

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100417\
 Data File : BF099067.D
 Acq On : 4 Oct 2017 15:24
 Operator : SJ/JU
 Sample : I5584-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-COMP

Manual Integrations
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Sohil
 10/5/2017 6:15:29 PM

Quant Time: Oct 04 18:46:41 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 04 18:42:14 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	156325	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	661064	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	309319	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	560935	20.00	ng	0.00
75) Chrysene-d12	14.03	240	412510	20.00	ng	0.00
86) Perylene-d12	15.50	264	301058	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1206394	122.85	ng	0.01
7) Phenol-d6	6.50	99	1455792	120.17	ng	0.01
23) Nitrobenzene-d5	7.43	82	908603	88.14	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	337983	133.53	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1476534	79.69	ng	0.00
78) Terphenyl-d14	12.97	244	1316178	72.56	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.51	94	39922	2.947	ng	97
49) Dimethylphthalate	9.62	163	359689	15.407	ng	99
51) Acenaphthene	9.93	154	41918	2.166	ng	99
57) Fluorene	10.45	166	51753	2.499	ng	98
70) Phenanthrene	11.41	178	488985	16.286	ng	99
71) Anthracene	11.46	178	164864	5.366	ng	97
74) Fluoranthene	12.60	202	757082	24.901	ng	99
77) Pyrene	12.83	202	622752	19.798	ng	99
80) Benzo(a)anthracene	14.02	228	226683	9.075	ng	99
82) Chrysene	14.05	228	204490	8.599	ng	98
85) Indeno(1,2,3-cd)pyrene	16.96	276	67315	3.539	ng	98
87) Benzo(b)fluoranthene	15.06	252	172997m	9.346	ng	
88) Benzo(k)fluoranthene	15.09	252	64680m	3.538	ng	
89) Benzo(a)pyrene	15.43	252	125099	7.363	ng	# 97
91) Benzo(a,h,i)perylene	17.42	276	69937	5.203	ng	97

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

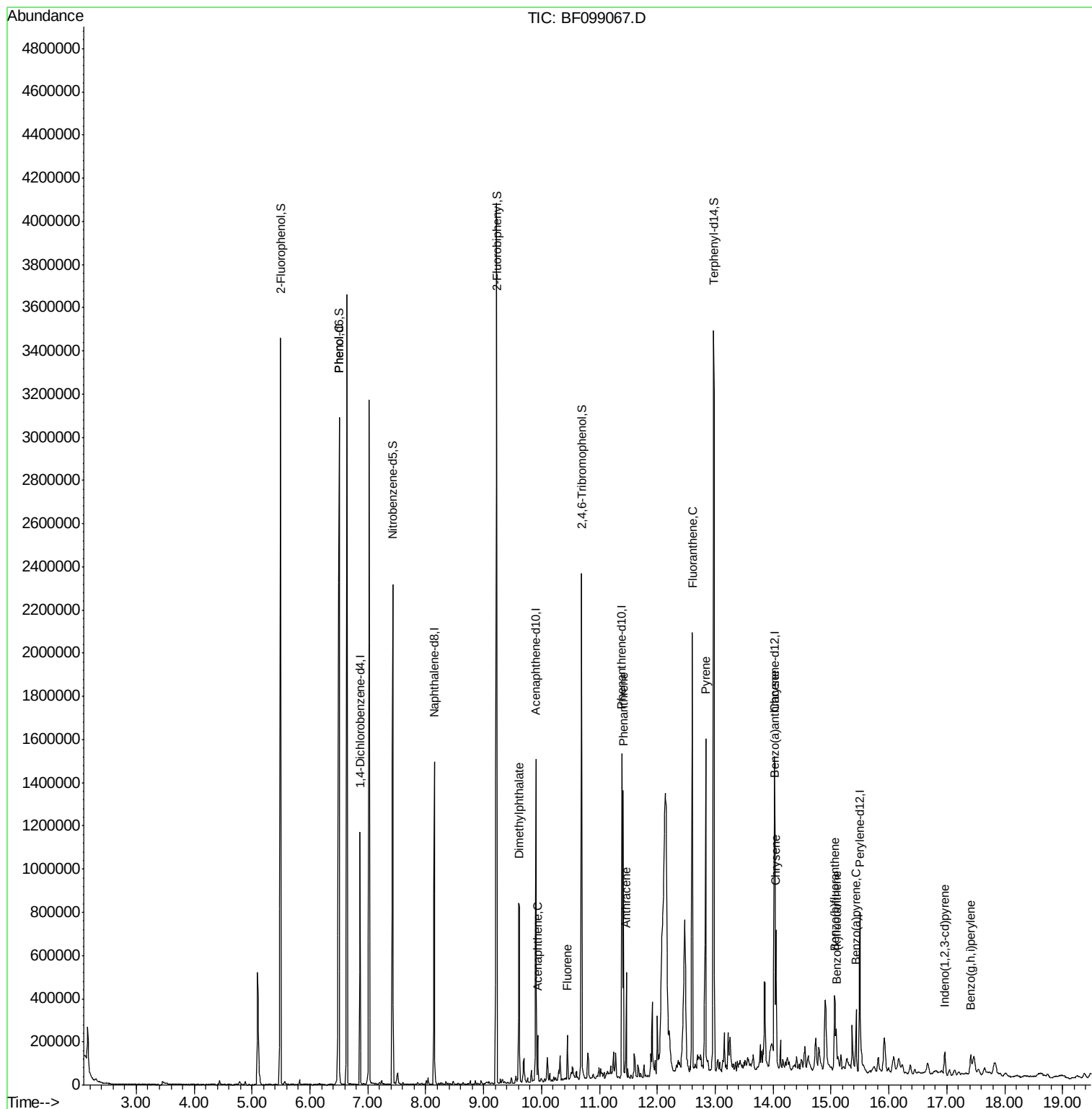
Data Path : Z:\HPCHEM1\BNA F\DATA\BF100417\
Data File : BF099067.D
Acq On : 4 Oct 2017 15:24
Operator : SJ/JU
Sample : I5584-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

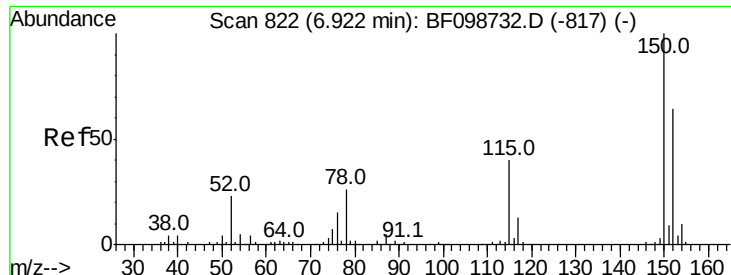
Instrument :
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#1

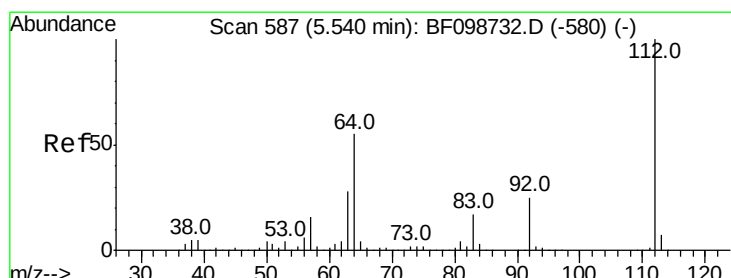
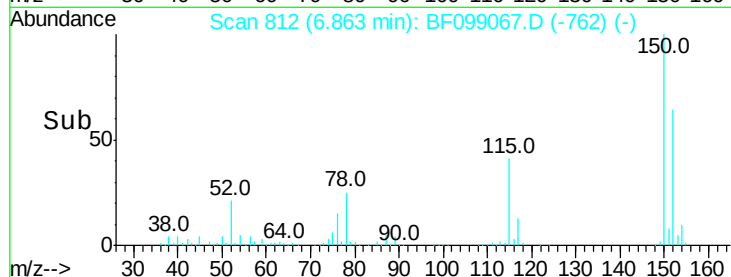
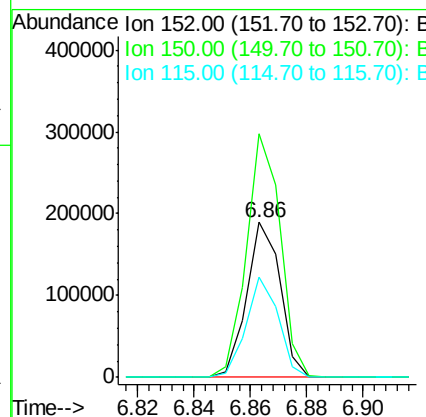
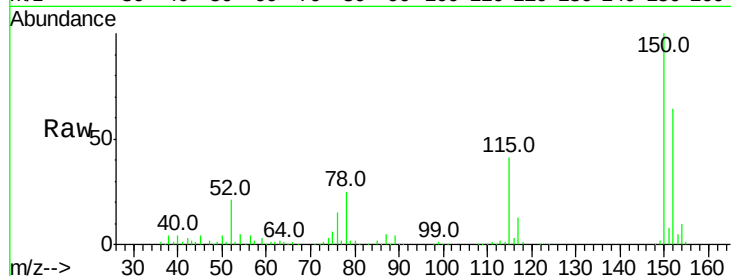
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF099067.D
Acq: 4 Oct 2017 15:24

Instrument :
BNA_F
ClientSampleId :
TP-1-COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.3	124.6	186.8
115	64.7	50.1	75.1

