

Data Path : Z:\HPCHEM1\BNA F\DATA\BF073117\
 Data File : BF097216.D
 Acq On : 31 Jul 2017 19:05
 Operator : SJ/JU
 Sample : I4488-13
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-072717-E

Manual Integrations
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Sohil
 8/1/2017 5:44:46 PM

Quant Time: Aug 01 04:55:28 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 25 14:11:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.48	152	124359	20.00	ng	-0.02
21) Naphthalene-d8	7.76	136	535527	20.00	ng	-0.02
38) Acenaphthene-d10	9.51	164	242018	20.00	ng	-0.02
63) Phenanthrene-d10	10.99	188	329514	20.00	ng	-0.02
75) Chrysene-d12	13.61	240	258939	20.00	ng	-0.02
86) Perylene-d12	14.96	264	219418	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.09	112	757263	91.80	ng	0.00
7) Phenol-d6	6.16	99	929545	98.70	ng	-0.01
23) Nitrobenzene-d5	7.05	82	595892	65.28	ng	-0.02
41) 2,4,6-Tribromophenol	10.30	330	154785	80.95	ng	-0.02
44) 2-Fluorobiphenyl	8.85	172	798166	55.97	ng	-0.02
78) Terphenyl-d14	12.57	244	563801	44.39	ng	-0.01
Target Compounds						Qvalue
10) Phenol	6.17	94	44036	3.942	ng	95
49) Dimethylphthalate	9.24	163	206113	11.215	ng	99
74) Fluoranthene	12.19	202	59300	3.428	ng	98
77) Pyrene	12.42	202	62984	2.971	ng	99
80) Benzo(a)anthracene	13.60	228	39376m	2.350	ng	
82) Chrysene	13.64	228	39310	2.403	ng	96
87) Benzo(b)fluoranthene	14.60	252	60620m	4.596	ng	
89) Benzo(a)pyrene	14.91	252	38525	3.191	ng	# 95
91) Benzo(g,h,i)perylene	16.55	276	25305	2.438	ng	# 93

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

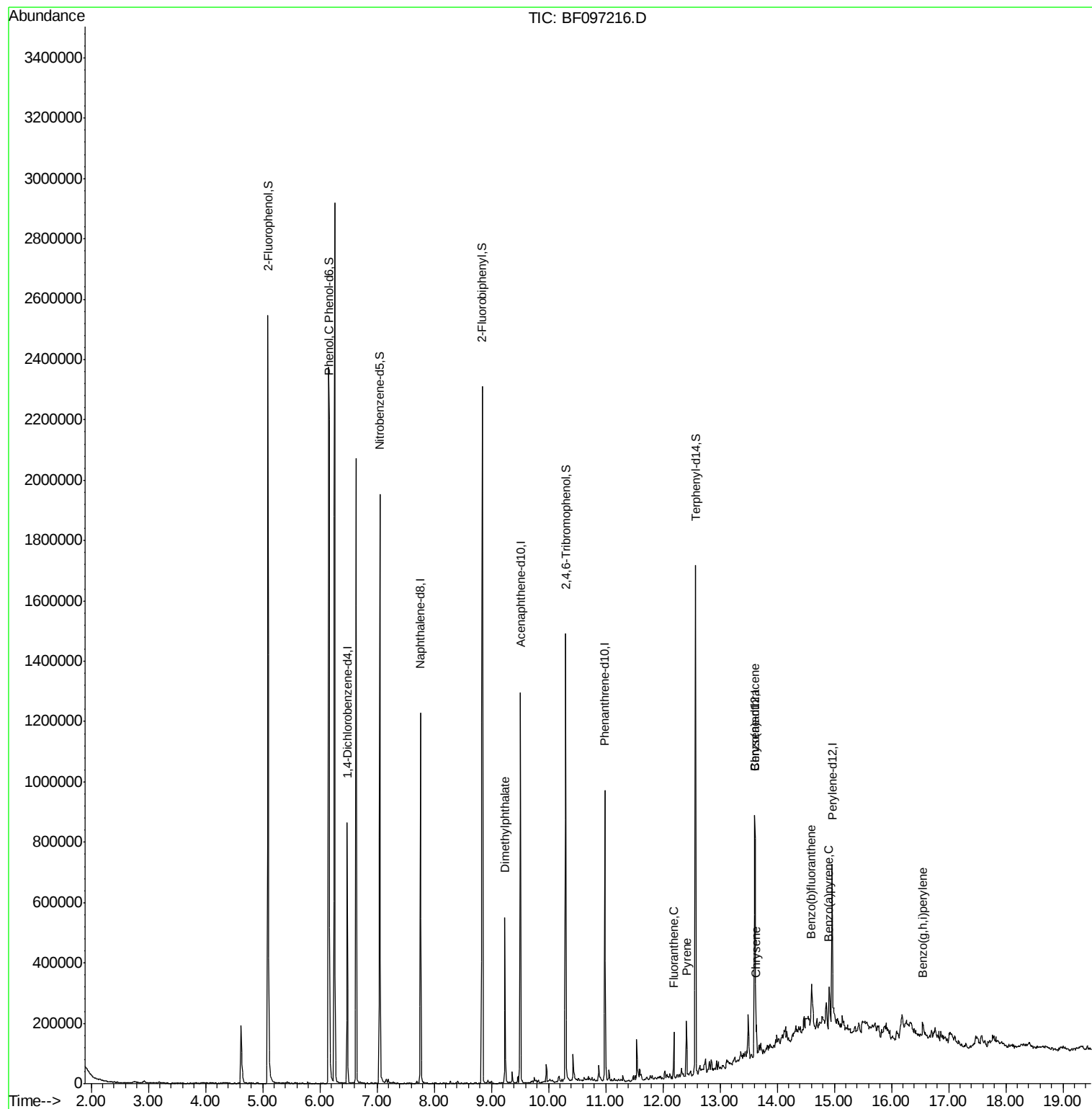
Data Path : Z:\HPCHEM1\BNA F\DATA\BF073117\
Data File : BF097216.D
Acq On : 31 Jul 2017 19:05
Operator : SJ/JU
Sample : I4488-13
Misc :
ALS Vial : 17 Sample Multiplier: 1

