

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092817\
 Data File : BF098931.D
 Acq On : 29 Sep 2017 2:40
 Operator : SJ/JU
 Sample : I5487-04 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

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

Manual Integrations
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Sohil
 9/29/2017 6:04:54 PM

Quant Time: Sep 29 03:57:13 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	117256	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	424846	20.00	ng	0.00
38) Acenaphthene-d10	9.95	164	152041	20.00	ng	-0.01
63) Phenanthrene-d10	11.44	188	244368	20.00	ng	0.00
75) Chrysene-d12	14.08	240	239287	20.00	ng	0.00
86) Perylene-d12	15.58	264	176461	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	127412	17.30	ng	-0.01
7) Phenol-d6	6.53	99	138119	15.20	ng	-0.02
23) Nitrobenzene-d5	7.47	82	77228	11.66	ng	-0.02
41) 2,4,6-Tribromophenol	10.74	330	15488	12.45	ng	-0.01
44) 2-Fluorobiphenyl	9.27	172	130710	14.35	ng	-0.01
78) Terphenyl-d14	13.02	244	104878	9.97	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.66	163	23310	2.031	ng	97
70) Phenanthrene	11.46	178	60194	4.602	ng	98
74) Fluoranthene	12.65	202	87133	6.578	ng	100
77) Pyrene	12.89	202	100966	5.533	ng	99
80) Benzo(a)anthracene	14.07	228	43730	3.018	ng	97
82) Chrysene	14.10	228	40325	2.923	ng	98
87) Benzo(b)fluoranthene	15.13	252	37778m	3.482	ng	
89) Benzo(a)pyrene	15.51	252	29092	2.921	ng	# 84
91) Benzo(g,h,i)perylene	17.55	276	16059	2.038	ng	# 86

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

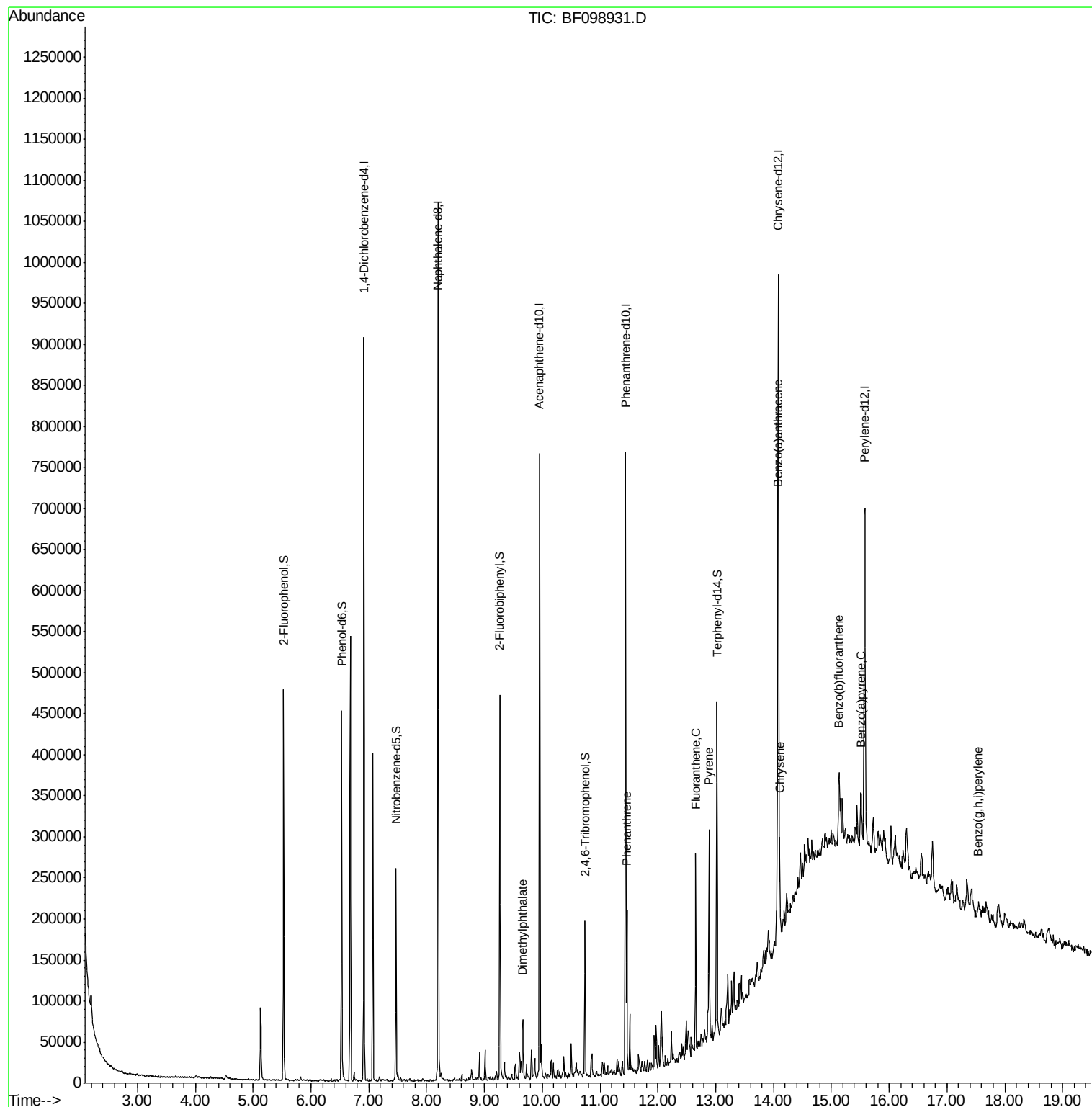
Data Path : Z:\HPCHEM1\BNA F\DATA\BF092817\
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Sample : I5487-04 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

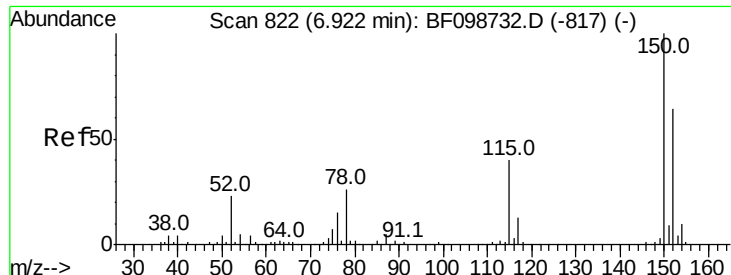
Instrument :
BNA_F
ClientSampleId :
CL-02-092717-B

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#1

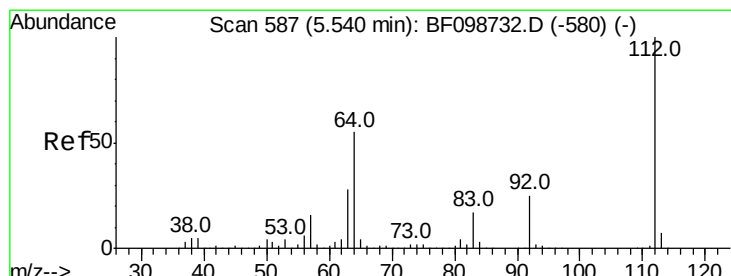
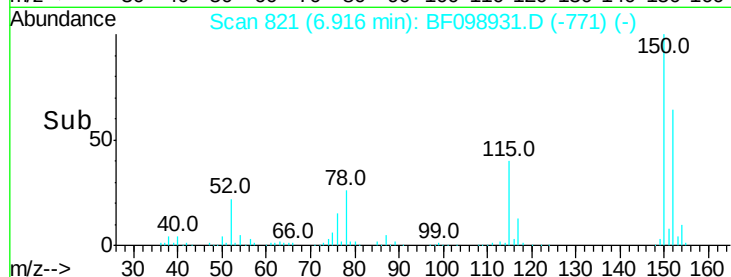
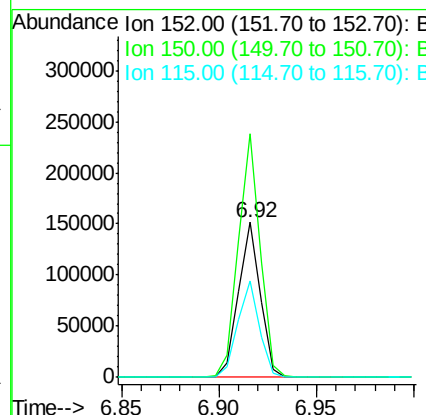
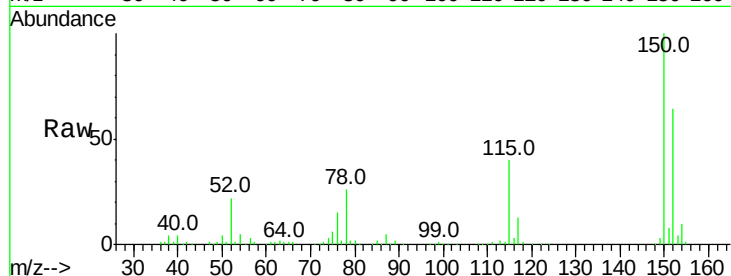
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF098931.D
Acq: 29 Sep 2017 2:40

