

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092317\
 Data File : BF098759.D
 Acq On : 24 Sep 2017 00:46
 Operator : SJ/JU
 Sample : I5360-07 5X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-1-D-COMP

Manual Integrations
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Sohil
 9/25/2017 6:26:42 PM

Quant Time: Sep 25 08:03:12 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 23 13:50:58 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	136677	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	487631	20.00	ng	0.00
38) Acenaphthene-d10	9.96	164	173613	20.00	ng	0.00
63) Phenanthrene-d10	11.45	188	283283	20.00	ng	0.00
75) Chrysene-d12	14.09	240	278794	20.00	ng	0.00
86) Perylene-d12	15.58	264	219537	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	146135	17.02	ng	-0.01
7) Phenol-d6	6.53	99	166059	15.68	ng	-0.01
23) Nitrobenzene-d5	7.47	82	94408	12.42	ng	-0.01
41) 2,4,6-Tribromophenol	10.75	330	20062	14.12	ng	0.00
44) 2-Fluorobiphenyl	9.27	172	164524	15.82	ng	0.00
78) Terphenyl-d14	13.03	244	132188	10.78	ng	0.00
Target Compounds						
31) Naphthalene	8.22	128	75285	3.287	ng	97
70) Phenanthrene	11.47	178	100738	6.644	ng	99
71) Anthracene	11.52	178	34564	2.228	ng	98
74) Fluoranthene	12.66	202	179185	11.670	ng	100
77) Pyrene	12.89	202	183349	8.624	ng	98
80) Benzo(a)anthracene	14.07	228	89687	5.313	ng	# 94
82) Chrysene	14.11	228	105883m	6.588	ng	
85) Indeno(1,2,3-cd)pyrene	17.09	276	31182	2.425	ng	98
87) Benzo(b)fluoranthene	15.14	252	103831m	7.692	ng	
88) Benzo(k)fluoranthene	15.16	252	28563m	2.142	ng	
89) Benzo(a)pyrene	15.51	252	60565	4.888	ng	# 91
91) Benzo(a,h,i)perylene	17.54	276	32026	3.267	ng	# 92

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

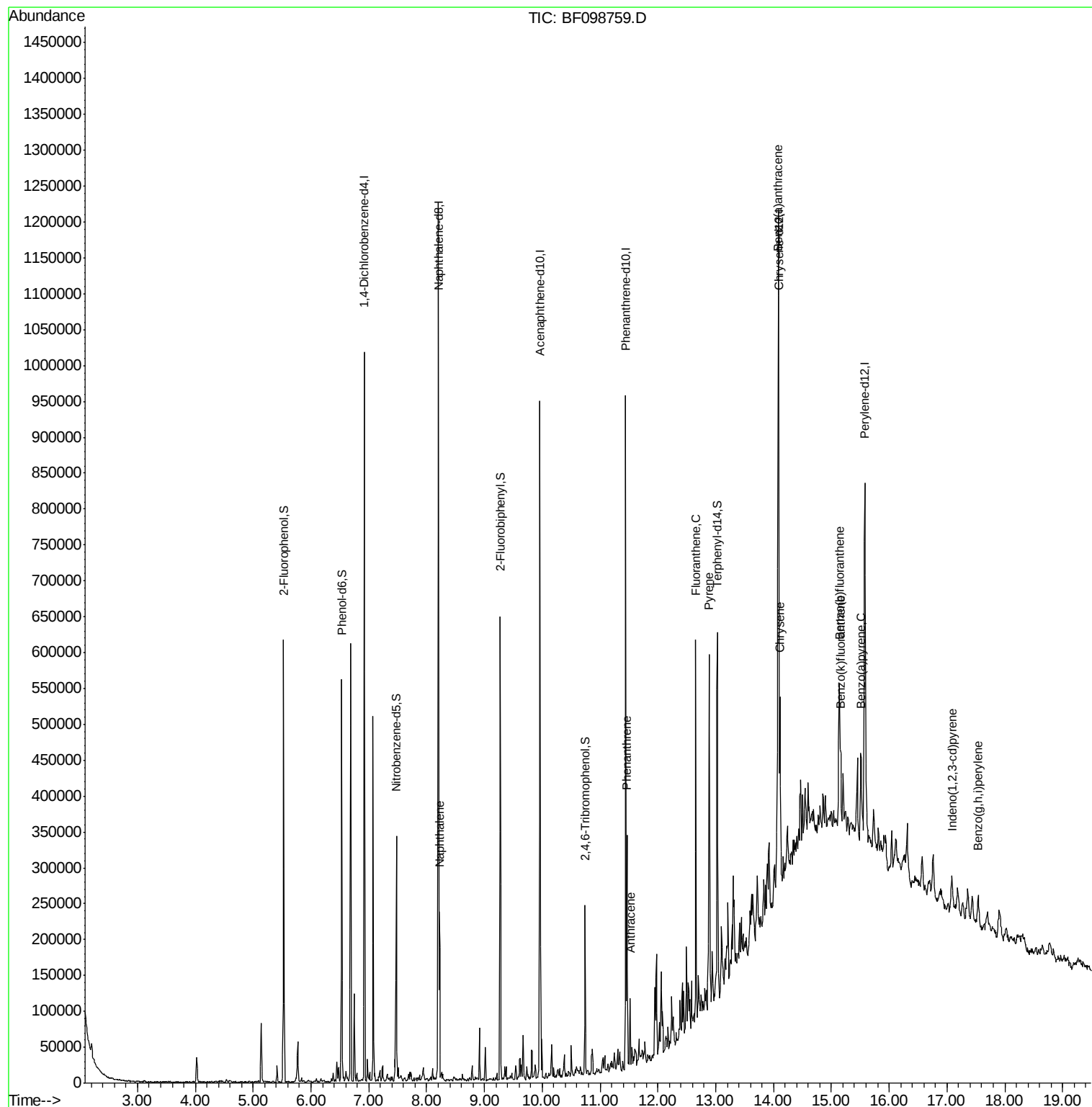
Data Path : Z:\HPCHEM1\BNA F\DATA\BF092317\
Data File : BF098759.D
Acq On : 24 Sep 2017 00:46
Operator : SJ/JU
Sample : I5360-07 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

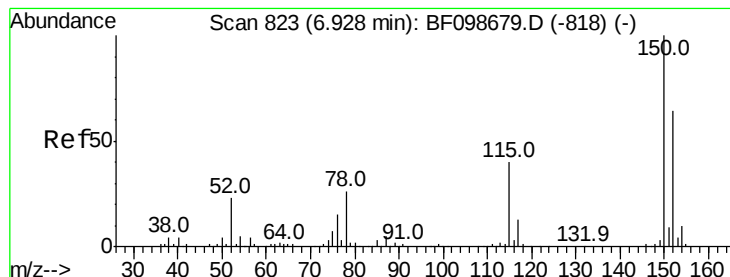
Instrument :
BNA_F
ClientSampleId :
SP-1-D-COMP

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Quant Time: Sep 25 08:03:12 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

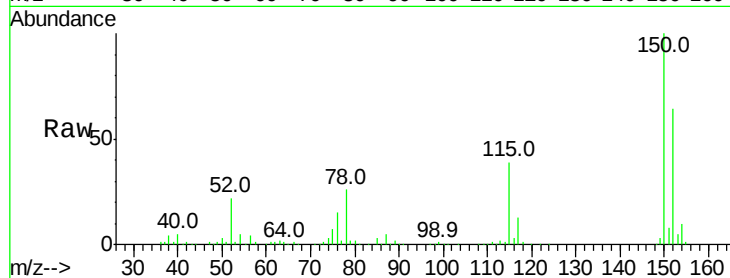
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 822
Delta R.T. -0.00 min
Lab File: BF098759.D
Acq: 24 Sep 2017 00:46

Instrument :
BNA_F
ClientSampleId :
SP-1-D-COMP

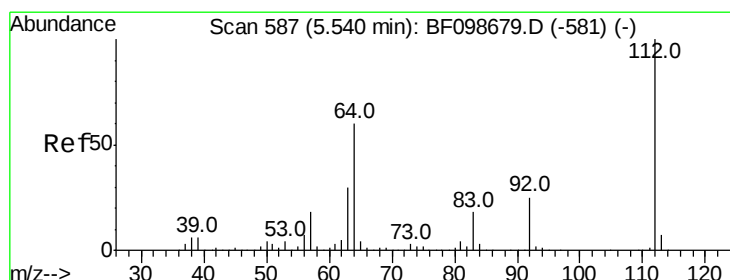
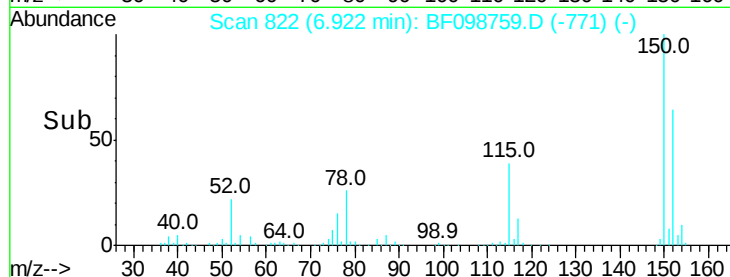
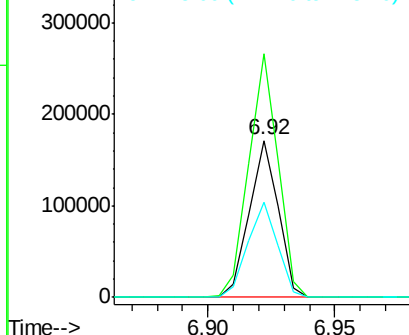
Tot Ion	Ratio	Lower	Upper
152	100		
150	155.5	124.6	186.8
115	60.8	50.1	75.1