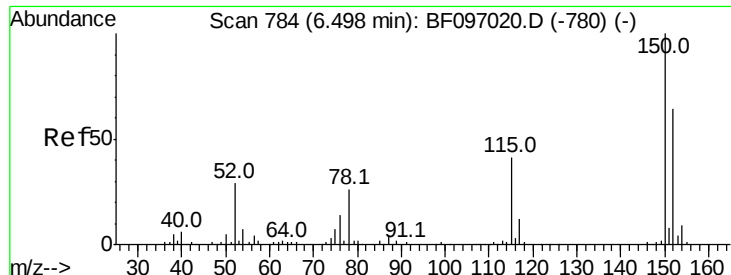
Instrument :
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ClientSampleId :
CL-02-072717-E

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#1

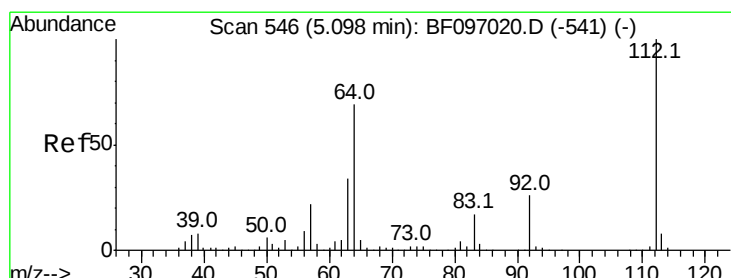
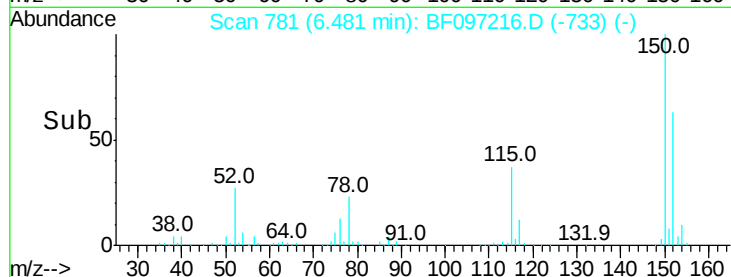
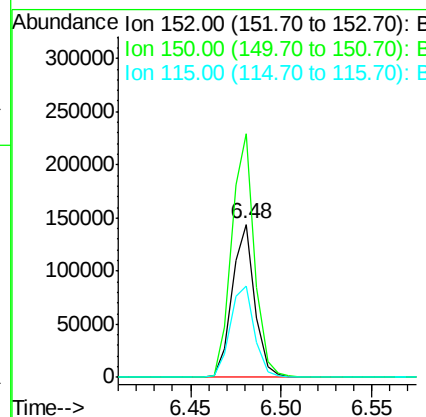
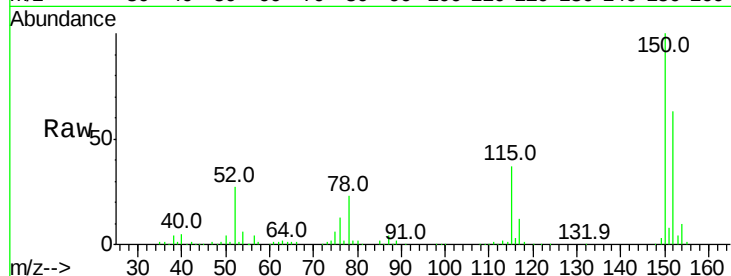
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.48 min Scan# 781
Delta R.T. -0.02 min
Lab File: BF097216.D
Acq: 31 Jul 2017 19:05

Instrument :
BNA_F
ClientSampleId :
CL-02-072717-E

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.2	126.2	189.2
115	59.6	52.2	78.2

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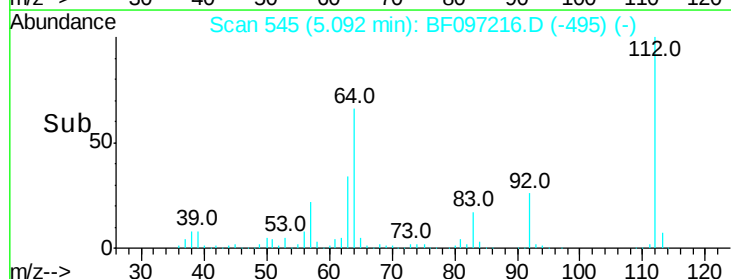
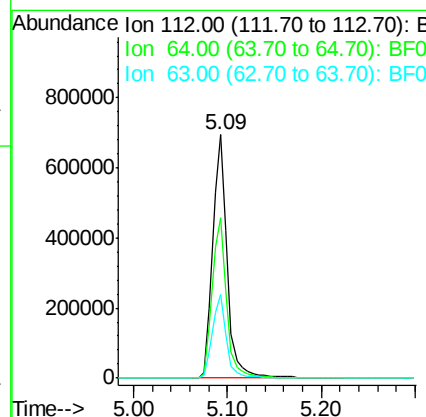
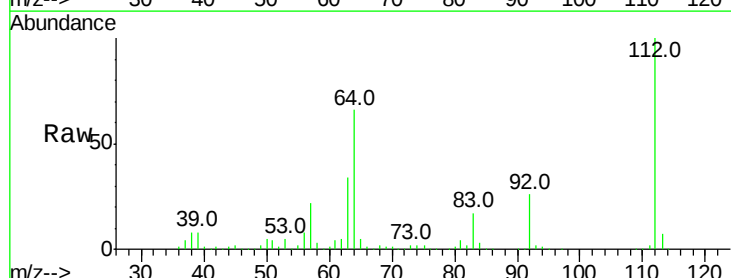
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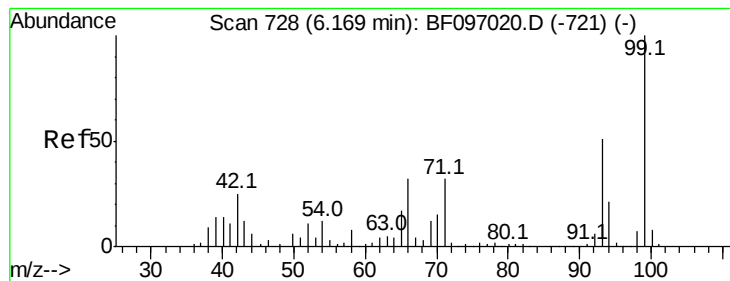


