

Data Path : Z:\HPCHEM1\BNA F\DATA\BF093017\
 Data File : BF098963.D
 Acq On : 30 Sep 2017 15:27
 Operator : SJ/JU
 Sample : I5487-07 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-092717-C

Manual Integrations
 APPROVED

Sohil
 10/2/2017 5:44:17 PM

Quant Time: Oct 01 00:33:11 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	137585	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	561889	20.00	ng	-0.01
38) Acenaphthene-d10	9.95	164	243244	20.00	ng	-0.01
63) Phenanthrene-d10	11.44	188	376267	20.00	ng	0.00
75) Chrysene-d12	14.07	240	212824	20.00	ng	-0.01
86) Perylene-d12	15.57	264	234693	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	199139	23.04	ng	-0.02
7) Phenol-d6	6.53	99	233609	21.91	ng	-0.02
23) Nitrobenzene-d5	7.47	82	142946	16.31	ng	-0.02
41) 2,4,6-Tribromophenol	10.74	330	37278	18.73	ng	-0.01
44) 2-Fluorobiphenyl	9.27	172	279170	19.16	ng	-0.01
78) Terphenyl-d14	13.02	244	166421	17.78	ng	-0.02
Target Compounds						
49) Dimethylphthalate	9.66	163	39229	2.137	ng	99
85) Indeno(1,2,3-cd)pyrene	17.07	276	23732	2.418	ng	94
87) Benzo(b)fluoranthene	15.13	252	38418m	2.662	ng	
89) Benzo(a)pyrene	15.50	252	31056	2.345	ng	# 91
91) Benzo(g,h,i)perylene	17.52	276	24235	2.313	ng	# 90

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

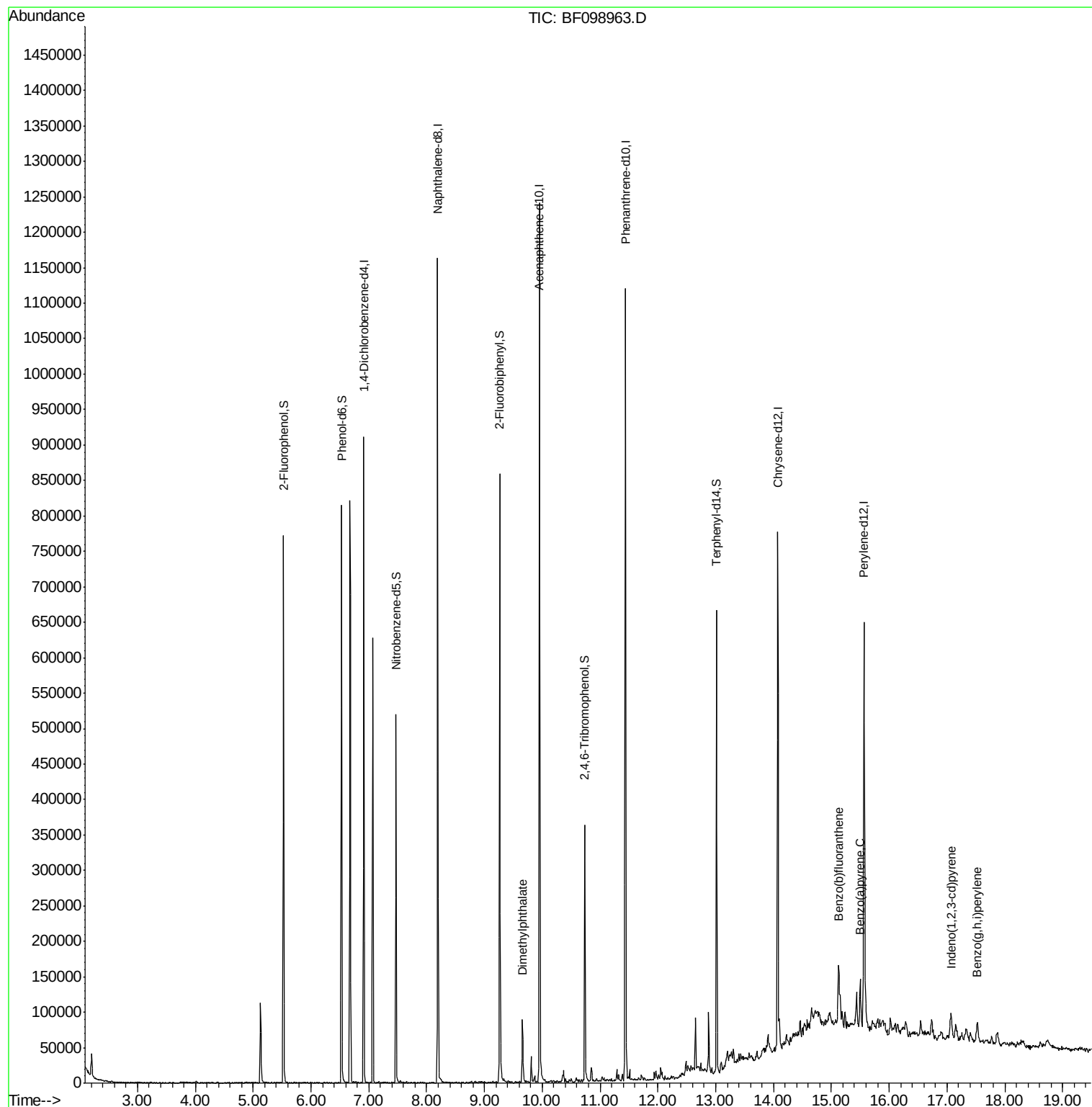
Data Path : Z:\HPCHEM1\BNA F\DATA\BF093017\
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ALS Vial : 7 Sample Multiplier: 1

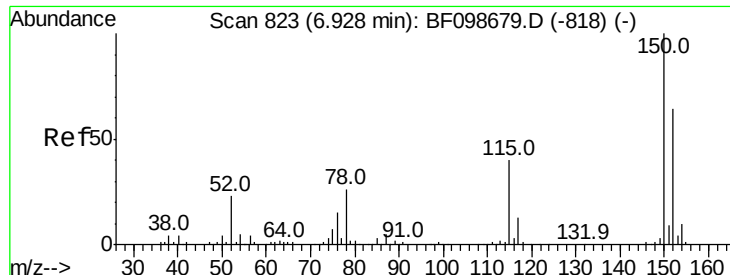
Instrument :
BNA_F
ClientSampleId :
CL-02-092717-C

Manual Integrations
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10/2/2017 5:44:17 PM

