	Ratio	Lower	Upper
178	100		
176	17.5	15.4	23.2
179	18.9	12.6	18.8

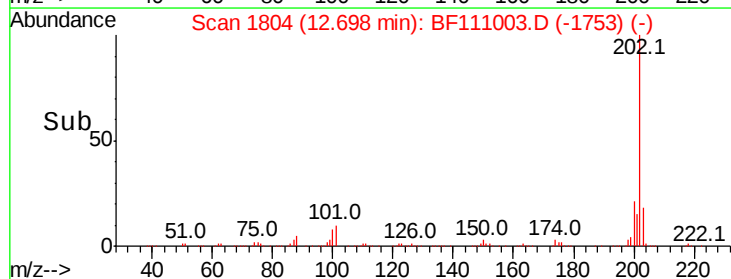
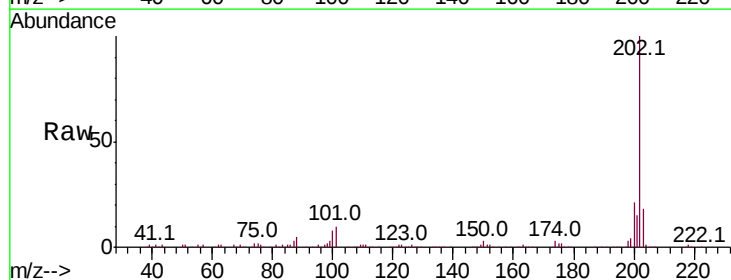
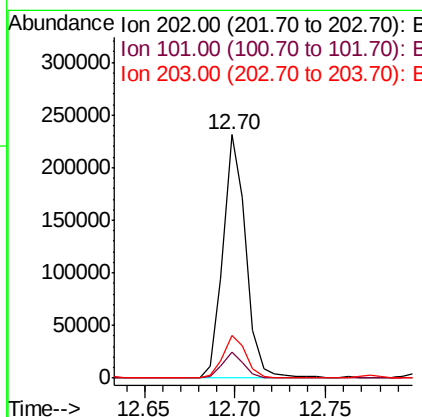
Manual Integrations
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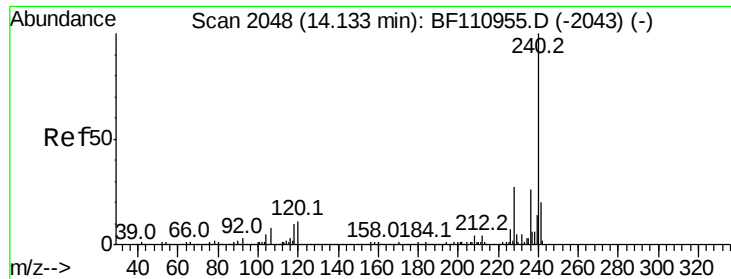
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#75
 Fluoranthene
 Concen: 29.678 ng/mL
 RT: 12.70 min Scan# 1804
 Delta R.T. 0.00 min
 Lab File: BF111003.D
 Acq: 27 Nov 2018 12:15

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.5	0.0	31.4
203	17.6	0.0	37.7





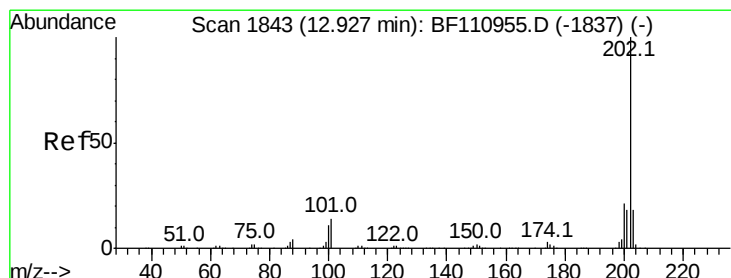
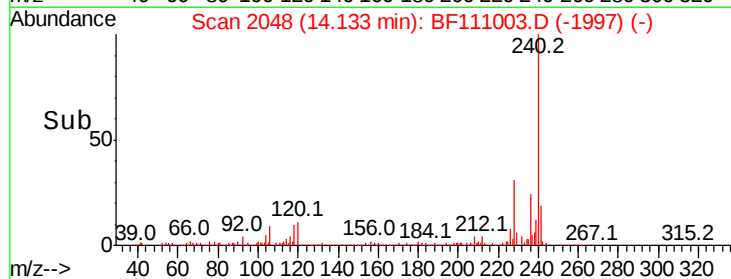
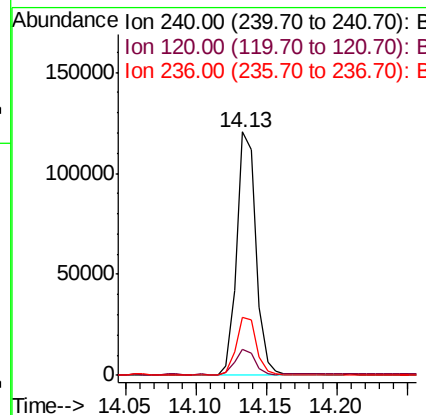
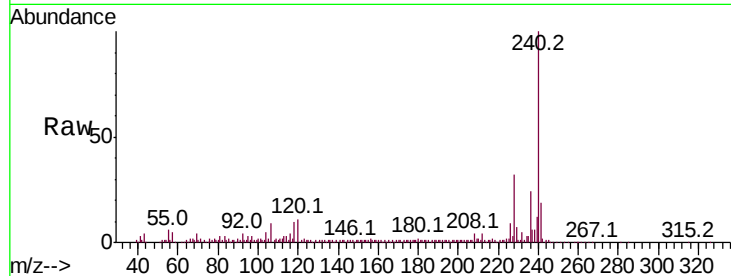
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2048
Delta R.T. 0.00 min
Lab File: BF111003.D
Acq: 27 Nov 2018 12:15