#5

2-Fluorophenol
Concen: 91.796 ng
RT: 5.09 min Scan# 545
Delta R.T. -0.01 min
Lab File: BF097216.D
Acq: 31 Jul 2017 19:05

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.0	46.0	69.0
63	34.4	23.4	35.0





#7

Phenol-d6

Concen: 98.702 ng

RT: 6.16 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF097216.D

Acq: 31 Jul 2017 19:05

Instrument :

BNA_F

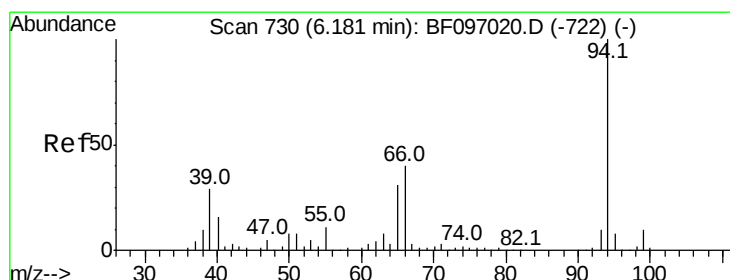
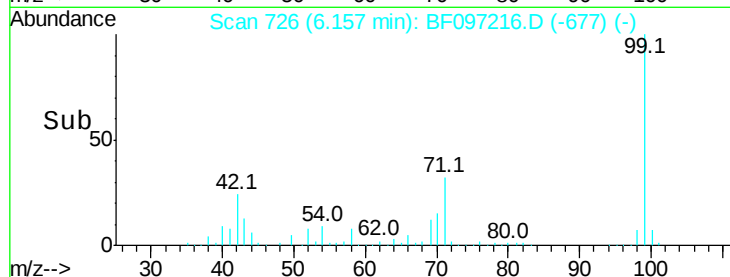
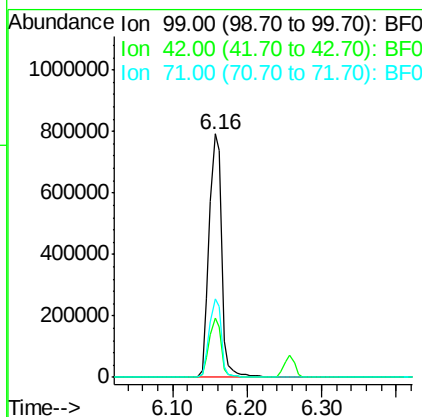
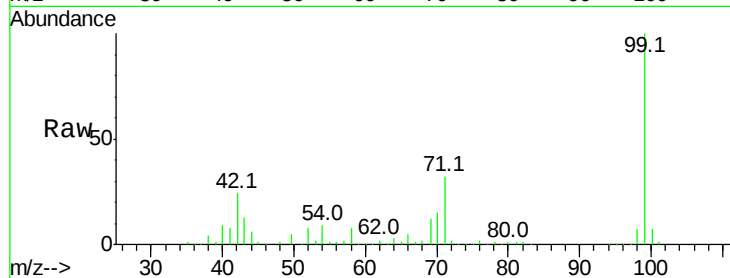
ClientSampleId :

CL-02-072717-E

Tot Ion:	99	Resp:	929545
Ion Ratio	Lower	Upper	
99	100		
42	24.2	13.5	20.3#
71	32.5	24.5	36.7

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#10

Phenol

Concen: 3.942 ng

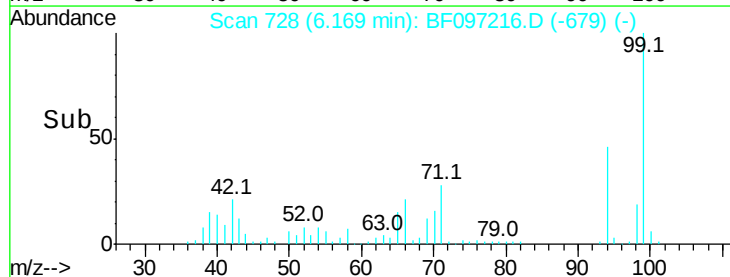
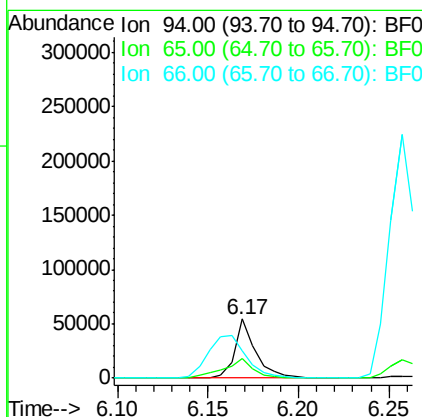
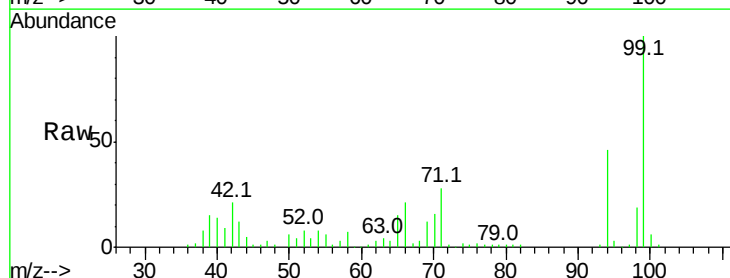
RT: 6.17 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF097216.D

Acq: 31 Jul 2017 19:05

Tgt Ion:	94	Resp:	44036
Ion Ratio	Lower	Upper	
94	100		
65	32.3	9.9	49.9
66	46.6	23.1	63.1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.76 min Scan# 999

Delta R.T. -0.02 min

Lab File: BF097216.D

Acq: 31 Jul 2017 19:05

Instrument :