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#1

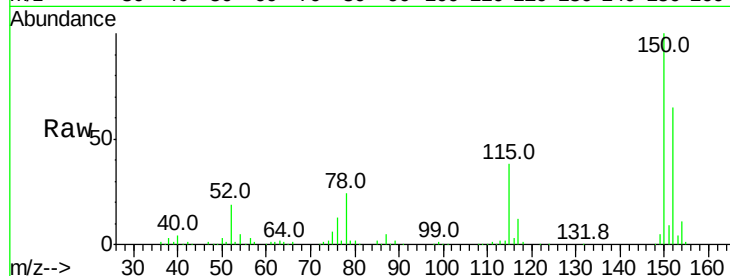
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF098963.D
Acq: 30 Sep 2017 15:27

Instrument :
BNA_F
ClientSampleId :
CL-02-092717-C

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.7	124.6	186.8
115	58.8	50.1	75.1

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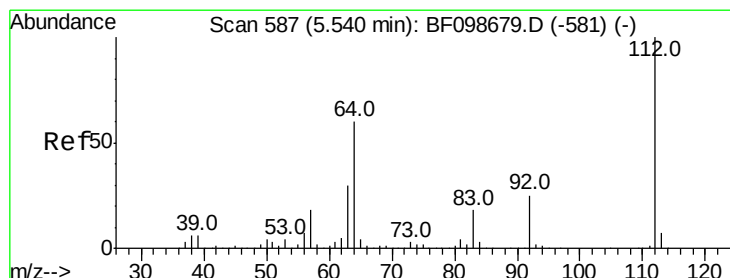
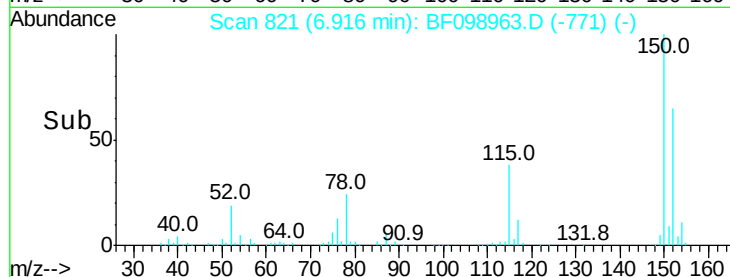
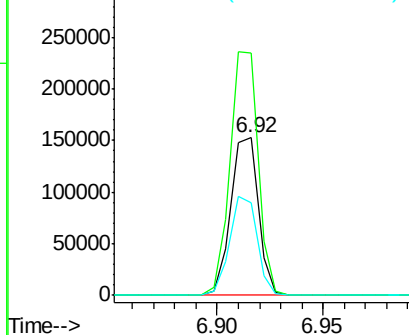


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

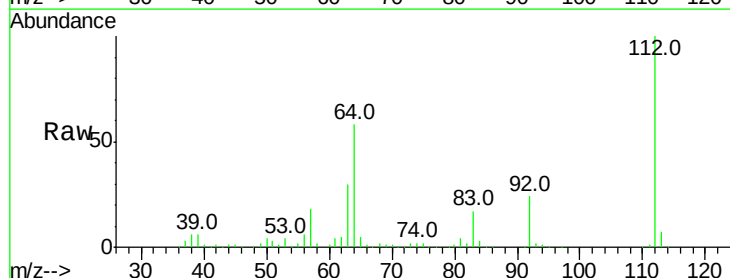
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 23.041 ng
RT: 5.52 min Scan# 584
Delta R.T. -0.02 min
Lab File: BF098963.D
Acq: 30 Sep 2017 15:27

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.9	47.9	71.9
63	29.9	23.7	35.5

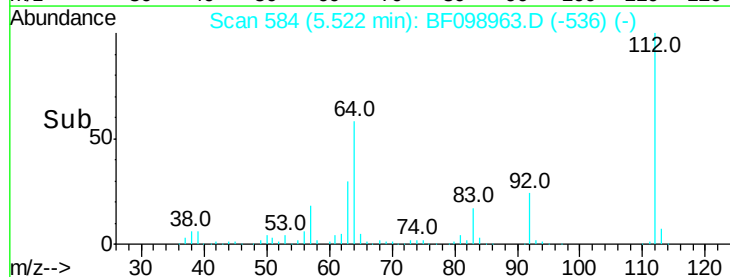
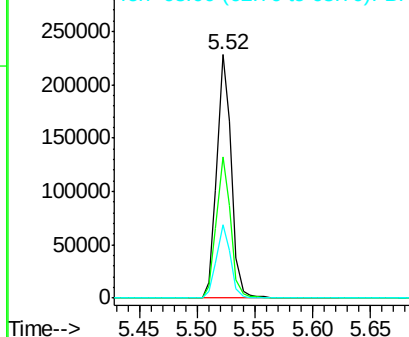


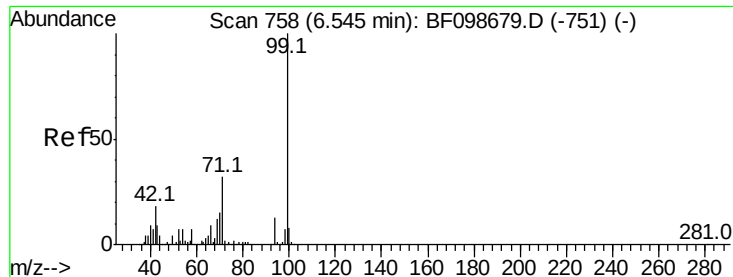
Abundance

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: 21.911 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.02 min

Lab File: BF098963.D

Acq: 30 Sep 2017 15:27

Instrument :

BNA_F

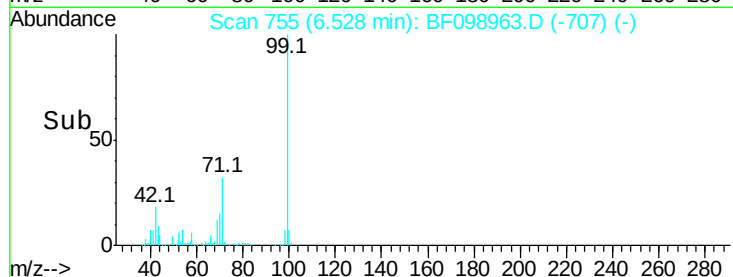
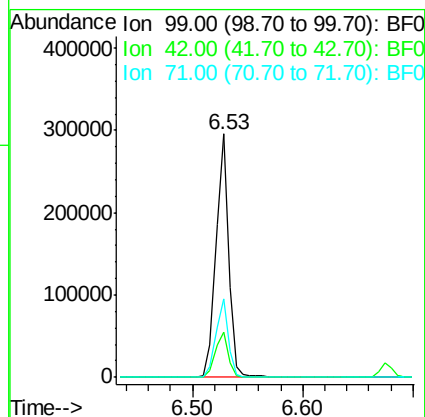
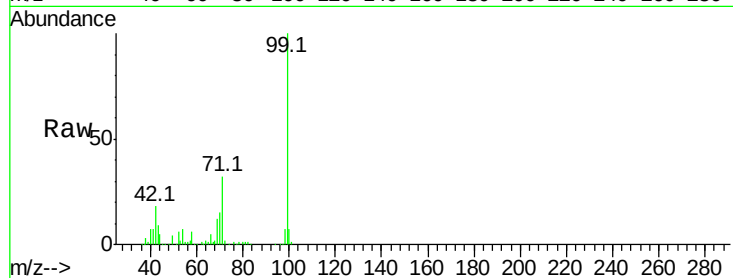
ClientSampleId :