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.4	124.6	186.8
115	62.4	50.1	75.1

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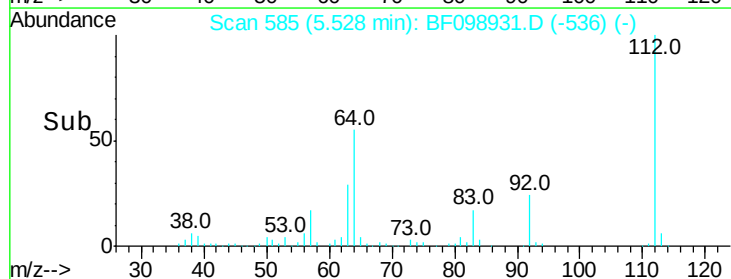
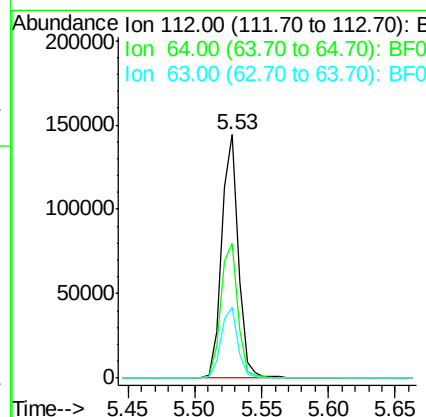
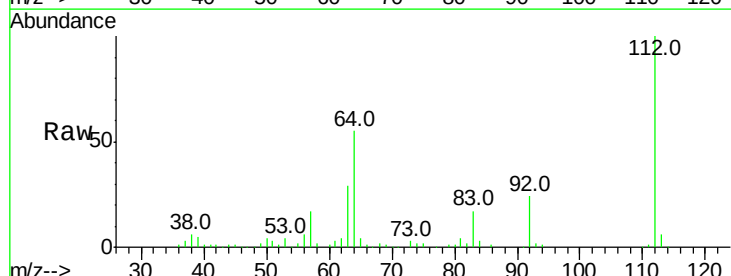
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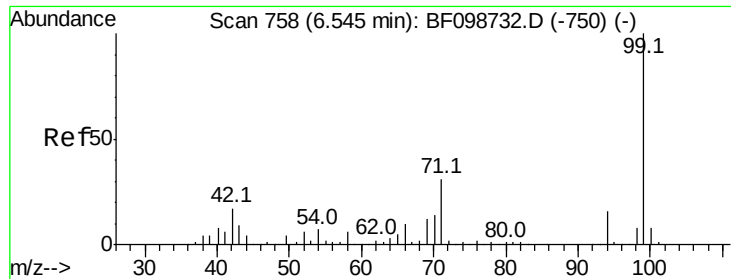


#5

2-Fluorophenol
Concen: 17.298 ng
RT: 5.53 min Scan# 585
Delta R.T. -0.01 min
Lab File: BF098931.D
Acq: 29 Sep 2017 2:40

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.5	47.9	71.9
63	28.9	23.7	35.5





#7

Phenol-d6

Concen: 15.200 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.02 min

Lab File: BF098931.D

Acq: 29 Sep 2017 2:40

Instrument :

BNA_F

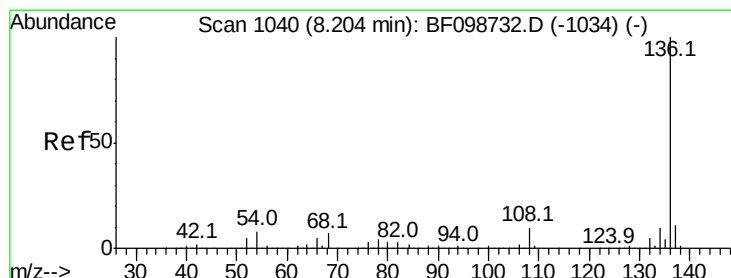
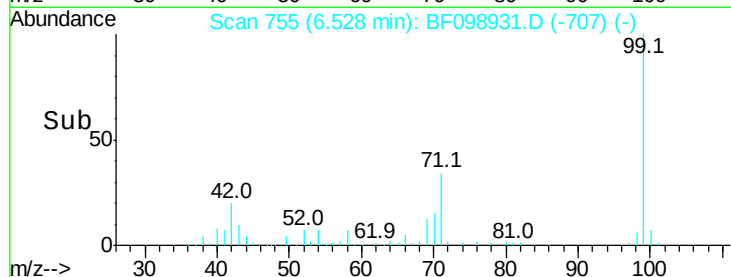
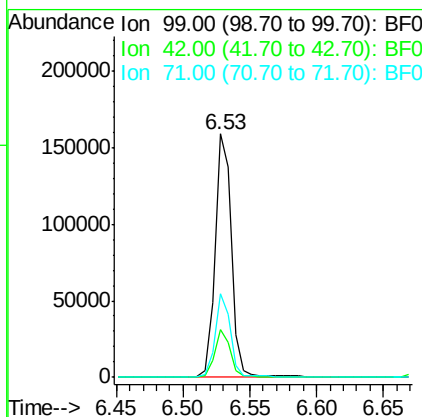
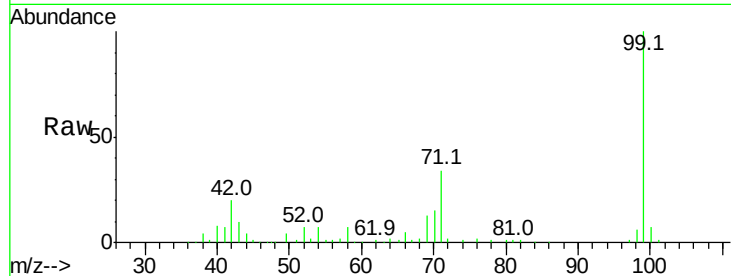
ClientSampleId :

CL-02-092717-B

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		138119		
42	19.7	14.5	21.7		
71	34.3	25.4	38.0		

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#21

Naphthalene-d8

Concen: 20.000 ng

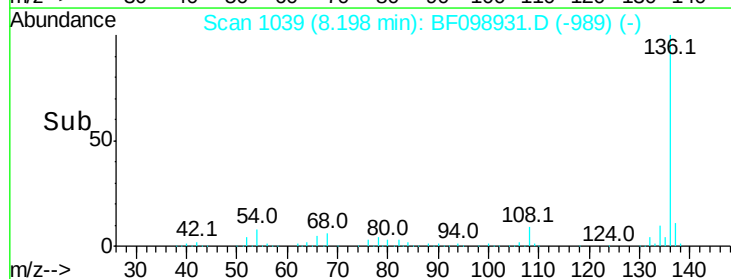
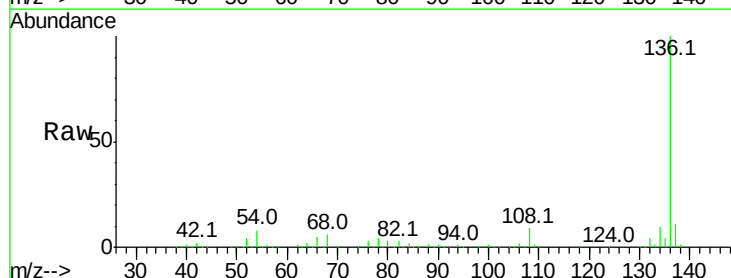
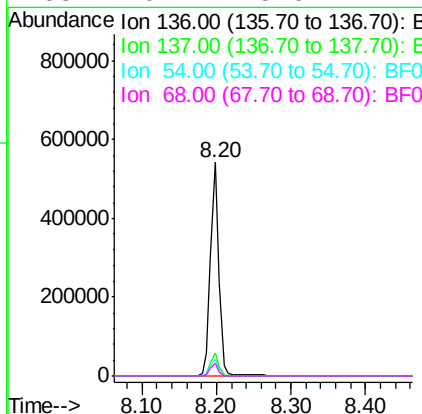
RT: 8.20 min Scan# 1039