BNA_F

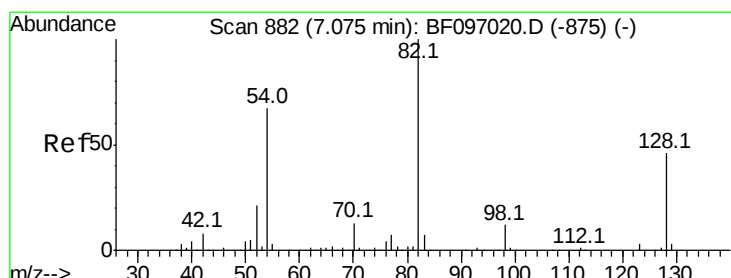
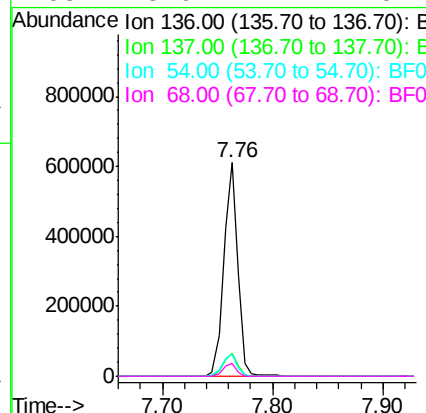
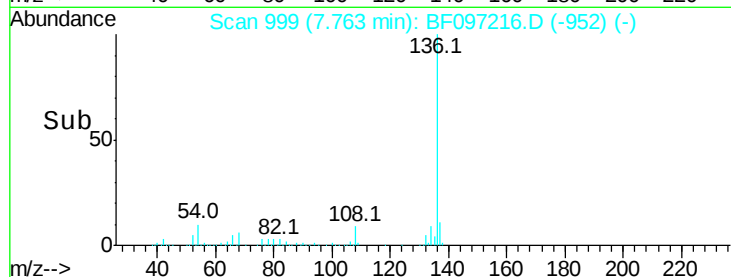
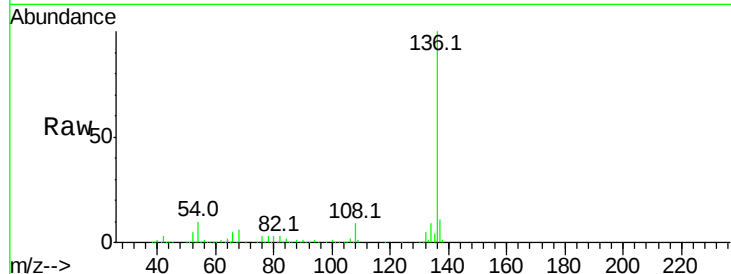
ClientSampleId :

CL-02-072717-E

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	10.8	8.5	12.7
54	10.5	4.9	7.3#
68	5.9	4.1	6.1

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#23

Nitrobenzene-d5

Concen: 65.277 ng

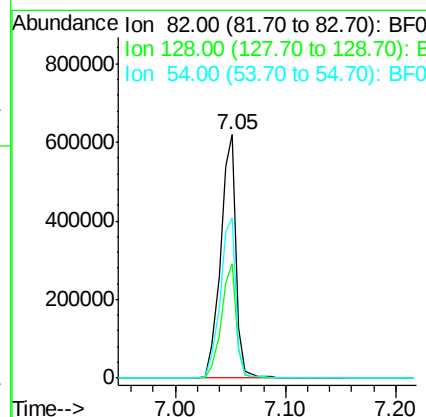
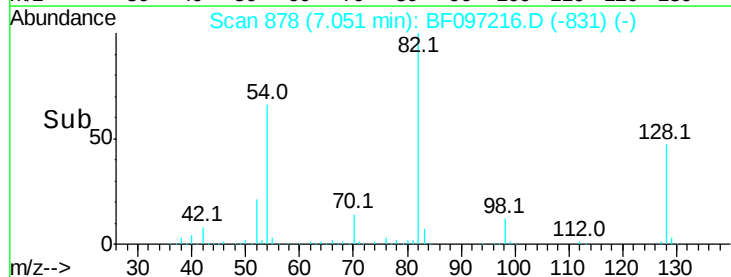
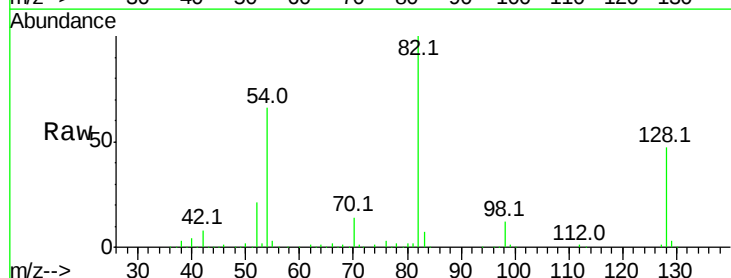
RT: 7.05 min Scan# 878

Delta R.T. -0.02 min

Lab File: BF097216.D

Acq: 31 Jul 2017 19:05

Tgt Ion	Ratio	Resp Lower	Upper
82	100		
128	46.9	34.0	51.0
54	65.8	42.2	63.2#





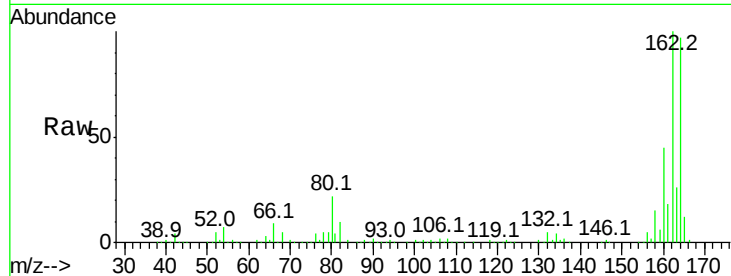
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.51 min Scan# 1296
 Delta R.T. -0.02 min
 Lab File: BF097216.D
 Acq: 31 Jul 2017 19:05

