

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011119\
 Data File : BF112018.D
 Acq On : 11 Jan 2019 16:34
 Operator : JU/SJ
 Sample : K1058-01RE
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-(1-10)-COMP

Manual Integrations
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Sohil
 1/14/2019 4:10:16 PM

Quant Time: Jan 11 22:52:28 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 11 21:37:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	107806	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	383478	20.00	ng	0.00
39) Acenaphthene-d10	9.91	164	167973	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	282890	20.00	ng	0.00
76) Chrysene-d12	14.04	240	287075	20.00	ng	0.00
87) Perylene-d12	15.52	264	221880	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	325065	51.59	ng	0.00
7) Phenol-d6	6.51	99	411160	50.62	ng	0.00
23) Nitrobenzene-d5	7.43	82	259898	36.22	ng	-0.01
42) 2,4,6-Tribromophenol	10.70	330	99558	45.57	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	484509	42.06	ng	0.00
79) Terphenyl-d14	12.98	244	447368	29.58	ng	0.00
Target Compounds						
10) Phenol	6.52	94	21687	2.457	ng	79
50) Dimethylphthalate	9.62	163	50552	4.006	ng	98
71) Phenanthrene	11.42	178	65574	4.336	ng	99
75) Fluoranthene	12.61	202	127521	8.213	ng	99
78) Pyrene	12.84	202	120476	6.099	ng	98
80) Butylbenzylphthalate	13.45	149	18633	2.231	ng	90
81) Benzo(a)anthracene	14.03	228	66473	4.023	ng	95
83) Chrysene	14.06	228	72408	4.596	ng	97
84) Bis(2-ethylhexyl)phthalate	14.01	149	24872	2.268	ng	# 96
86) Indeno(1,2,3-cd)pyrene	17.00	276	27080	2.358	ng	99
88) Benzo(b)fluoranthene	15.08	252	79579m	5.996	ng	
89) Benzo(k)fluoranthene	15.11	252	31364m	2.514	ng	
90) Benzo(a)pyrene	15.45	252	47218	4.046	ng	# 91
92) Benzo(a,h,i)perylene	17.45	276	29474	3.210	ng	99

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

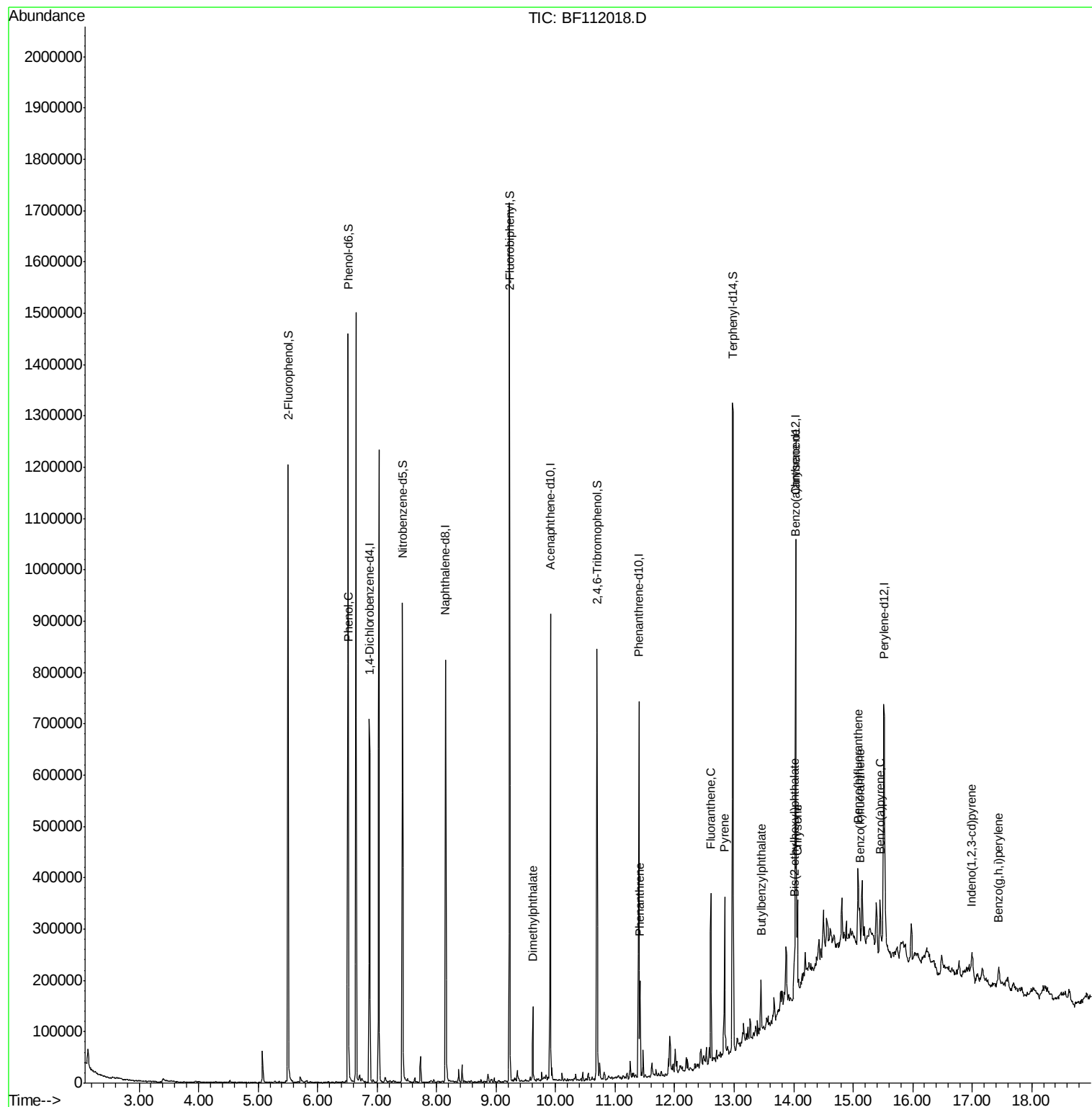
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011119\
Data File : BF112018.D
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ALS Vial : 11 Sample Multiplier: 1

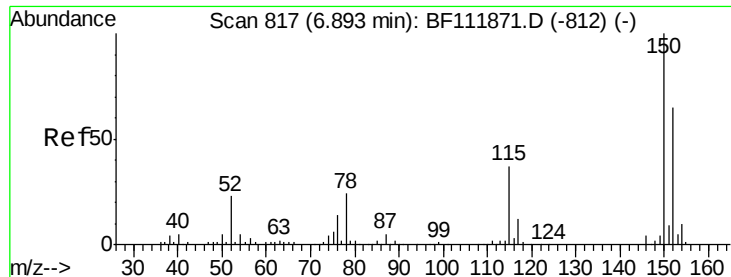
Instrument :
BNA_F
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Quant Time: Jan 11 22:52:28 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

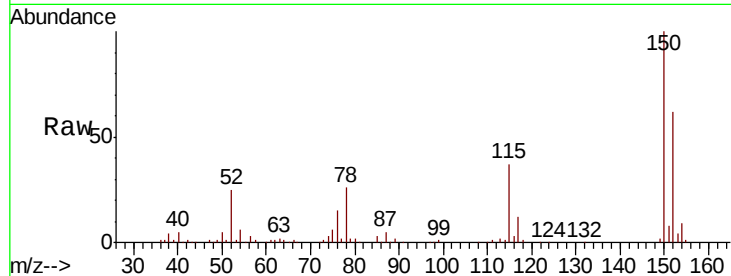
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.01 min
Lab File: BF112018.D
Acq: 11 Jan 2019 16:34

Instrument :
BNA_F
ClientSampleId :
TP-(1-10)-COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.5	122.7	184.1
115	60.4	45.2	67.8

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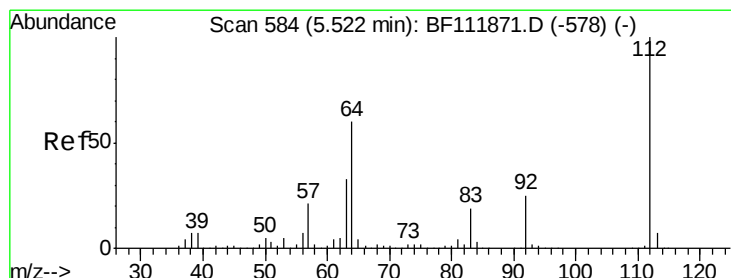
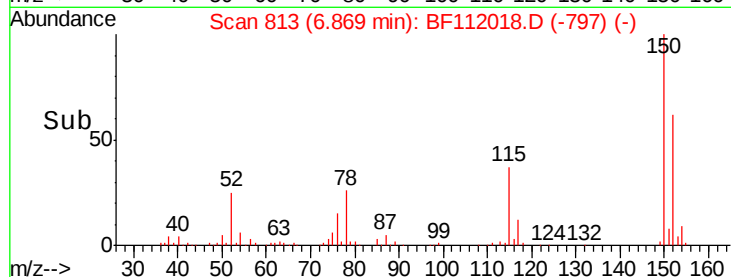
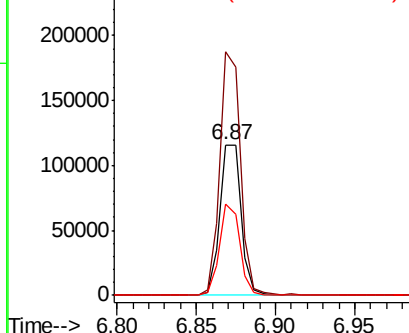