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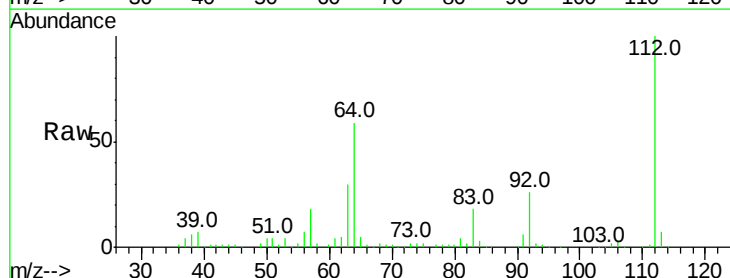
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



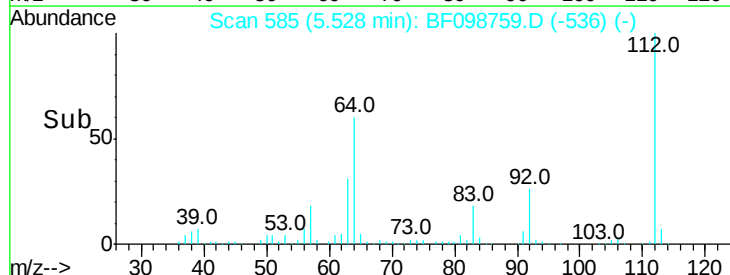
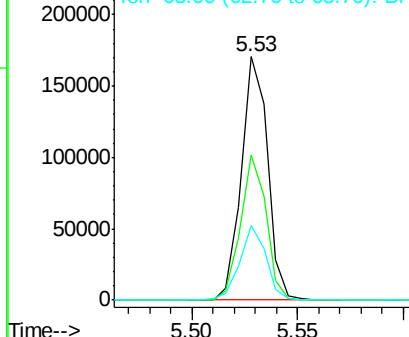
#5

2-Fluorophenol
Concen: 17.021 ng
RT: 5.53 min Scan# 585
Delta R.T. -0.01 min
Lab File: BF098759.D
Acq: 24 Sep 2017 00:46

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.4	47.9	71.9
63	30.5	23.7	35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 15.678 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF098759.D

Acq: 24 Sep 2017 00:46

Instrument :

BNA_F

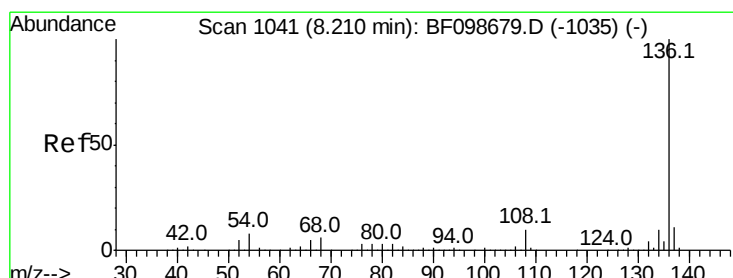
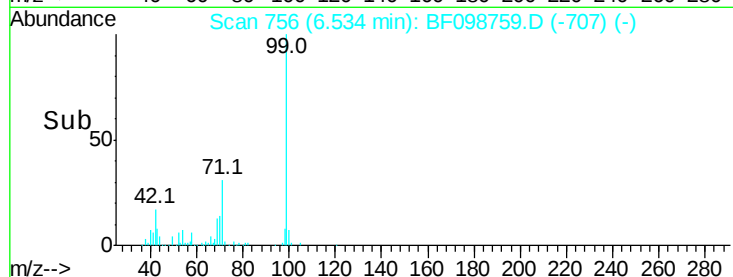
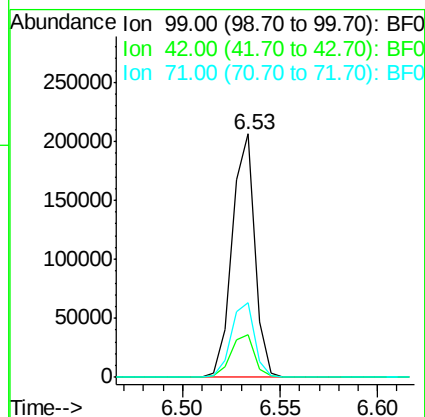
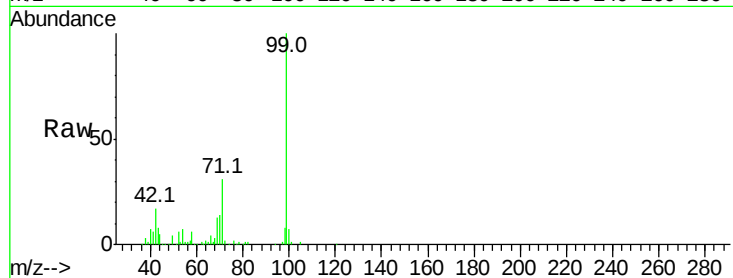
ClientSampled :

SP-1-D-COMP

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		166059		
42	17.3	14.5	21.7		
71	30.6	25.4	38.0		

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#21

Naphthalene-d8

Concen: 20.000 ng

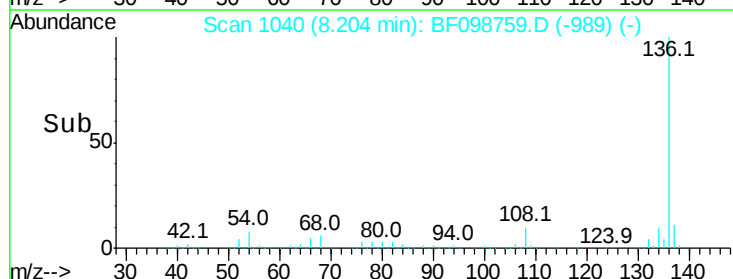
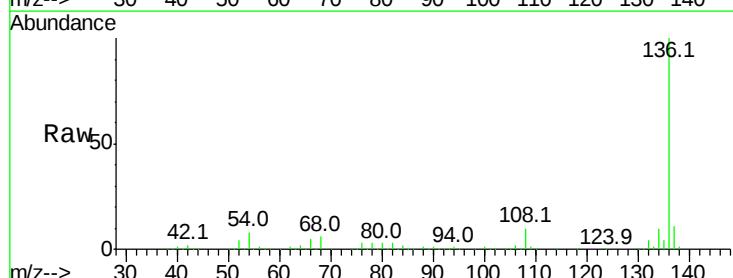
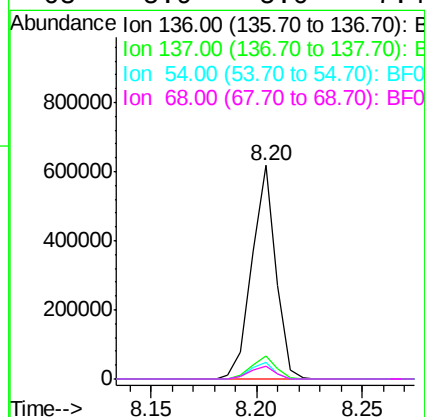
RT: 8.20 min Scan# 1040

Delta R.T. -0.00 min

Lab File: BF098759.D

Acq: 24 Sep 2017 00:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		487631		
137	11.1	8.9	13.3		
54	7.7	6.6	9.8		
68	5.9	5.0	7.4		