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-072717-E

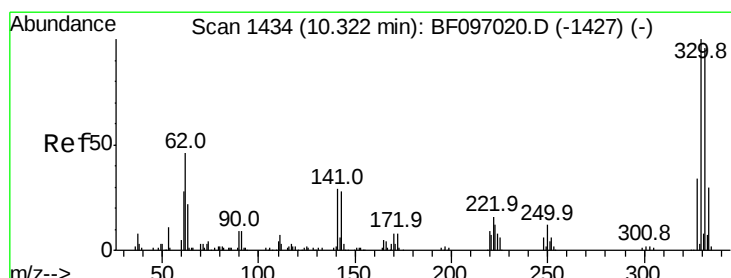
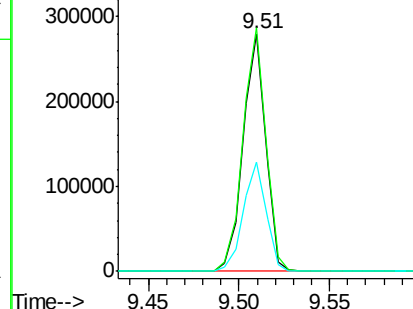
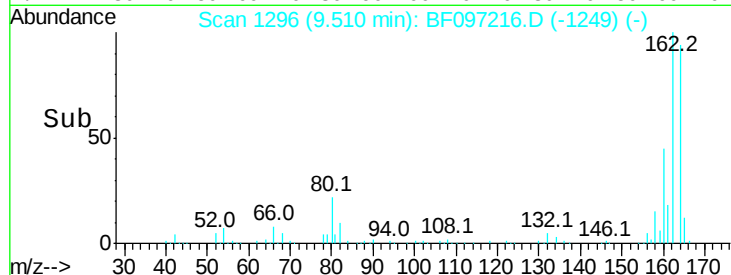
Tot Ion	Ratio	Resp	Lower	Upper
164	100	242018		
162	102.6	82.6	123.8	
160	45.9	36.2	54.2	

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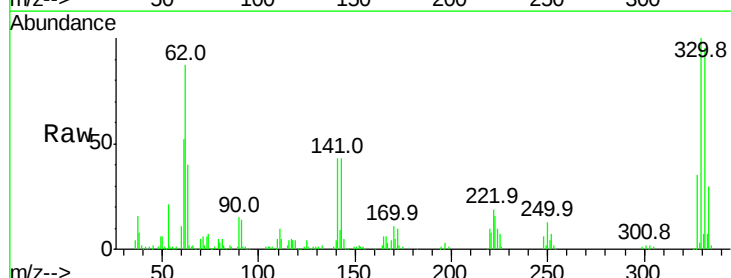


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

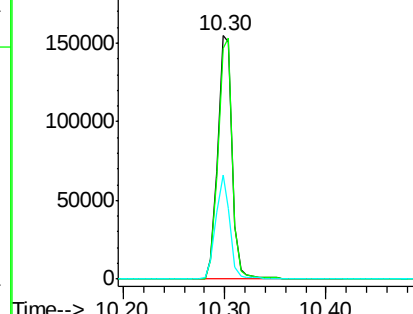
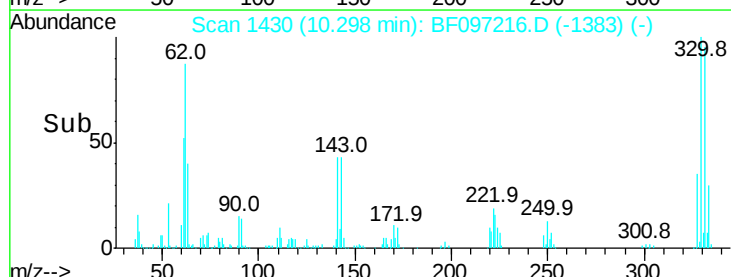


#41
 2,4,6-Tribromophenol
 Concen: 80.947 ng
 RT: 10.30 min Scan# 1430
 Delta R.T. -0.02 min
 Lab File: BF097216.D
 Acq: 31 Jul 2017 19:05

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	154785		
332	97.2	76.6	115.0	
141	41.2	31.4	47.2	



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





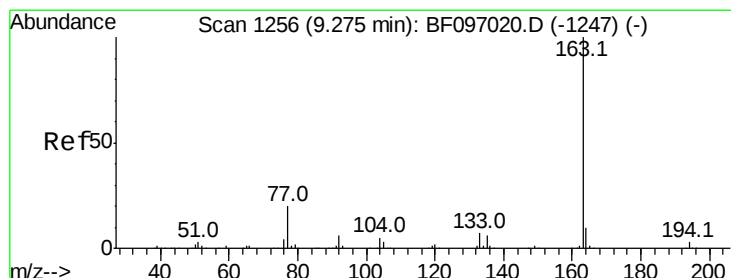
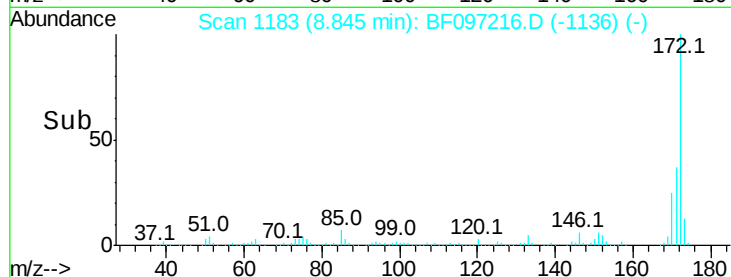
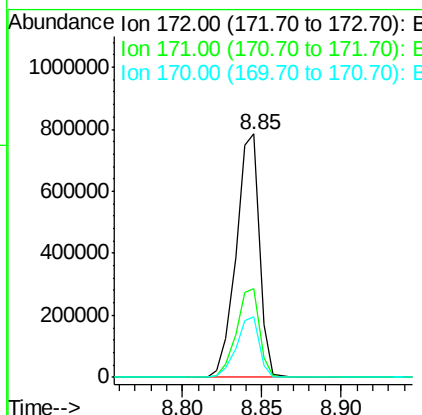
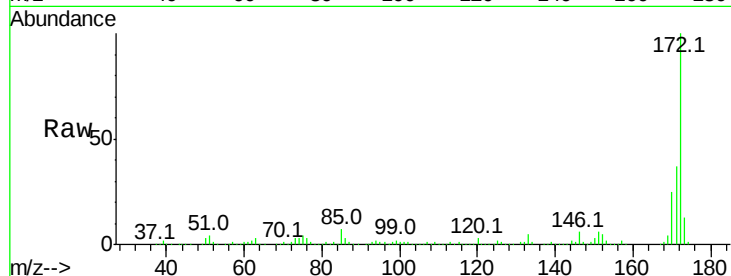
#44
2-Fluorobiphenyl
Concen: 55.970 ng
RT: 8.85 min Scan# 1183
Delta R.T. -0.02 min
Lab File: BF097216.D
Acq: 31 Jul 2017 19:05