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

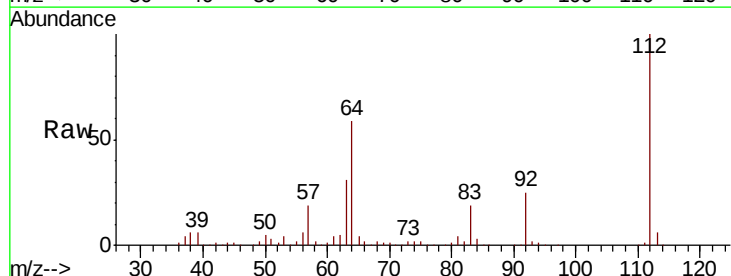
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 51.586 ng
RT: 5.50 min Scan# 581
Delta R.T. -0.00 min
Lab File: BF112018.D
Acq: 11 Jan 2019 16:34

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.0	48.3	72.5
63	31.2	26.1	39.1

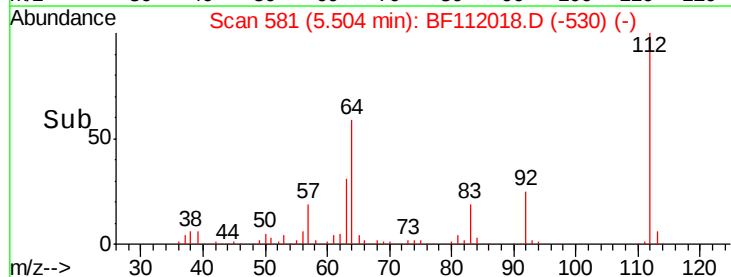
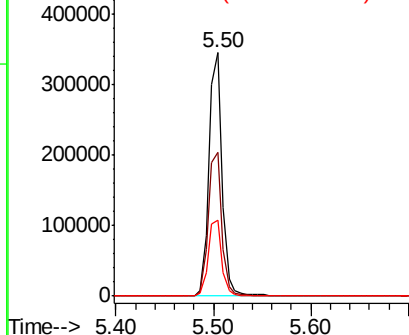


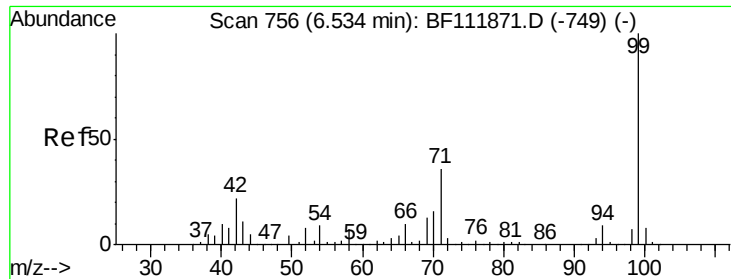
Abundance

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: 50.624 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF112018.D

Acq: 11 Jan 2019 16:34

Instrument :

BNA_F

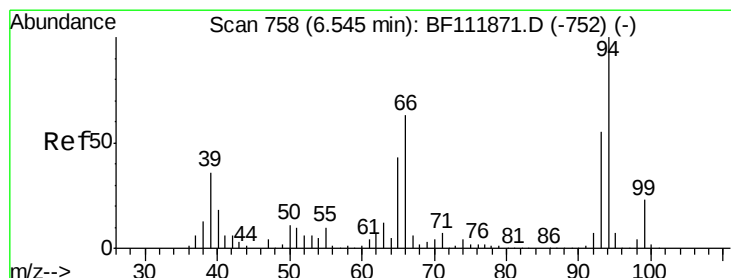
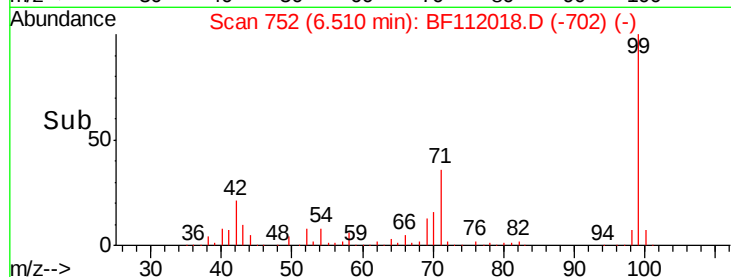
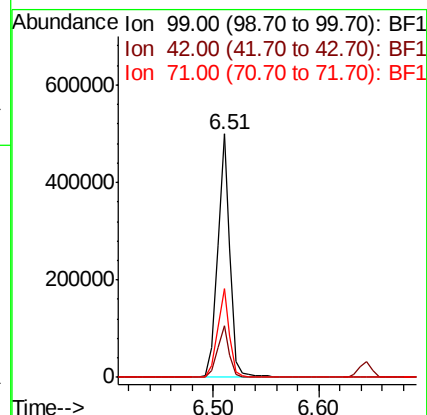
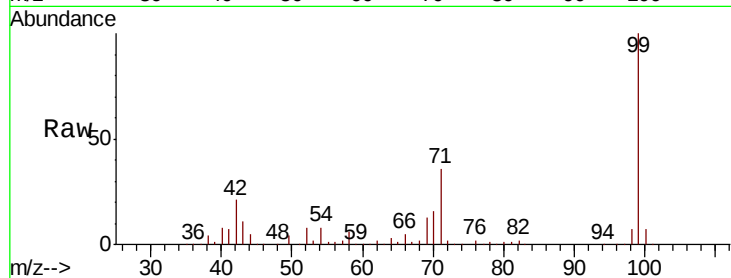
ClientSampleId :

TP-(1-10)-COMP

Tot Ion:	99	Resp:	411160
Ion	Ratio	Lower	Upper
99	100		
42	21.1	17.9	26.9
71	36.3	28.7	43.1

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#10

Phenol

Concen: 2.457 ng

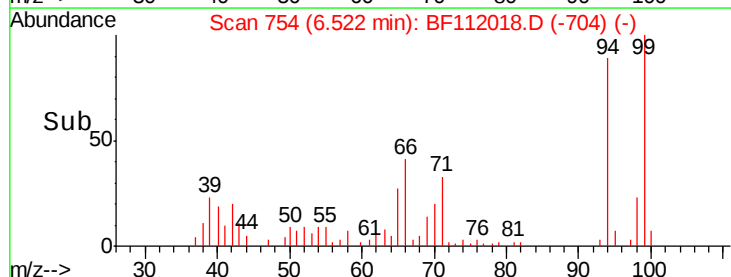
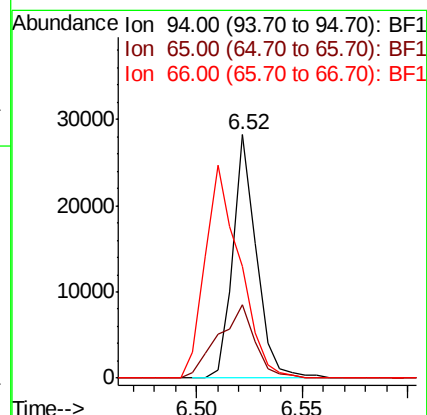
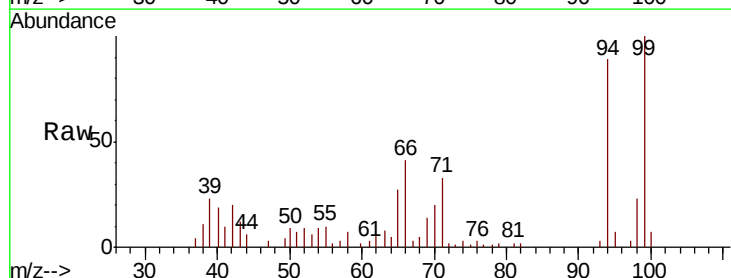
RT: 6.52 min Scan# 754

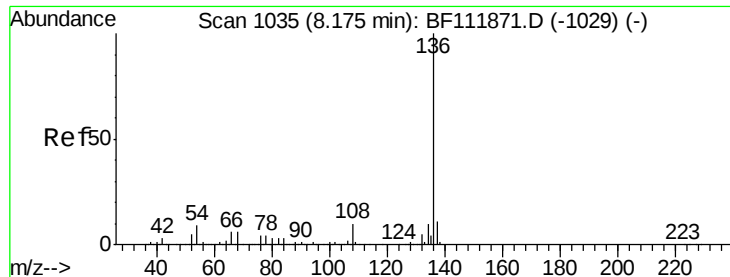
Delta R.T. -0.01 min

Lab File: BF112018.D

Acq: 11 Jan 2019 16:34

Tgt Ion:	94	Resp:	21687
Ion	Ratio	Lower	Upper
94	100		
65	30.1	22.8	62.8
66	46.0	43.3	83.3





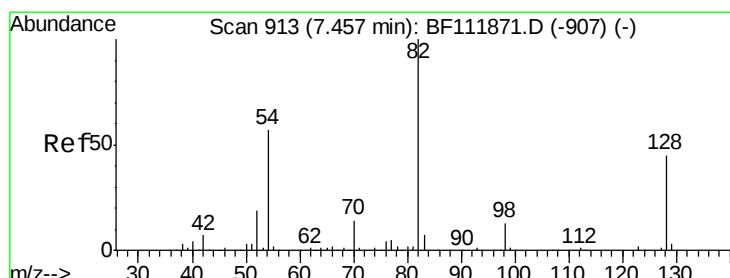
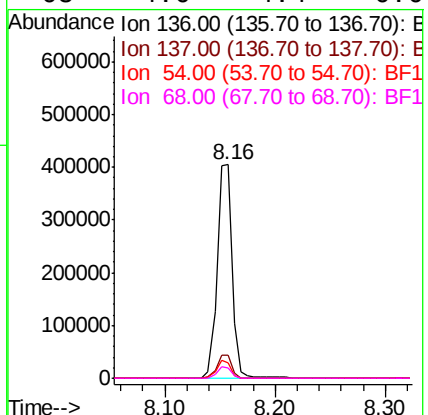
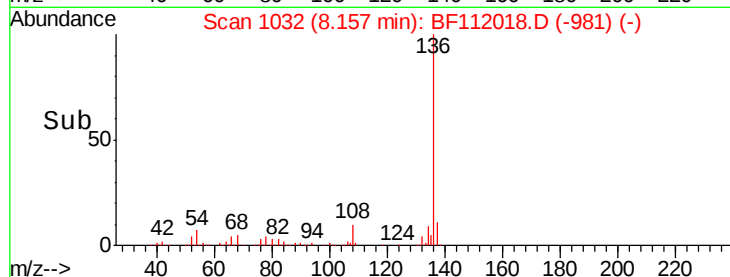
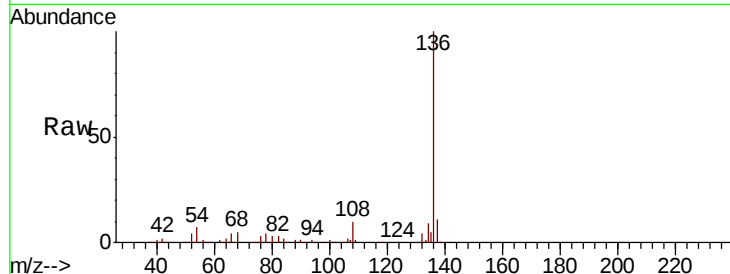
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BF112018.D
Acq: 11 Jan 2019 16:34