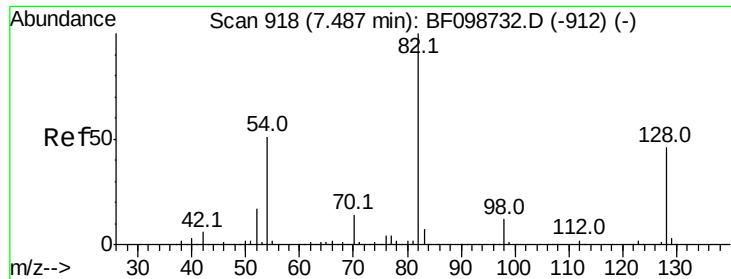
Delta R.T. -0.01 min

Lab File: BF098931.D

Acq: 29 Sep 2017 2:40

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		424846		
137	10.8	8.9	13.3		
54	7.6	6.6	9.8		
68	6.1	5.0	7.4		





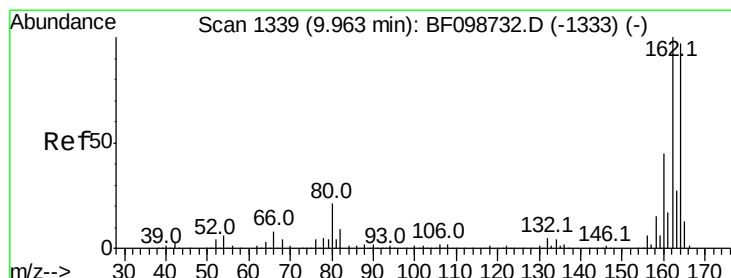
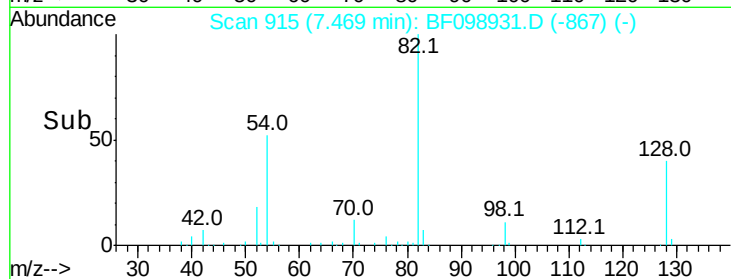
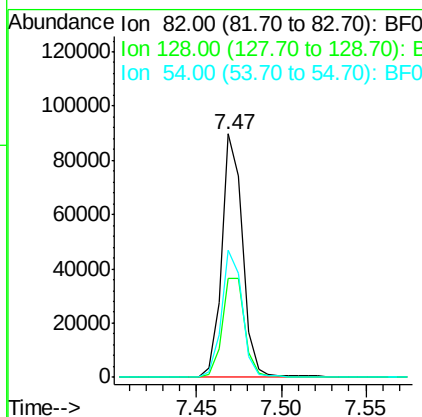
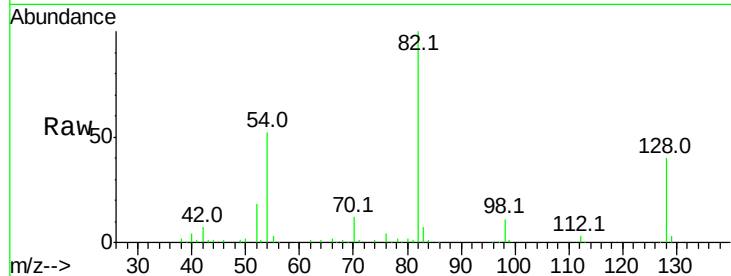
#23
 Nitrobenzene-d5
 Concen: 11.658 ng
 RT: 7.47 min Scan# 915
 Delta R.T. -0.02 min
 Lab File: BF098931.D
 Acq: 29 Sep 2017 2:40

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

Tot Ion	82	Resp	77228
Ion Ratio	100	Lower	Upper
128	40.5	36.1	54.1
54	52.1	41.4	62.2

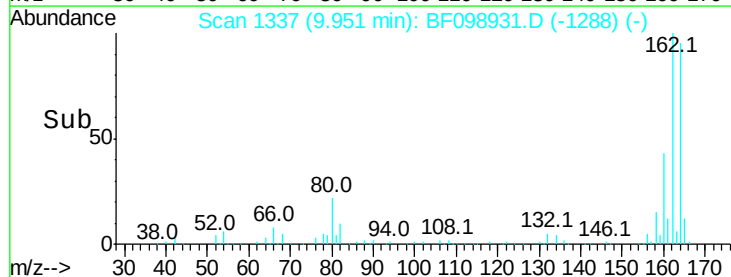
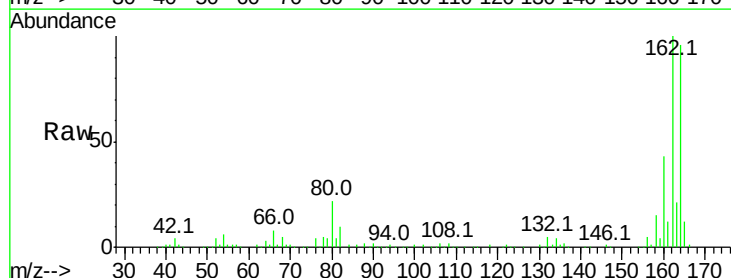
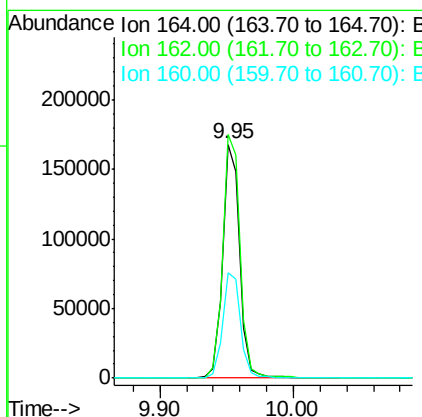
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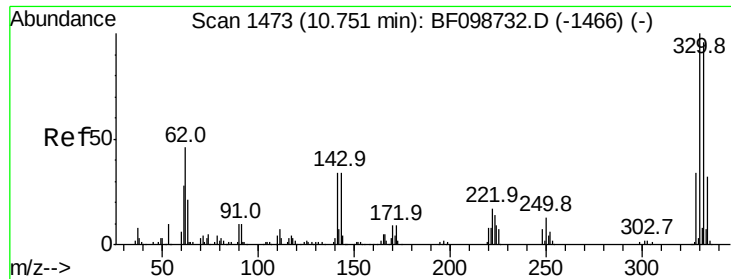
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.95 min Scan# 1337
 Delta R.T. -0.01 min
 Lab File: BF098931.D
 Acq: 29 Sep 2017 2:40

Tgt Ion	164	Resp	152041
Ion Ratio	100	Lower	Upper
162	104.1	86.1	129.1
160	44.9	38.3	57.5





#41

2,4,6-Tribromophenol

Concen: 12.449 ng

RT: 10.74 min Scan# 1471

Delta R.T. -0.01 min

Lab File: BF098931.D

Acq: 29 Sep 2017 2:40

Instrument :

BNA_F

ClientSampleId :

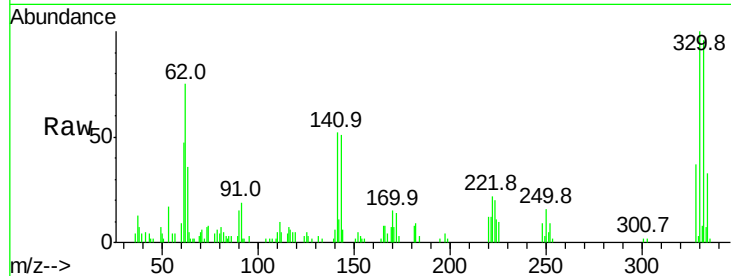
CL-02-092717-B

Tot Ion:	330	Resp:	15488
Ion Ratio	Lower	Upper	
330	100		
332	98.1	77.0	115.6
141	51.5	29.9	44.9#