CL-02-092717-C

Tot Ion:	99	Resp:	233609
Ion Ratio	Lower	Upper	
99	100		
42	18.4	14.5	21.7
71	32.0	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

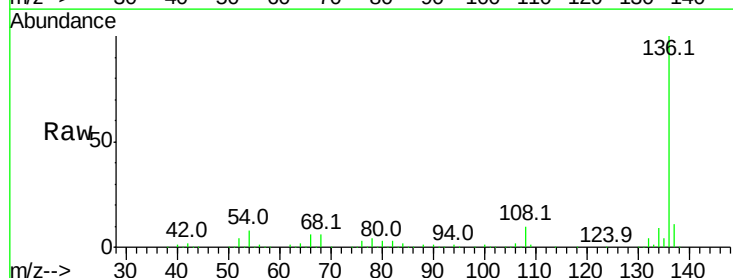
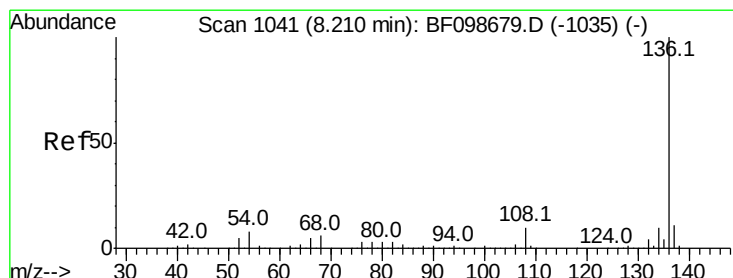
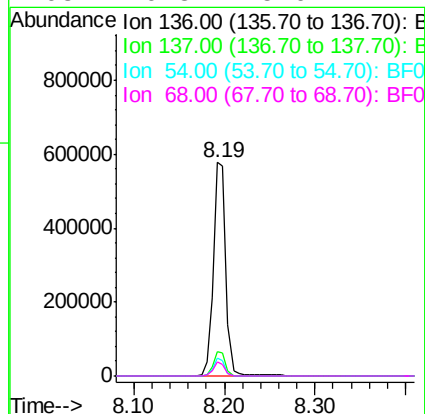
RT: 8.19 min Scan# 1038

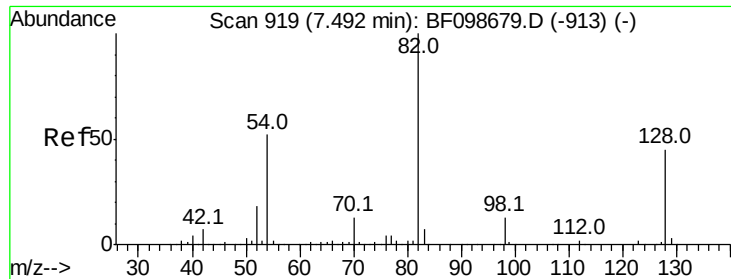
Delta R.T. -0.01 min

Lab File: BF098963.D

Acq: 30 Sep 2017 15:27

Tgt Ion:	136	Resp:	561889
Ion Ratio	Lower	Upper	
136	100		
137	11.5	8.9	13.3
54	8.4	6.6	9.8
68	6.3	5.0	7.4





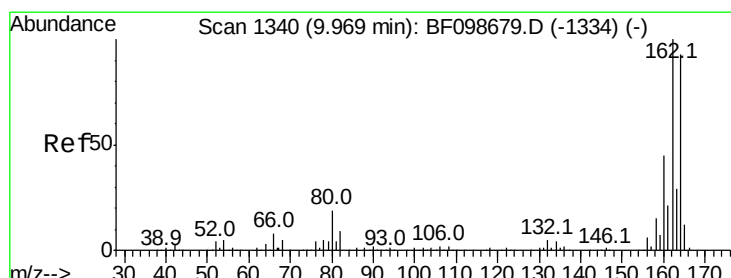
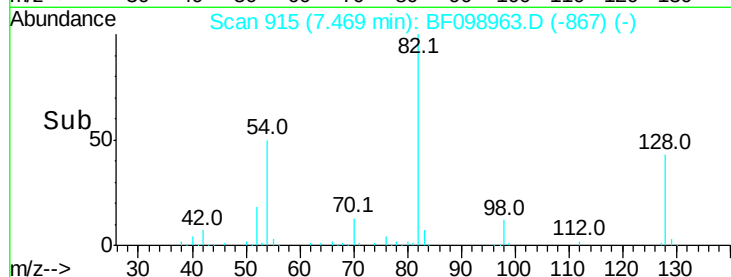
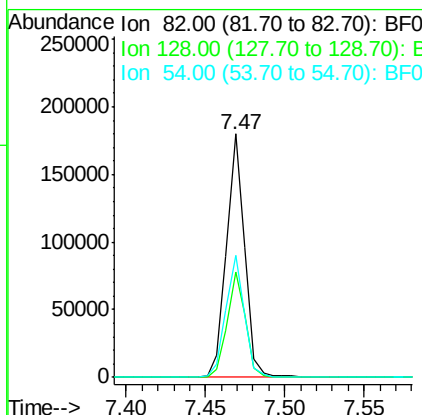
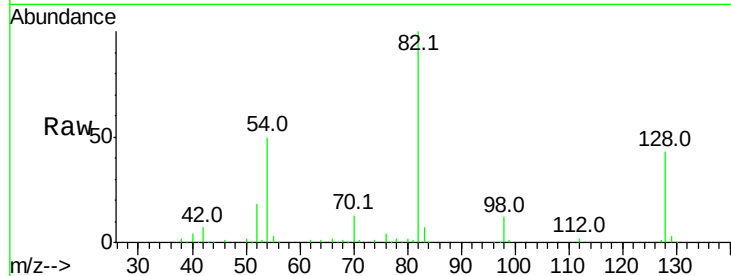
#23
Nitrobenzene-d5
Concen: 16.315 ng
RT: 7.47 min Scan# 915
Delta R.T. -0.02 min
Lab File: BF098963.D
Acq: 30 Sep 2017 15:27