Instrument :
BNA_F
ClientSampleId :
TP-(1-10)-COMP

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.0	9.1	13.7	
54	7.4	7.2	10.8	
68	4.6	4.4	6.6	

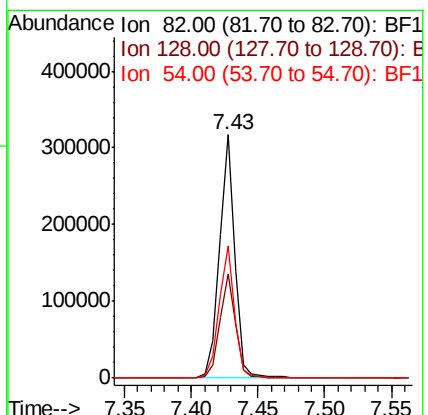
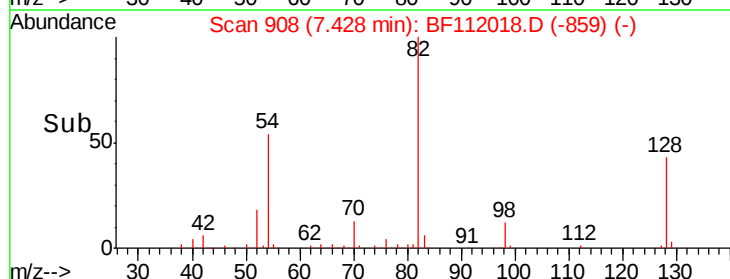
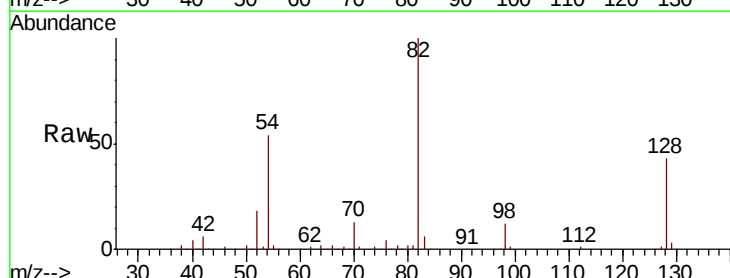
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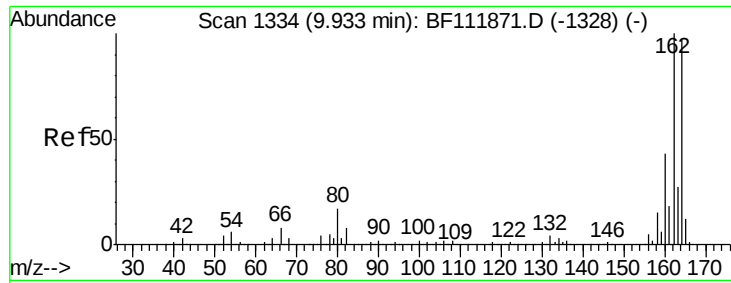
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#23
Nitrobenzene-d5
Concen: 36.222 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF112018.D
Acq: 11 Jan 2019 16:34

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	43.0	35.7	53.5	
54	54.3	45.8	68.8	





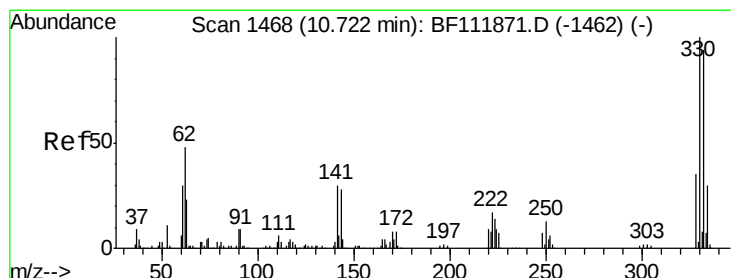
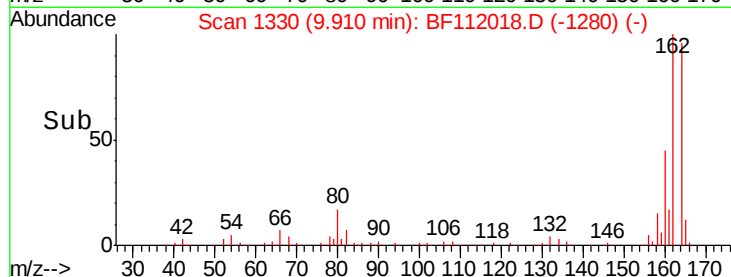
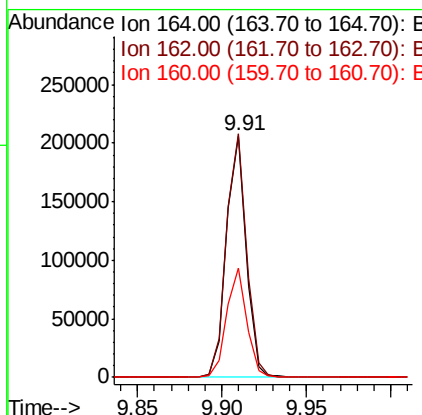
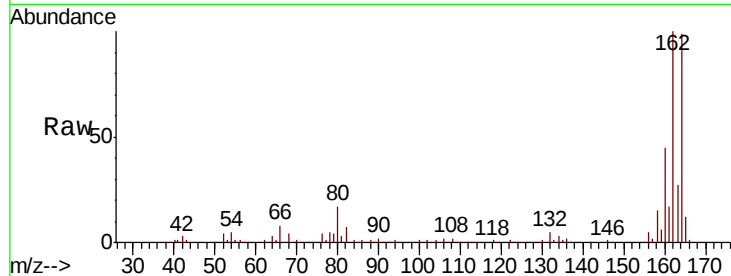
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BF112018.D
Acq: 11 Jan 2019 16:34

Instrument :
BNA_F
ClientSampleId :
TP-(1-10)-COMP

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.8	82.2	123.2
160	45.0	35.5	53.3

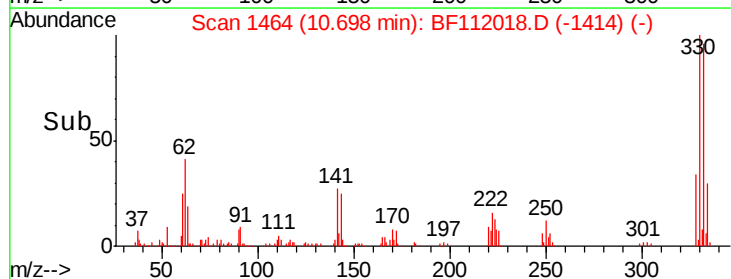
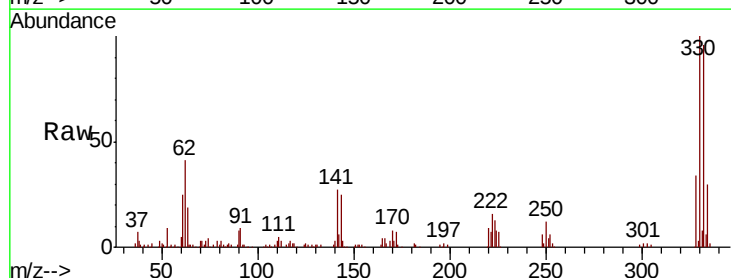
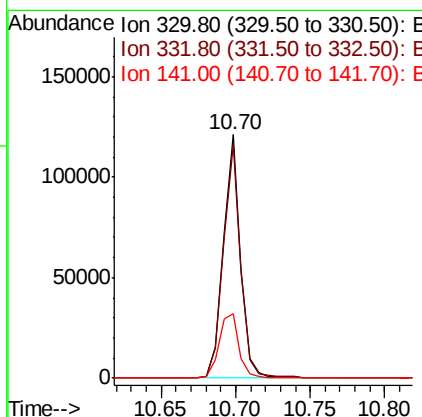
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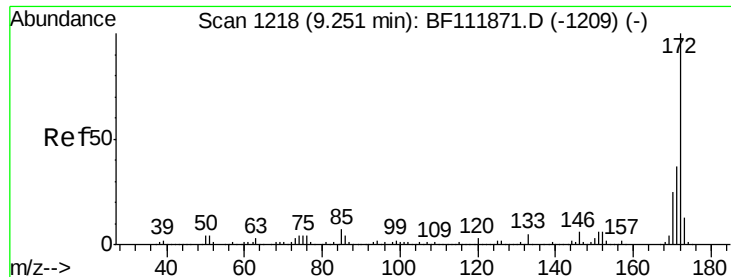
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#42
2,4,6-Tribromophenol
Concen: 45.568 ng
RT: 10.70 min Scan# 1464
Delta R.T. -0.01 min
Lab File: BF112018.D
Acq: 11 Jan 2019 16:34

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.9	76.9	115.3
141	30.2	23.7	35.5