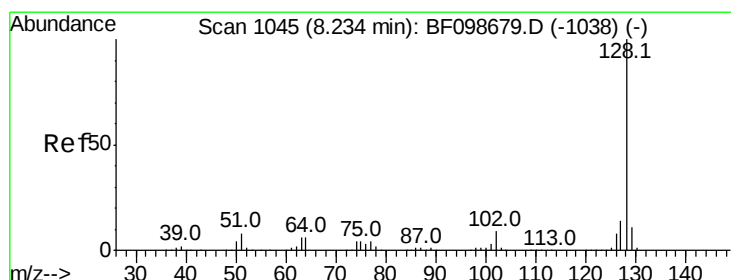
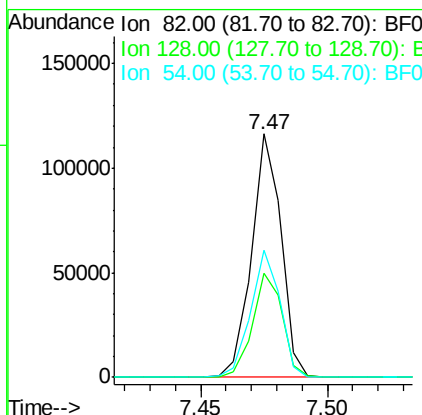
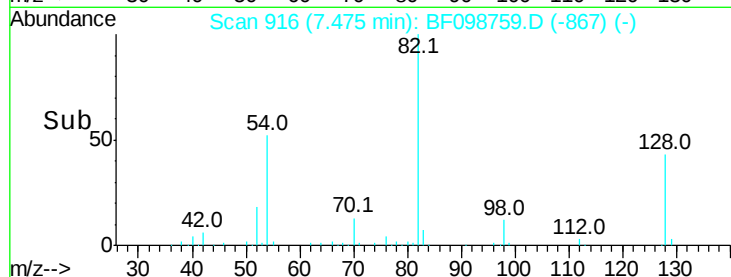
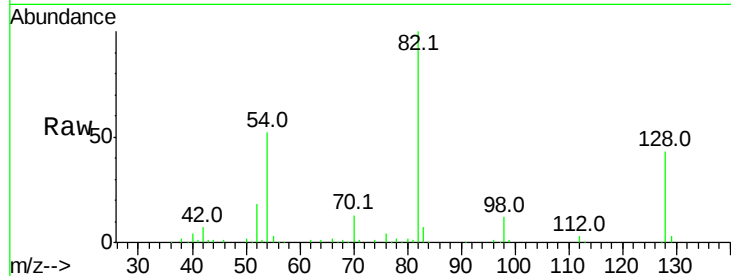
#23
Nitrobenzene-d5
Concen: 12.416 ng
RT: 7.47 min Scan# 916
Delta R.T. -0.01 min
Lab File: BF098759.D
Acq: 24 Sep 2017 00:46

Instrument :
BNA_F
ClientSampleId :
SP-1-D-COMP

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.6	36.1	54.1
54	52.0	41.4	62.2

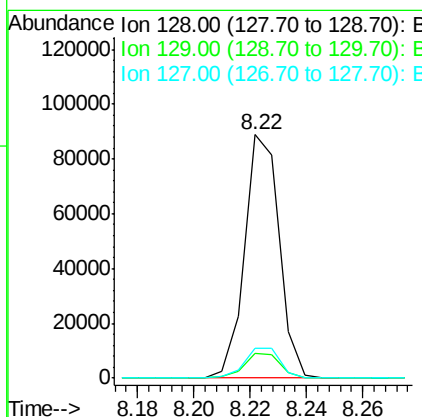
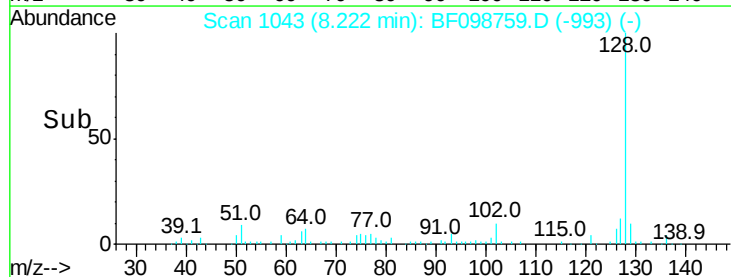
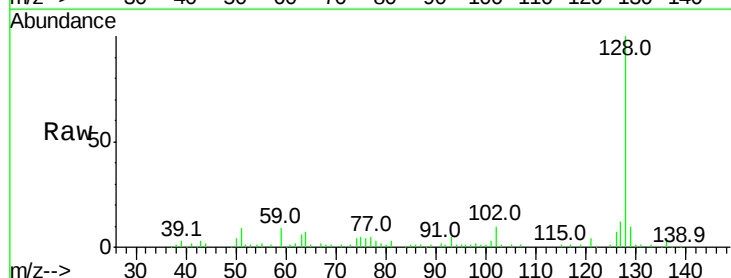
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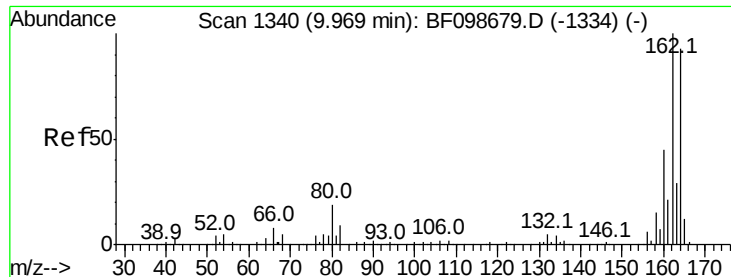
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#31
Naphthalene
Concen: 3.287 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF098759.D
Acq: 24 Sep 2017 00:46

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.4	8.8	13.2
127	12.1	10.9	16.3





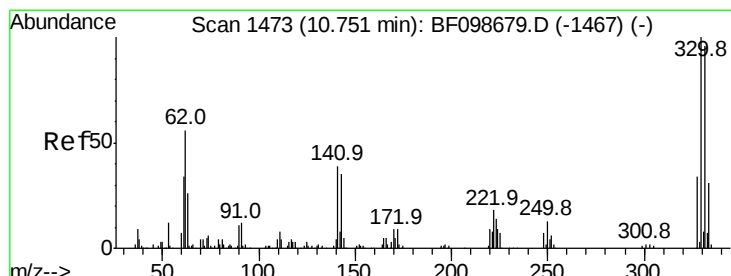
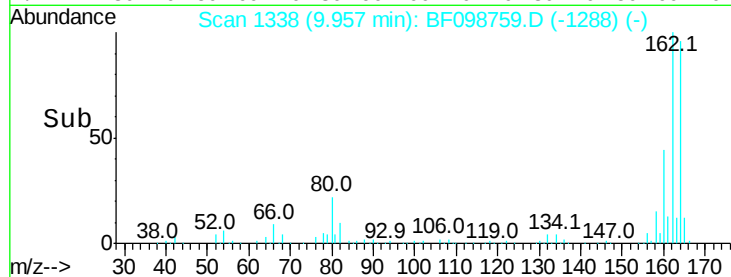
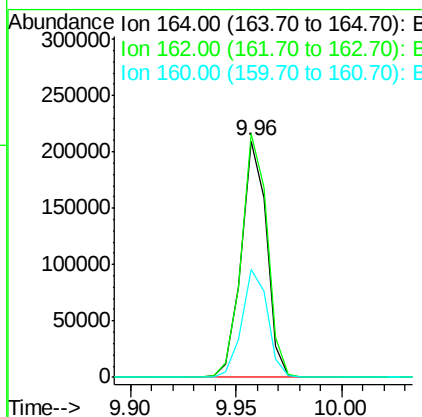
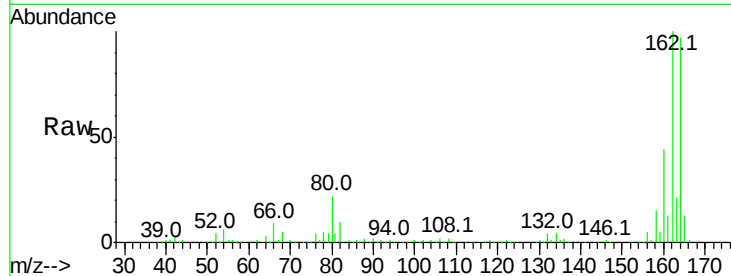
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BF098759.D
Acq: 24 Sep 2017 00:46

Instrument :
BNA_F
ClientSampleId :
SP-1-D-COMP

Tot Ion	Ratio	Resp	Lower	Upper
164	100	173613		
162	103.1	86.1	129.1	
160	45.9	38.3	57.5	

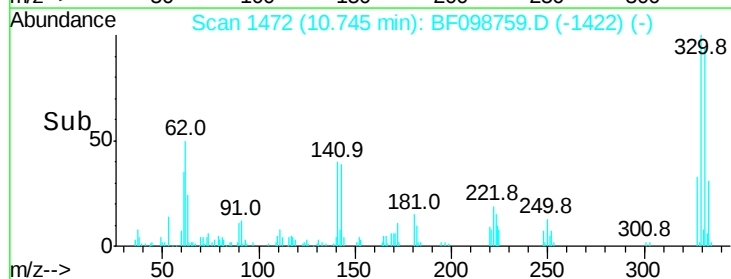
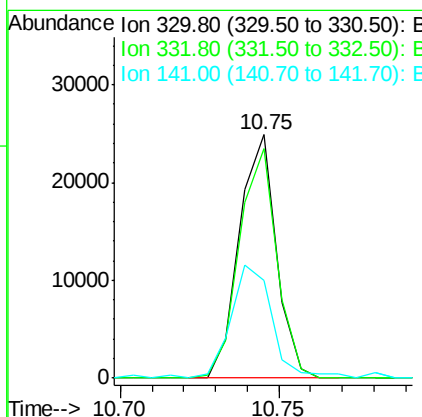
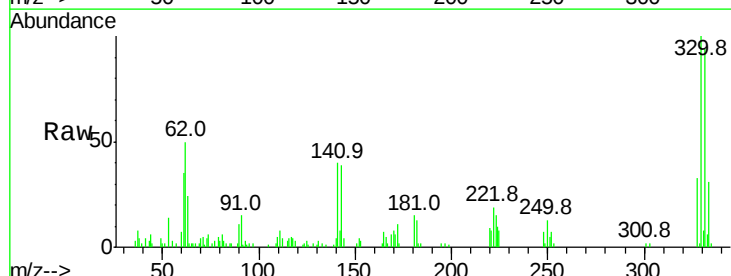
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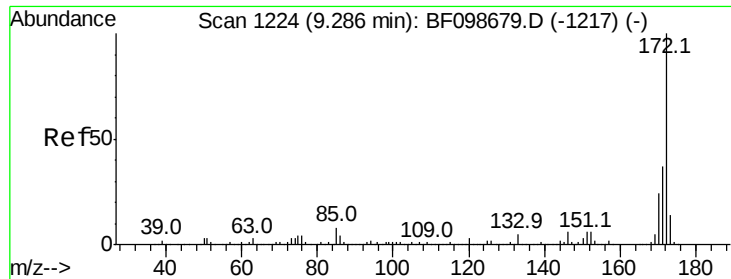
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#41
2,4,6-Tribromophenol
Concen: 14.122 ng
RT: 10.75 min Scan# 1472
Delta R.T. -0.01 min
Lab File: BF098759.D
Acq: 24 Sep 2017 00:46