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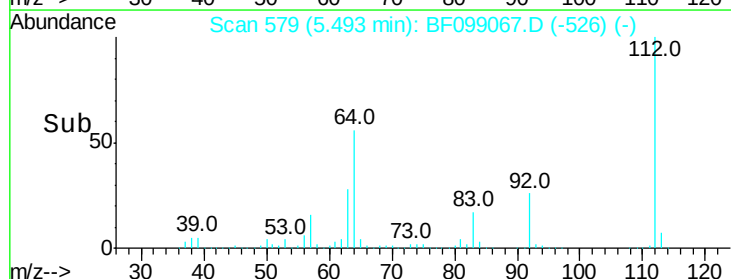
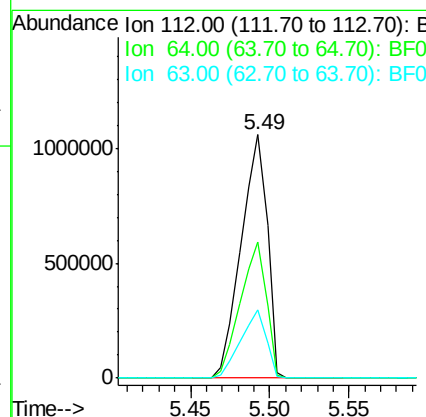
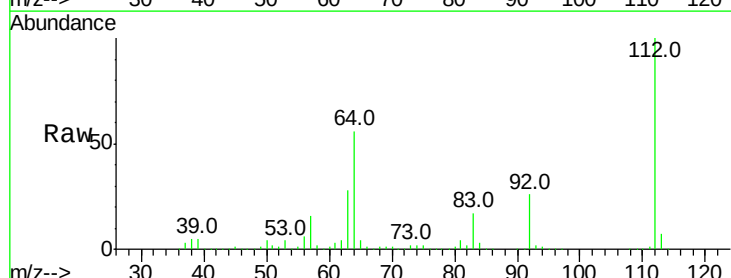
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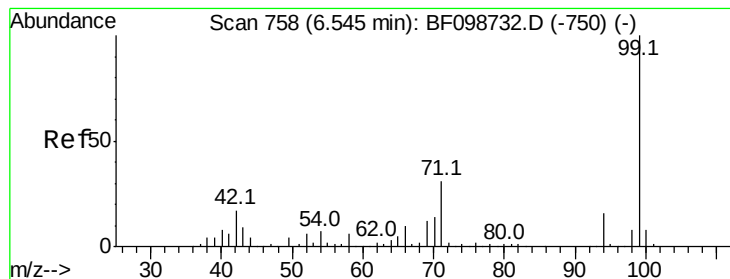


#5

2-Fluorophenol
Concen: 122.850 ng
RT: 5.49 min Scan# 579
Delta R.T. 0.01 min
Lab File: BF099067.D
Acq: 4 Oct 2017 15:24

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.7	47.9	71.9
63	27.9	23.7	35.5





#7

Phenol-d6

Concen: 120.173 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.01 min

Lab File: BF099067.D

Acq: 4 Oct 2017 15:24

Instrument :

BNA_F

ClientSampleId :

TP-1-COMP

Tot Ion: 99 Resp: 1455792

Ion Ratio Lower Upper

99 100

42 15.4 14.5 21.7

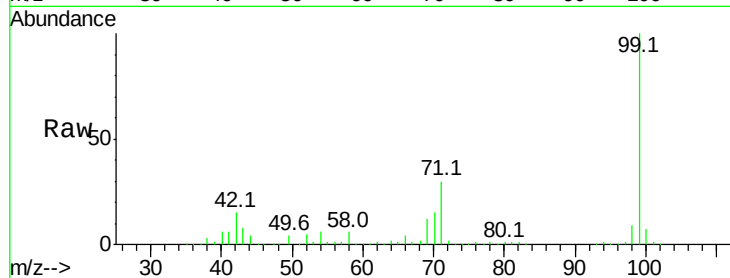
71 30.3 25.4 38.0

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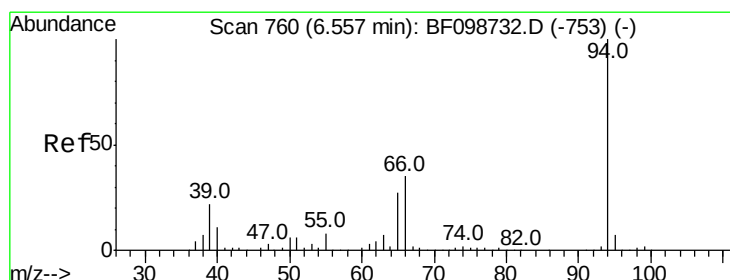
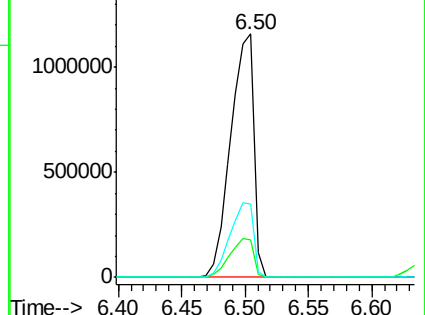
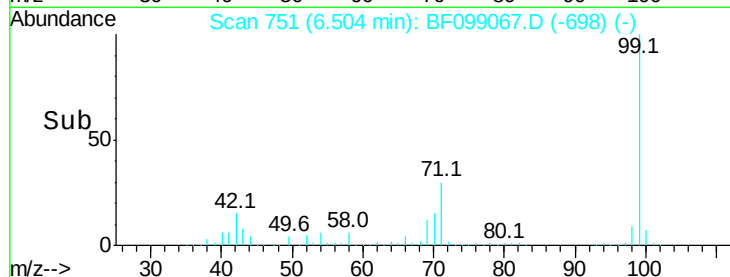
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#10

Phenol

Concen: 2.947 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.00 min

Lab File: BF099067.D

Acq: 4 Oct 2017 15:24

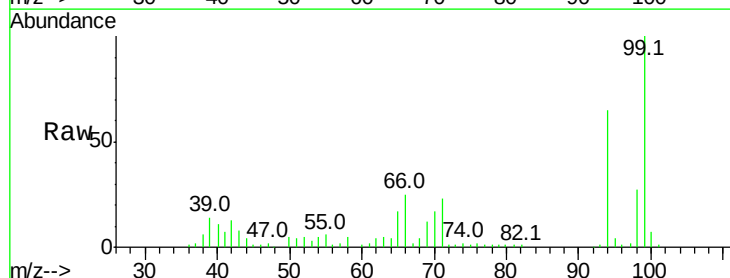
Tgt Ion: 94 Resp: 39922

Ion Ratio Lower Upper

94 100

65 25.9 7.9 47.9

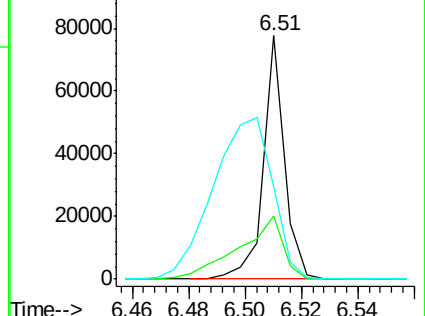
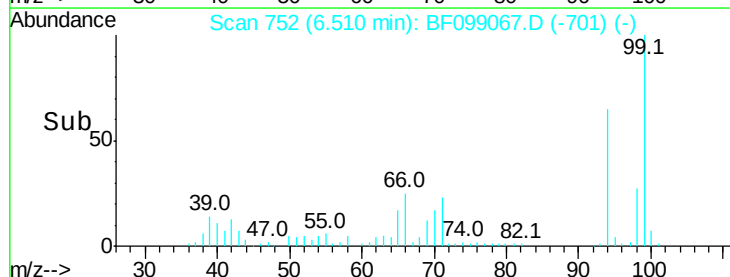
66 37.9 16.2 56.2

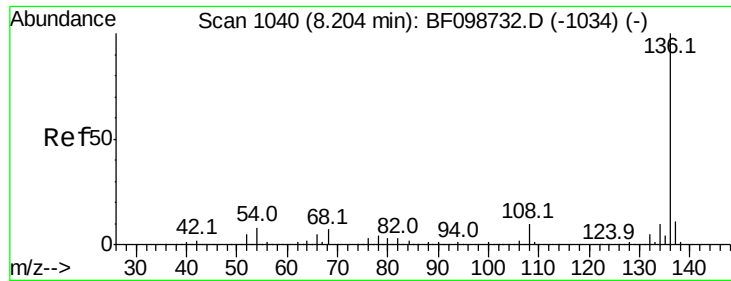


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





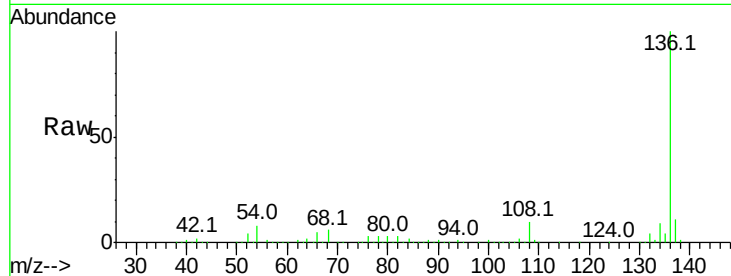
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF099067.D
Acq: 4 Oct 2017 15:24

Instrument :
BNA_F
ClientSampleId :
TP-1-COMP

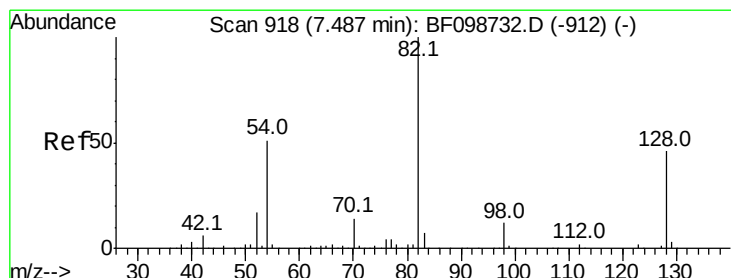
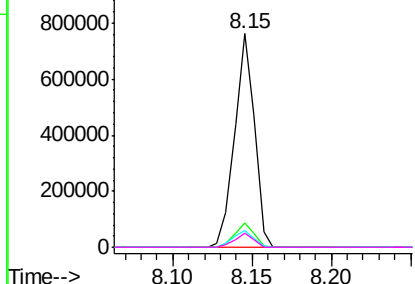
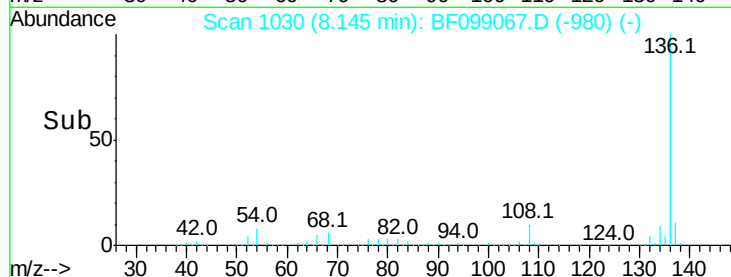
Tot Ion	Ratio	Resp	Lower	Upper
136	100	661064		
137	11.2	8.9	13.3	
54	7.8	6.6	9.8	
68	6.4	5.0	7.4	