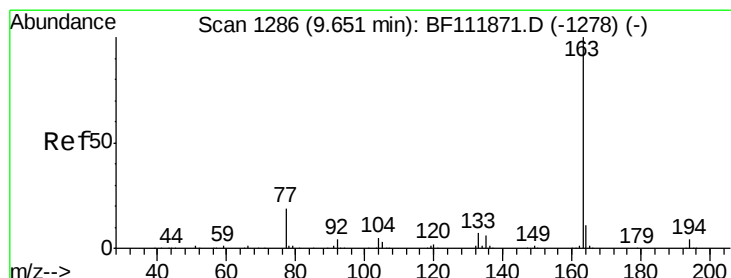
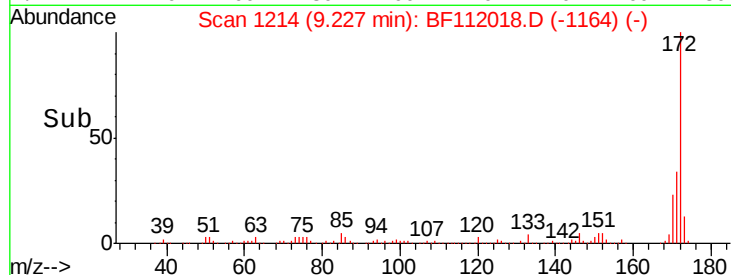
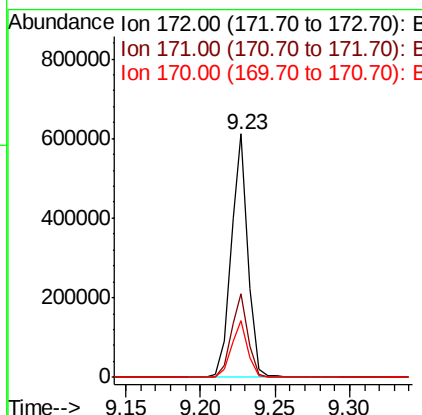
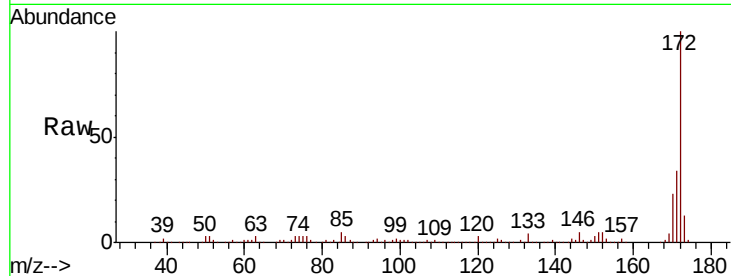
#45
2-Fluorobiphenyl
Concen: 42.061 ng
RT: 9.23 min Scan# 1214
Delta R.T. -0.01 min
Lab File: BF112018.D
Acq: 11 Jan 2019 16:34

Instrument :
BNA_F
ClientSampleId :
TP-(1-10)-COMP

Tot Ion	Ratio	Resp	Lower	Upper
172	100			
171	34.3	29.6	44.4	
170	23.3	19.8	29.8	

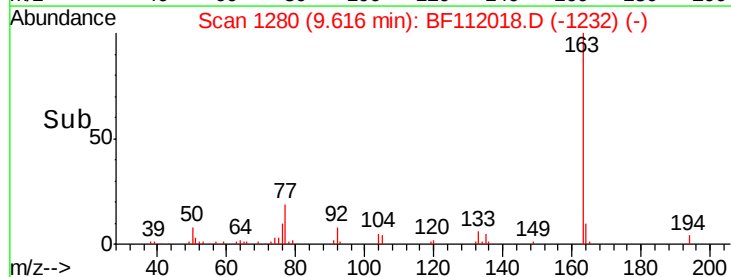
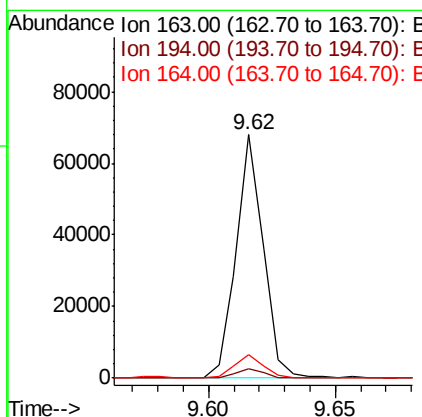
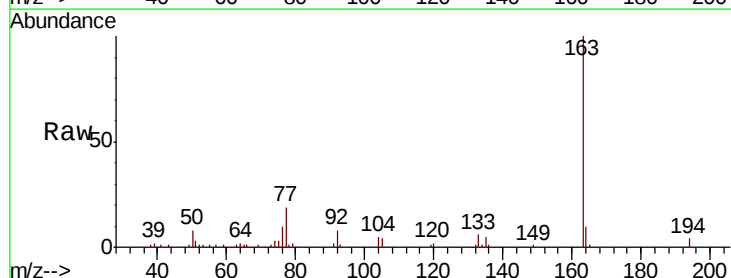
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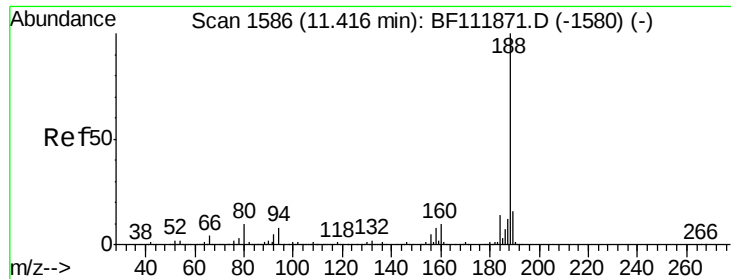
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#50
Dimethylphthalate
Concen: 4.006 ng
RT: 9.62 min Scan# 1280
Delta R.T. -0.02 min
Lab File: BF112018.D
Acq: 11 Jan 2019 16:34

Tgt Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.8	3.4	5.2	
164	9.6	8.5	12.7	





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.40 min Scan# 1583

Delta R.T. -0.00 min

Lab File: BF112018.D

Acq: 11 Jan 2019 16:34

Instrument :

BNA_F

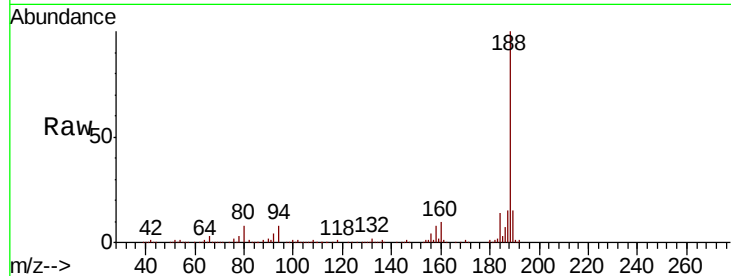
ClientSampleId :

TP-(1-10)-COMP

Tot Ion:	188	Resp:	282890
Ion Ratio	Lower	Upper	
188	100		
94	7.6	6.6	10.0
80	7.8	7.7	11.5

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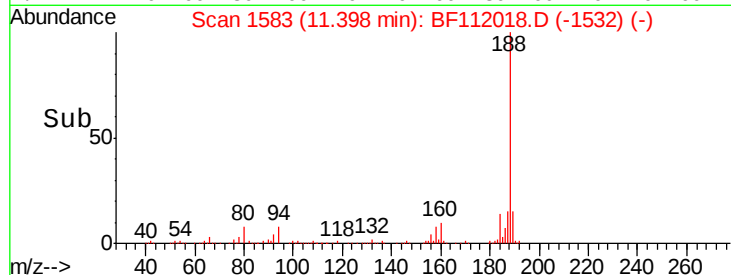


Abundance Ion 188.00 (187.70 to 188.70): E

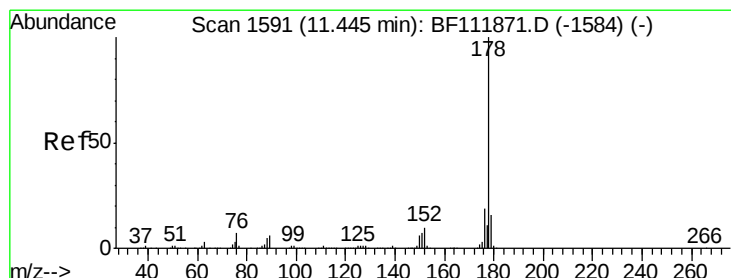
Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

Time-->



Time-->



#71

Phenanthrene

Concen: 4.336 ng

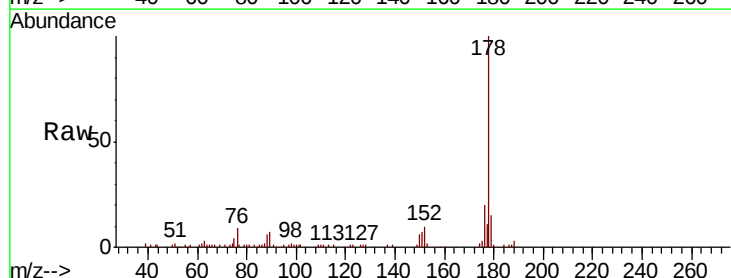
RT: 11.42 min Scan# 1586

Delta R.T. -0.01 min

Lab File: BF112018.D

Acq: 11 Jan 2019 16:34

Tgt Ion:	178	Resp:	65574
Ion Ratio	Lower	Upper	
178	100		
176	20.5	15.6	23.4
179	15.4	12.6	18.8