Instrument :
BNA_F
ClientSampleId :
COMP-2RE

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.8	8.3	12.5
236	23.6	21.2	31.8

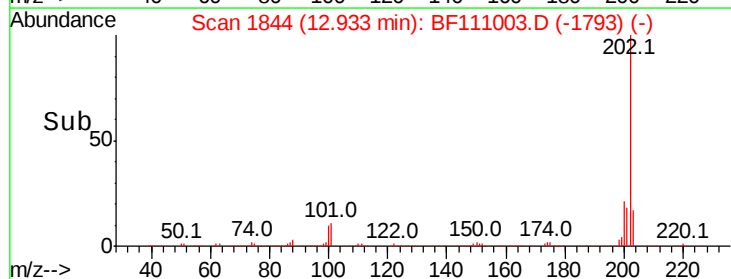
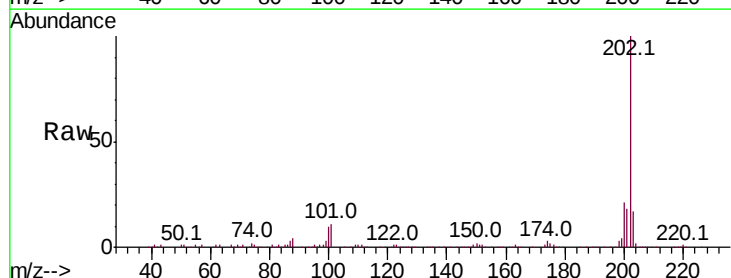
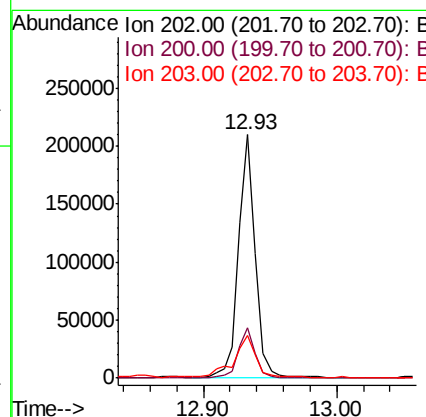
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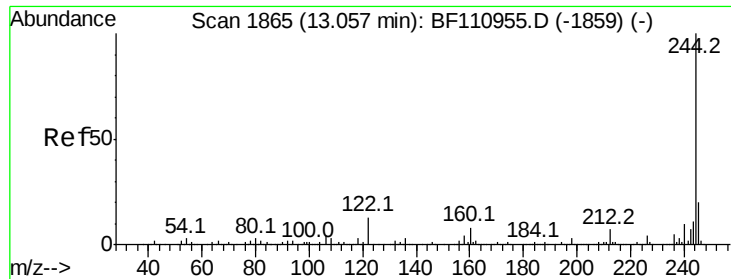
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#78
Pyrene
Concen: 21.965 ng
RT: 12.93 min Scan# 1844
Delta R.T. 0.00 min
Lab File: BF111003.D
Acq: 27 Nov 2018 12:15