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	20062		
332	96.2	77.0	115.6	
141	52.3	29.9	44.9	





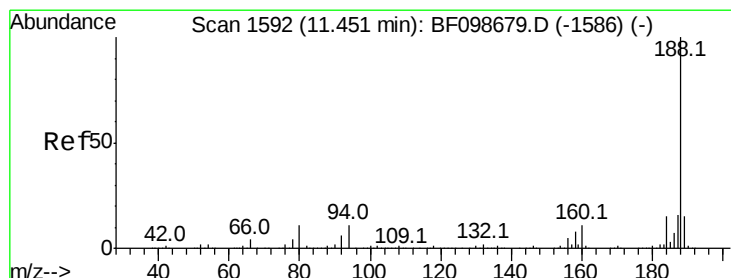
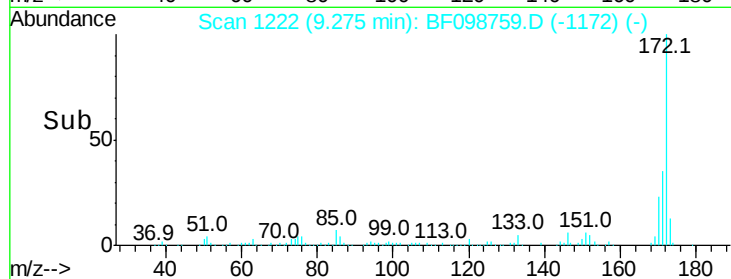
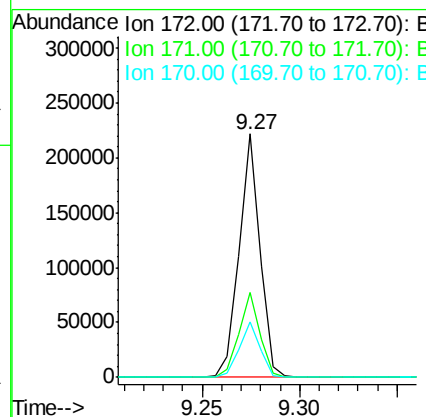
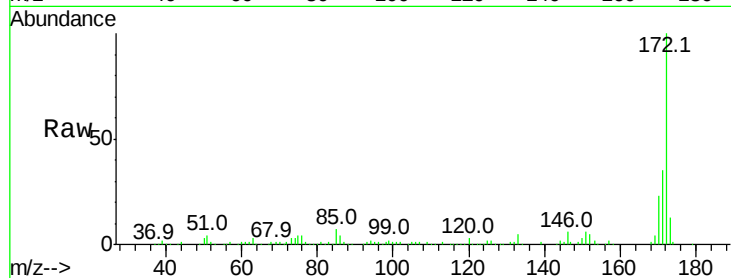
#44
 2-Fluorobiphenyl
 Concen: 15.820 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. -0.01 min
 Lab File: BF098759.D
 Acq: 24 Sep 2017 00:46

Instrument :
 BNA_F
 ClientSampleId :
 SP-1-D-COMP

Tot Ion	Ratio	Resp	Lower	Upper
172	100	164524		
171	35.1	29.7	44.5	
170	22.7	19.6	29.4	

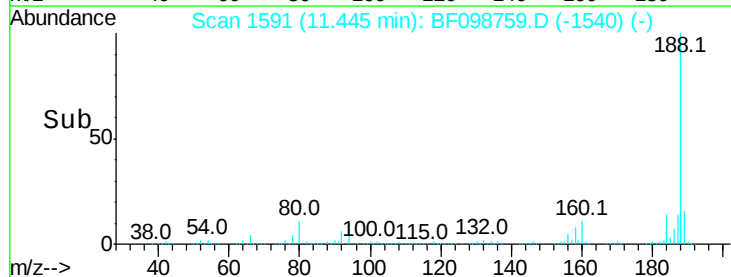
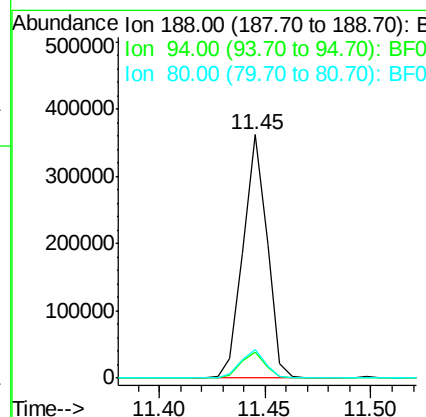
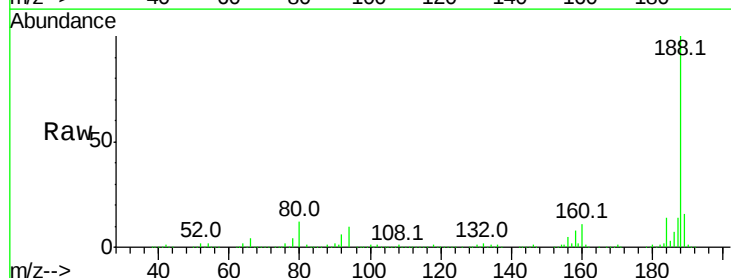
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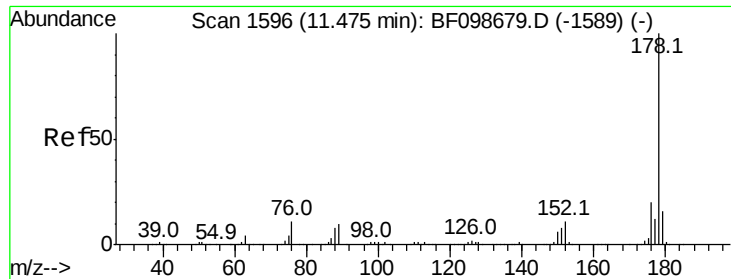
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#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.45 min Scan# 1591
 Delta R.T. -0.00 min
 Lab File: BF098759.D
 Acq: 24 Sep 2017 00:46

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	283283		
94	10.5	8.5	12.7	
80	11.5	9.2	13.8	





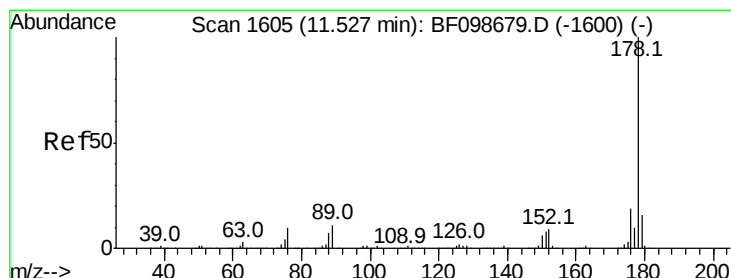
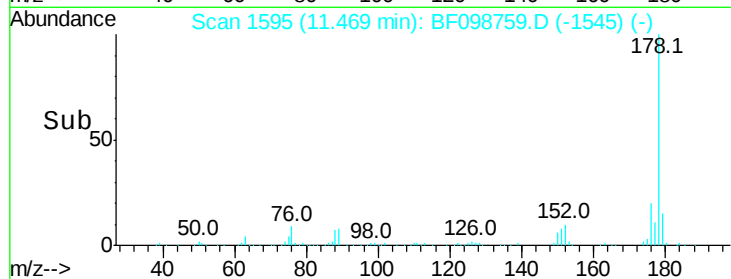
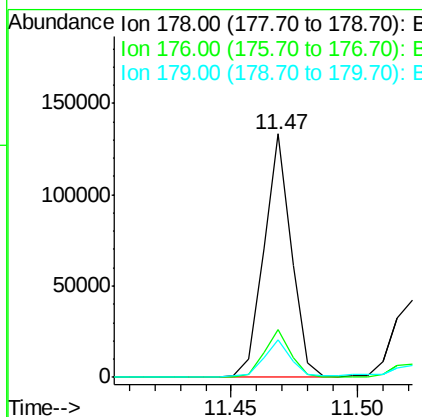
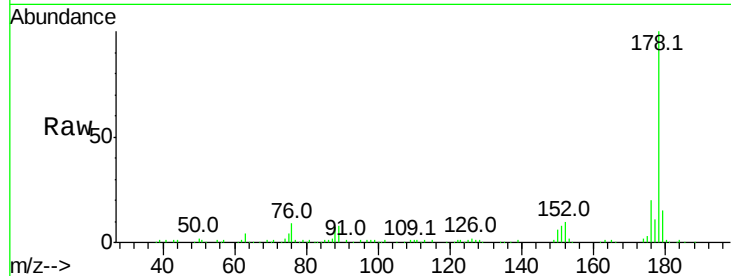
#70
Phenanthrene
Concen: 6.644 ng
RT: 11.47 min Scan# 1595
Delta R.T. -0.01 min
Lab File: BF098759.D
Acq: 24 Sep 2017 00:46