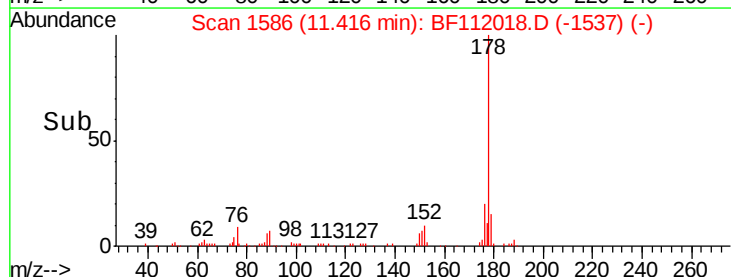


Abundance Ion 178.00 (177.70 to 178.70): E

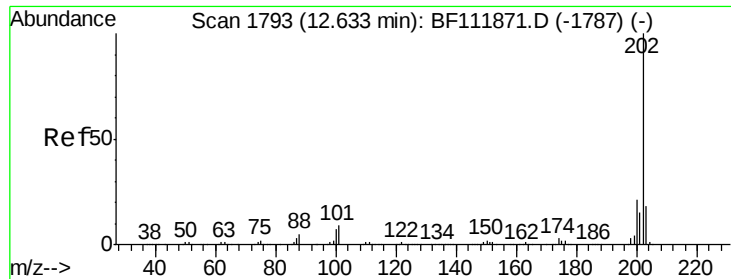
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

Time-->



Time-->



#75

Fluoranthene

Concen: 8.213 ng

RT: 12.61 min Scan# 1789

Delta R.T. -0.01 min

Lab File: BF112018.D

Acq: 11 Jan 2019 16:34

Instrument :

BNA_F

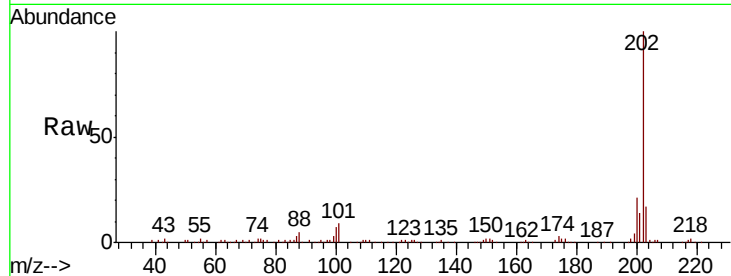
ClientSampleId :

TP-(1-10)-COMP

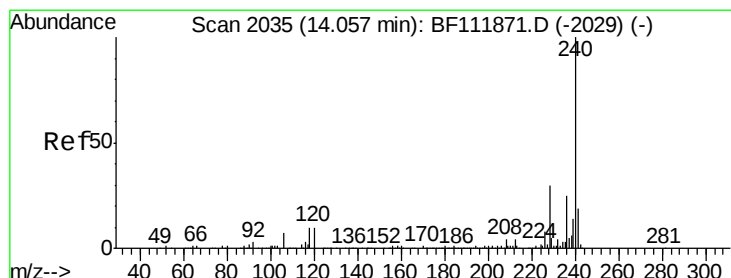
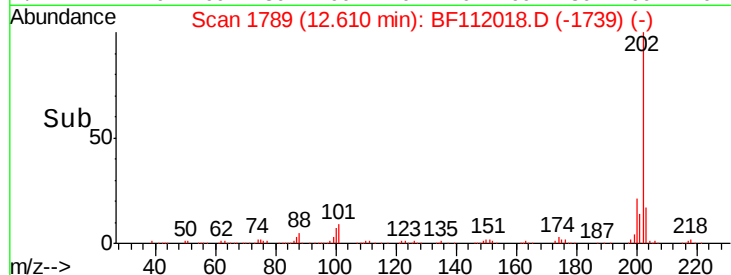
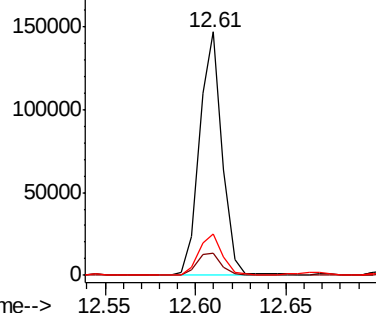
Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	8.9	0.0	29.3
203	17.2	0.0	37.6

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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.04 min Scan# 2032

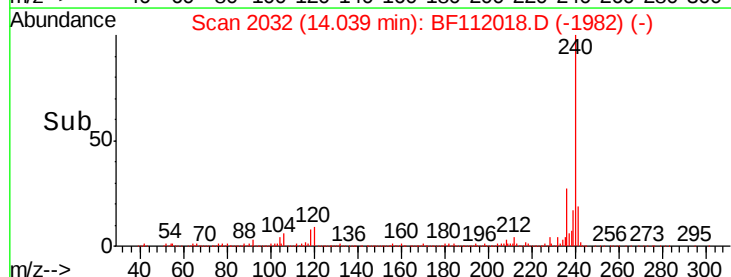
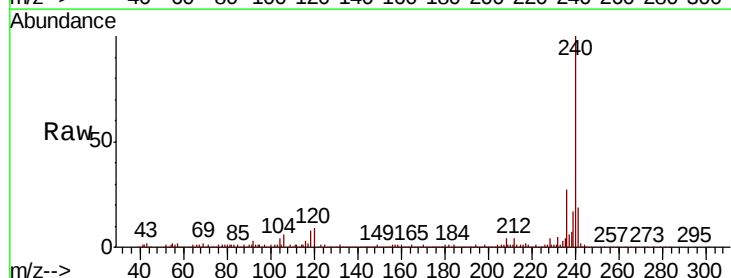
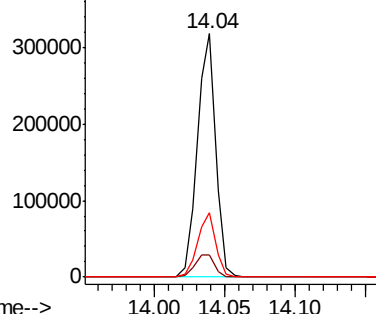
Delta R.T. -0.01 min

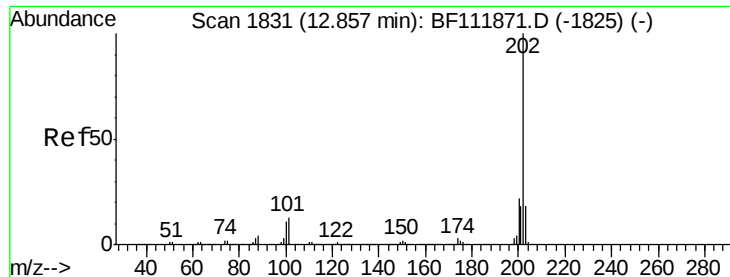
Lab File: BF112018.D

Acq: 11 Jan 2019 16:34

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	8.9	8.2	12.2
236	26.6	20.2	30.4

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





#78

Pvrene

Concen: 6.099 ng

RT: 12.84 min Scan# 1828

Delta R.T. -0.01 min

Lab File: BF112018.D

Acq: 11 Jan 2019 16:34

Instrument :

BNA_F

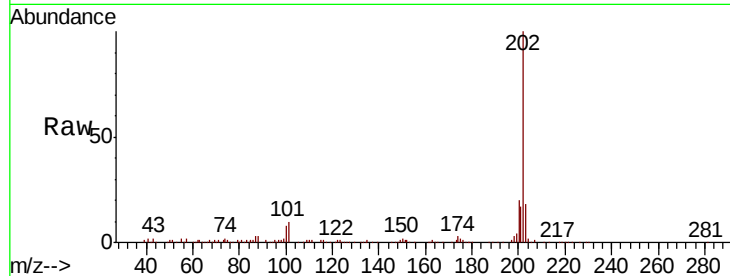
ClientSampleId :

TP-(1-10)-COMP

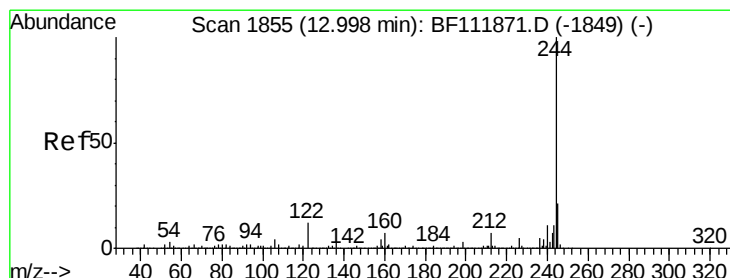
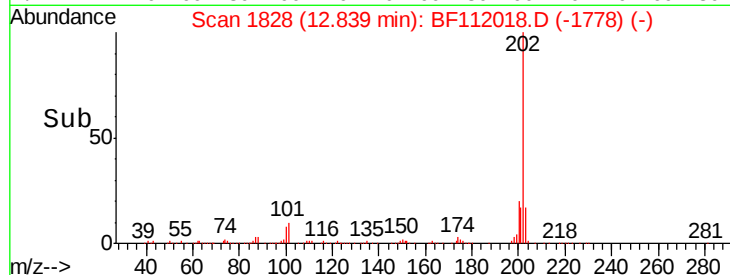
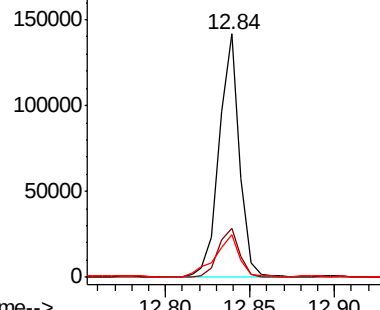
Tot Ion:	202	Resp:	120476
Ion Ratio	Lower	Upper	
202	100		
200	20.3	17.4	26.2
203	17.5	14.6	21.8