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.8	26.6
203	17.4	14.2	21.4





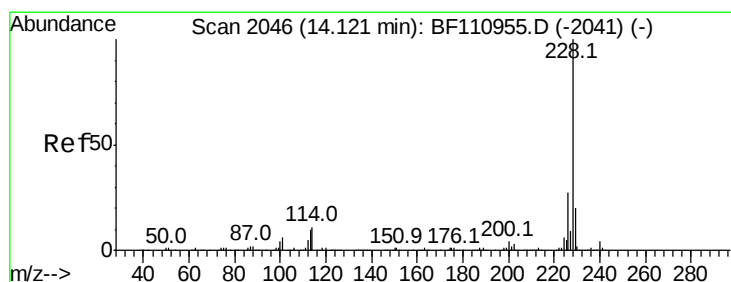
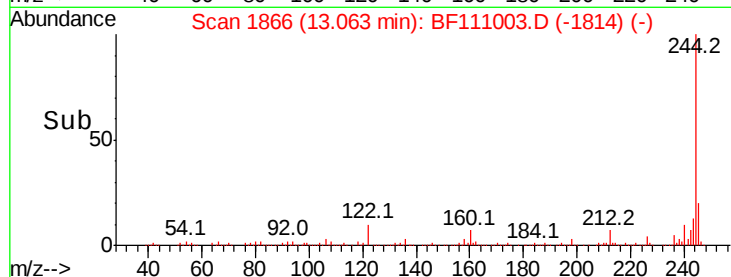
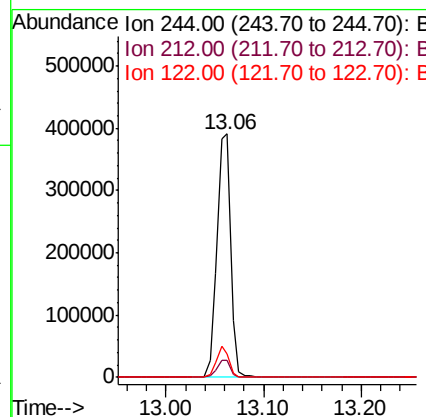
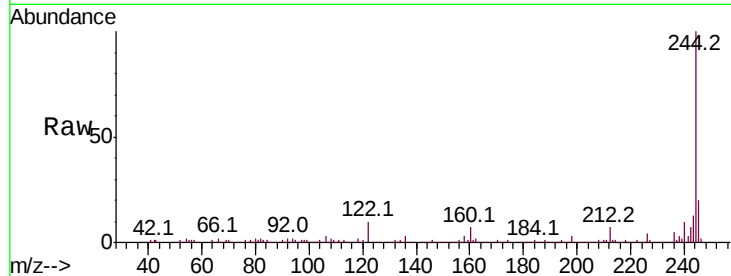
#79
 Terphenyl-d14
 Concen: 64.403 ng
 RT: 13.06 min Scan# 1866
 Delta R.T. 0.01 min
 Lab File: BF111003.D
 Acq: 27 Nov 2018 12:15

Instrument :
 BNA_F
 ClientSampleId :
 COMP-2RE

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.8
122	9.6	8.7	13.1

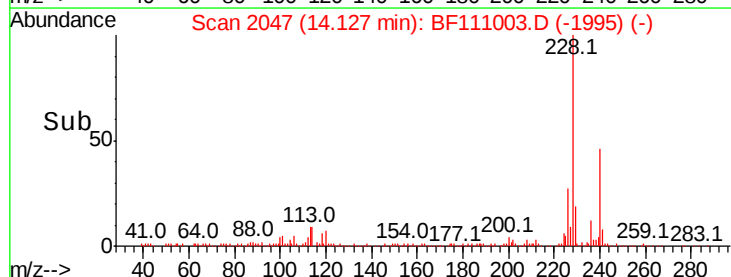
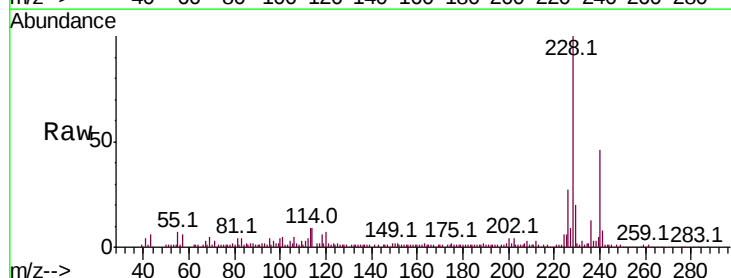
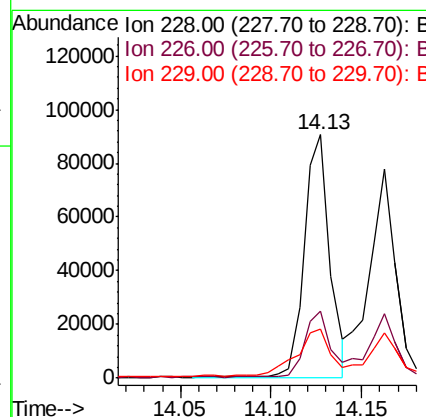
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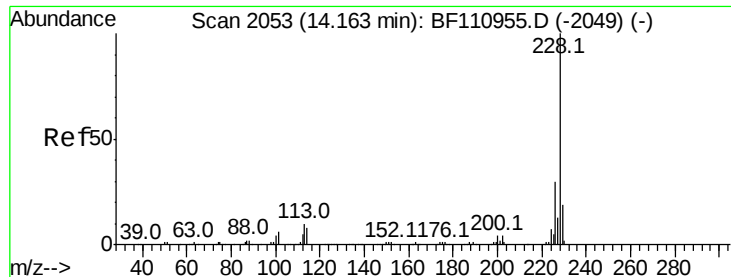
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#81
 Benzo(a)anthracene
 Concen: 13.058 ng
 RT: 14.13 min Scan# 2047
 Delta R.T. 0.01 min
 Lab File: BF111003.D
 Acq: 27 Nov 2018 12:15