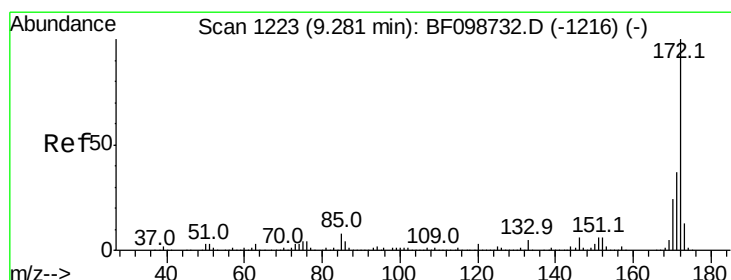
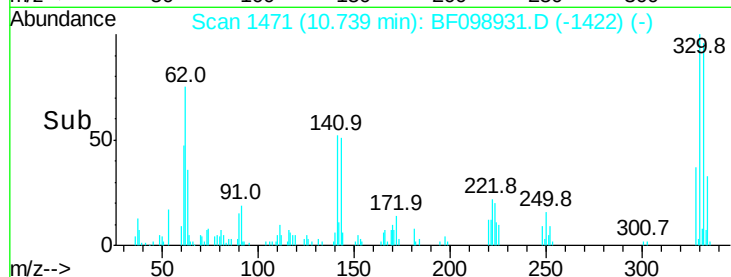
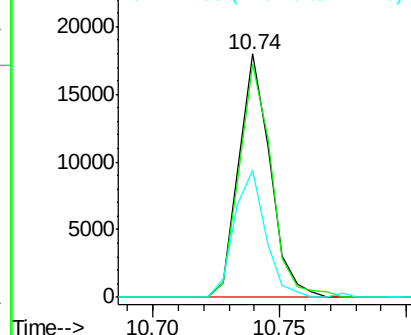
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Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



#44

2-Fluorobiphenyl

Concen: 14.352 ng

RT: 9.27 min Scan# 1221

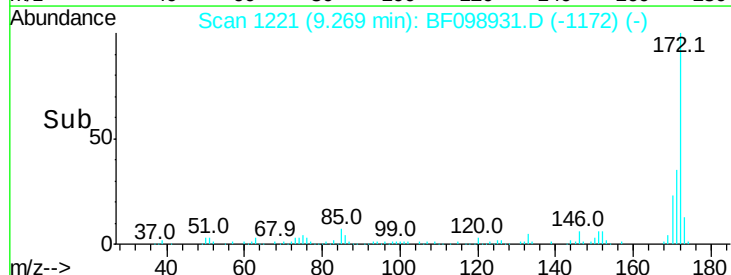
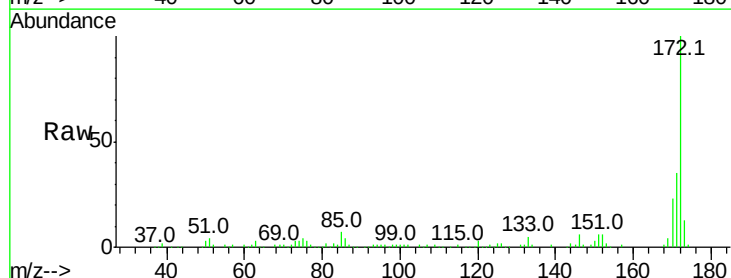
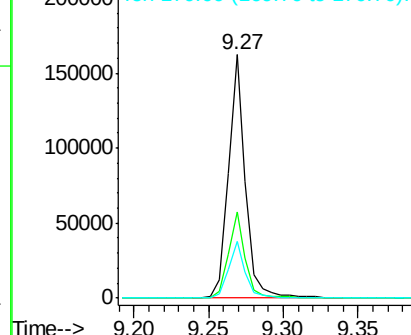
Delta R.T. -0.01 min

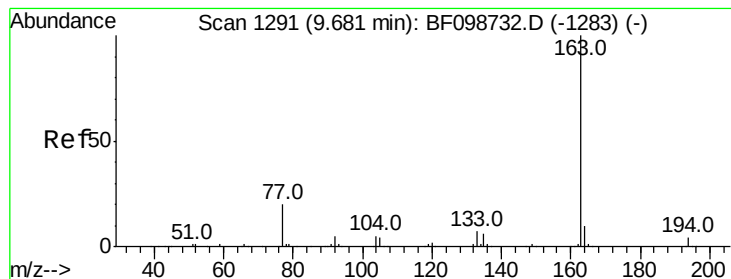
Lab File: BF098931.D

Acq: 29 Sep 2017 2:40

Tgt Ion:	172	Resp:	130710
Ion Ratio	Lower	Upper	
172	100		
171	35.3	29.7	44.5
170	23.1	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: 2.031 ng

RT: 9.66 min Scan# 1288

Delta R.T. -0.02 min

Lab File: BF098931.D

Acq: 29 Sep 2017 2:40

Instrument :

BNA_F

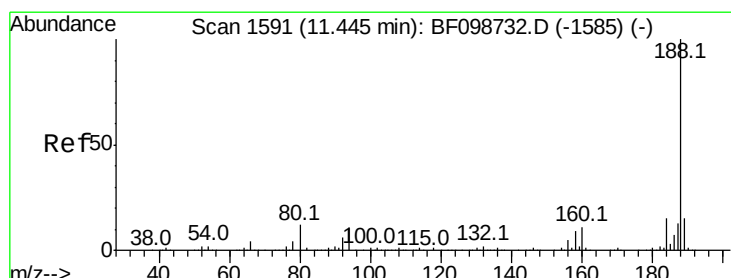
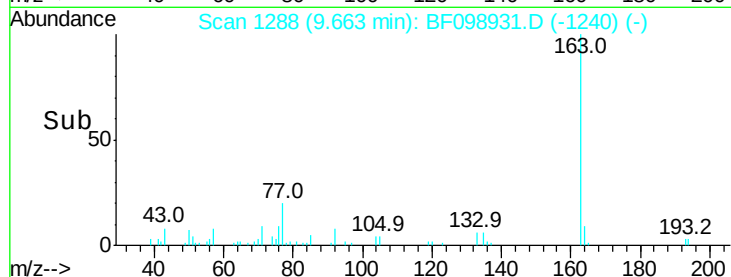
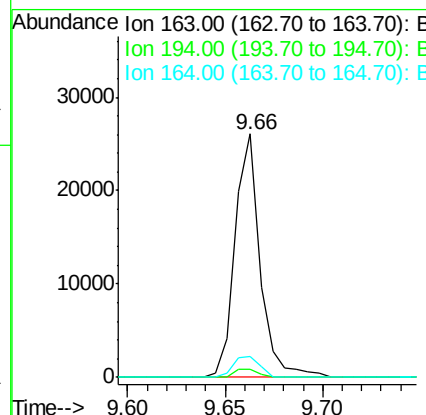
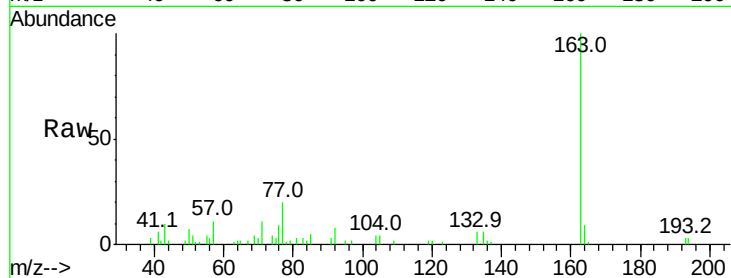
ClientSampleId :

CL-02-092717-B

Tot Ion:	163	Resp:	23310
Ion Ratio	Lower	Upper	
163	100		
194	3.4	2.7	4.1
164	8.7	8.2	12.2