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



#79

Terphenyl-d14

Concen: 29.581 ng

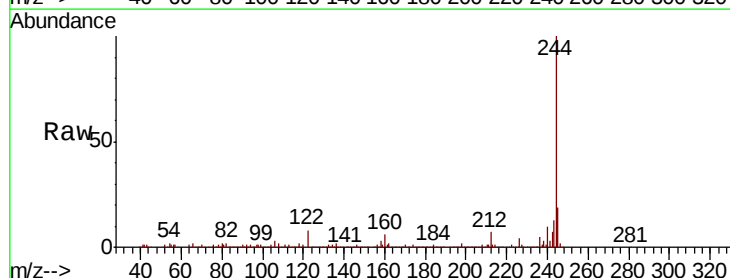
RT: 12.98 min Scan# 1852

Delta R.T. -0.01 min

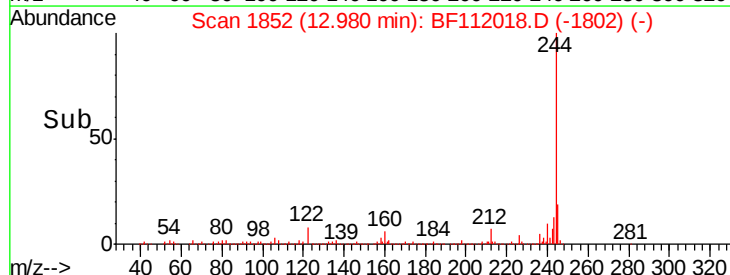
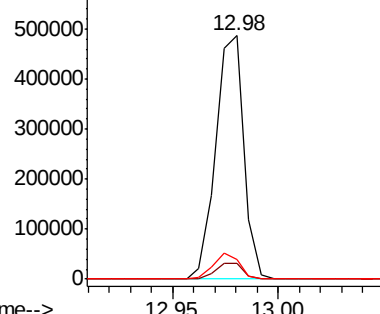
Lab File: BF112018.D

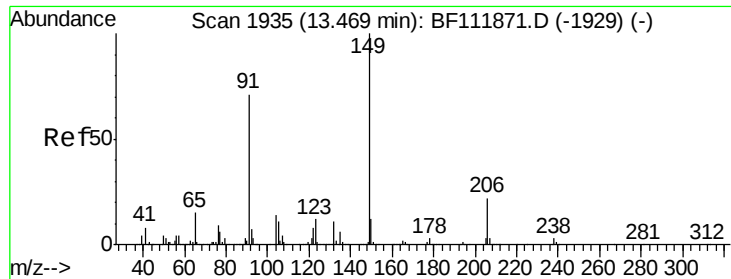
Acq: 11 Jan 2019 16:34

Tgt Ion:	244	Resp:	447368
Ion Ratio	Lower	Upper	
244	100		
212	6.6	5.8	8.8
122	8.2	9.5	14.3#



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





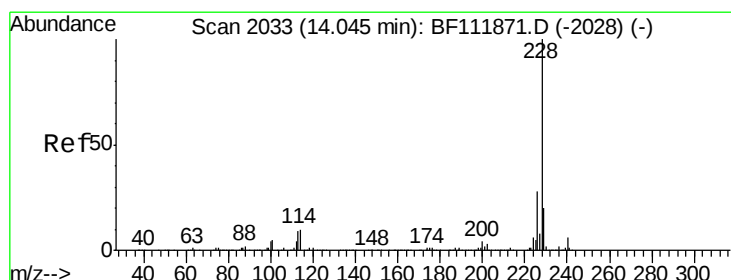
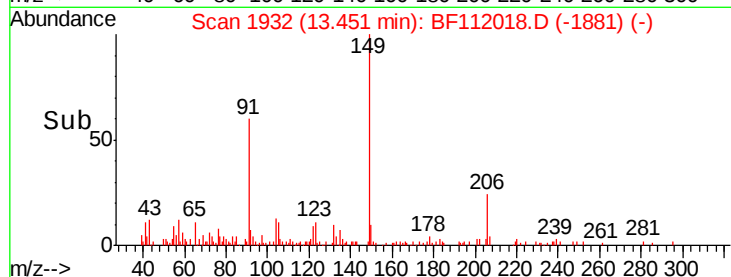
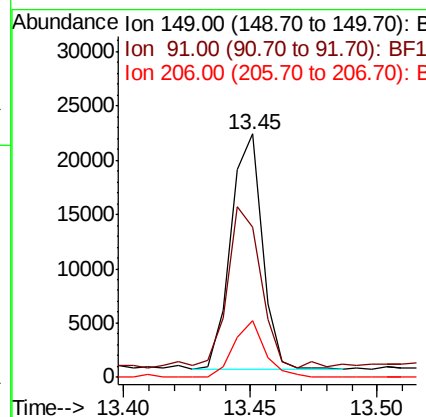
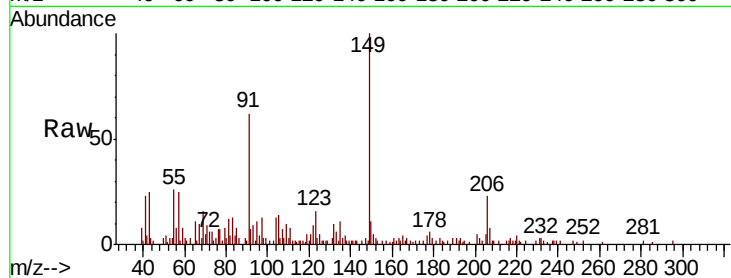
#80
Butylbenzylphthalate
Concen: 2.231 ng
RT: 13.45 min Scan# 1932
Delta R.T. -0.00 min
Lab File: BF112018.D
Acq: 11 Jan 2019 16:34

Instrument :
BNA_F
ClientSampleId :
TP-(1-10)-COMP

Tot Ion	Ratio	Lower	Upper
149	100		
91	61.8	57.2	85.8
206	23.3	17.3	25.9

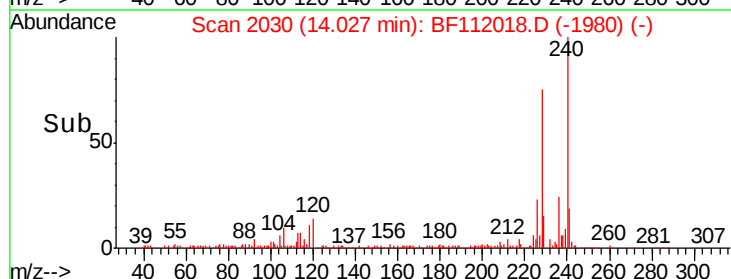
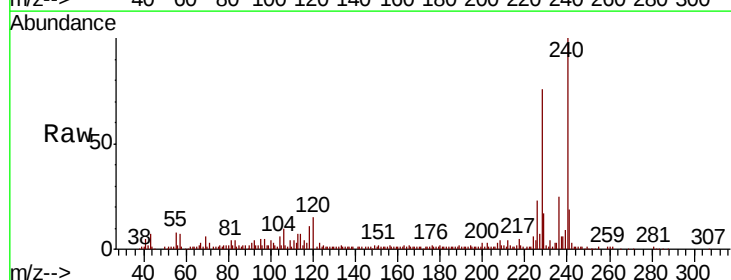
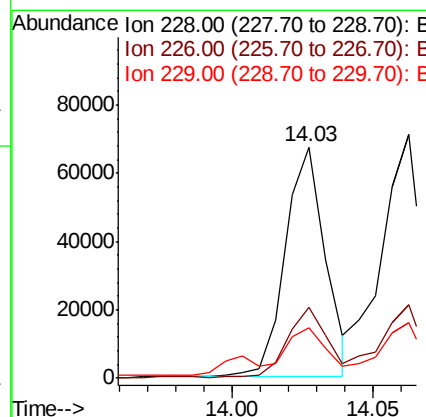
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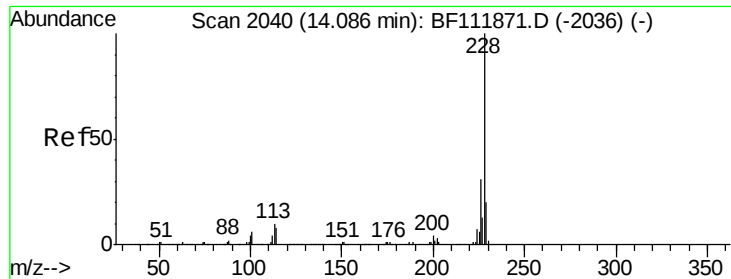
Sohil
1/14/2019 4:10:16 PM



#81
Benzo(a)anthracene
Concen: 4.023 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF112018.D
Acq: 11 Jan 2019 16:34

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.9	22.2	33.2
229	21.9	16.2	24.2





#83

Chrysene

Concen: 4.596 ng

RT: 14.06 min Scan# 2036

Delta R.T. -0.01 min

Lab File: BF112018.D

Acq: 11 Jan 2019 16:34

Instrument :

BNA_F

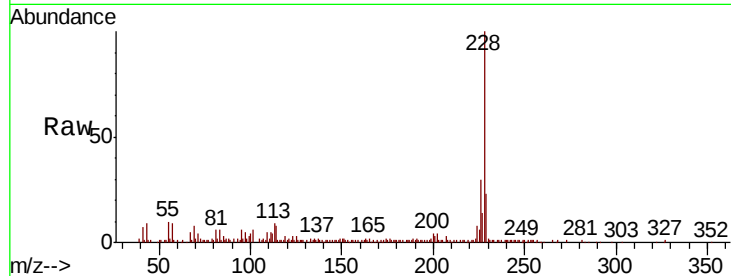
ClientSampleId :