Instrument :
BNA_F
ClientSampleId :
CL-02-072717-E

Tot Ion	Ratio	Resp Lower	Upper
172	100		
171	36.7	29.6	44.4
170	24.6	19.8	29.8

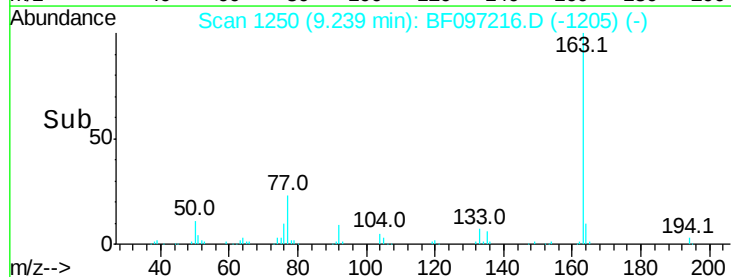
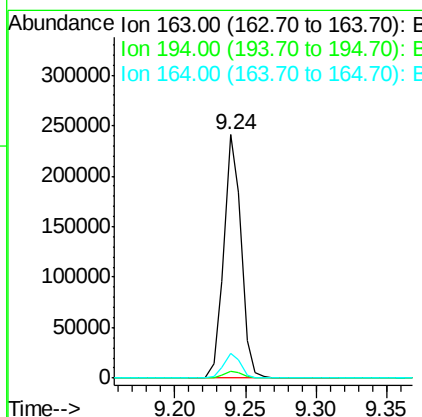
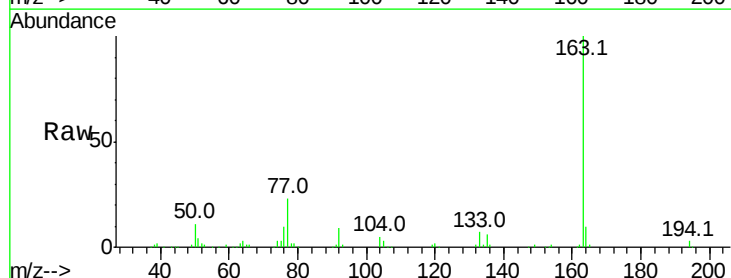
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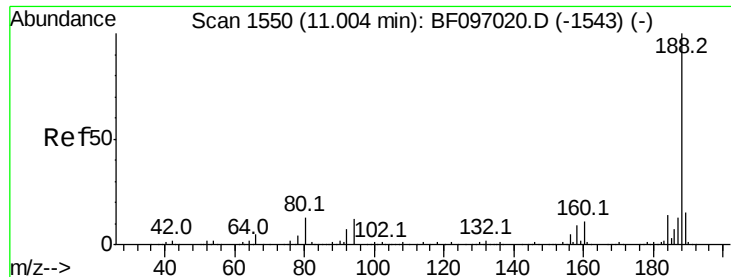
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#49
Dimethylphthalate
Concen: 11.215 ng
RT: 9.24 min Scan# 1250
Delta R.T. -0.04 min
Lab File: BF097216.D
Acq: 31 Jul 2017 19:05

Tgt Ion	Ratio	Resp Lower	Upper
163	100		
194	3.0	2.6	4.0
164	10.0	8.4	12.6





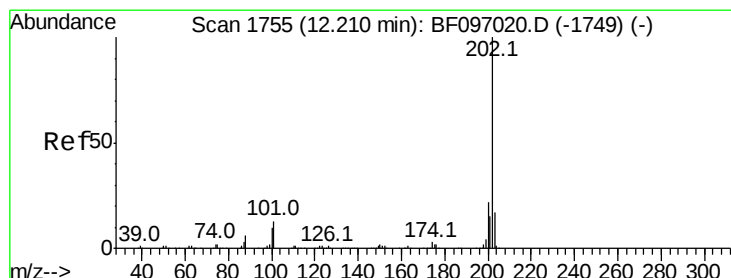
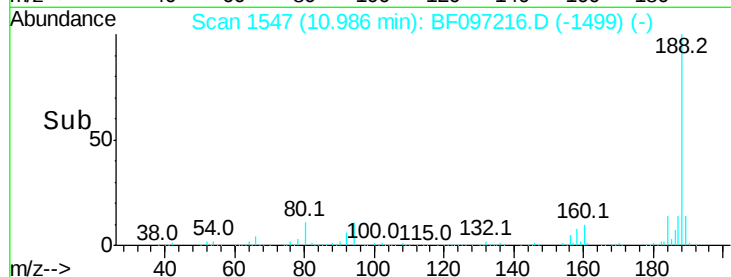
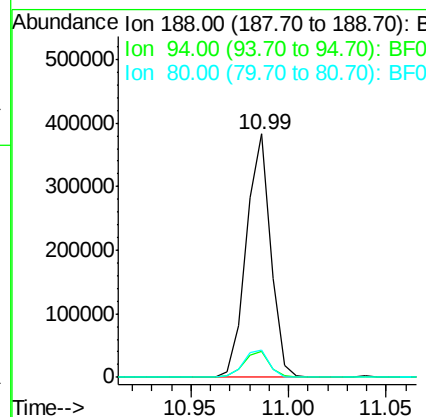
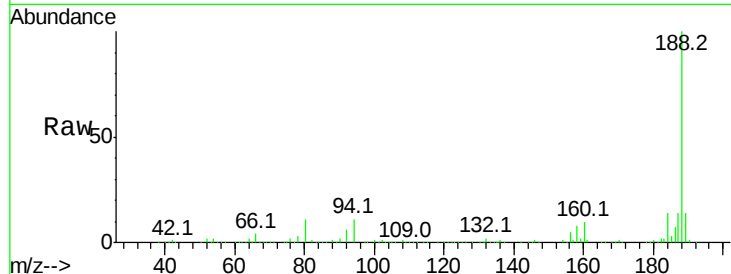
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 10.99 min Scan# 1547
Delta R.T. -0.02 min
Lab File: BF097216.D
Acq: 31 Jul 2017 19:05