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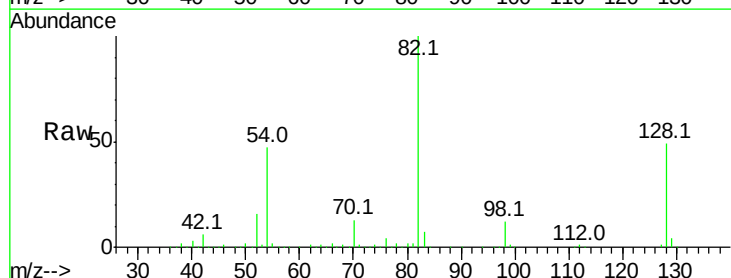


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

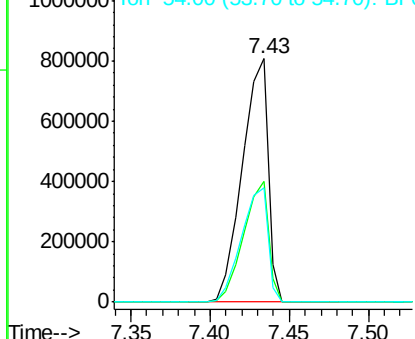
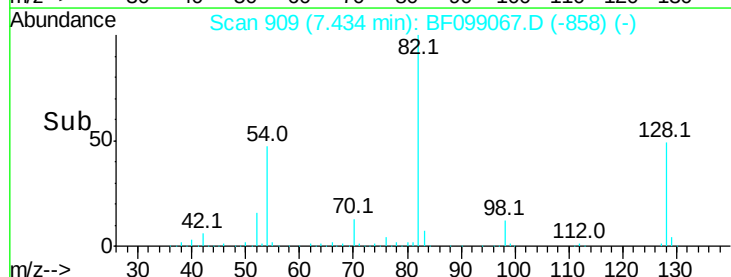


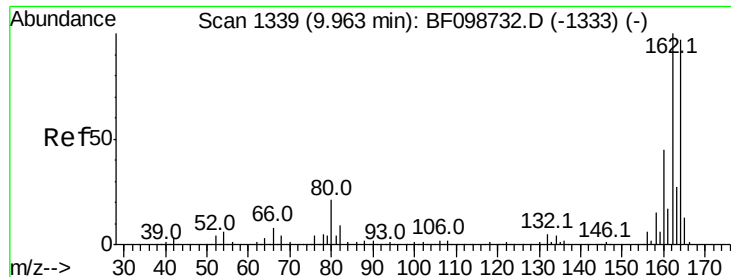
#23
Nitrobenzene-d5
Concen: 88.144 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.00 min
Lab File: BF099067.D
Acq: 4 Oct 2017 15:24

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	908603		
128	49.4	36.1	54.1	
54	46.9	41.4	62.2	



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0





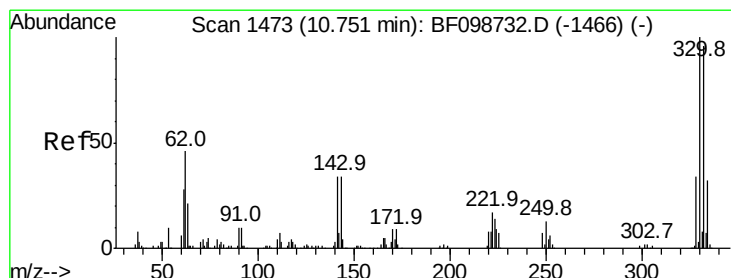
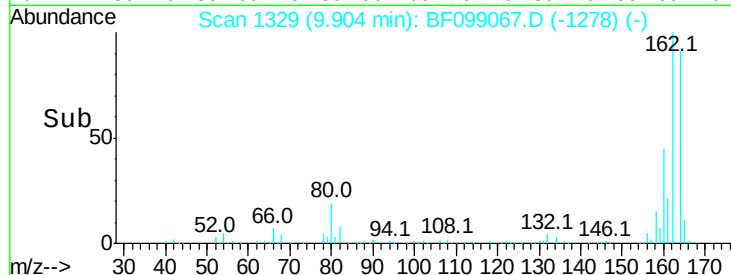
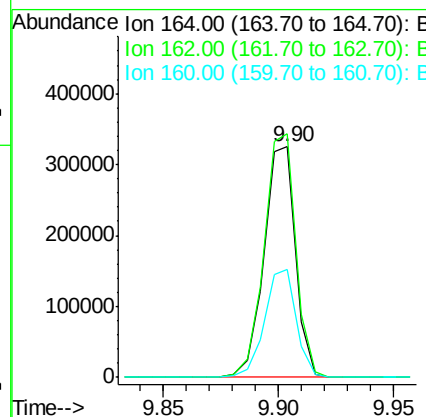
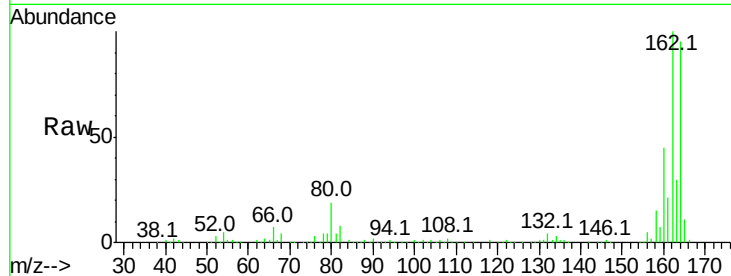
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.90 min Scan# 1329
 Delta R.T. -0.00 min
 Lab File: BF099067.D
 Acq: 4 Oct 2017 15:24

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-COMP

Tot Ion	Ratio	Lower	Upper
164	100		
162	105.7	86.1	129.1
160	47.1	38.3	57.5

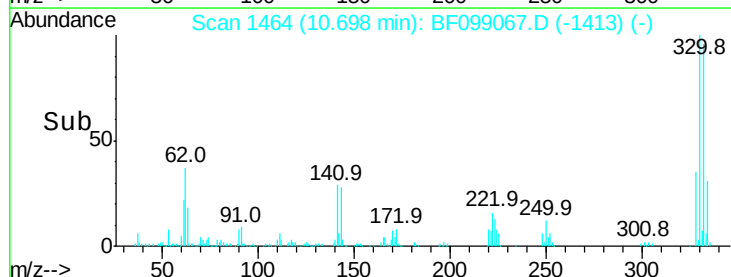
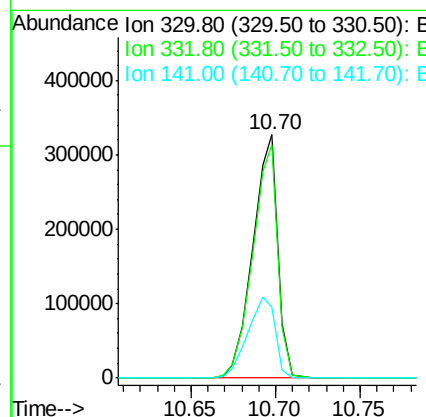
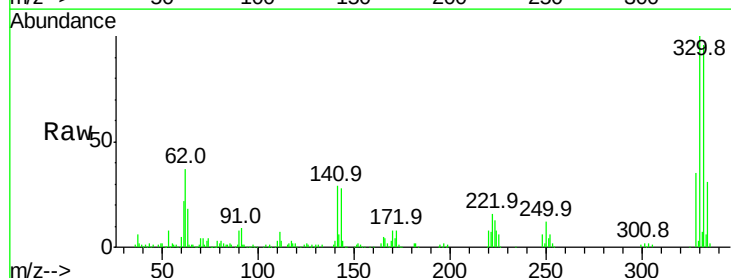
Manual Integrations
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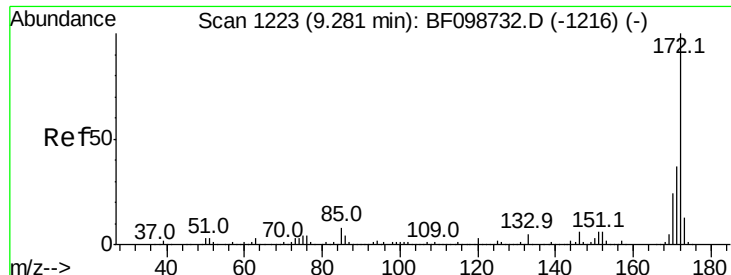
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#41
 2,4,6-Tribromophenol
 Concen: 133.534 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.00 min
 Lab File: BF099067.D
 Acq: 4 Oct 2017 15:24

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.0	115.6
141	37.4	29.9	44.9





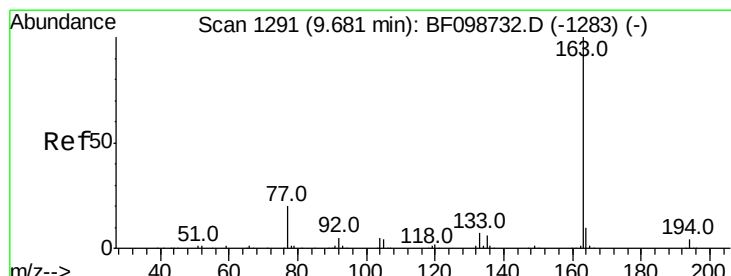
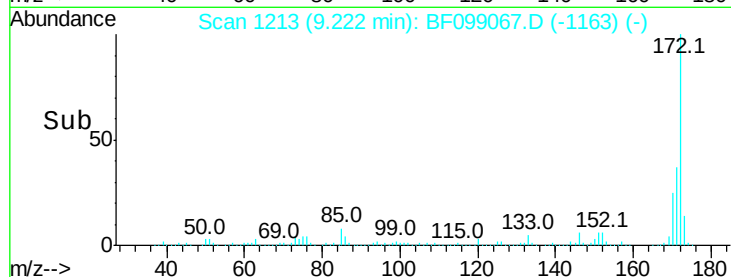
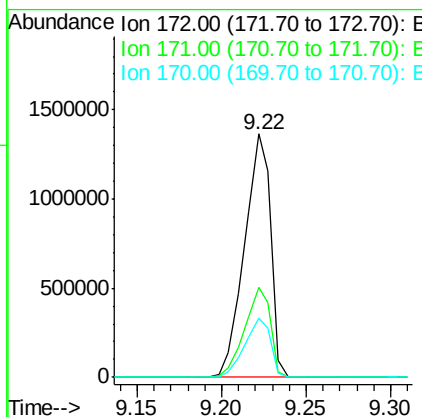
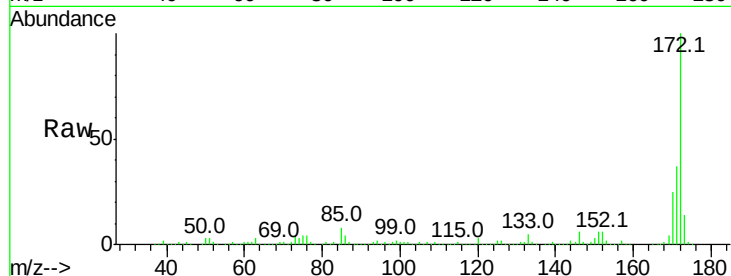
#44
2-Fluorobiphenyl
Concen: 79.690 ng
RT: 9.22 min Scan# 1213
Delta R.T. -0.01 min
Lab File: BF099067.D
Acq: 4 Oct 2017 15:24