TP-(1-10)-COMP

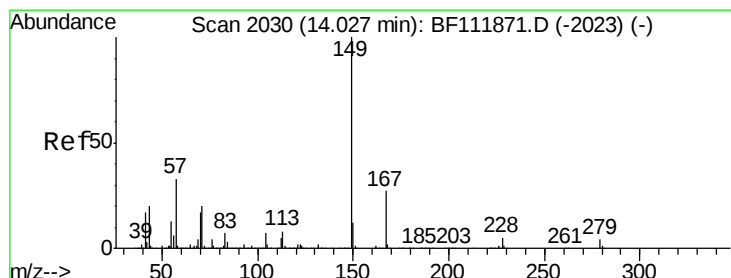
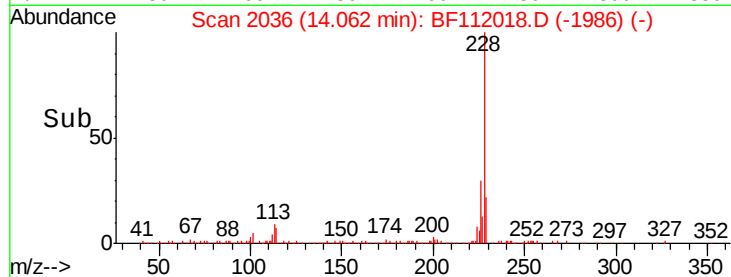
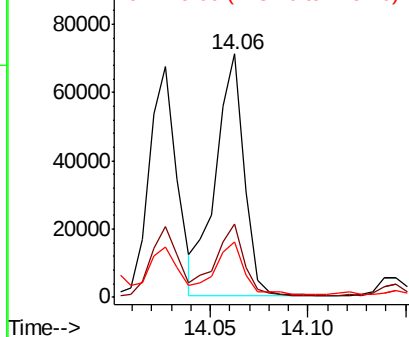
Tot Ion:	228	Resp:	72408
Ion Ratio	Lower	Upper	
228	100		
226	30.1	24.6	37.0
229	22.8	15.7	23.5

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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 2.268 ng

RT: 14.01 min Scan# 2027

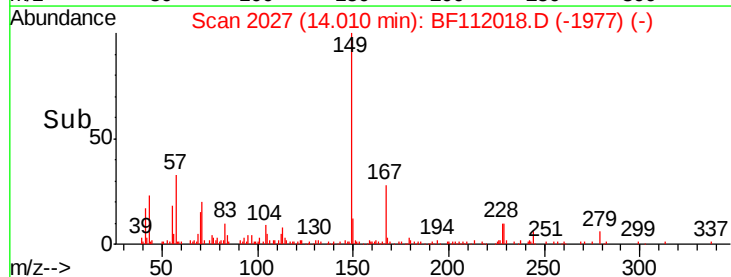
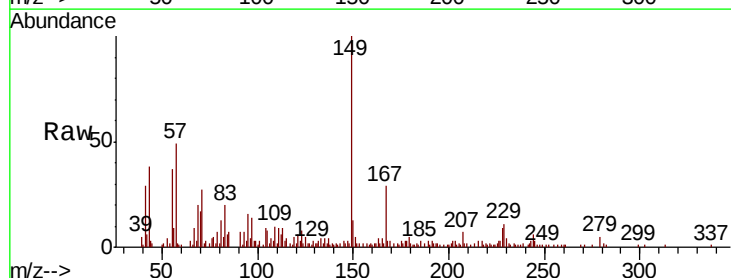
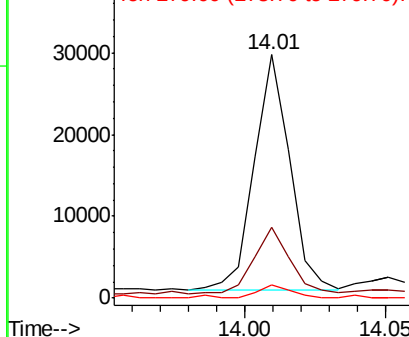
Delta R.T. -0.01 min

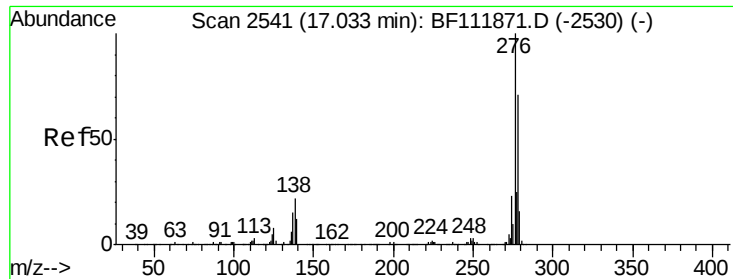
Lab File: BF112018.D

Acq: 11 Jan 2019 16:34

Tgt Ion:	149	Resp:	24872
Ion Ratio	Lower	Upper	
149	100		
167	29.0	21.5	32.3
279	5.5	3.0	4.6#

Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E





#86

Indeno(1,2,3-cd)pyrene

Concen: 2.358 ng

RT: 17.00 min Scan# 2535

Delta R.T. -0.01 min

Lab File: BF112018.D

Acq: 11 Jan 2019 16:34

Instrument :

BNA_F

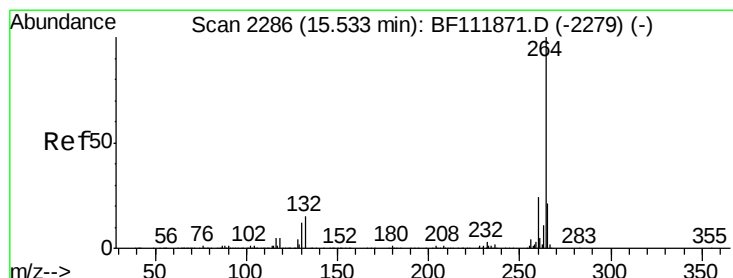
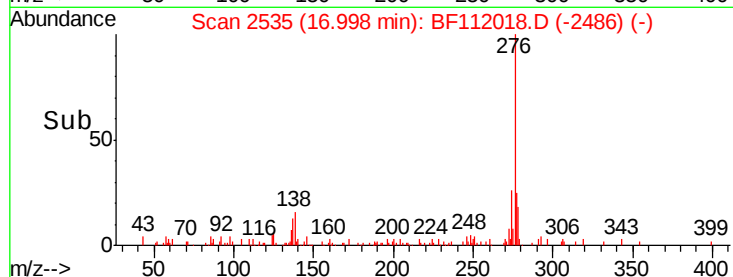
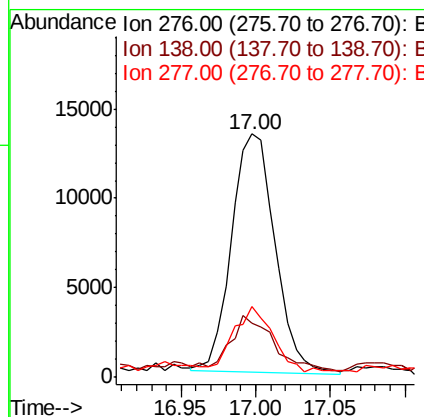
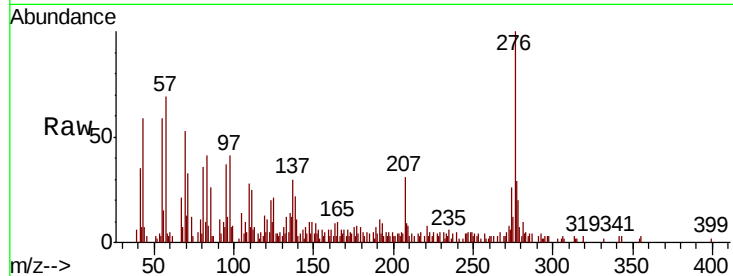
ClientSampleId :

TP-(1-10)-COMP

Tot Ion:	276	Resp:	27080
Ion Ratio	Lower	Upper	
276	100		
138	23.0	18.1	27.1
277	24.2	19.9	29.9

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#87

Perylene-d12

Concen: 20.000 ng

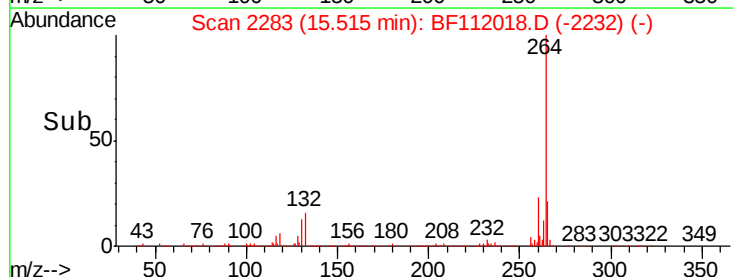
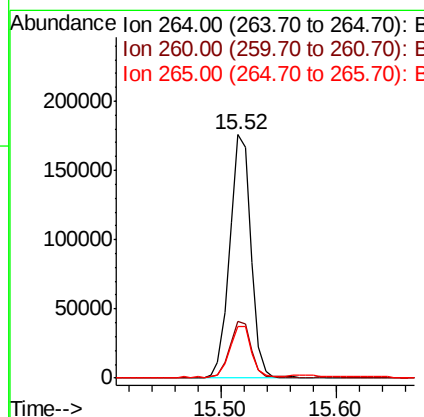
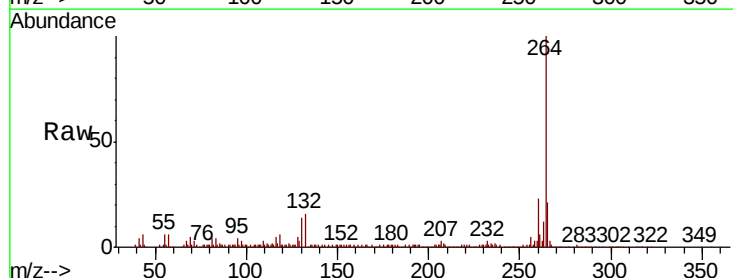
RT: 15.52 min Scan# 2283

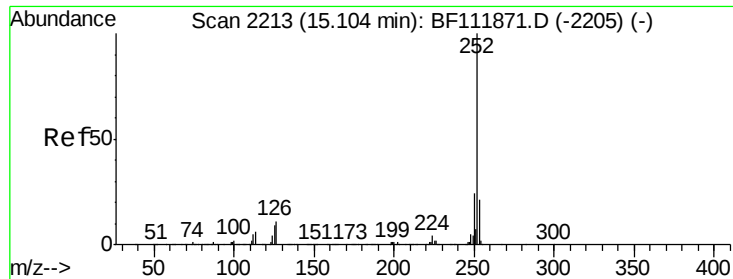
Delta R.T. -0.00 min

Lab File: BF112018.D

Acq: 11 Jan 2019 16:34

Tgt Ion:	264	Resp:	221880
Ion Ratio	Lower	Upper	
264	100		
260	23.2	19.2	28.8
265	21.2	17.1	25.7