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.3	22.1	33.1
229	20.1	15.6	23.4





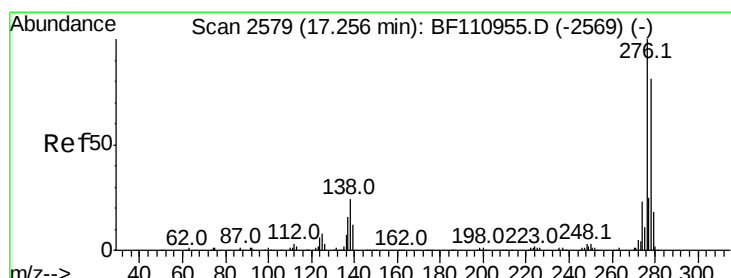
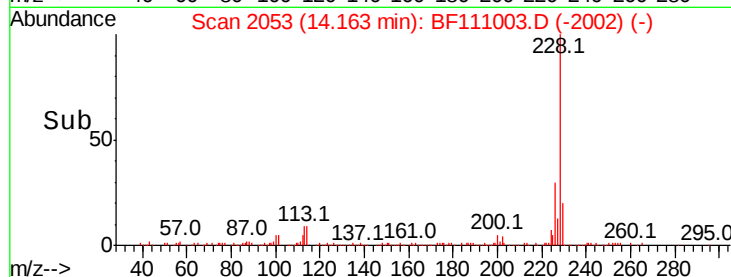
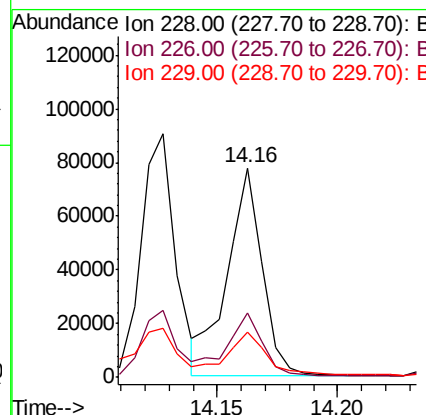
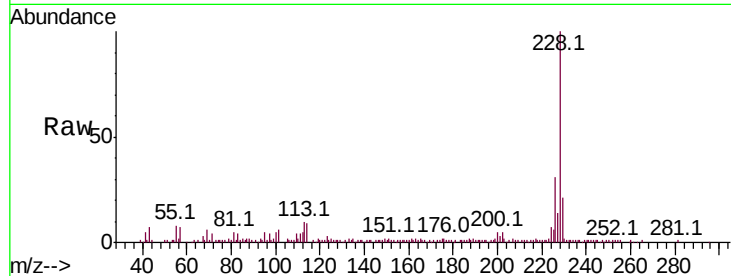
#83
Chrysene
Concen: 11.640 ng/mL
RT: 14.16 min Scan# 2053
Delta R.T. 0.00 min
Lab File: BF111003.D
Acq: 27 Nov 2018 12:15