Instrument :
BNA_F
ClientSampleId :
CL-02-092717-C

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	43.2	36.1	54.1	
54	50.1	41.4	62.2	

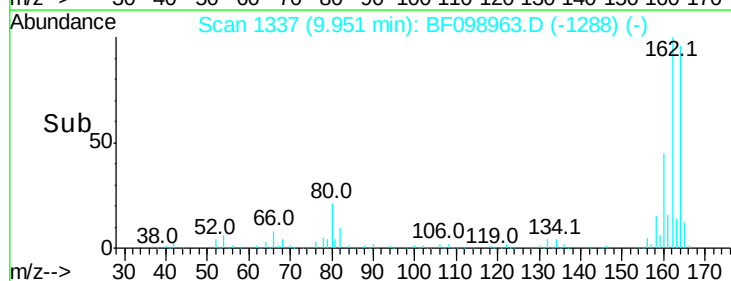
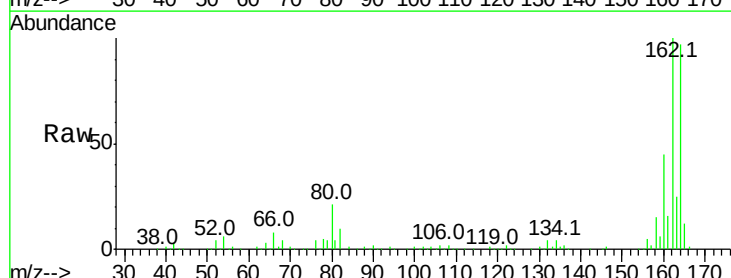
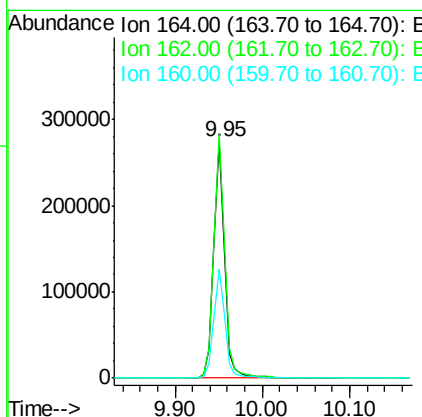
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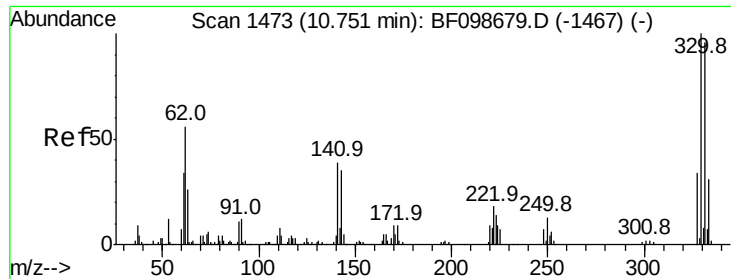
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF098963.D
Acq: 30 Sep 2017 15:27

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	103.0	86.1	129.1	
160	46.1	38.3	57.5	





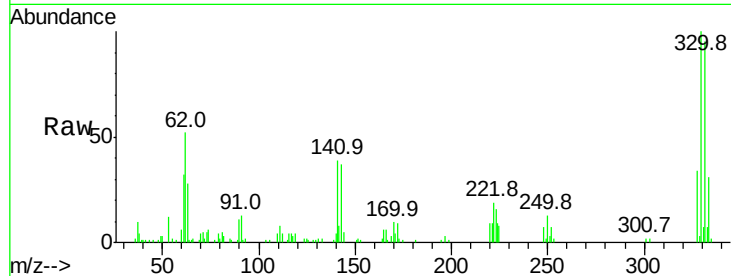
#41
 2,4,6-Tribromophenol
 Concen: 18.729 ng
 RT: 10.74 min Scan# 1471
 Delta R.T. -0.01 min
 Lab File: BF098963.D
 Acq: 30 Sep 2017 15:27

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-092717-C

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.8	77.0	115.6
141	48.6	29.9	44.9#

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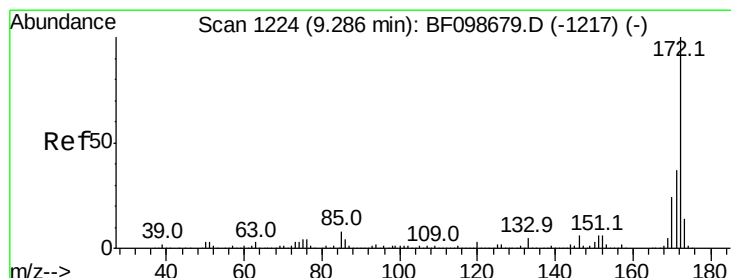
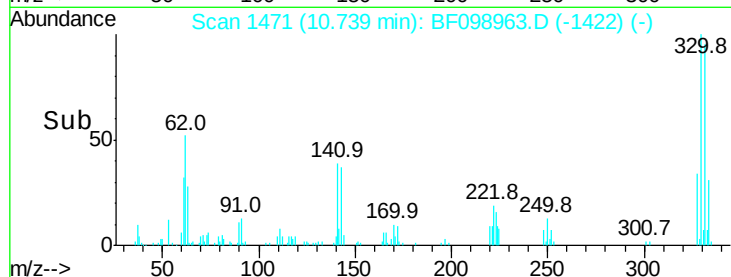
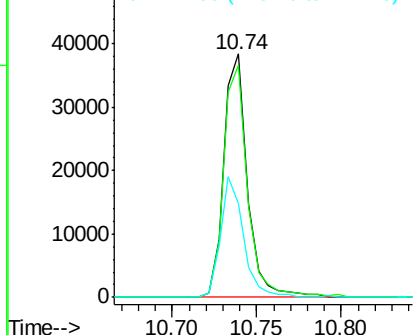


Abundance

Ion 329.80 (329.50 to 330.50): E

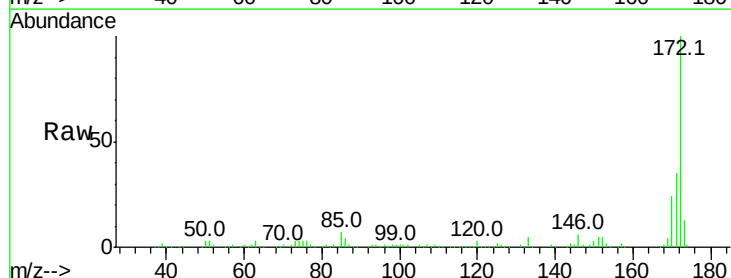
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 19.160 ng
 RT: 9.27 min Scan# 1221
 Delta R.T. -0.01 min
 Lab File: BF098963.D
 Acq: 30 Sep 2017 15:27