Instrument :
BNA_F
ClientSampleId :
TP-1-COMP

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.7	44.5
170	24.5	19.6	29.4

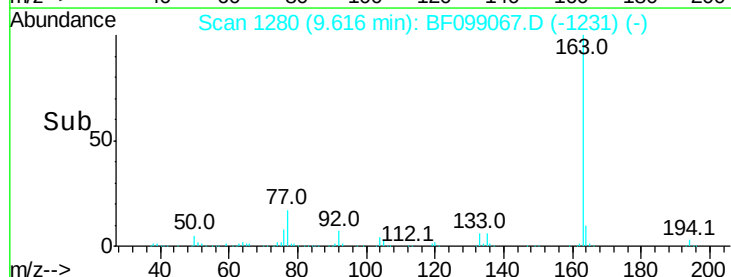
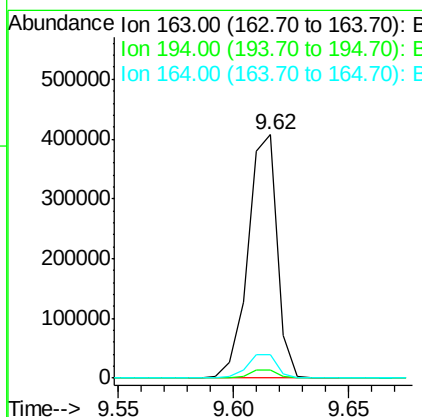
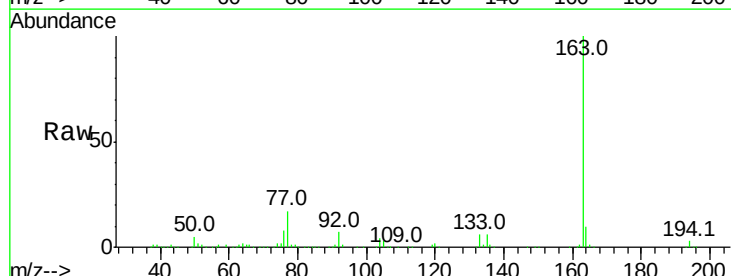
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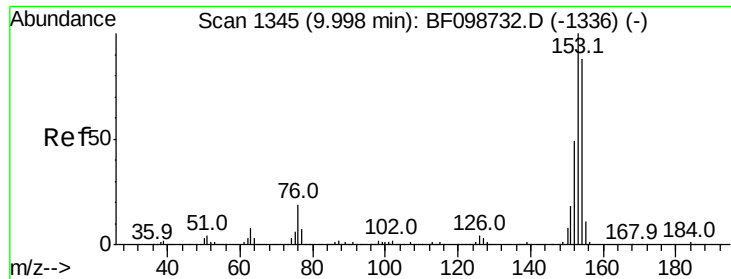
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#49
Dimethylphthalate
Concen: 15.407 ng
RT: 9.62 min Scan# 1280
Delta R.T. -0.01 min
Lab File: BF099067.D
Acq: 4 Oct 2017 15:24

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.7	4.1
164	9.7	8.2	12.2





#51

Acenaphthene

Concen: 2.166 ng

RT: 9.93 min Scan# 1334

Delta R.T. -0.01 min

Lab File: BF099067.D

Acq: 4 Oct 2017 15:24

Instrument :

BNA_F

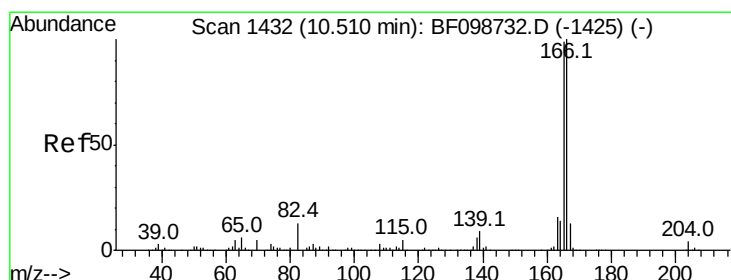
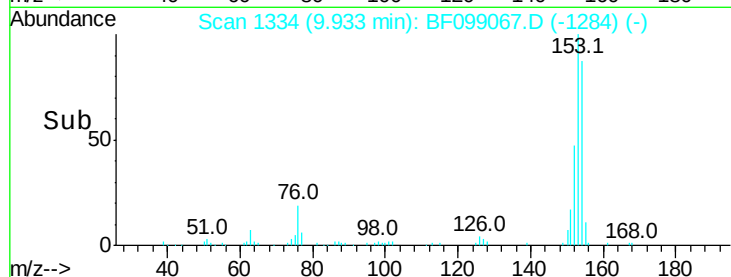
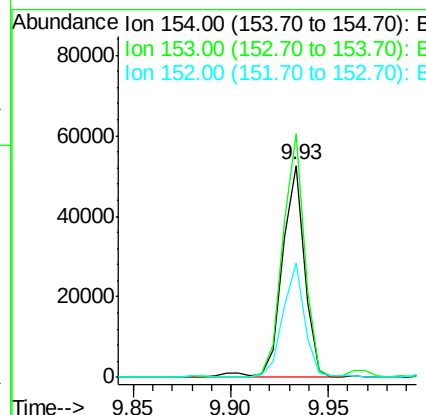
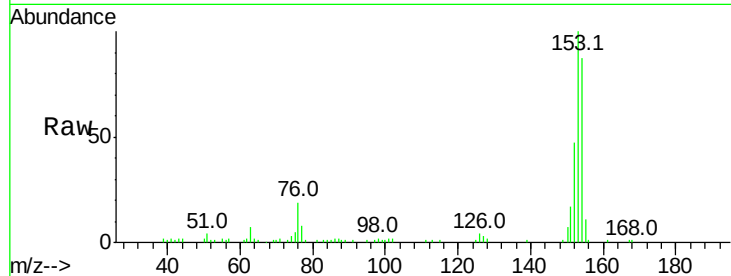
ClientSampleId :

TP-1-COMP

Tot Ion:	154	Resp:	41918
Ion	Ratio	Lower	Upper
154	100		
153	114.7	91.2	136.8
152	53.7	43.8	65.8

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#57

Fluorene

Concen: 2.499 ng

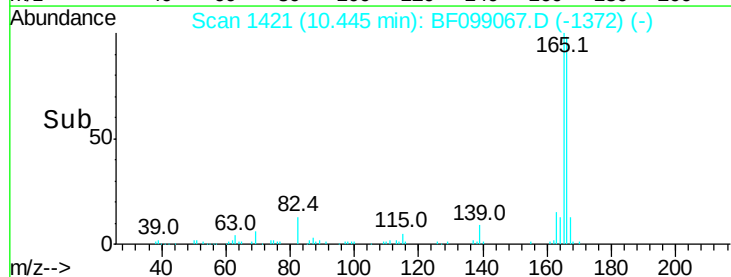
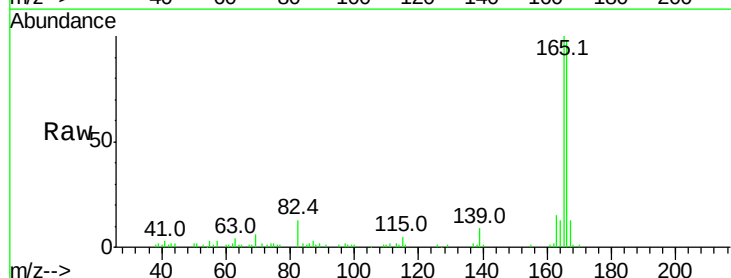
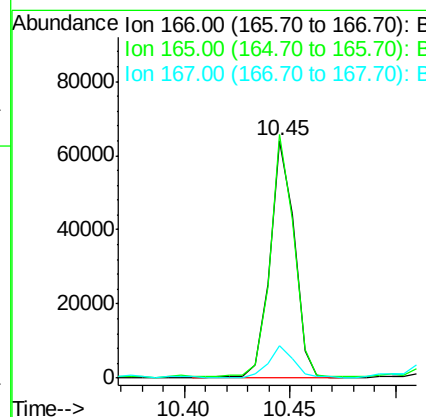
RT: 10.45 min Scan# 1421

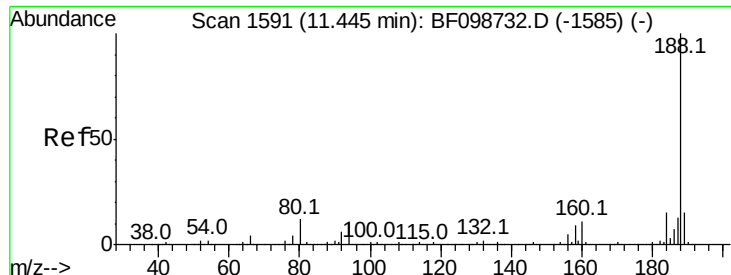
Delta R.T. -0.01 min

Lab File: BF099067.D

Acq: 4 Oct 2017 15:24

Tgt Ion:	166	Resp:	51753
Ion	Ratio	Lower	Upper
166	100		
165	102.5	79.8	119.8
167	13.6	10.6	16.0