Instrument :
BNA_F
ClientSampleId :
COMP-2RE

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.7	37.1
229	21.4	15.9	23.9

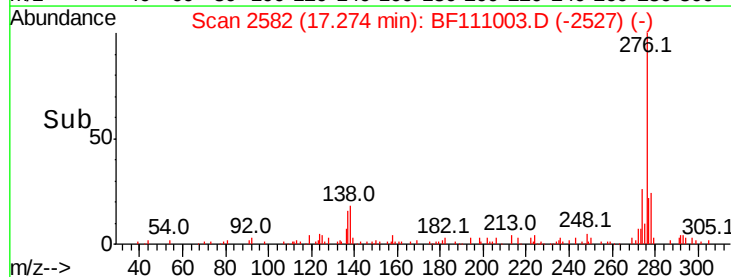
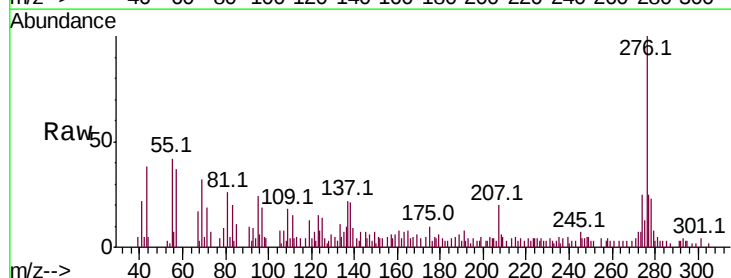
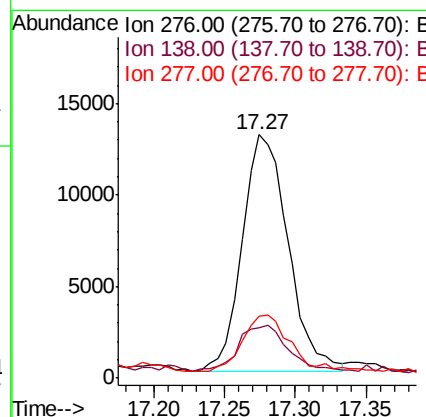
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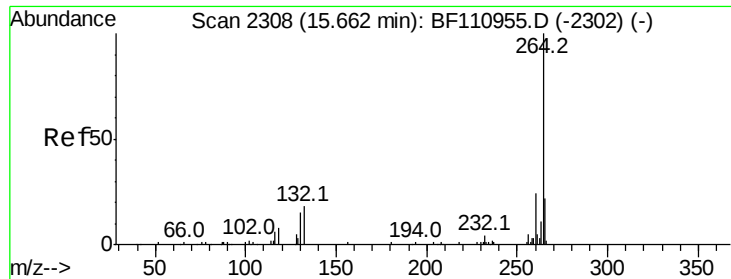
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#86
Indeno(1,2,3-cd)pyrene
Concen: 6.060 ng/mL
RT: 17.27 min Scan# 2582
Delta R.T. 0.02 min
Lab File: BF111003.D
Acq: 27 Nov 2018 12:15

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.9	18.5	27.7
277	25.6	20.0	30.0





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.67 min Scan# 2310

Delta R.T. 0.01 min

Lab File: BF111003.D

Acq: 27 Nov 2018 12:15

Instrument :

BNA_F

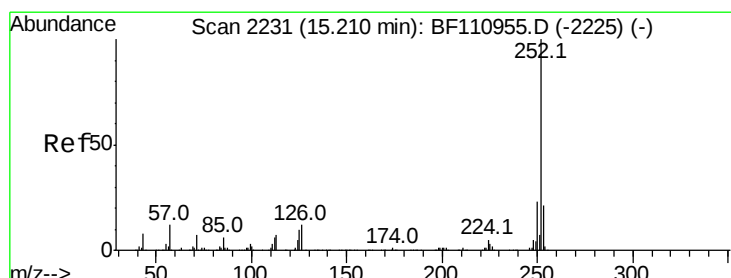
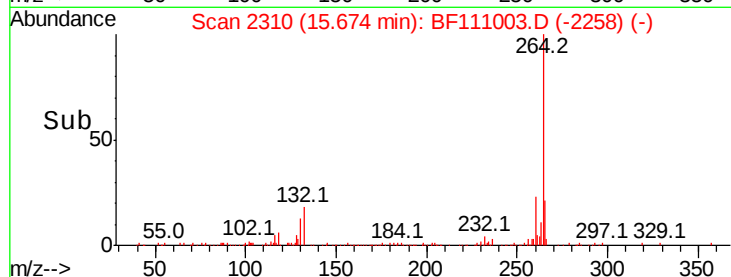
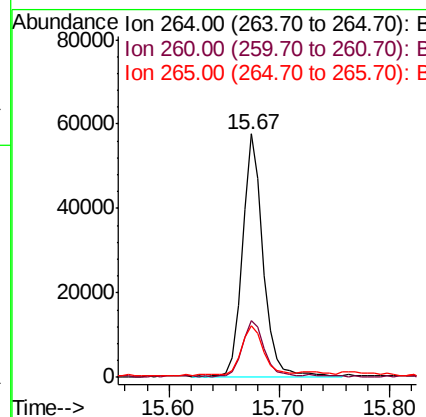
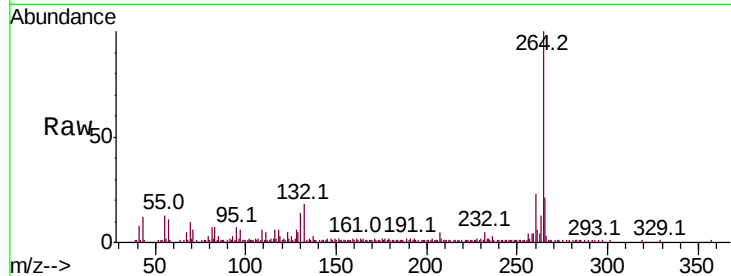
ClientSampleId :