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#63

Phenanthrene-d10

Concen: 20.000 ng

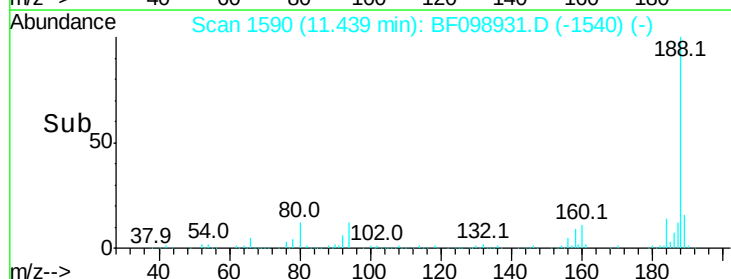
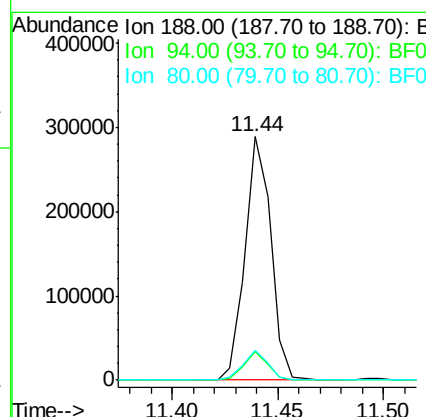
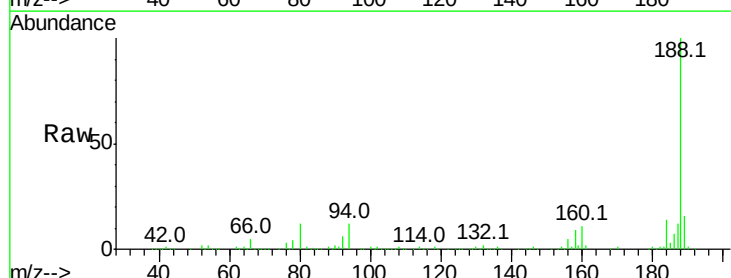
RT: 11.44 min Scan# 1590

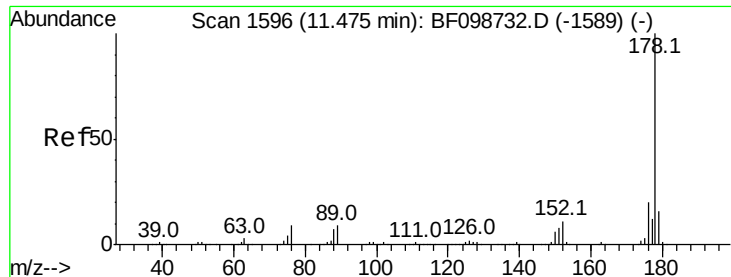
Delta R.T. -0.01 min

Lab File: BF098931.D

Acq: 29 Sep 2017 2:40

Tgt Ion:	188	Resp:	244368
Ion Ratio	Lower	Upper	
188	100		
94	11.8	8.5	12.7
80	12.0	9.2	13.8





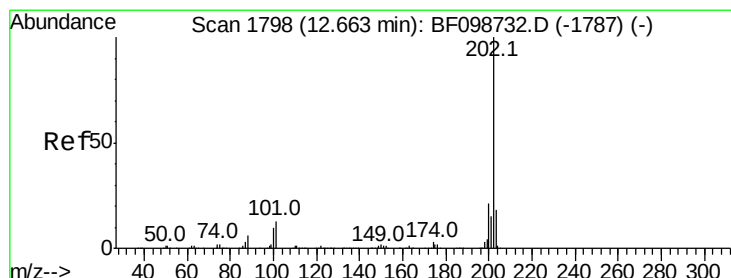
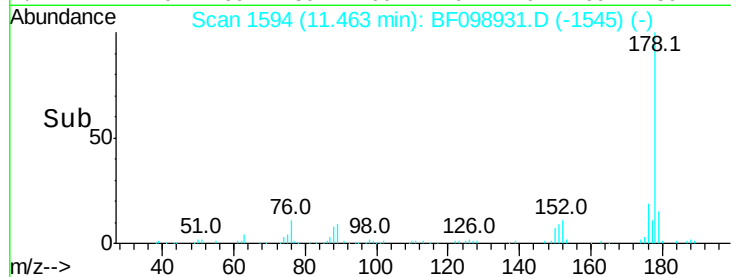
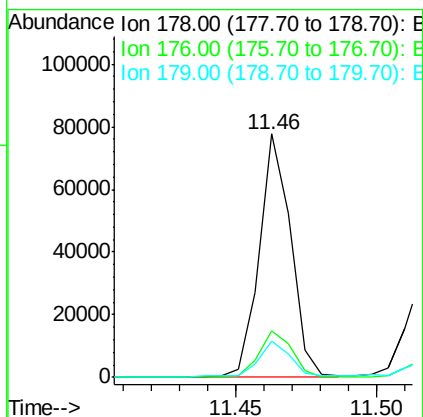
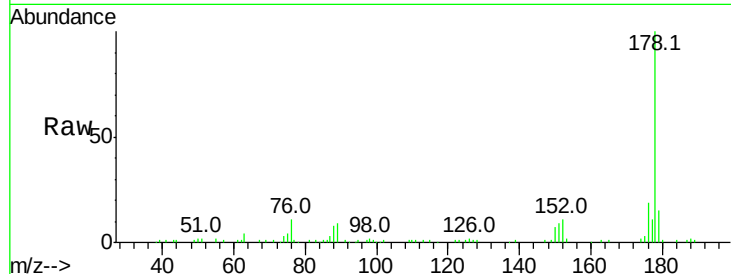
#70
Phenanthrene
Concen: 4.602 ng
RT: 11.46 min Scan# 1594
Delta R.T. -0.01 min
Lab File: BF098931.D
Acq: 29 Sep 2017 2:40

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

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.8	23.8
179	14.9	13.0	19.6

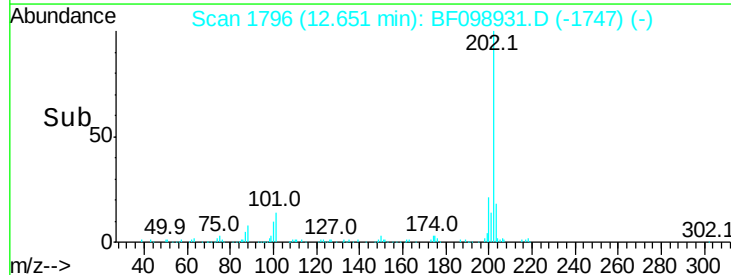
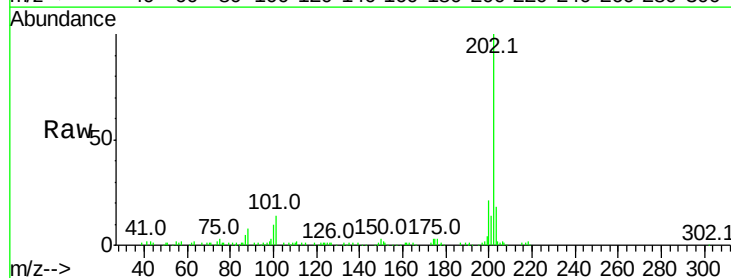
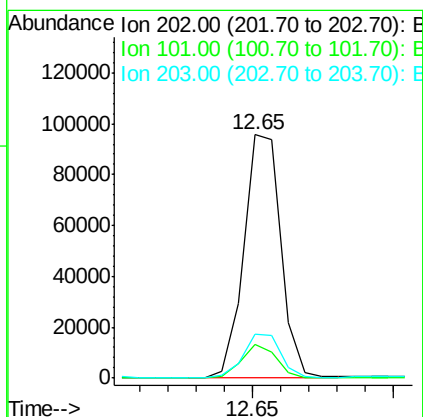
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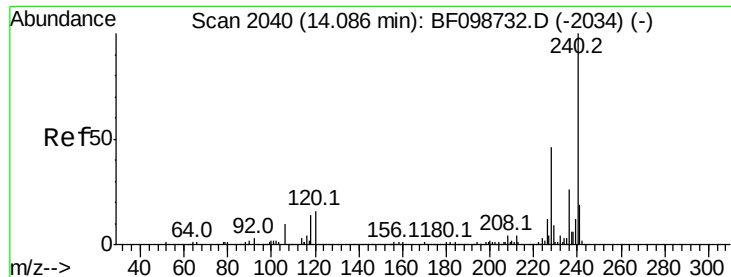
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#74
Fluoranthene
Concen: 6.578 ng
RT: 12.65 min Scan# 1796
Delta R.T. -0.01 min
Lab File: BF098931.D
Acq: 29 Sep 2017 2:40

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.1	0.0	34.1
203	18.0	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.08 min Scan# 2039

Delta R.T. -0.01 min

Lab File: BF098931.D

Acq: 29 Sep 2017 2:40

Instrument :

BNA_F

ClientSampled :