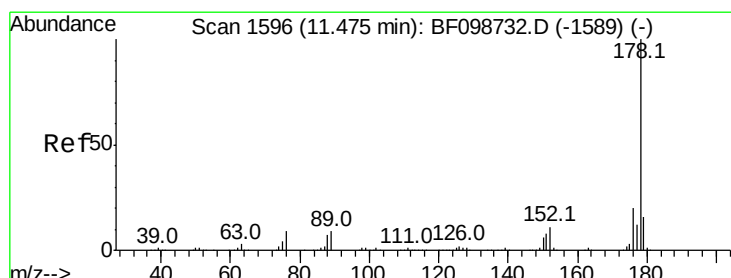
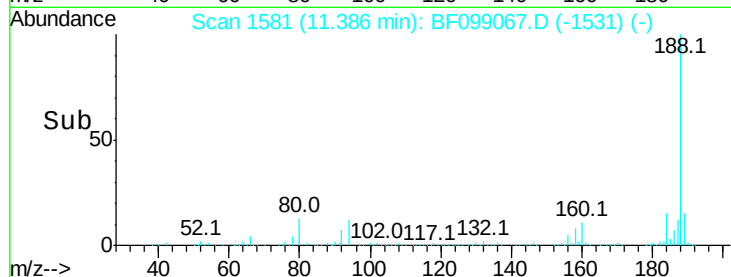
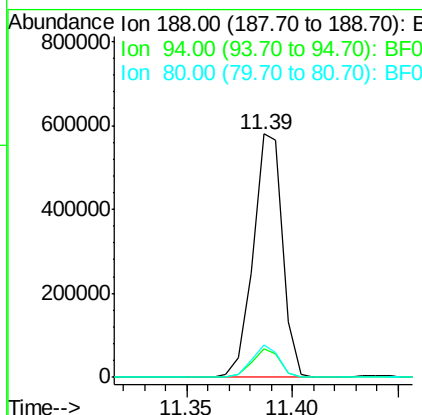
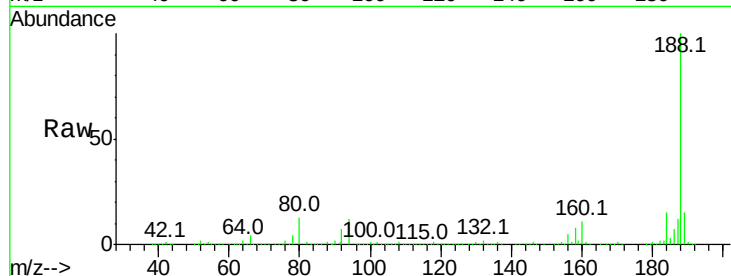
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF099067.D
Acq: 4 Oct 2017 15:24

Instrument :
BNA_F
ClientSampleId :
TP-1-COMP

Tot Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	11.8	8.5	12.7
80	13.1	9.2	13.8

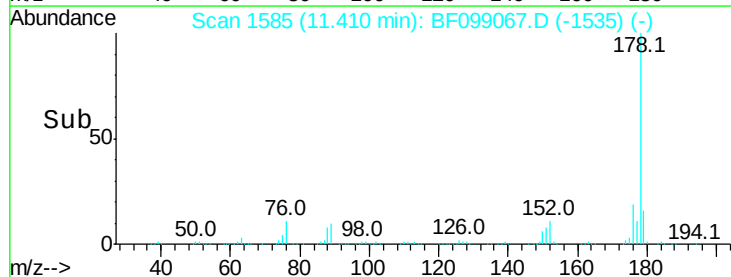
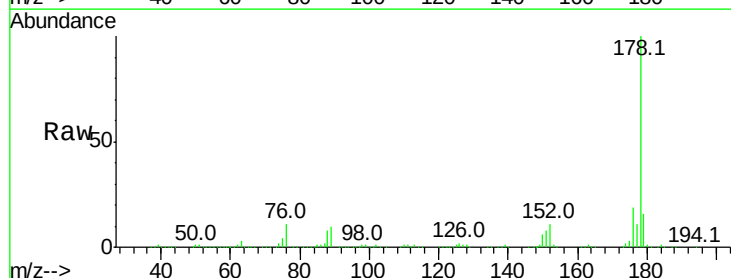
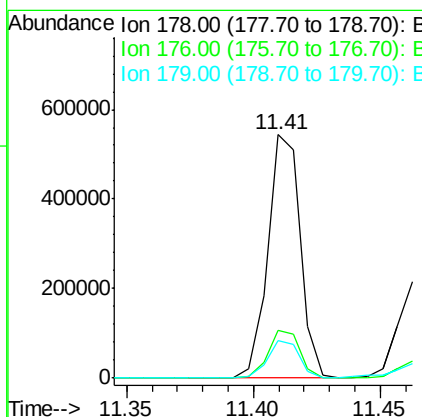
Manual Integrations
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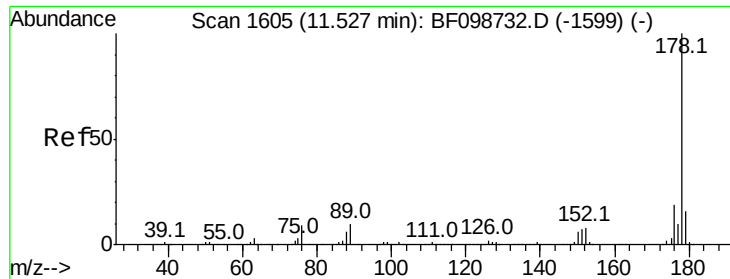
Sohil
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#70
Phenanthrene
Concen: 16.286 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BF099067.D
Acq: 4 Oct 2017 15:24

Tgt Ion	Ratio	Resp Lower	Resp Upper
178	100		
176	19.4	15.8	23.8
179	15.5	13.0	19.6





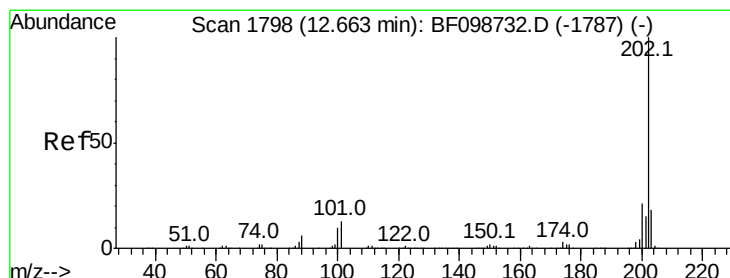
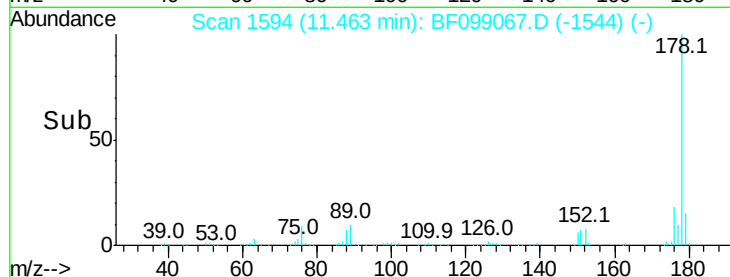
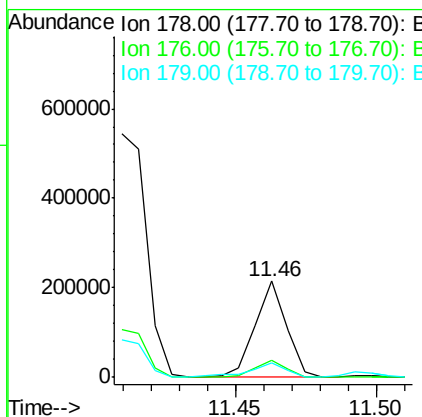
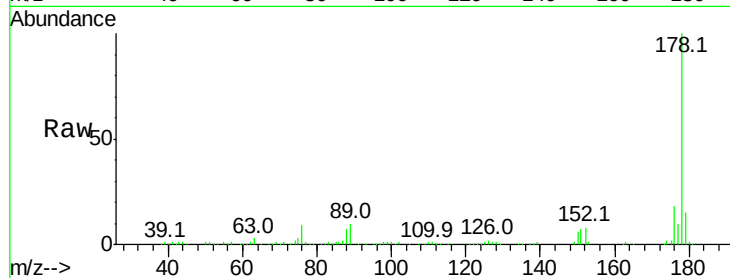
#71
 Anthracene
 Concen: 5.366 ng
 RT: 11.46 min Scan# 1594
 Delta R.T. -0.01 min
 Lab File: BF099067.D
 Acq: 4 Oct 2017 15:24

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-COMP

Tot Ion	Ratio	Lower	Upper
178	100		
176	17.6	15.4	23.2
179	14.7	12.6	19.0

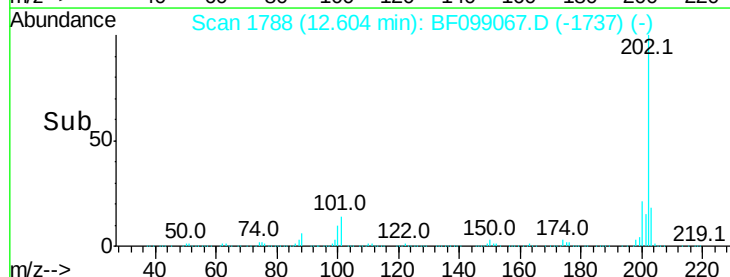
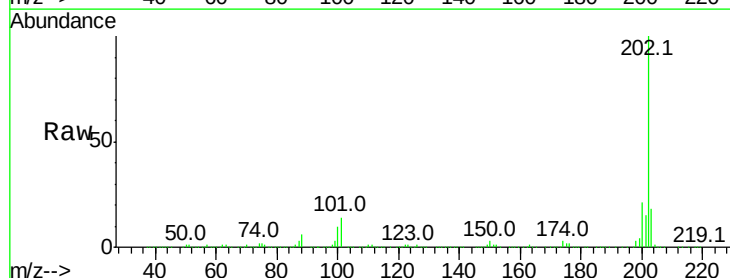
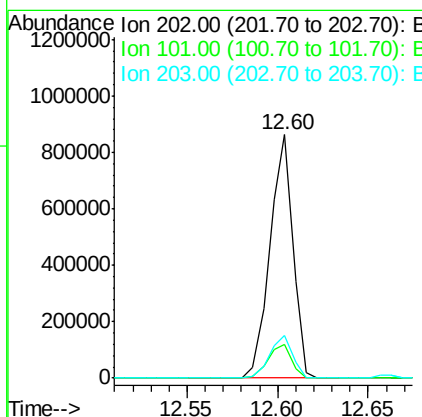
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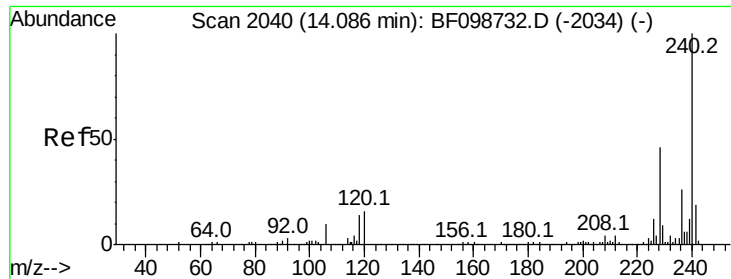
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#74
 Fluoranthene
 Concen: 24.901 ng
 RT: 12.60 min Scan# 1788
 Delta R.T. -0.00 min
 Lab File: BF099067.D
 Acq: 4 Oct 2017 15:24