COMP-2RE

Tot Ion:	264	Resp:	76468
Ion Ratio	Lower	Upper	
264	100		
260	23.2	18.7	28.1
265	21.5	16.7	25.1

Manual Integrations
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#88

Benzo(b)fluoranthene

Concen: 17.752 ng m

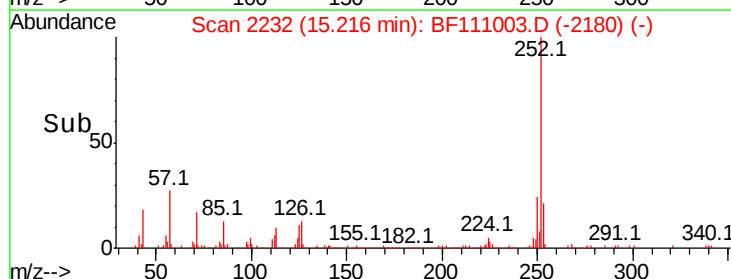
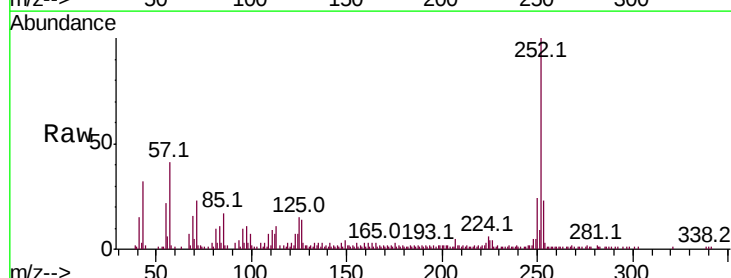
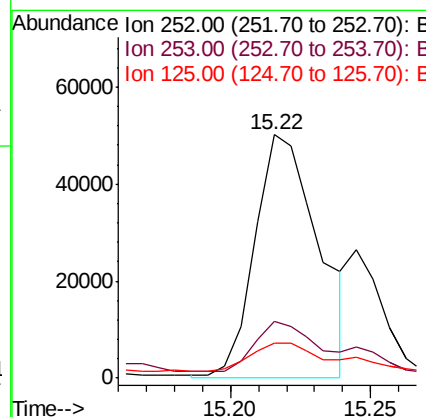
RT: 15.22 min Scan# 2232

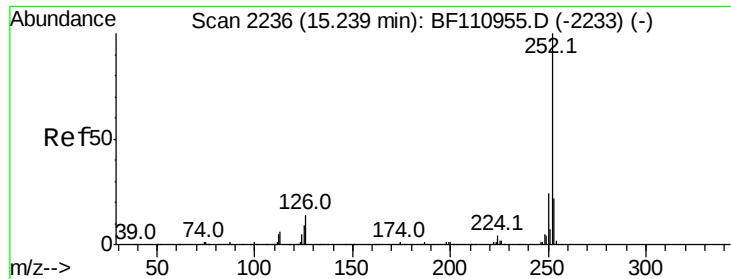
Delta R.T. 0.01 min

Lab File: BF111003.D

Acq: 27 Nov 2018 12:15

Tgt Ion:	252	Resp:	79746
Ion Ratio	Lower	Upper	
252	100		
253	23.3	17.2	25.8
125	14.5	8.2	12.4#