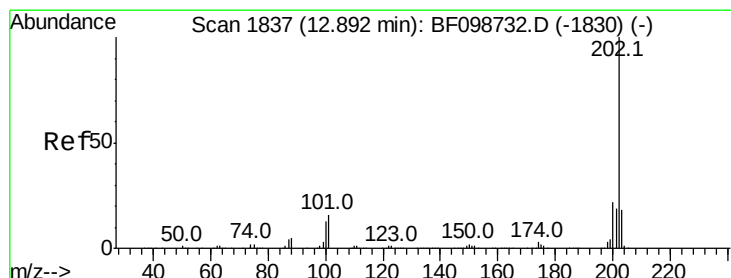
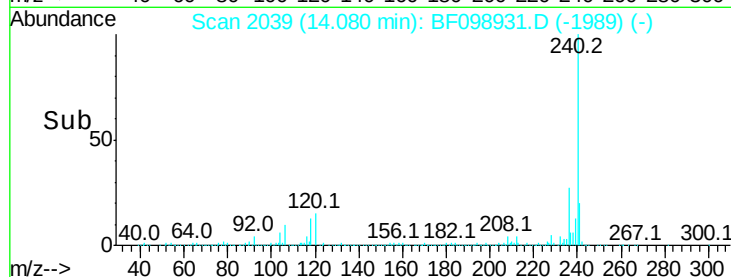
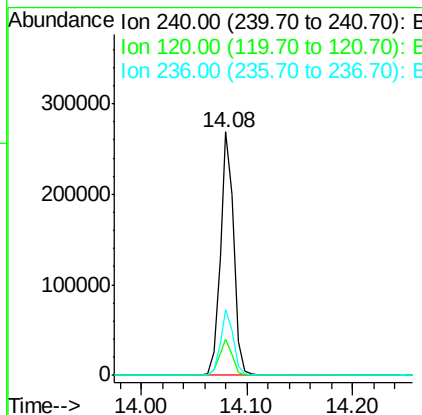
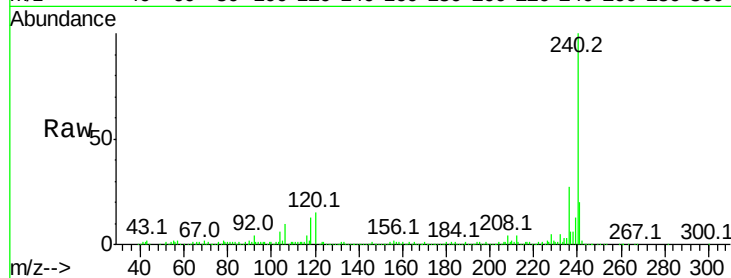
CL-02-092717-B

Tot Ion:	240	Resp:	239287
Ion Ratio	Lower	Upper	
240	100		
120	14.7	9.5	14.3#
236	27.2	20.7	31.1

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#77

Pyrene

Concen: 5.533 ng

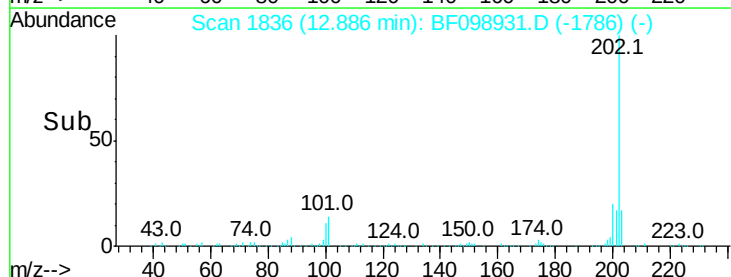
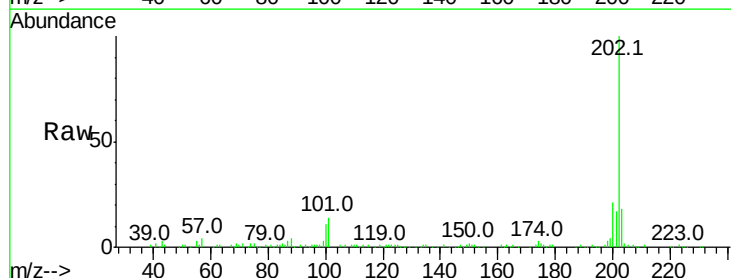
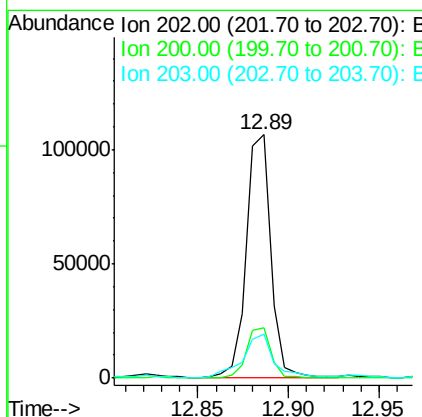
RT: 12.89 min Scan# 1836

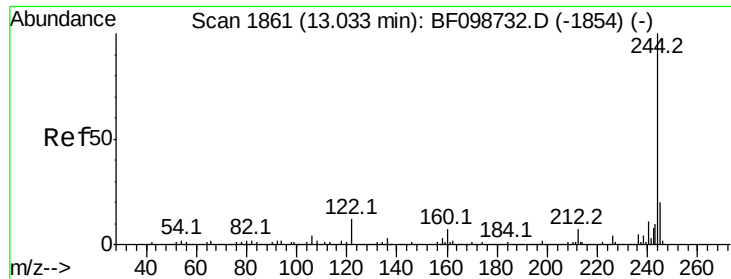
Delta R.T. -0.01 min

Lab File: BF098931.D

Acq: 29 Sep 2017 2:40

Tgt Ion:	202	Resp:	100966
Ion Ratio	Lower	Upper	
202	100		
200	20.6	17.4	26.2
203	17.9	14.3	21.5





#78

Terphenyl-d14

Concen: 9.968 ng

RT: 13.02 min Scan# 1859

Delta R.T. -0.01 min

Lab File: BF098931.D

Acq: 29 Sep 2017 2:40

Instrument :

BNA_F

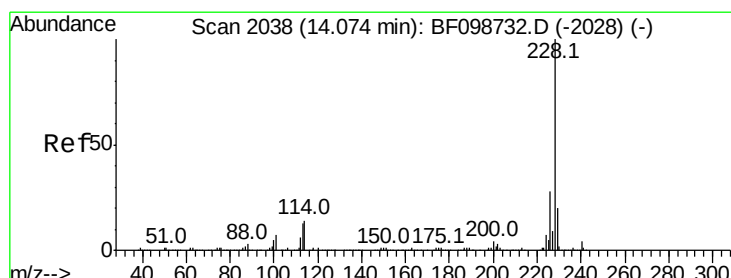
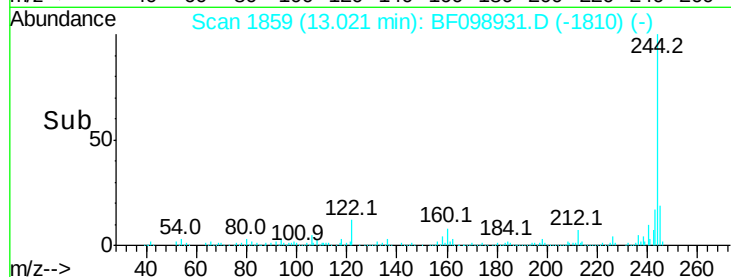
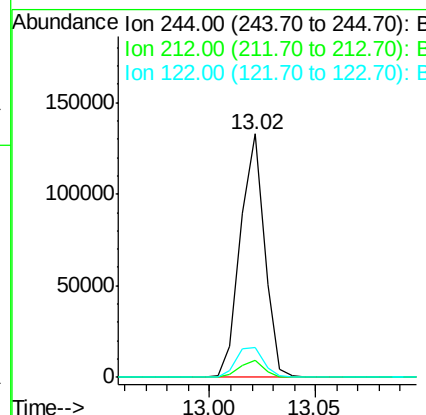
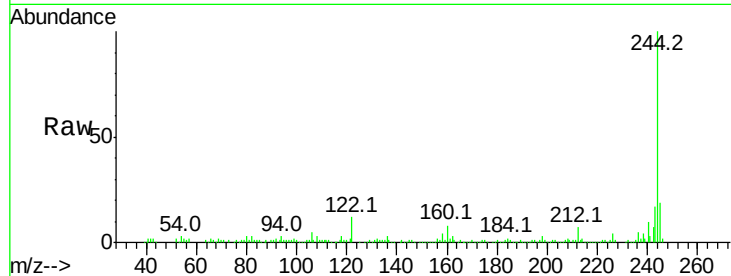
ClientSampled :