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.2	29.7	44.5
170	23.6	19.6	29.4

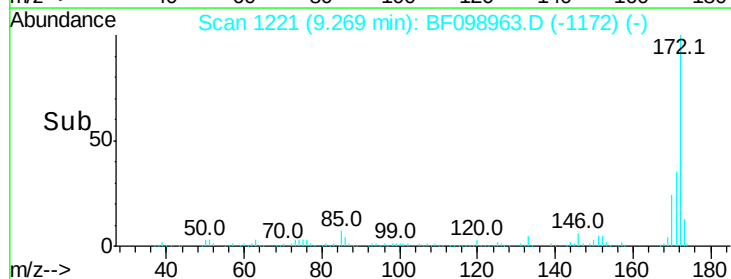
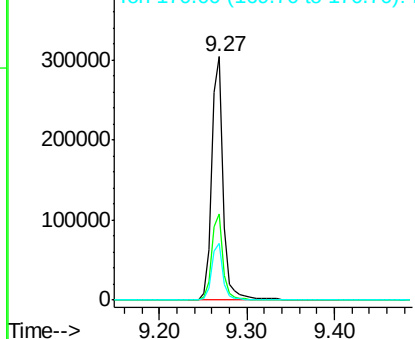


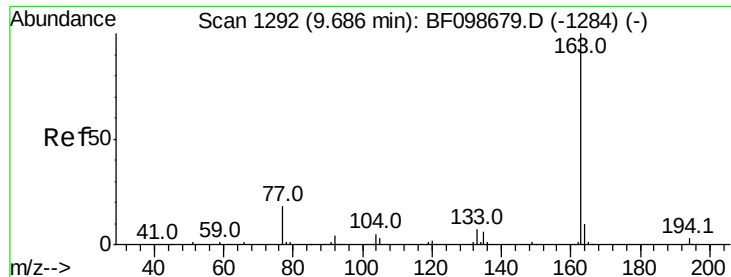
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





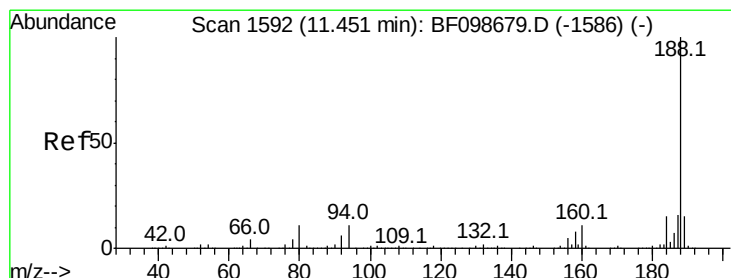
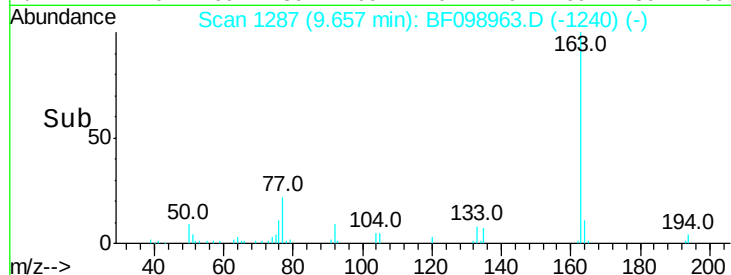
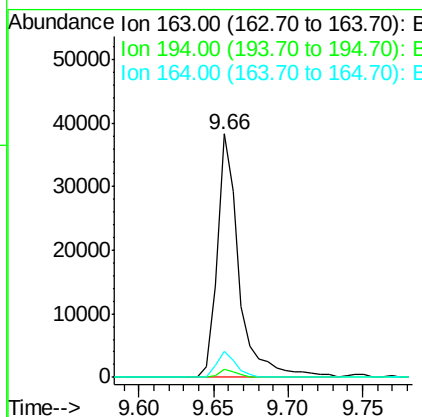
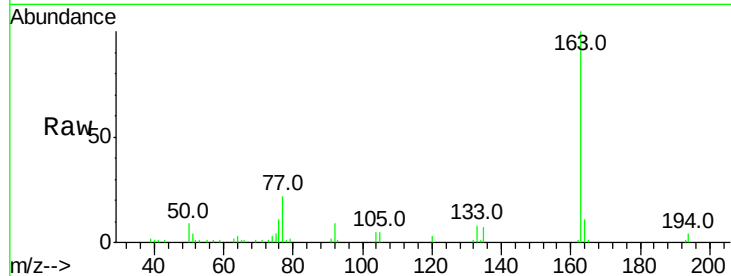
#49
Dimethylphthalate
Concen: 2.137 ng
RT: 9.66 min Scan# 1287
Delta R.T. -0.02 min
Lab File: BF098963.D
Acq: 30 Sep 2017 15:27

Instrument :
BNA_F
ClientSampleId :
CL-02-092717-C

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.7	4.1
164	10.8	8.2	12.2

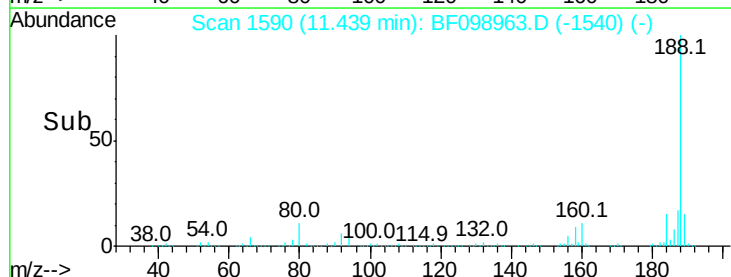
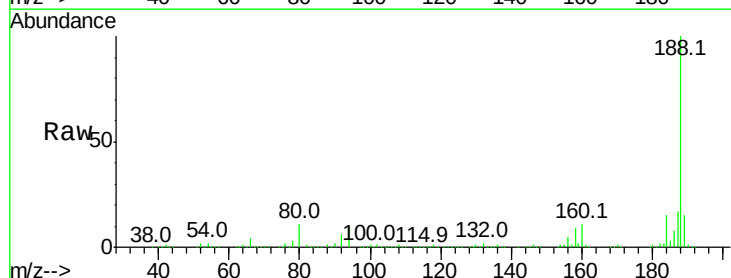
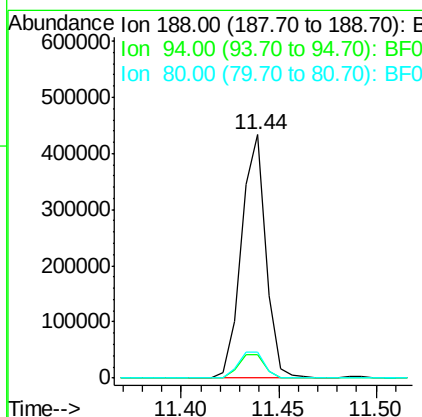
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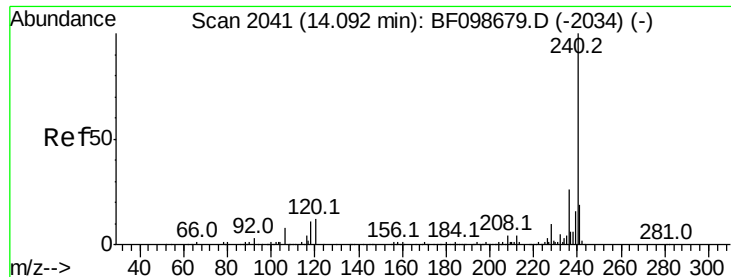
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BF098963.D
Acq: 30 Sep 2017 15:27