Instrument :
BNA_F
ClientSampleId :
CL-02-072717-E

Tot Ion	Ratio	Resp	Lower	Upper
188	100	329514		
94	10.6		9.4	14.2
80	11.0		10.2	15.2

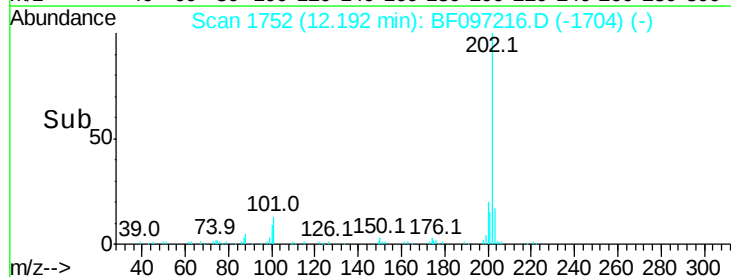
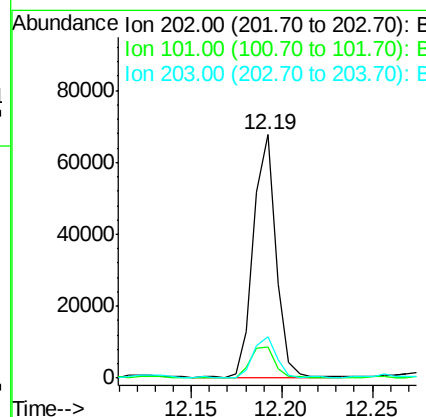
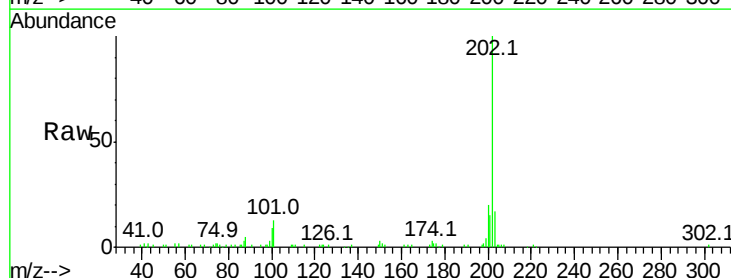
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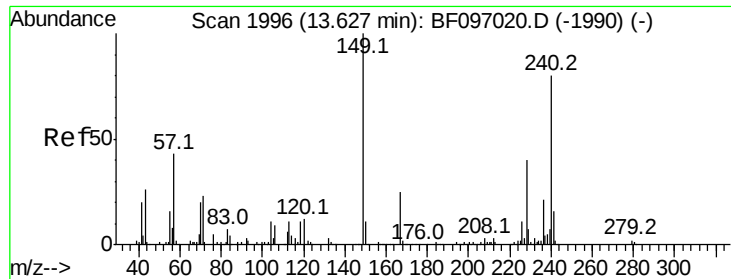
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#74
Fluoranthene
Concen: 3.428 ng
RT: 12.19 min Scan# 1752
Delta R.T. -0.02 min
Lab File: BF097216.D
Acq: 31 Jul 2017 19:05

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	59300		
101	13.0		0.0	33.2
203	17.1		0.0	38.1





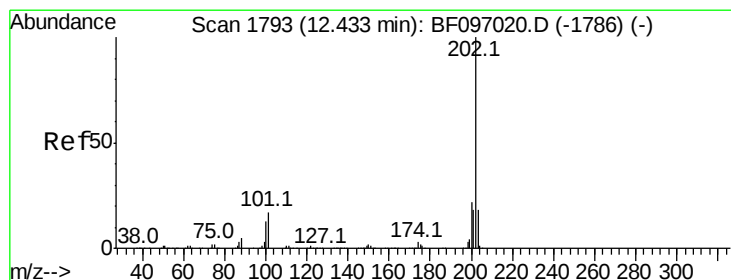
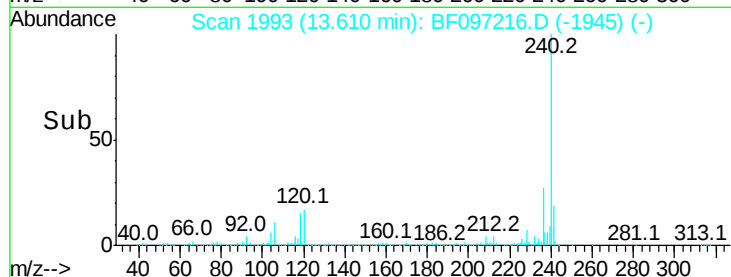
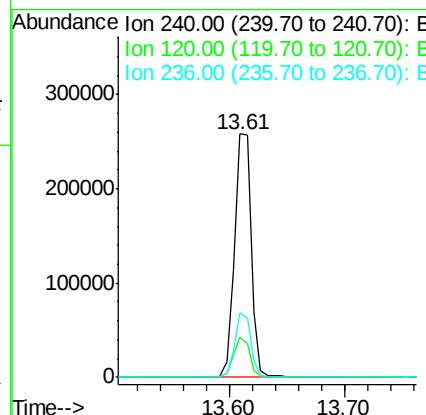
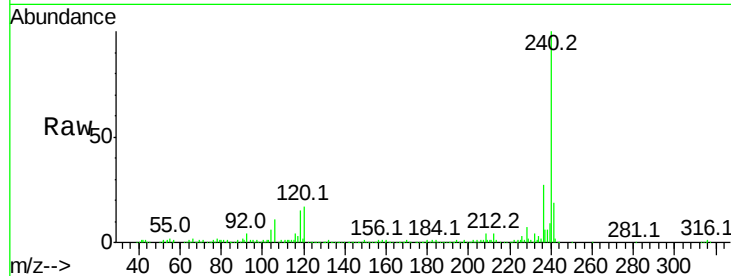
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.61 min Scan# 1993
Delta R.T. -0.02 min
Lab File: BF097216.D
Acq: 31 Jul 2017 19:05