Instrument :
BNA_F
ClientSampleId :
SP-1-D-COMP

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.8	23.8
179	15.2	13.0	19.6

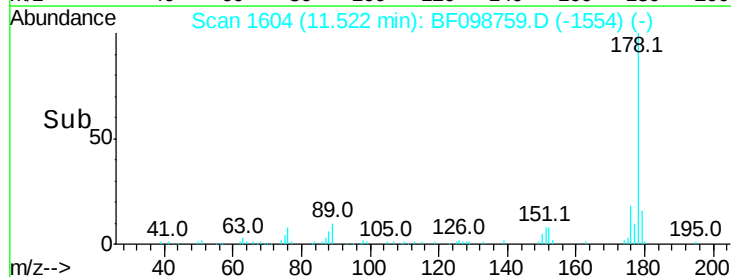
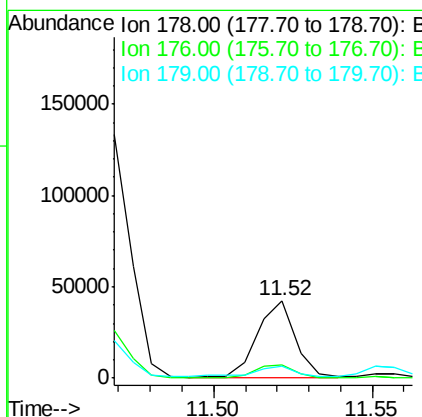
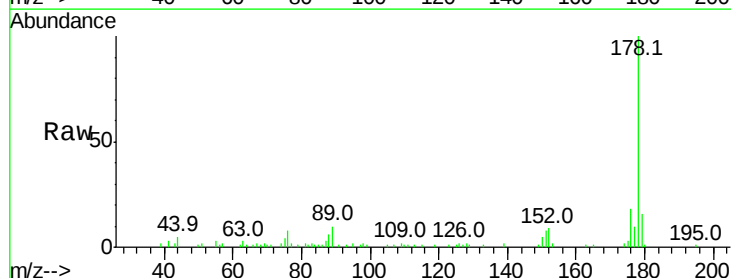
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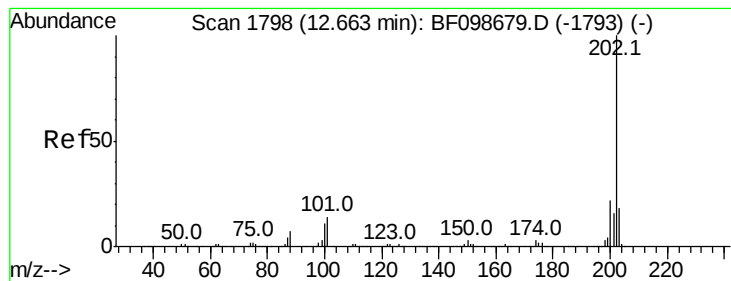
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#71
Anthracene
Concen: 2.228 ng
RT: 11.52 min Scan# 1604
Delta R.T. -0.01 min
Lab File: BF098759.D
Acq: 24 Sep 2017 00:46

Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.9	15.4	23.2
179	15.6	12.6	19.0





#74

Fluoranthene

Concen: 11.670 ng

RT: 12.66 min Scan# 1797

Delta R.T. -0.01 min

Lab File: BF098759.D

Acq: 24 Sep 2017 00:46

Instrument :

BNA_F

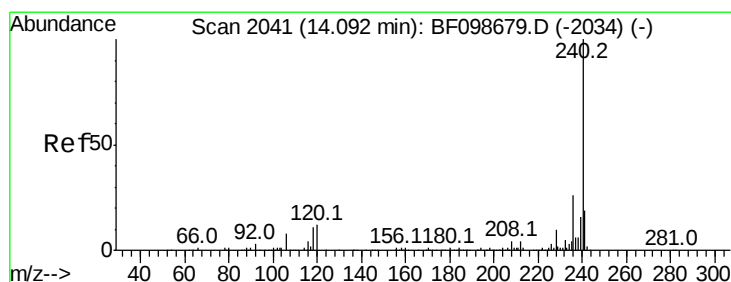
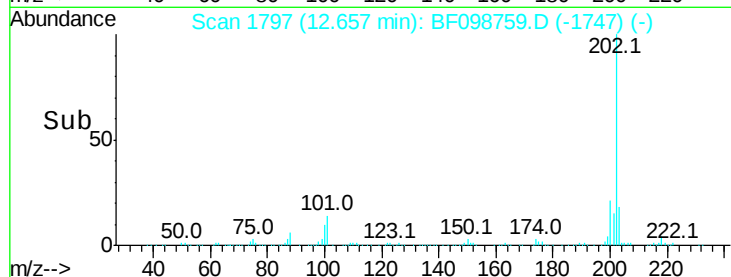
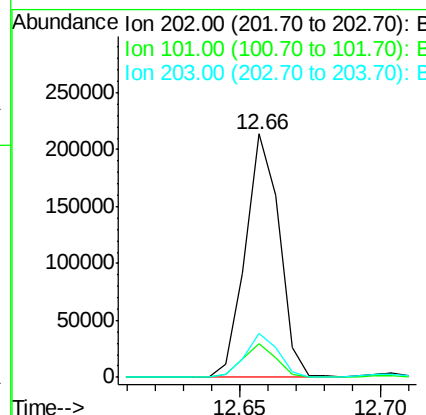
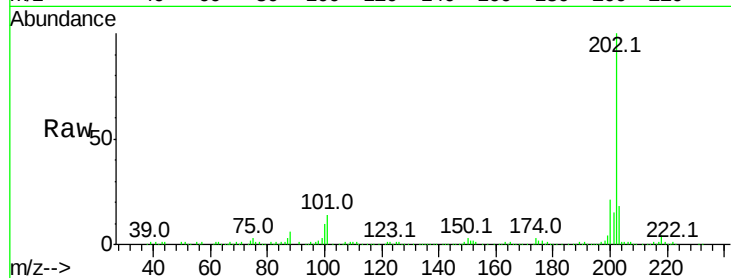
ClientSampleId :

SP-1-D-COMP

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	14.0	0.0	34.1
203	18.0	0.0	38.1

Manual Integrations
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#75

Chrysene-d12

Concen: 20.000 ng

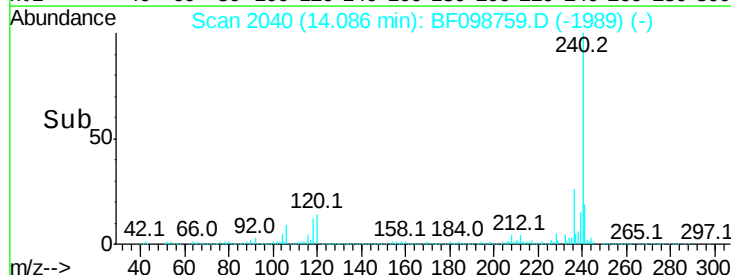
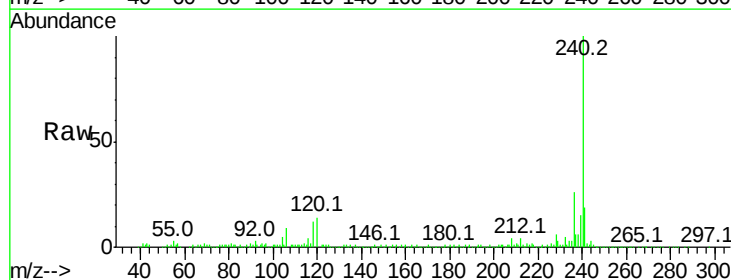
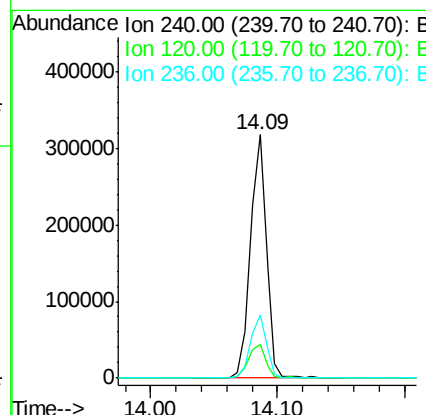
RT: 14.09 min Scan# 2040