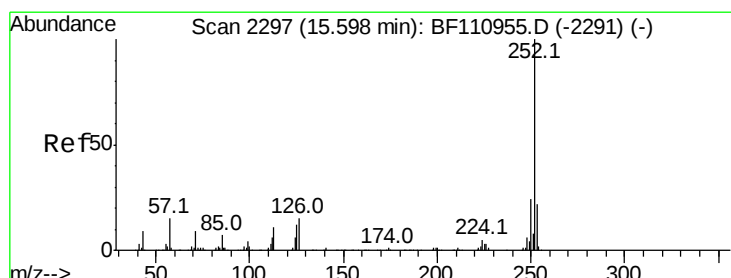
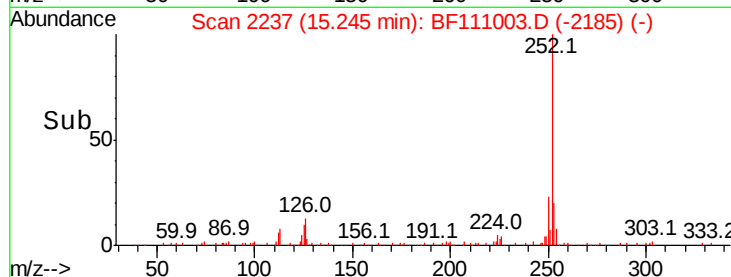
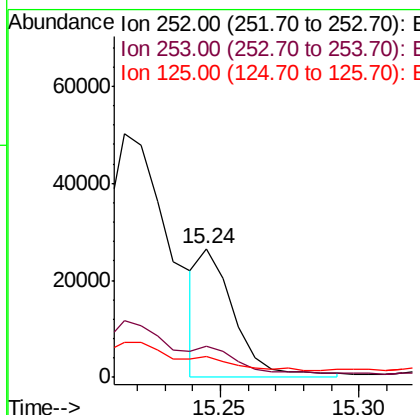
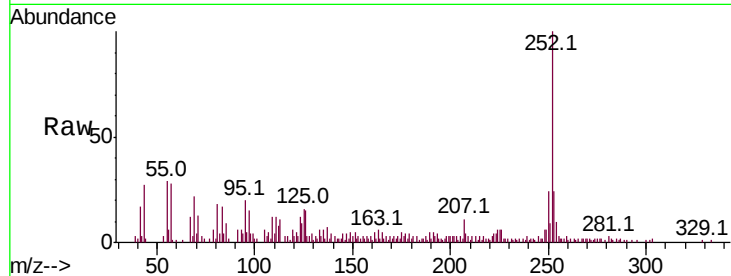
#89
Benzo(k)fluoranthene
Concen: 5.108 ng m
RT: 15.24 min Scan# 2237
Delta R.T. 0.01 min
Lab File: BF111003.D
Acq: 27 Nov 2018 12:15

Instrument :
BNA_F
ClientSampleId :
COMP-2RE

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.5	17.2	25.8
125	16.5	7.4	11.0

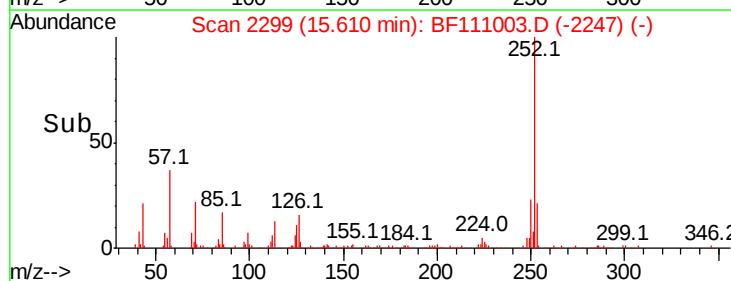
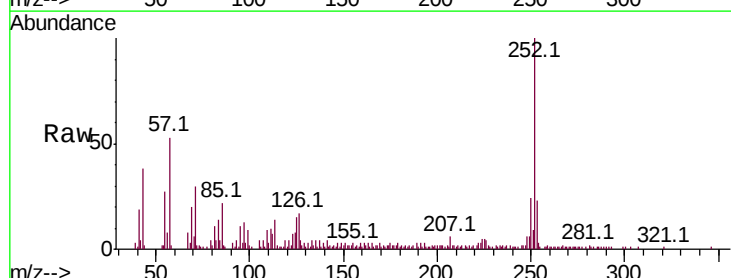
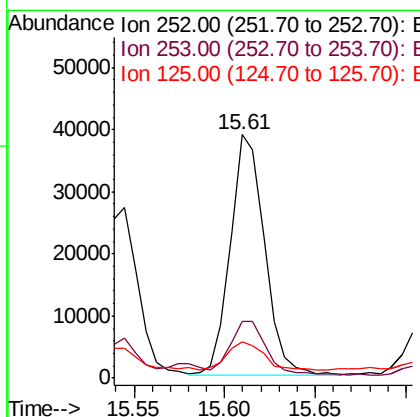
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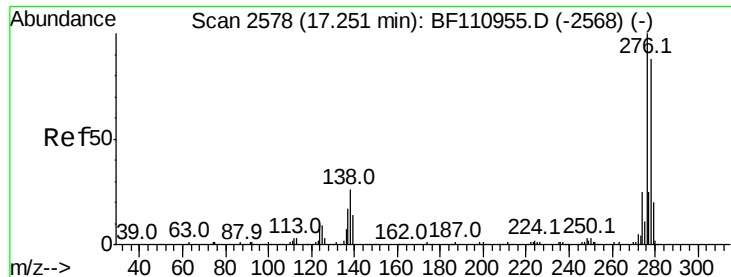
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#90
Benzo(a)pyrene
Concen: 12.190 ng
RT: 15.61 min Scan# 2299
Delta R.T. 0.01 min
Lab File: BF111003.D
Acq: 27 Nov 2018 12:15