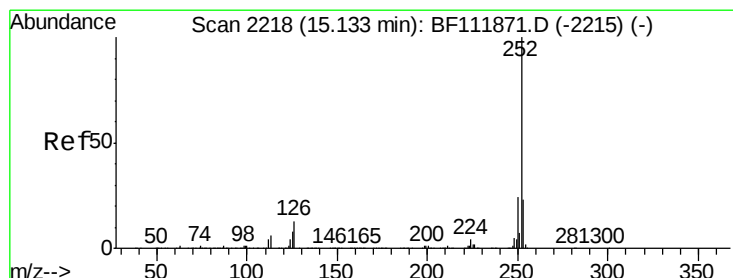
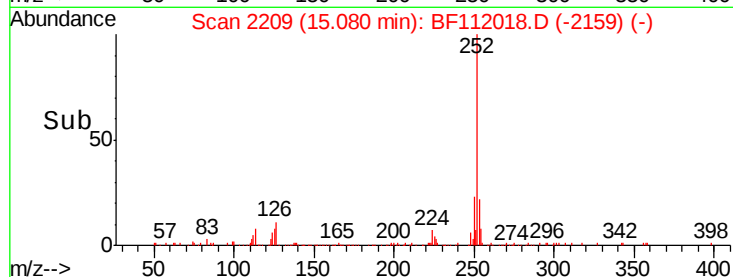
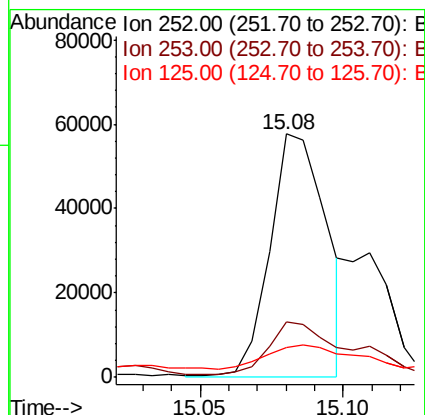
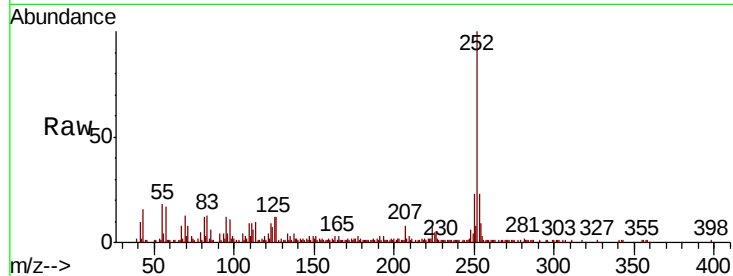
#88
Benzo(b)fluoranthene
Concen: 5.996 ng m
RT: 15.08 min Scan# 2209
Delta R.T. -0.01 min
Lab File: BF112018.D
Acq: 11 Jan 2019 16:34

Instrument :
BNA_F
ClientSampleId :
TP-(1-10)-COMP

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.0	25.6
125	12.4	7.1	10.7

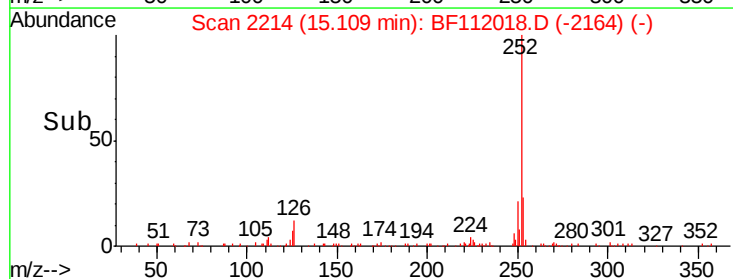
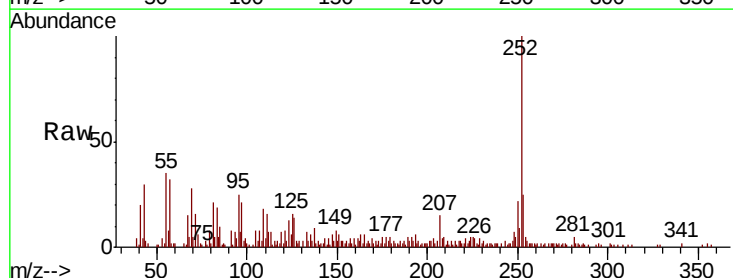
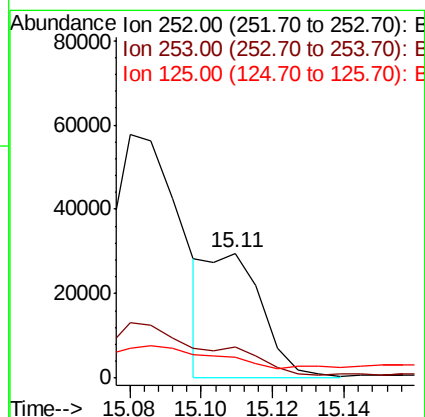
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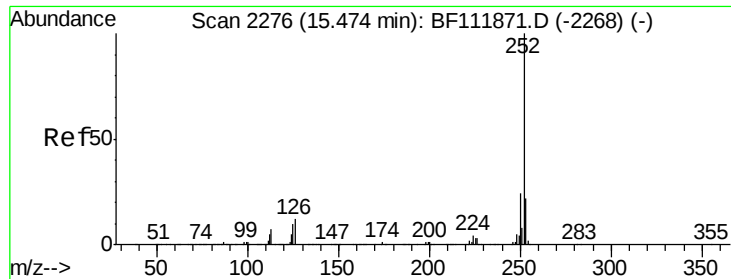
Sohil
1/14/2019 4:10:16 PM



#89
Benzo(k)fluoranthene
Concen: 2.514 ng m
RT: 15.11 min Scan# 2214
Delta R.T. -0.01 min
Lab File: BF112018.D
Acq: 11 Jan 2019 16:34

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.2	17.8	26.6
125	16.5	7.0	10.4





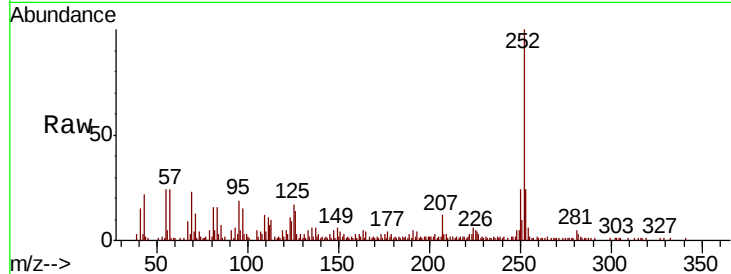
#90
Benzo(a)pyrene
Concen: 4.046 ng
RT: 15.45 min Scan# 2272
Delta R.T. -0.01 min
Lab File: BF112018.D
Acq: 11 Jan 2019 16:34

Instrument :
BNA_F
ClientSampled :
TP-(1-10)-COMP

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.4	26.2
125	17.1	7.9	11.9

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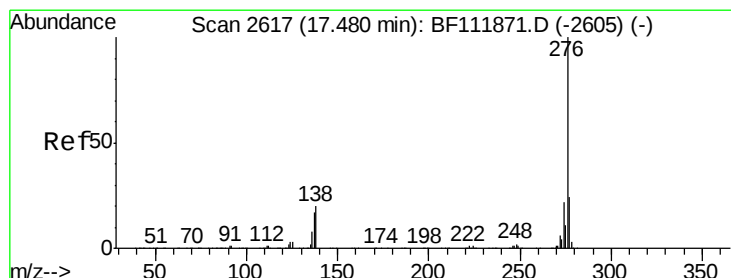
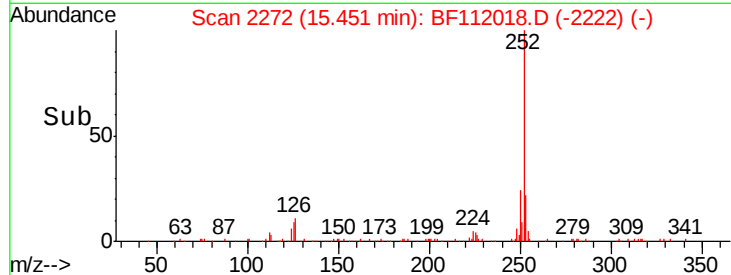
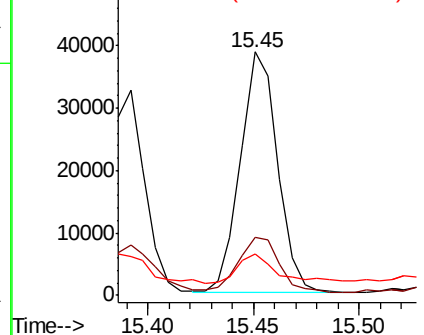


Abundance

Ion 252.00 (251.70 to 252.70): E

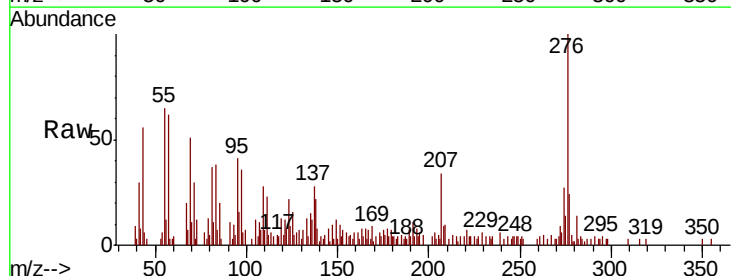
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#92
Benzo(g,h,i)perylene
Concen: 3.210 ng
RT: 17.45 min Scan# 2612
Delta R.T. -0.01 min
Lab File: BF112018.D
Acq: 11 Jan 2019 16:34

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.0	28.6
138	21.5	16.2	24.2



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