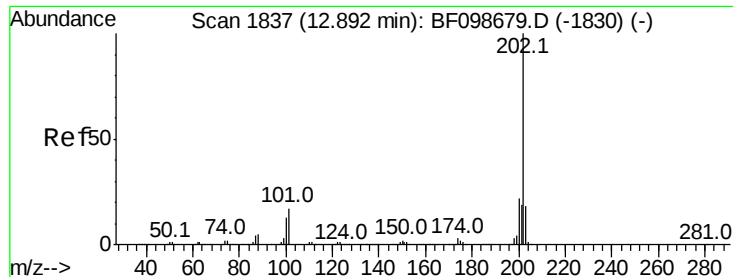
Delta R.T. -0.00 min

Lab File: BF098759.D

Acq: 24 Sep 2017 00:46

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	13.8	9.5	14.3
236	25.8	20.7	31.1





#77

Pvrene

Concen: 8.624 ng

RT: 12.89 min Scan# 1836

Delta R.T. -0.01 min

Lab File: BF098759.D

Acq: 24 Sep 2017 00:46

Instrument :

BNA_F

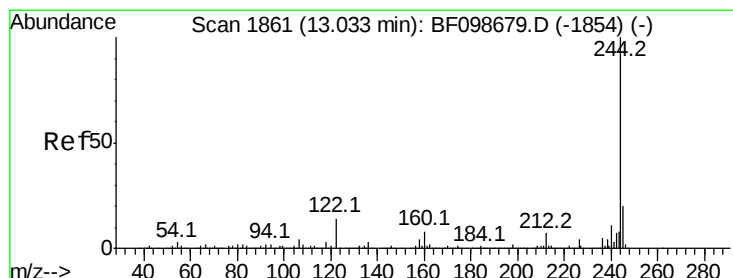
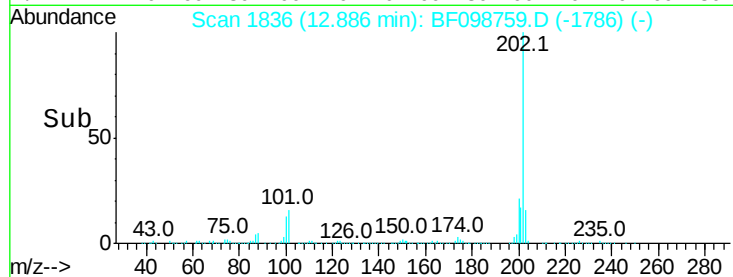
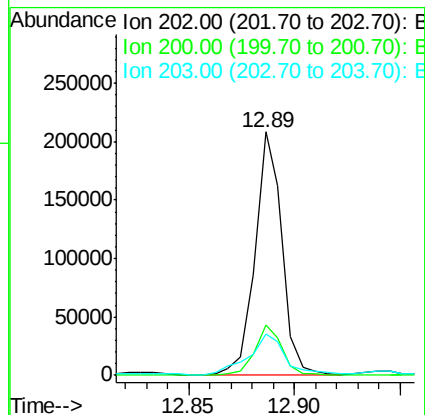
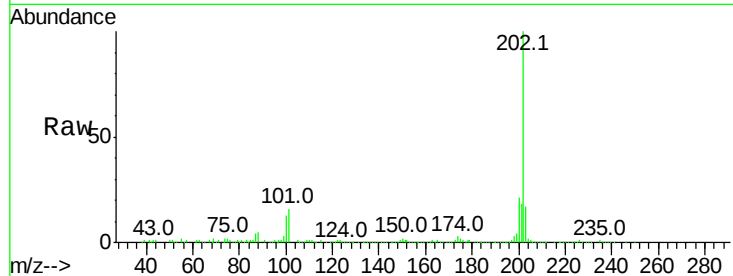
ClientSampled :

SP-1-D-COMP

Tot Ion:	202	Resp:	183349
Ion Ratio	Lower	Upper	
202	100		
200	20.6	17.4	26.2
203	17.1	14.3	21.5

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#78

Terphenyl-d14

Concen: 10.783 ng

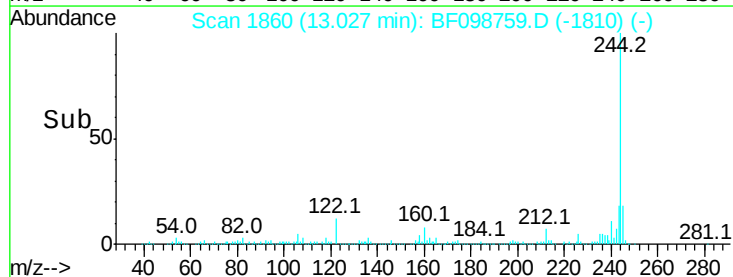
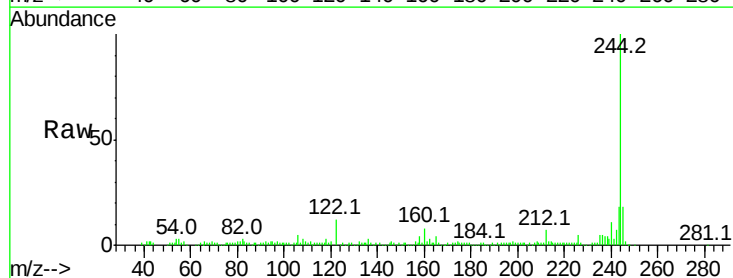
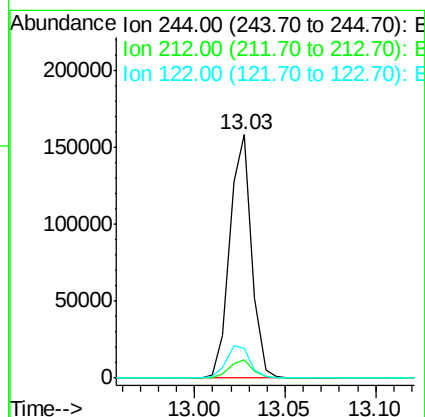
RT: 13.03 min Scan# 1860

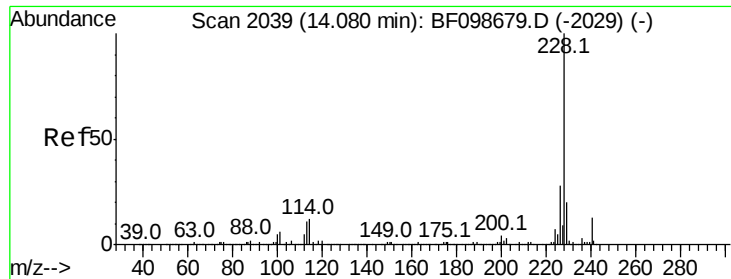
Delta R.T. -0.01 min

Lab File: BF098759.D

Acq: 24 Sep 2017 00:46

Tgt Ion:	244	Resp:	132188
Ion Ratio	Lower	Upper	
244	100		
212	7.5	5.4	8.0
122	12.2	11.0	16.4





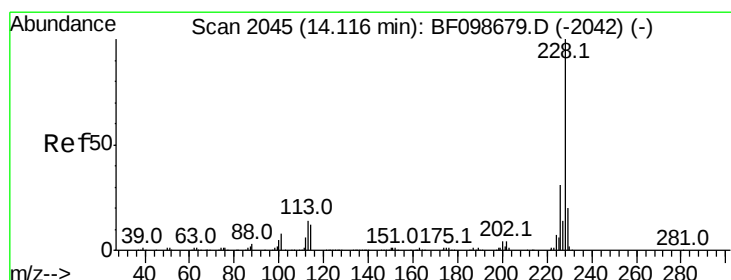
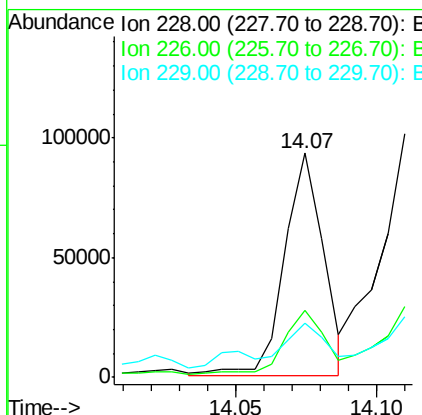
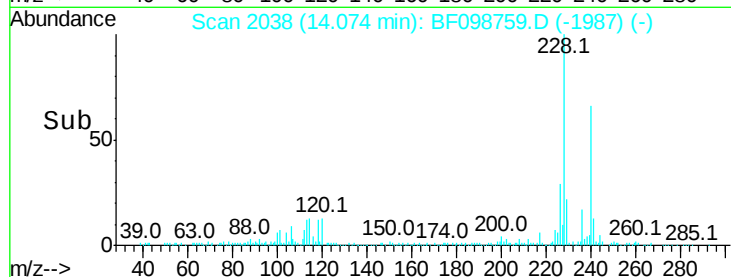
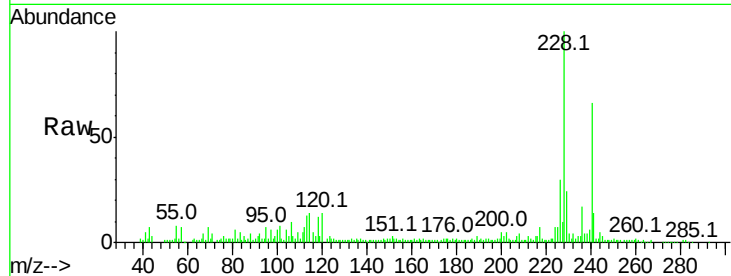
#80
Benzo(a)anthracene
Concen: 5.313 ng
RT: 14.07 min Scan# 2038
Delta R.T. -0.00 min
Lab File: BF098759.D
Acq: 24 Sep 2017 00:46