CL-02-092717-B

Tot Ion:	244	Resp:	104878
Ion Ratio	Lower	Upper	
244	100		
212	7.0	5.4	8.0
122	12.5	11.0	16.4

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#80

Benzo(a)anthracene

Concen: 3.018 ng

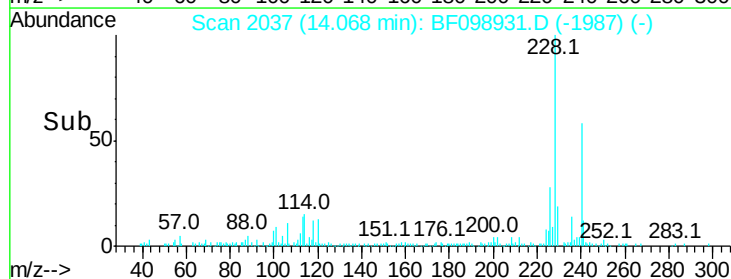
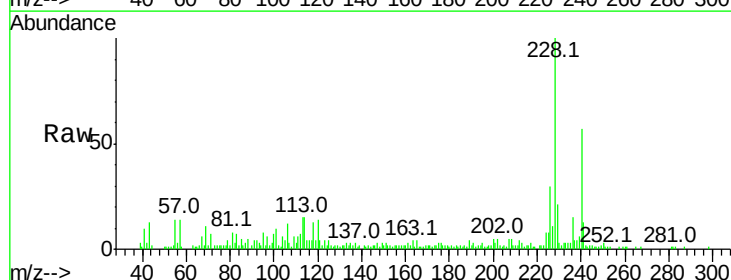
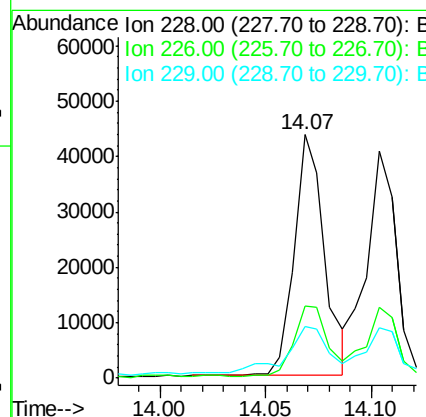
RT: 14.07 min Scan# 2037

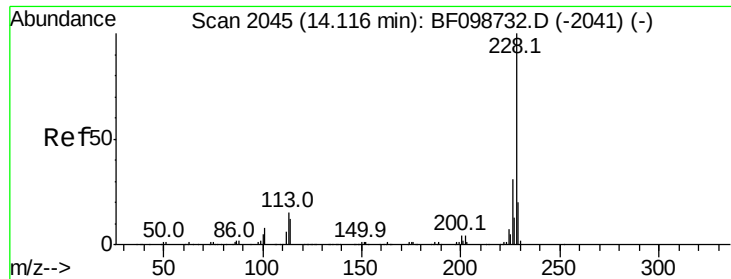
Delta R.T. -0.01 min

Lab File: BF098931.D

Acq: 29 Sep 2017 2:40

Tgt Ion:	228	Resp:	43730
Ion Ratio	Lower	Upper	
228	100		
226	29.6	22.6	33.8
229	21.4	15.8	23.6





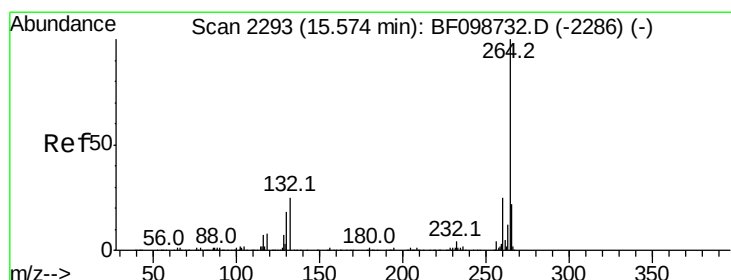
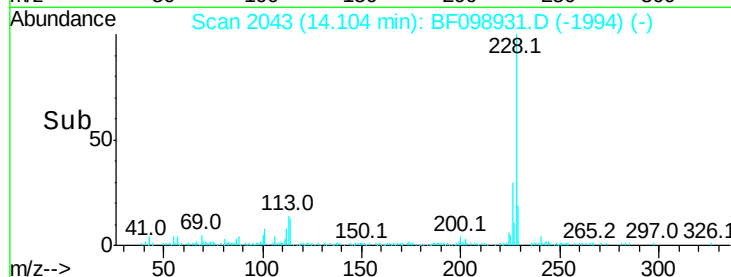
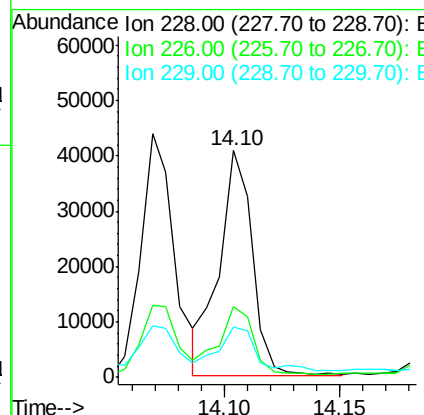
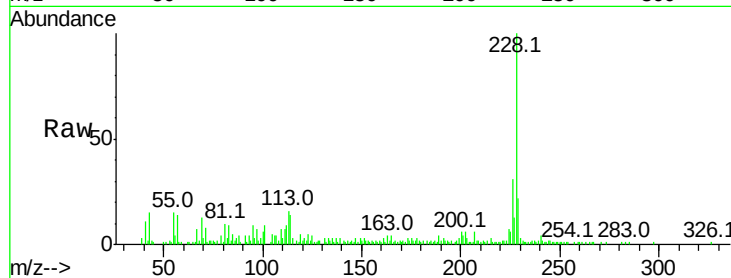
#82
Chrysene
Concen: 2.923 ng
RT: 14.10 min Scan# 2043
Delta R.T. -0.01 min
Lab File: BF098931.D
Acq: 29 Sep 2017 2:40

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

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.2	25.0	37.6
229	22.4	16.2	24.4

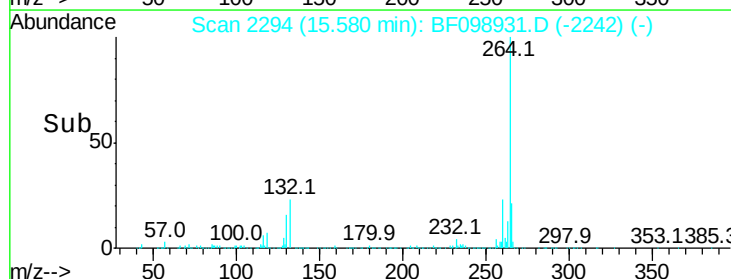
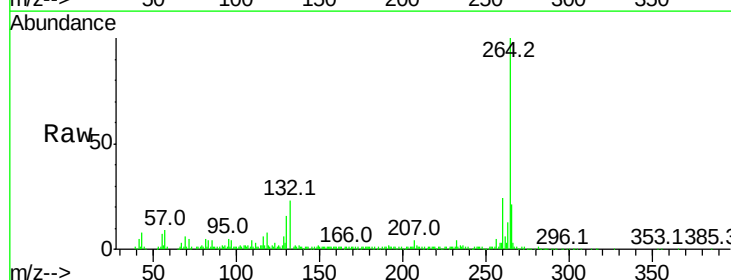
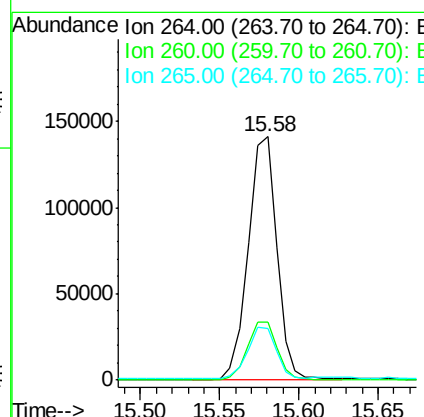
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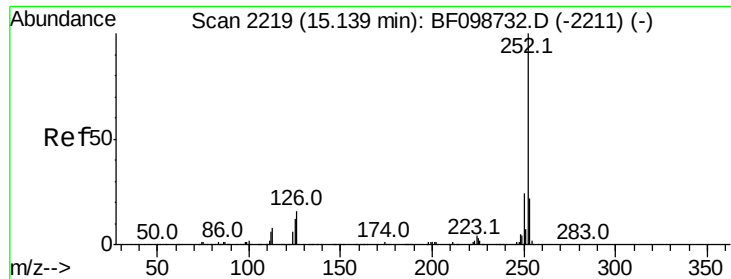
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.58 min Scan# 2294
Delta R.T. 0.01 min
Lab File: BF098931.D
Acq: 29 Sep 2017 2:40