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.6	0.0	34.1
203	17.5	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.03 min Scan# 2030

Delta R.T. -0.01 min

Lab File: BF099067.D

Acq: 4 Oct 2017 15:24

Instrument :

BNA_F

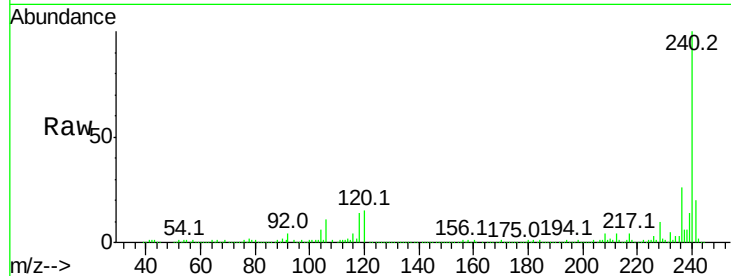
ClientSampleId :

TP-1-COMP

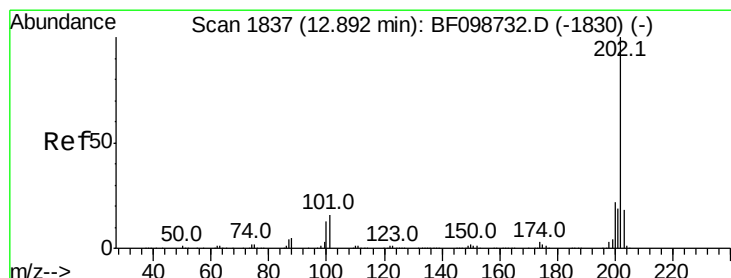
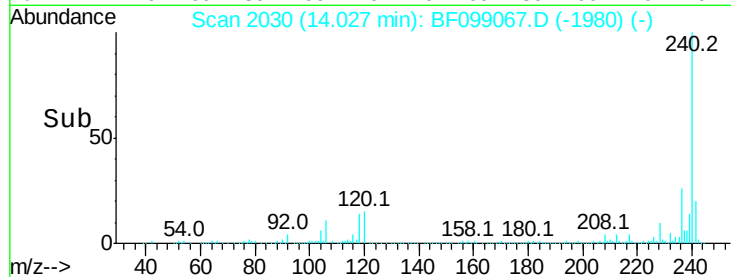
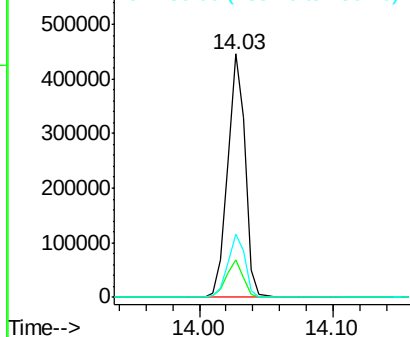
Tot Ion	Ratio	Lower	Upper
240	100		
120	15.2	9.5	14.3#
236	25.7	20.7	31.1

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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

Pyrene

Concen: 19.798 ng

RT: 12.83 min Scan# 1827

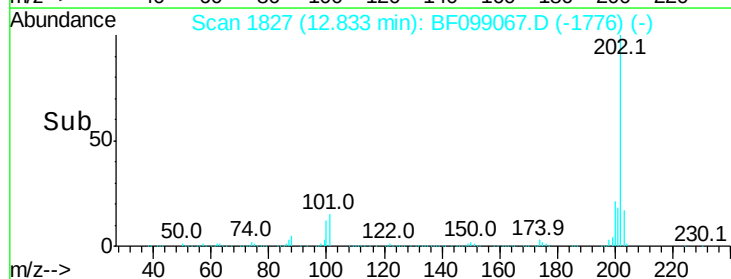
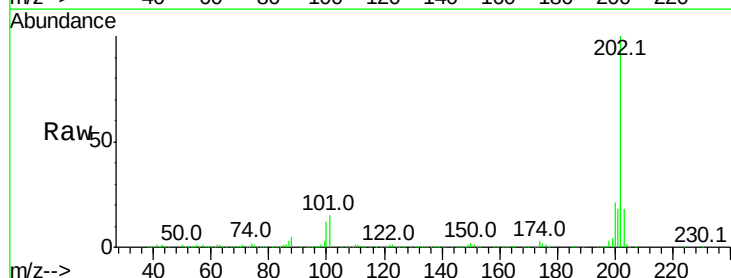
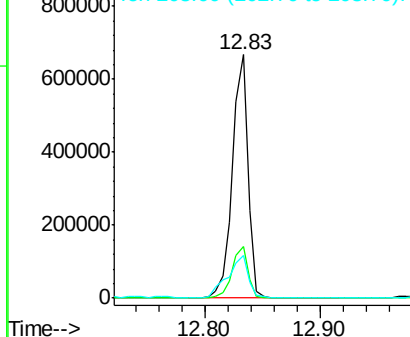
Delta R.T. -0.00 min

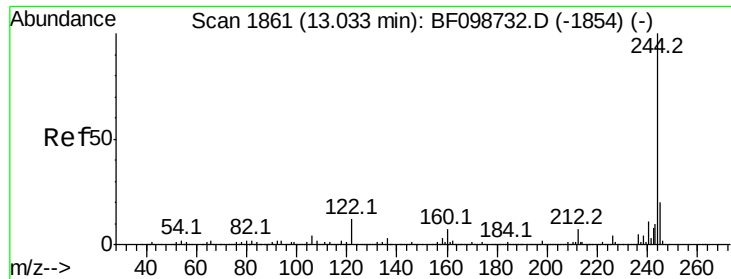
Lab File: BF099067.D

Acq: 4 Oct 2017 15:24

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.4	26.2
203	17.7	14.3	21.5

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





#78
 Terphenyl-d14
 Concen: 72.562 ng
 RT: 12.97 min Scan# 1851
 Delta R.T. -0.00 min
 Lab File: BF099067.D
 Acq: 4 Oct 2017 15:24

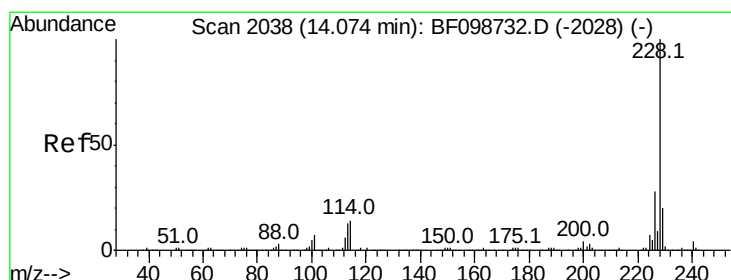
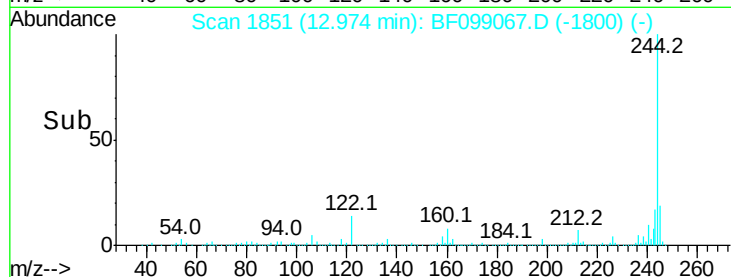
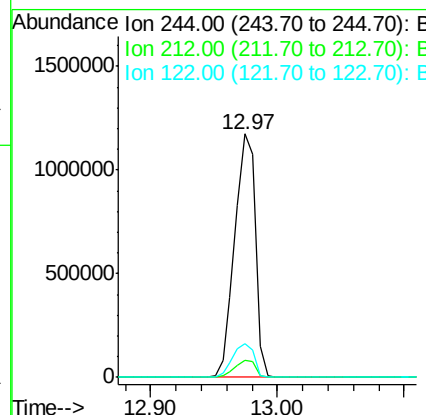
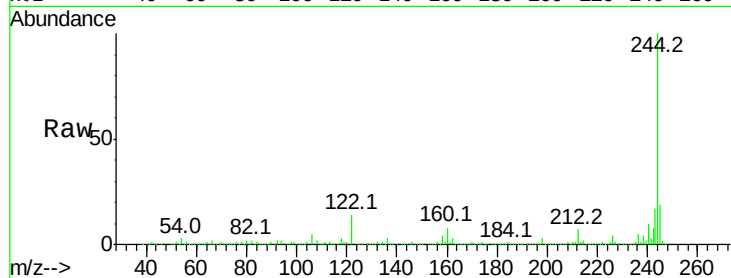
Instrument :
 BNA_F
 ClientSampleId :
 TP-1-COMP