Instrument :
BNA_F
ClientSampled :
SP-1-D-COMP

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.1	22.6	33.8
229	24.0	15.8	23.6

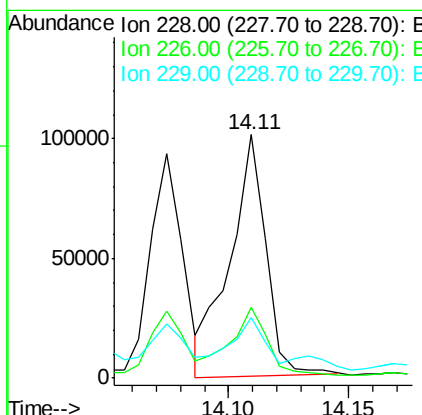
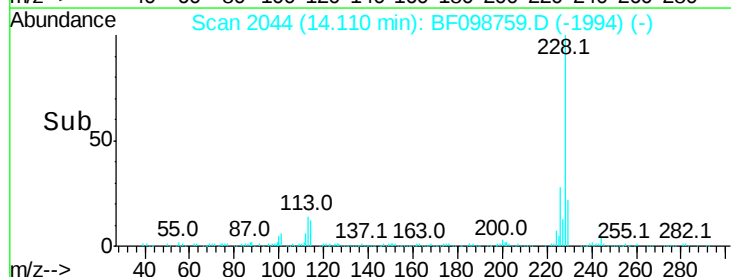
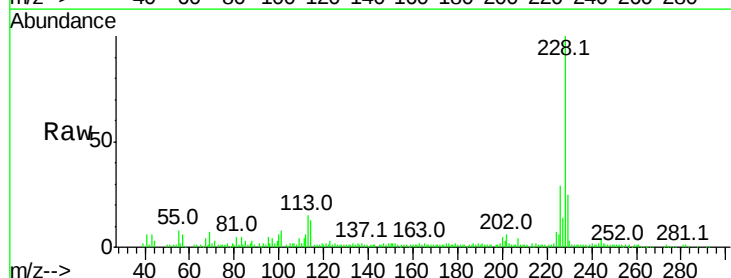
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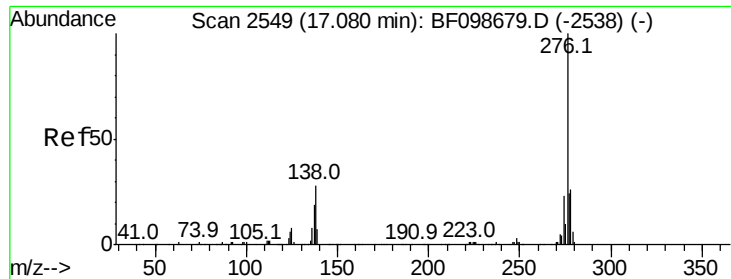
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#82
Chrysene
Concen: 6.588 ng m
RT: 14.11 min Scan# 2044
Delta R.T. -0.01 min
Lab File: BF098759.D
Acq: 24 Sep 2017 00:46

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.0	25.0	37.6
229	24.7	16.2	24.4





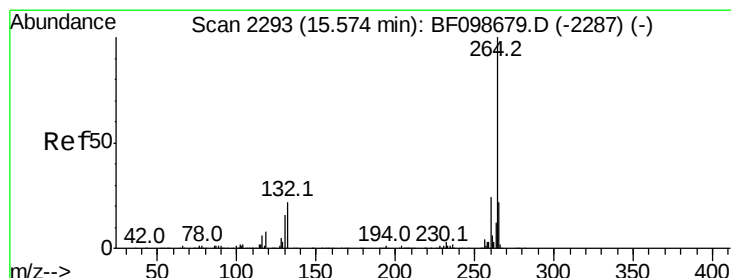
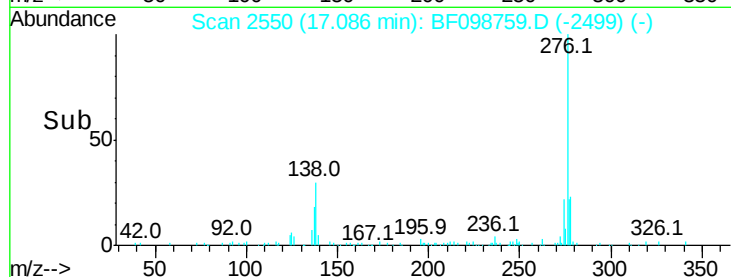
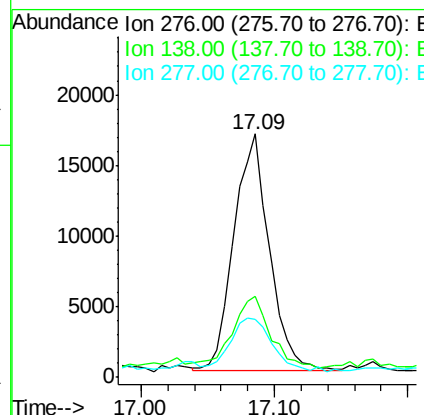
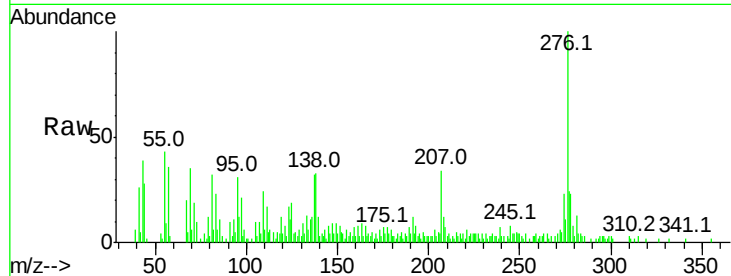
#85
Indeno(1,2,3-cd)pyrene
Concen: 2.425 ng
RT: 17.09 min Scan# 2550
Delta R.T. -0.00 min
Lab File: BF098759.D
Acq: 24 Sep 2017 00:46

Instrument :
BNA_F
ClientSampleId :
SP-1-D-COMP

Tot Ion	Ratio	Lower	Upper
276	100		
138	29.8	25.0	37.6
277	25.7	20.1	30.1

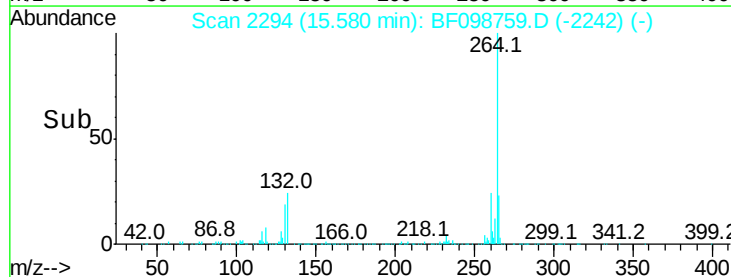
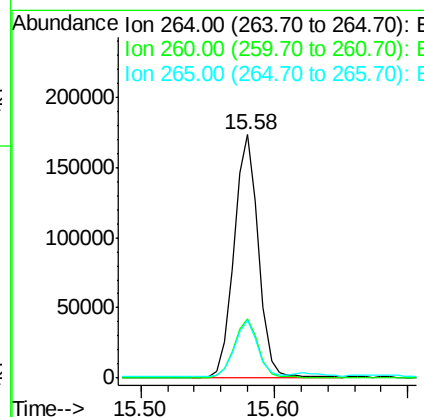
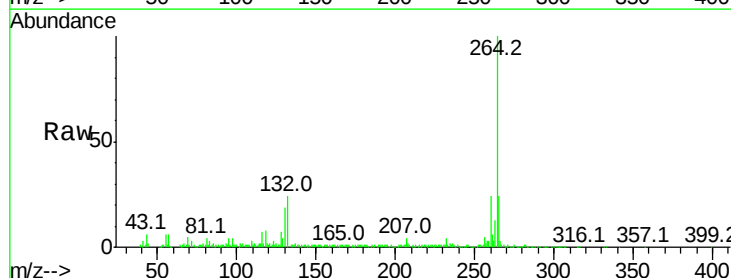
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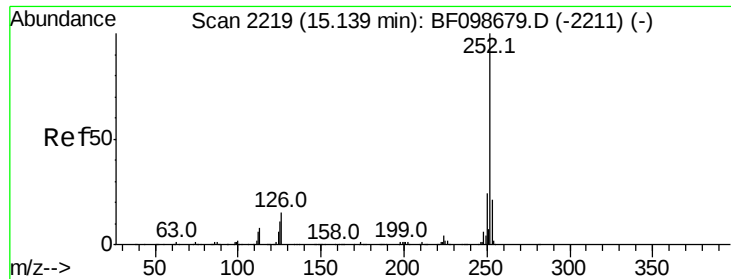
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.58 min Scan# 2294
Delta R.T. 0.01 min
Lab File: BF098759.D
Acq: 24 Sep 2017 00:46