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.9	8.5	12.7
80	10.8	9.2	13.8





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.07 min Scan# 2038

Delta R.T. -0.01 min

Lab File: BF098963.D

Acq: 30 Sep 2017 15:27

Instrument :

BNA_F

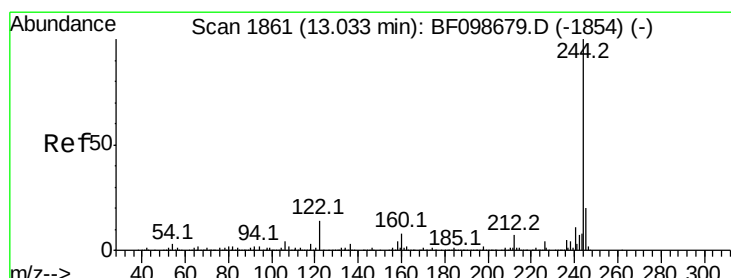
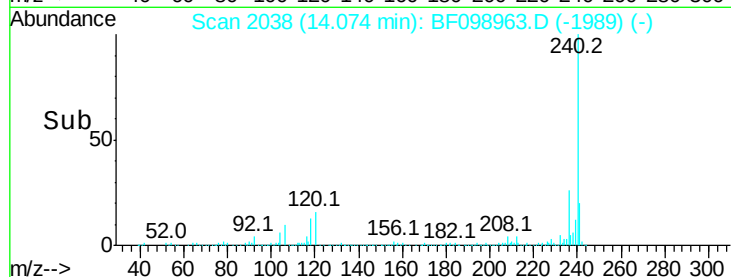
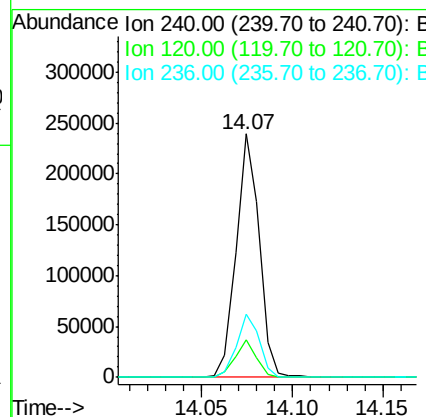
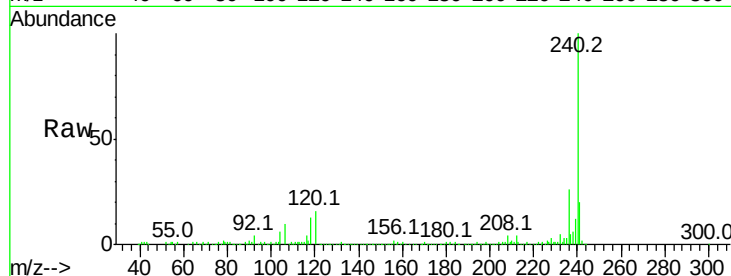
ClientSampleId :

CL-02-092717-C

Tot Ion	Ratio	Lower	Upper
240	100		
120	15.6	9.5	14.3#
236	25.8	20.7	31.1

Manual Integrations
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#78

Terphenyl-d14

Concen: 17.783 ng

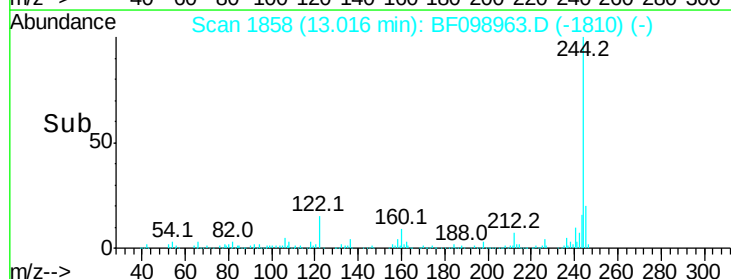
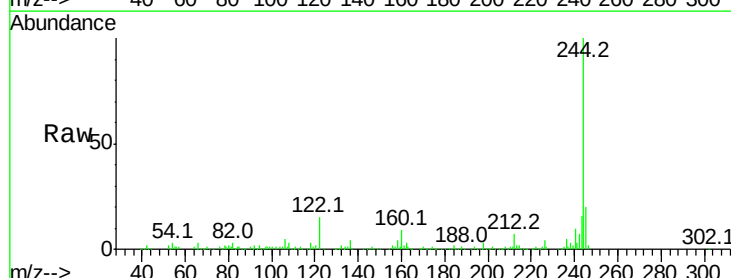
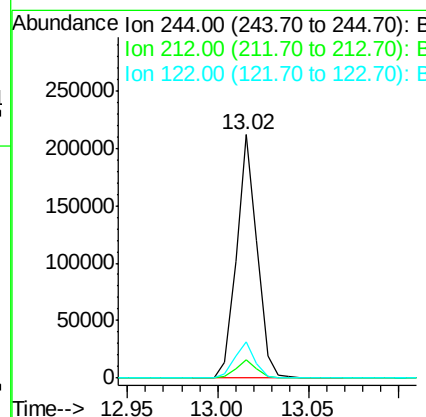
RT: 13.02 min Scan# 1858