Tot Ion:244 Resp: 1316178

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	14.0	11.0	16.4

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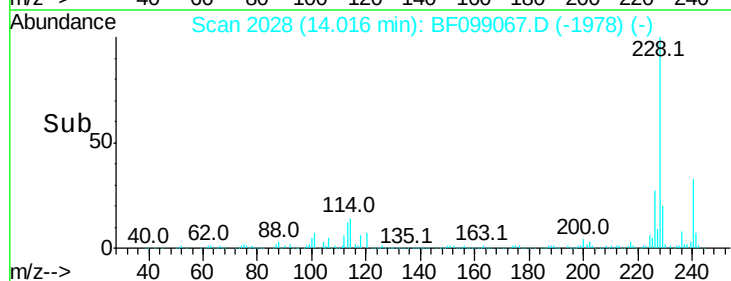
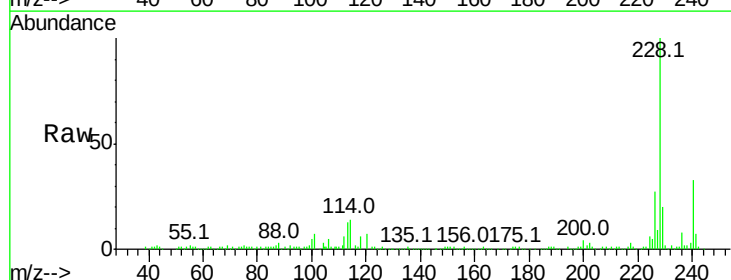
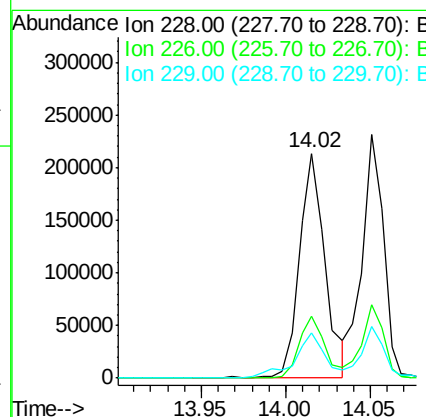
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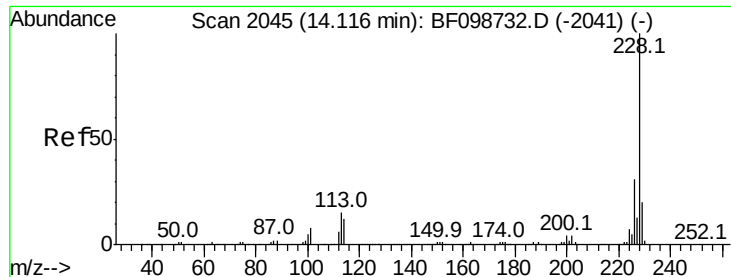


#80
 Benzo(a)anthracene
 Concen: 9.075 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. -0.01 min
 Lab File: BF099067.D
 Acq: 4 Oct 2017 15:24

Tgt Ion:228 Resp: 226683

Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.6	33.8
229	20.2	15.8	23.6





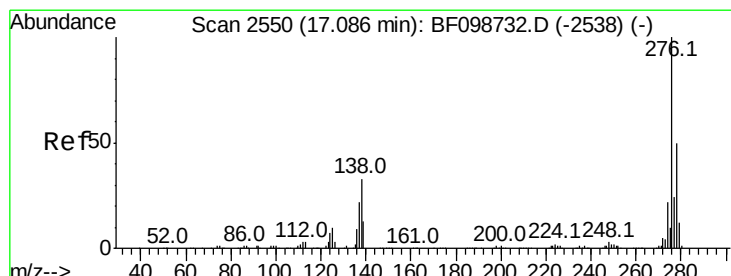
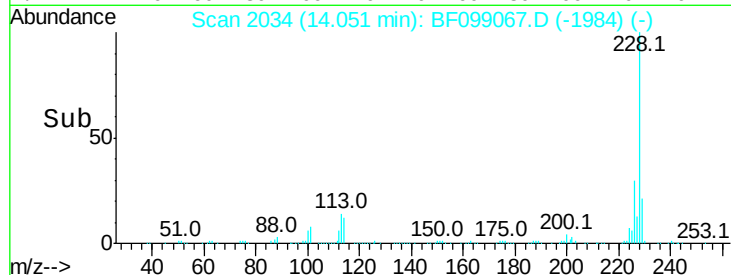
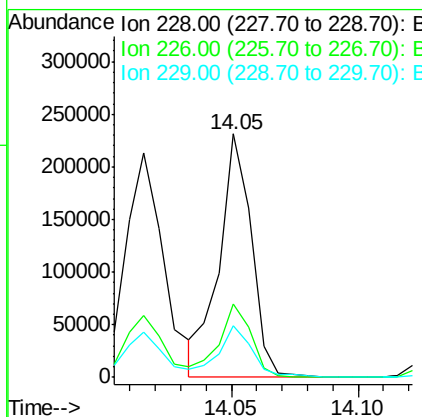
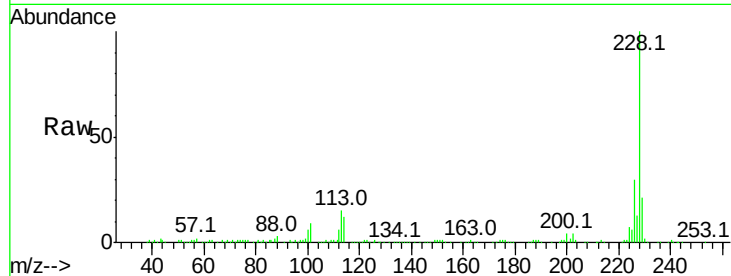
#82
Chrysene
Concen: 8.599 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BF099067.D
Acq: 4 Oct 2017 15:24

Instrument :
BNA_F
ClientSampleId :
TP-1-COMP

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.9	25.0	37.6
229	21.3	16.2	24.4

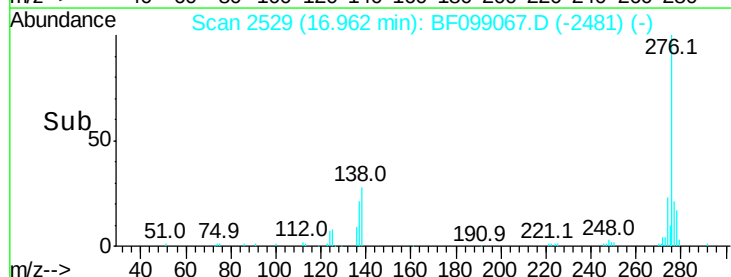
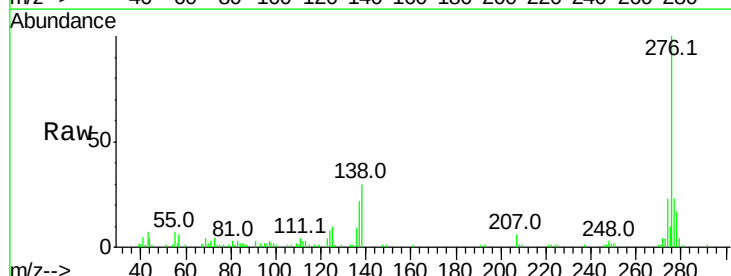
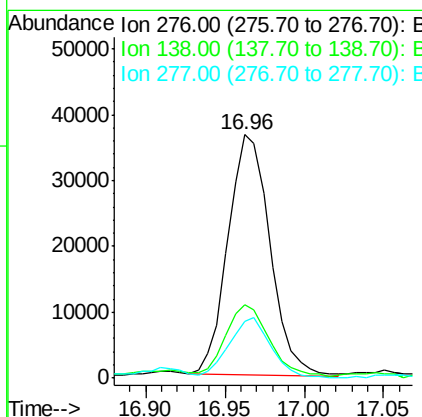
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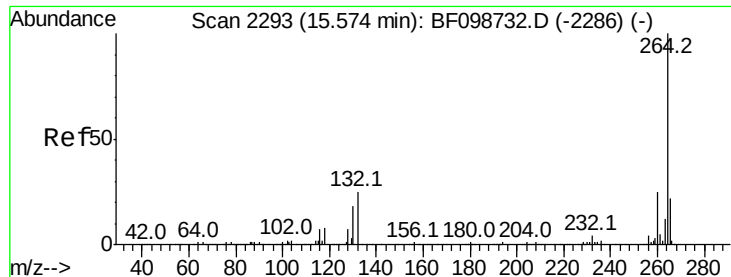
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#85
Indeno(1,2,3-cd)pyrene
Concen: 3.539 ng
RT: 16.96 min Scan# 2529
Delta R.T. -0.02 min
Lab File: BF099067.D
Acq: 4 Oct 2017 15:24

Tgt Ion	Ratio	Lower	Upper
276	100		
138	32.8	25.0	37.6
277	25.3	20.1	30.1





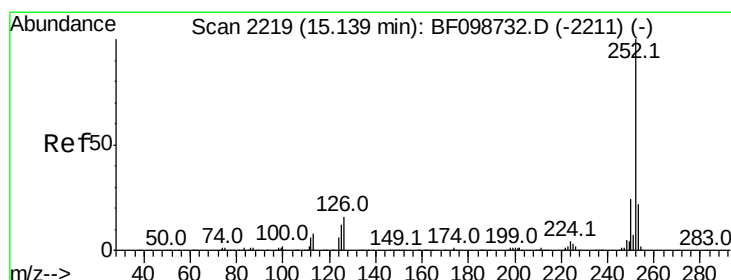
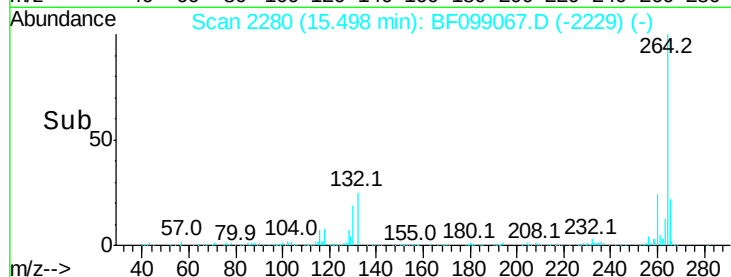
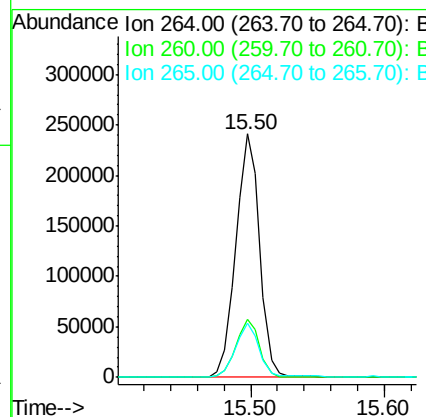
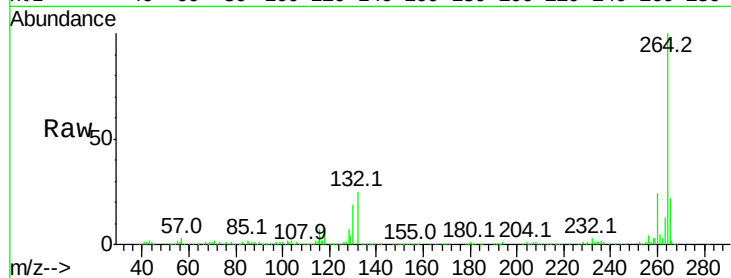
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2280
Delta R.T. -0.00 min
Lab File: BF099067.D
Acq: 4 Oct 2017 15:24