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	23.7	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 7.692 ng m

RT: 15.14 min Scan# 2219

Delta R.T. -0.00 min

Lab File: BF098759.D

Acq: 24 Sep 2017 00:46

Instrument :

BNA_F

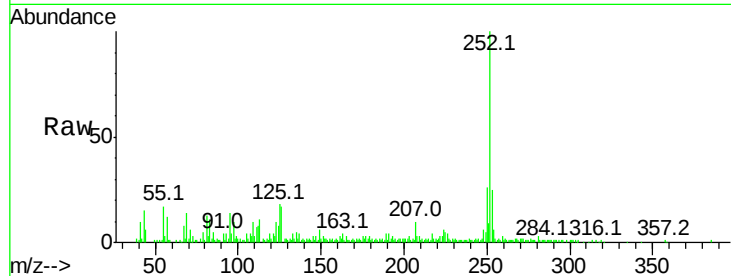
ClientSampleId :

SP-1-D-COMP

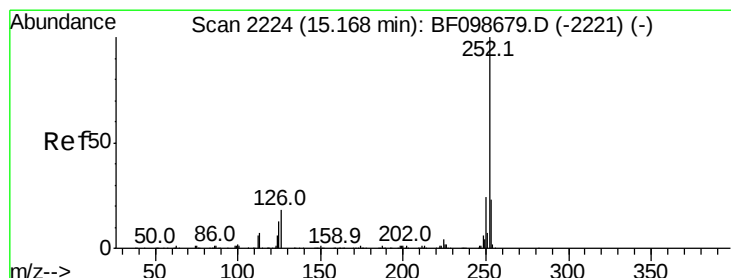
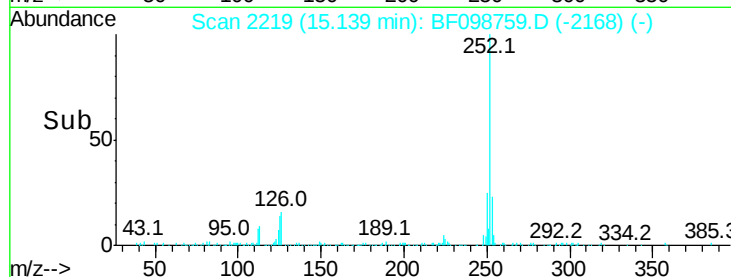
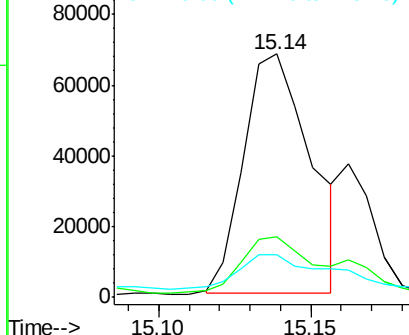
Tot Ion:	252	Resp:	103831
Ion Ratio	Lower	Upper	
252	100		
253	25.0	17.0	25.6
125	17.7	9.0	13.6#

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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



#88

Benzo(k)fluoranthene

Concen: 2.142 ng m

RT: 15.16 min Scan# 2223

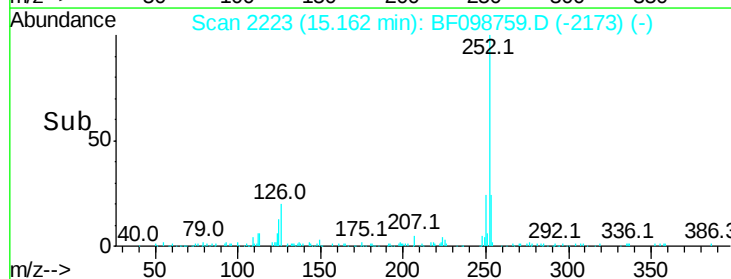
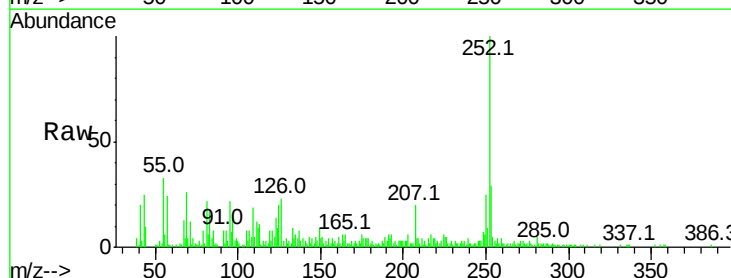
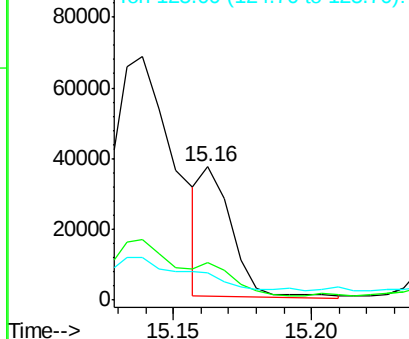
Delta R.T. -0.01 min

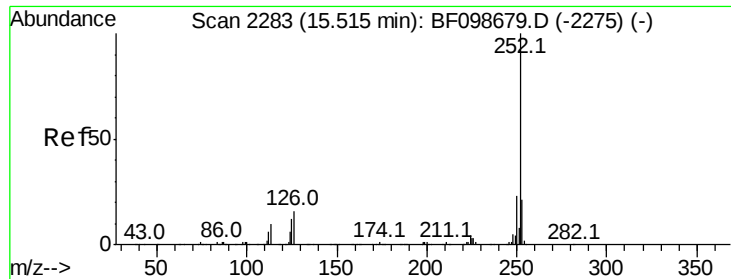
Lab File: BF098759.D

Acq: 24 Sep 2017 00:46

Tgt Ion:	252	Resp:	28563
Ion Ratio	Lower	Upper	
252	100		
253	28.5	17.9	26.9#
125	20.4	10.2	15.2#

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





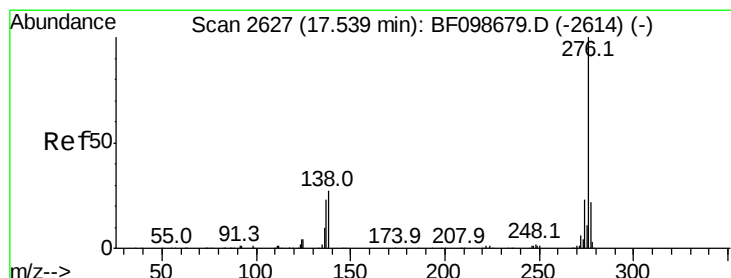
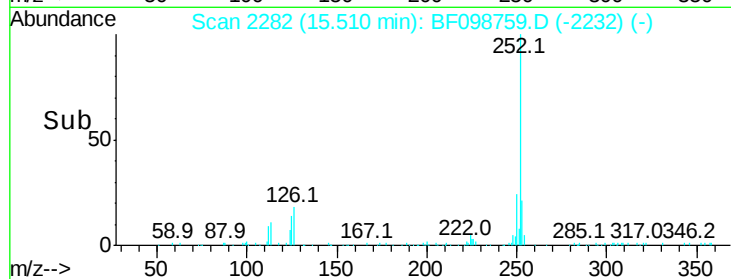
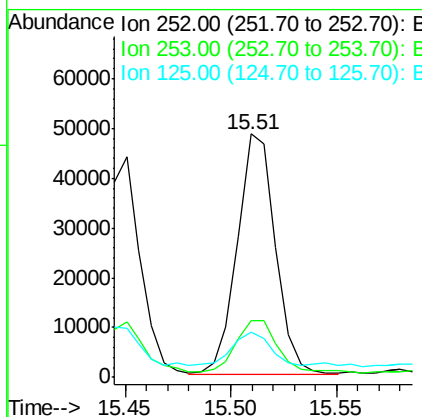
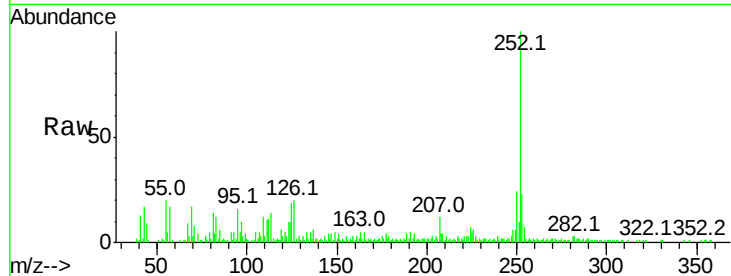
#89
Benzo(a)pyrene
Concen: 4.888 ng
RT: 15.51 min Scan# 2282
Delta R.T. -0.01 min
Lab File: BF098759.D
Acq: 24 Sep 2017 00:46

Instrument :
BNA_F
ClientSampleId :
SP-1-D-COMP

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	23.2	17.1	25.7
125	18.8	9.8	14.6

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 3.267 ng
RT: 17.54 min Scan# 2627
Delta R.T. -0.01 min
Lab File: BF098759.D
Acq: 24 Sep 2017 00:46

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
277	23.5	17.9	26.9
138	33.6	21.8	32.8