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.2	17.5	26.3





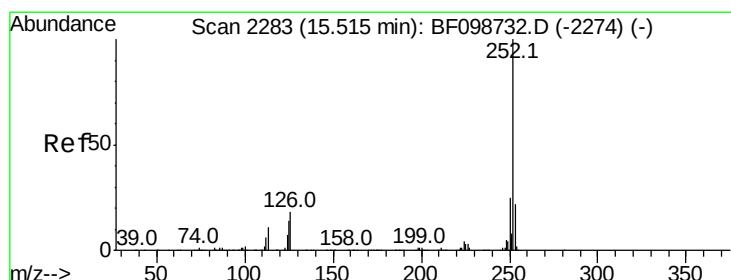
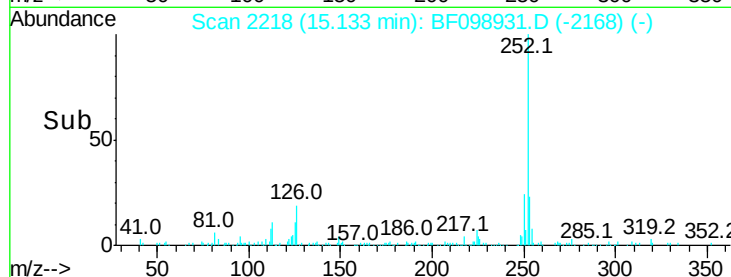
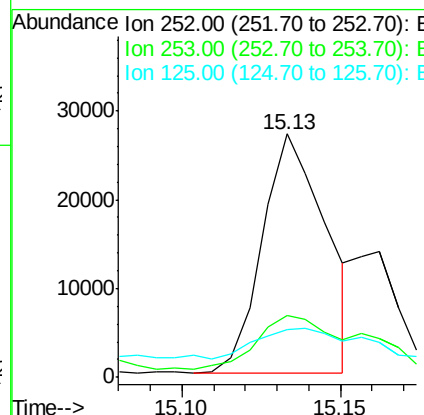
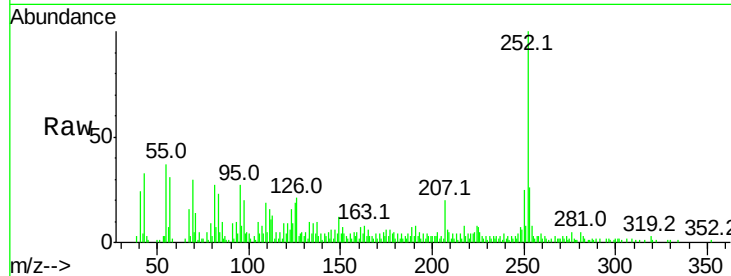
#87
Benzo(b)fluoranthene
Concen: 3.482 ng m
RT: 15.13 min Scan# 2218
Delta R.T. -0.01 min
Lab File: BF098931.D
Acq: 29 Sep 2017 2:40

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

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.7	17.0	25.6#
125	19.4	9.0	13.6#

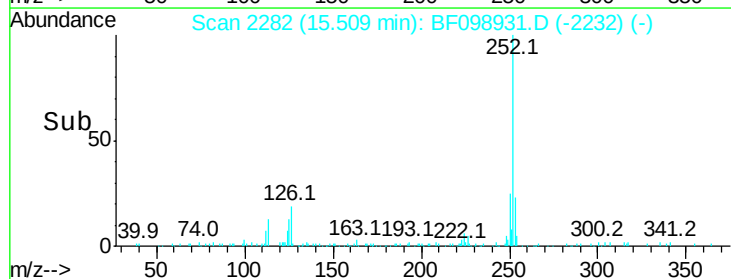
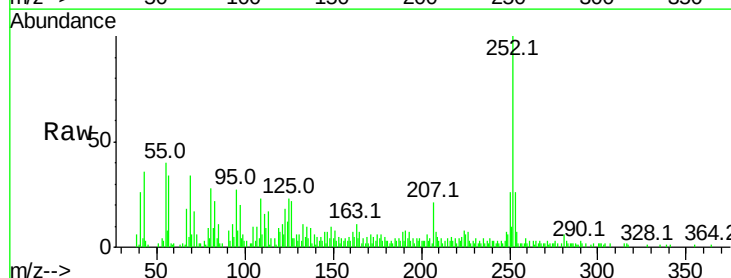
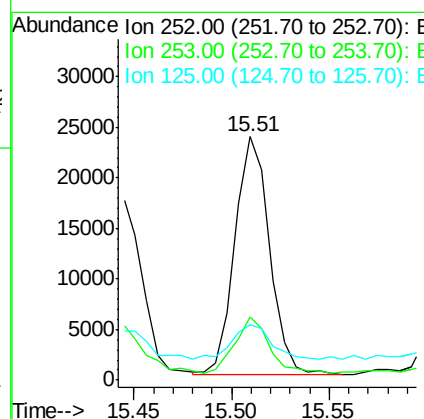
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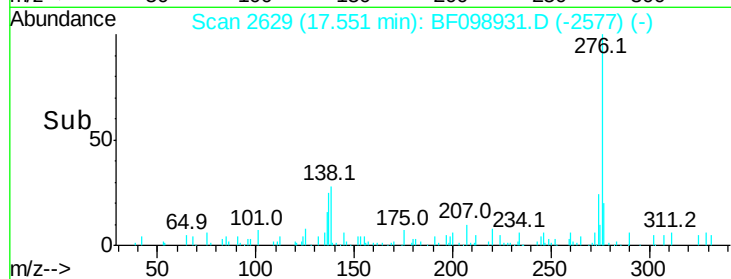
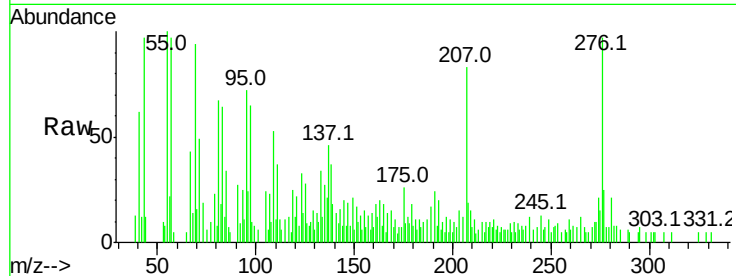
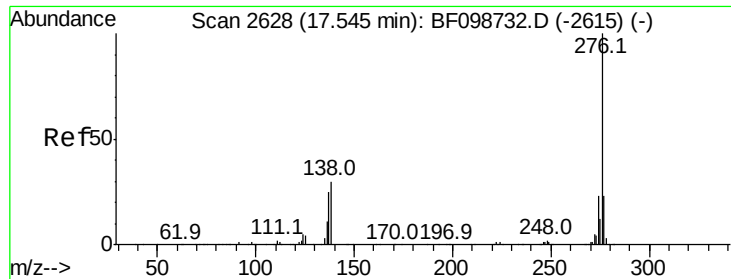
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#89
Benzo(a)pyrene
Concen: 2.921 ng
RT: 15.51 min Scan# 2282
Delta R.T. -0.01 min
Lab File: BF098931.D
Acq: 29 Sep 2017 2:40

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.9	17.1	25.7#
125	22.6	9.8	14.6#





#91

Benzo(a,h,i)perylene

Concen: 2.038 ng

RT: 17.55 min Scan# 2629

Delta R.T. 0.01 min

Lab File: BF098931.D

Acq: 29 Sep 2017 2:40

Instrument :

BNA_F

ClientSampleId :

CL-02-092717-B

Tot Ion:	276	Resp:	16059
Ion Ratio	Lower	Upper	
276	100		
277	25.6	17.9	26.9
138	37.7	21.8	32.8#

Manual Integrations
APPROVED

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