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.2	27.4
125	15.1	9.0	13.6





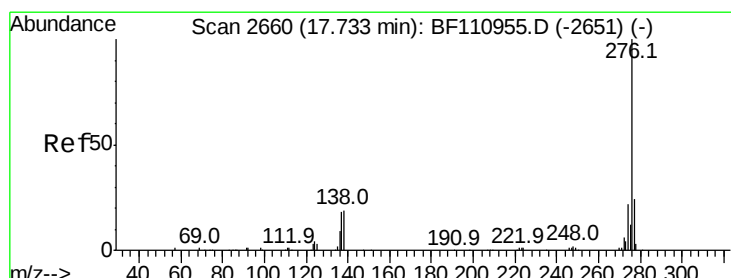
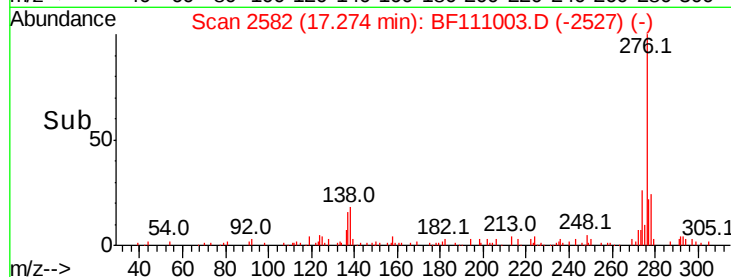
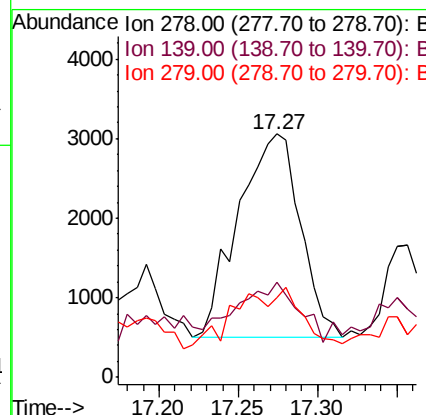
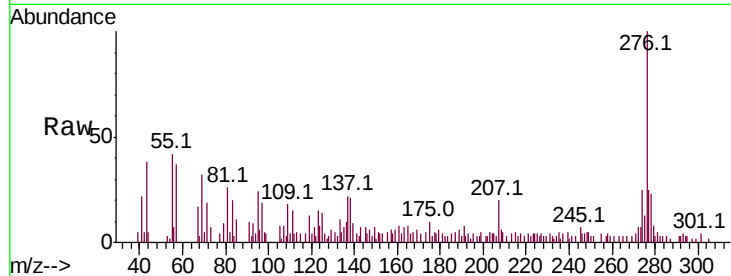
#91
Dibenzo(a,h)anthracene
Concen: 2.020 ng
RT: 17.27 min Scan# 2582
Delta R.T. 0.02 min
Lab File: BF111003.D
Acq: 27 Nov 2018 12:15

Instrument :
BNA_F
ClientSampleId :
COMP-2RE

Tot Ion	Ratio	Lower	Upper
278	100		
139	39.3	12.7	19.1#
279	32.6	19.0	28.4#

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 8.942 ng
RT: 17.77 min Scan# 2666
Delta R.T. 0.03 min
Lab File: BF111003.D
Acq: 27 Nov 2018 12:15

Tgt Ion	Ratio	Lower	Upper
276	100		
277	27.3	18.8	28.2
138	23.2	16.0	24.0