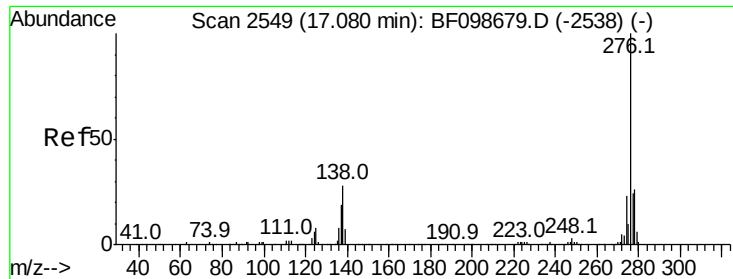
Delta R.T. -0.02 min

Lab File: BF098963.D

Acq: 30 Sep 2017 15:27

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.4	8.0
122	14.8	11.0	16.4





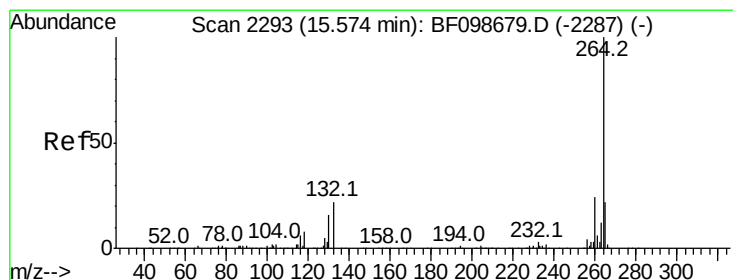
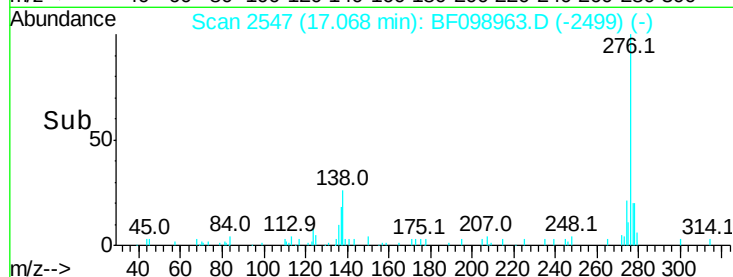
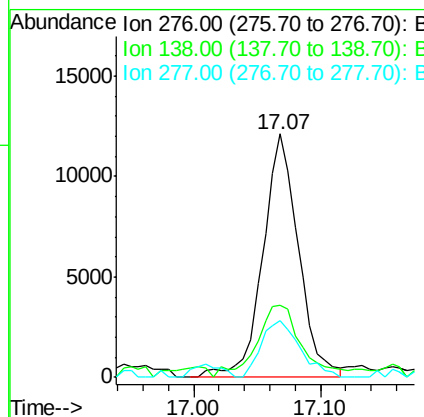
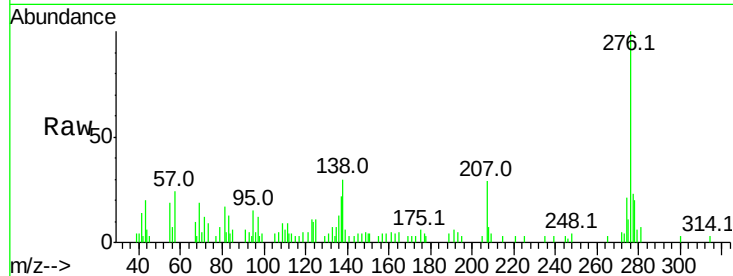
#85
Indeno(1,2,3-cd)pyrene
Concen: 2.418 ng
RT: 17.07 min Scan# 2547
Delta R.T. -0.02 min
Lab File: BF098963.D
Acq: 30 Sep 2017 15:27

Instrument :
BNA_F
ClientSampleId :
CL-02-092717-C

Tot Ion:	276	Resp:	23732
Ion Ratio	Lower	Upper	
276	100		
138	37.3	25.0	37.6
277	25.3	20.1	30.1

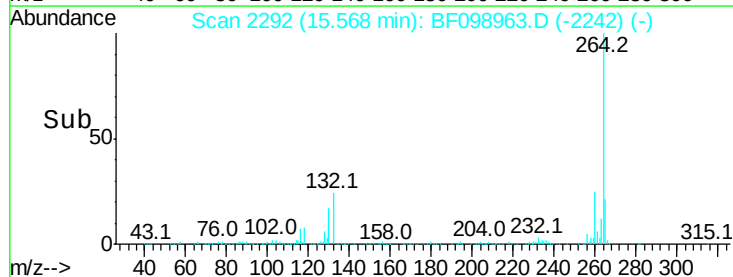
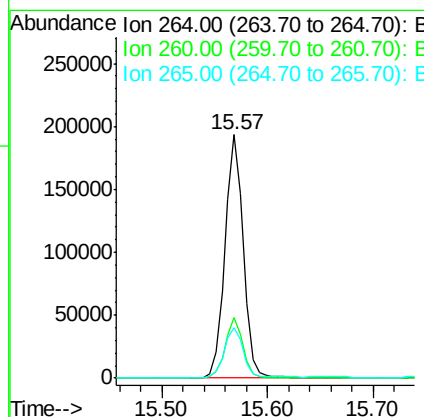
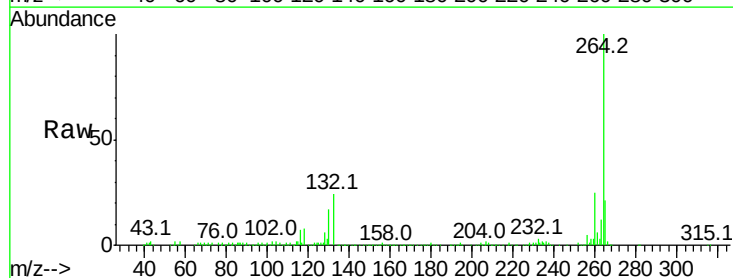
Manual Integrations
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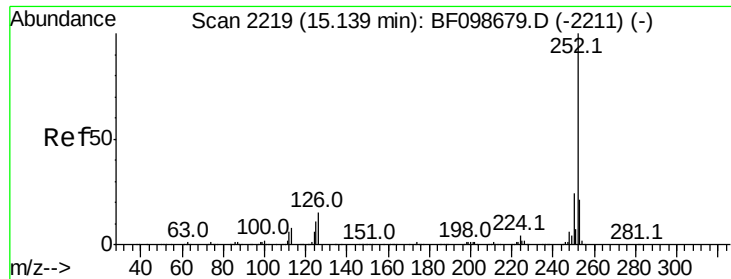
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.57 min Scan# 2292
Delta R.T. -0.01 min
Lab File: BF098963.D
Acq: 30 Sep 2017 15:27

Tgt Ion:	264	Resp:	234693
Ion Ratio	Lower	Upper	
264	100		
260	25.0	19.2	28.8
265	20.8	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 2.662 ng/mL