Instrument :
BNA_F
ClientSampleId :
TP-1-COMP

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	22.4	17.5	26.3

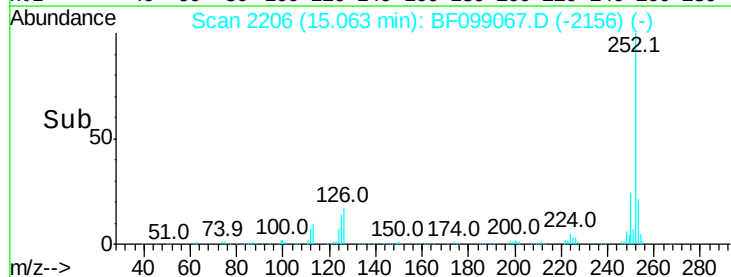
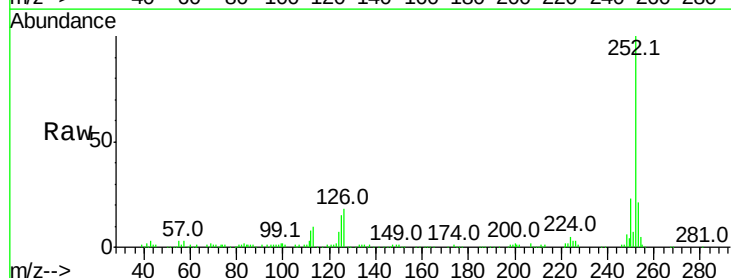
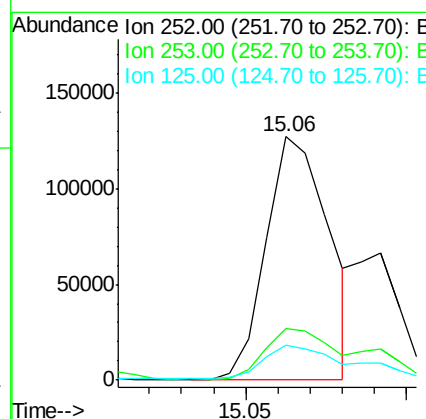
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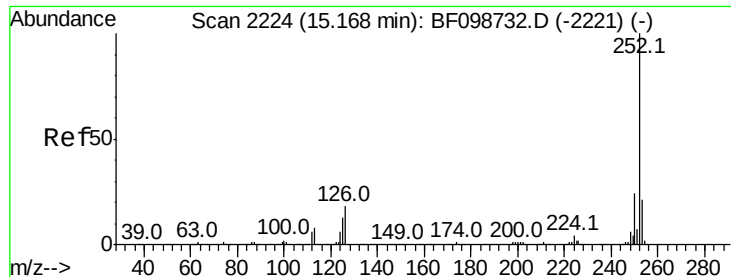
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#87
Benzo(b)fluoranthene
Concen: 9.346 ng m
RT: 15.06 min Scan# 2206
Delta R.T. -0.01 min
Lab File: BF099067.D
Acq: 4 Oct 2017 15:24

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.0	25.6
125	14.6	9.0	13.6#





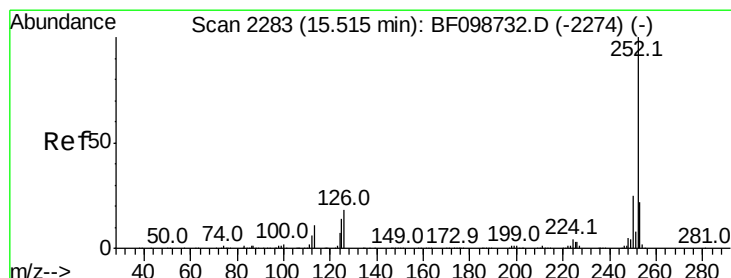
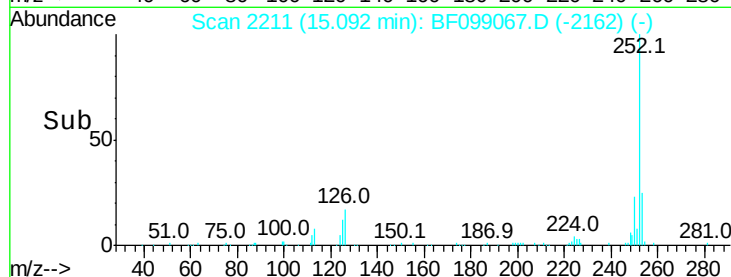
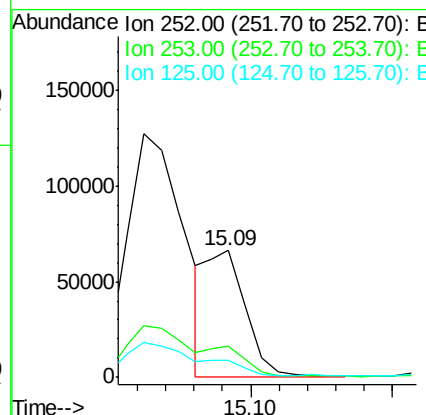
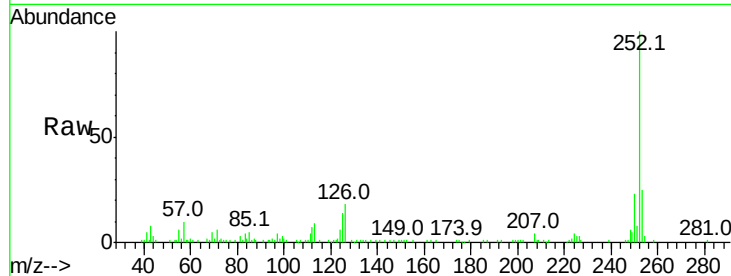
#88
Benzo(k)fluoranthene
Concen: 3.538 ng m
RT: 15.09 min Scan# 2211
Delta R.T. -0.01 min
Lab File: BF099067.D
Acq: 4 Oct 2017 15:24

Instrument :
BNA_F
ClientSampleId :
TP-1-COMP

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.8	17.9	26.9
125	13.8	10.2	15.2

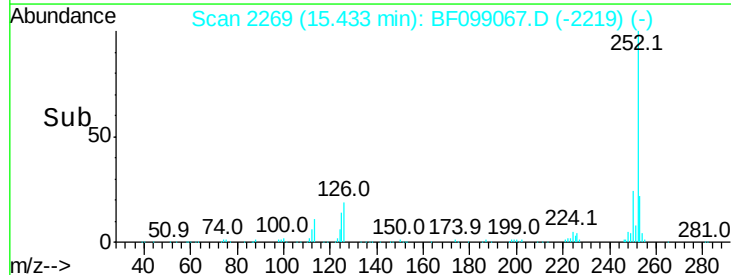
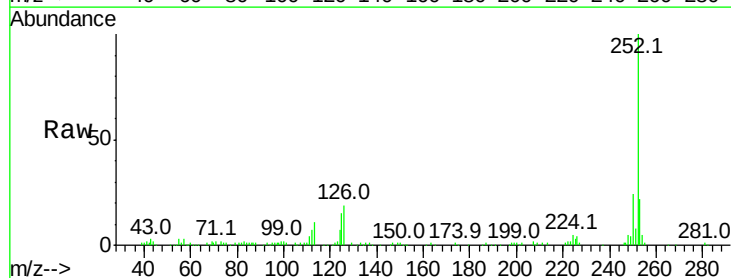
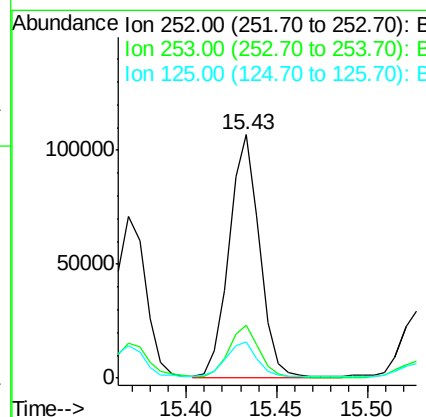
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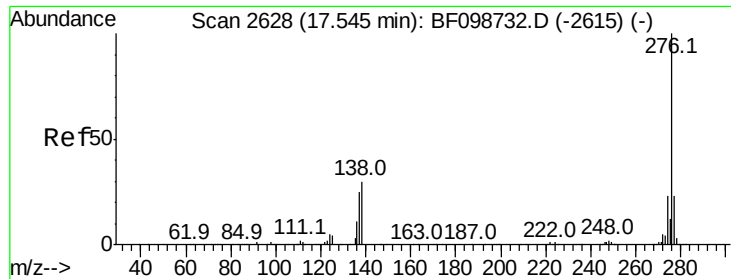
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#89
Benzo(a)pyrene
Concen: 7.363 ng
RT: 15.43 min Scan# 2269
Delta R.T. -0.01 min
Lab File: BF099067.D
Acq: 4 Oct 2017 15:24

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.1	25.7
125	14.7	9.8	14.6#





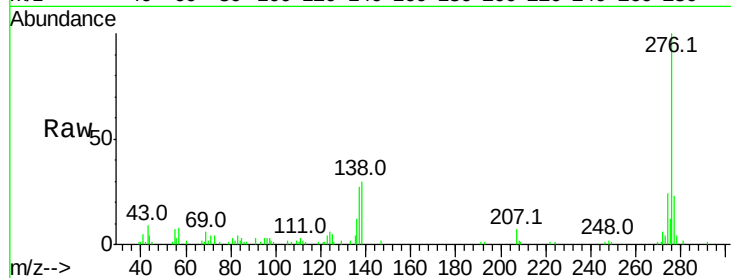
#91
 Benzo(a,h,i)perylene
 Concen: 5.203 ng
 RT: 17.42 min Scan# 2606
 Delta R.T. -0.02 min
 Lab File: BF099067.D
 Acq: 4 Oct 2017 15:24

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-COMP

Tot Ion:	276	Resp:	69937
Ion Ratio	Lower	Upper	
276	100		
277	22.8	17.9	26.9
138	29.7	21.8	32.8

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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