RT: 15.13 min Scan# 2217

Delta R.T. -0.01 min

Lab File: BF098963.D

Acq: 30 Sep 2017 15:27

Instrument :

BNA_F

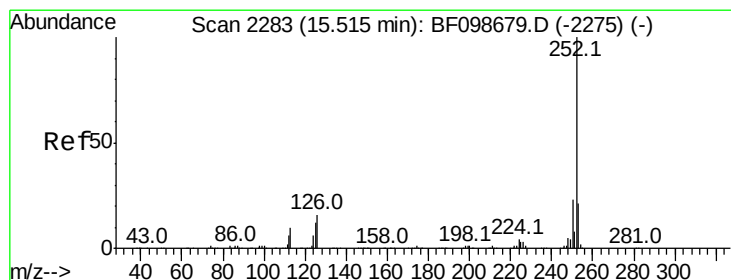
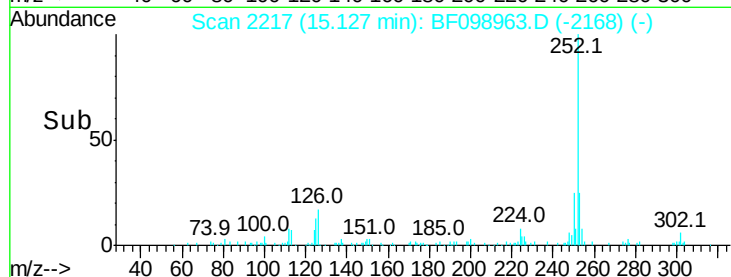
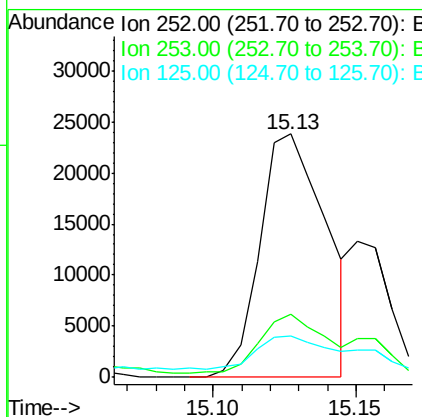
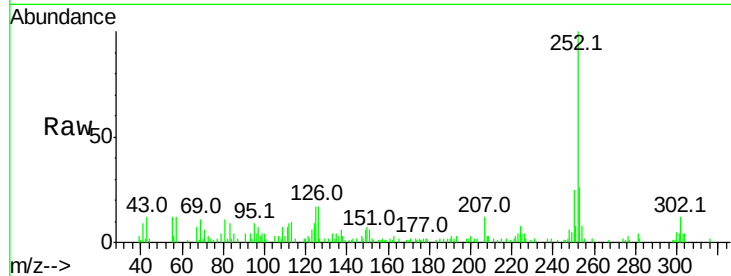
ClientSampleId :

CL-02-092717-C

Tot Ion:	252	Resp:	38418
Ion Ratio	Lower	Upper	
252	100		
253	25.9	17.0	25.6#
125	16.9	9.0	13.6#

Manual Integrations
APPROVED

Sohil
10/2/2017 5:44:17 PM



#89

Benzo(a)pyrene

Concen: 2.345 ng/mL

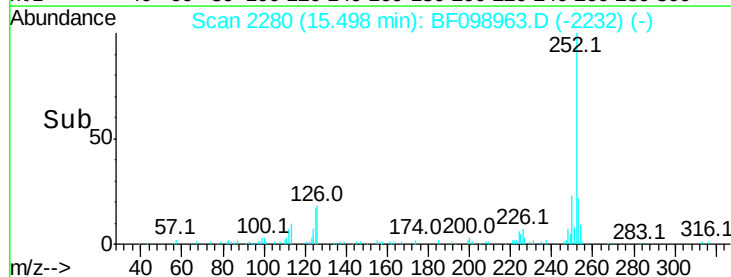
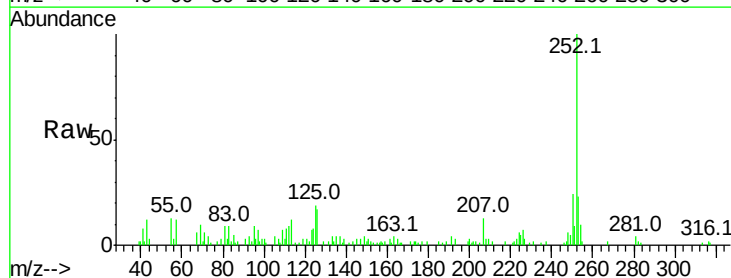
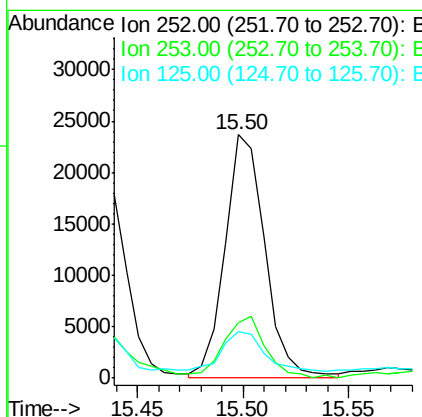
RT: 15.50 min Scan# 2280

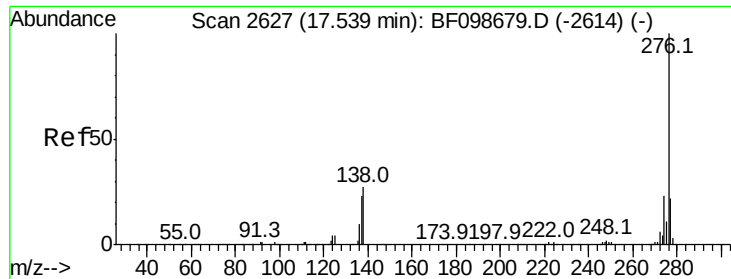
Delta R.T. -0.02 min

Lab File: BF098963.D

Acq: 30 Sep 2017 15:27

Tgt Ion:	252	Resp:	31056
Ion Ratio	Lower	Upper	
252	100		
253	22.9	17.1	25.7
125	19.2	9.8	14.6#





#91
 Benzo(a,h,i)perylene
 Concen: 2.313 ng
 RT: 17.52 min Scan# 2624
 Delta R.T. -0.02 min
 Lab File: BF098963.D
 Acq: 30 Sep 2017 15:27

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-092717-C

Tot Ion:	276	Resp:	24235
Ion Ratio	Lower	Upper	
276	100		
277	22.5	17.9	26.9
138	36.5	21.8	32.8

Manual Integrations
 APPROVED

Sohil
 10/2/2017 5:44:17 PM