Instrument :
BNA_F
ClientSampleId :
CL-02-072717-E

Tot Ion	Ratio	Lower	Upper
240	100		
120	16.7	5.8	8.8#
236	26.6	20.5	30.7

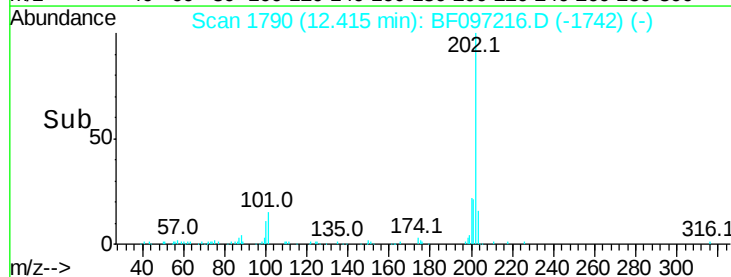
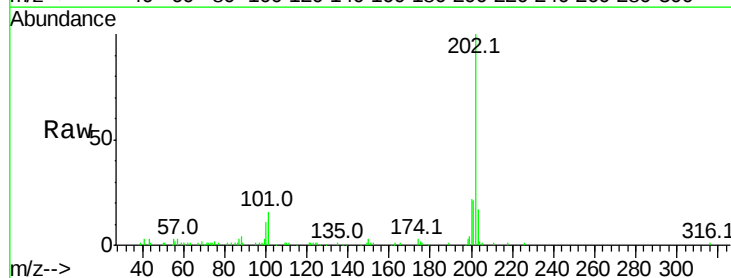
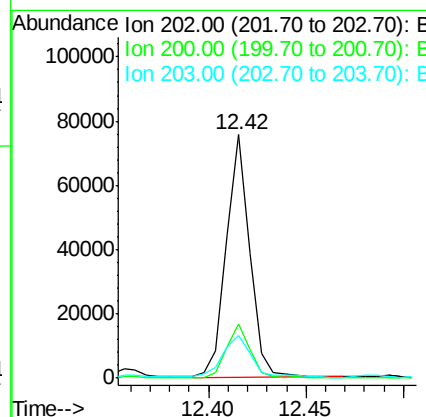
Manual Integrations
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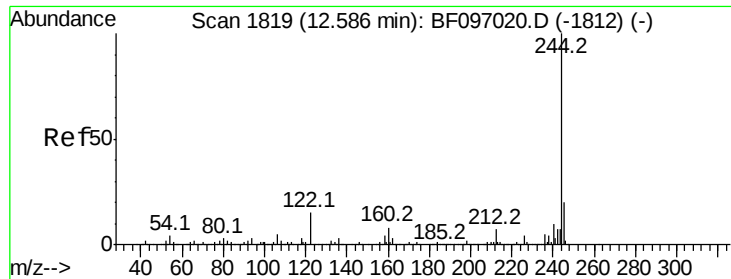
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#77
Pyrene
Concen: 2.971 ng
RT: 12.42 min Scan# 1790
Delta R.T. -0.02 min
Lab File: BF097216.D
Acq: 31 Jul 2017 19:05

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.3	17.6	26.4
203	17.4	14.4	21.6





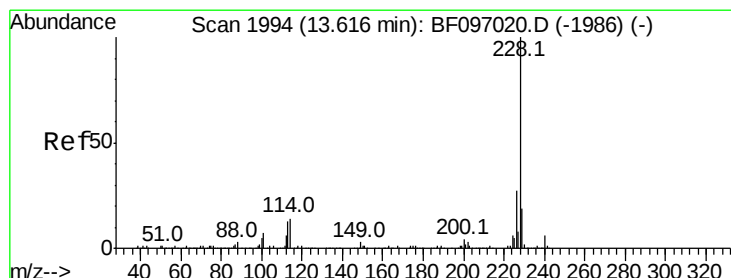
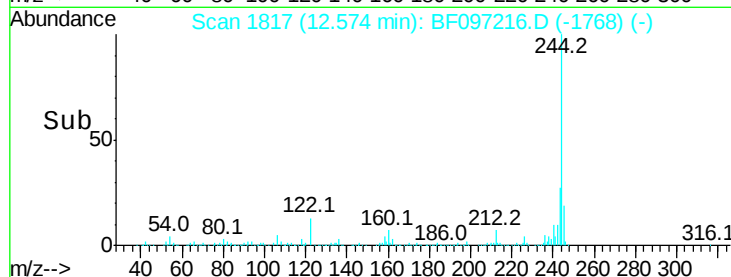
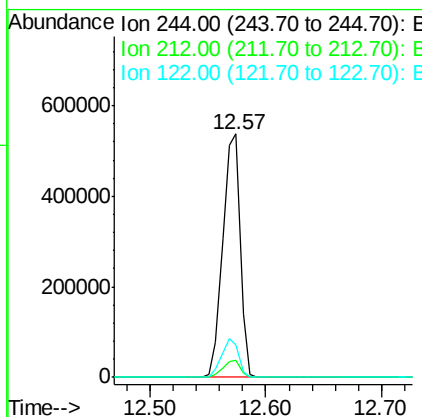
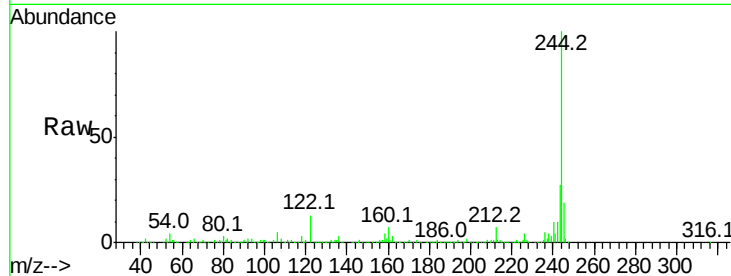
#78
 Terphenyl-d14
 Concen: 44.393 ng
 RT: 12.57 min Scan# 1817
 Delta R.T. -0.01 min
 Lab File: BF097216.D
 Acq: 31 Jul 2017 19:05

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-072717-E

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.0	9.0
122	13.3	10.3	15.5

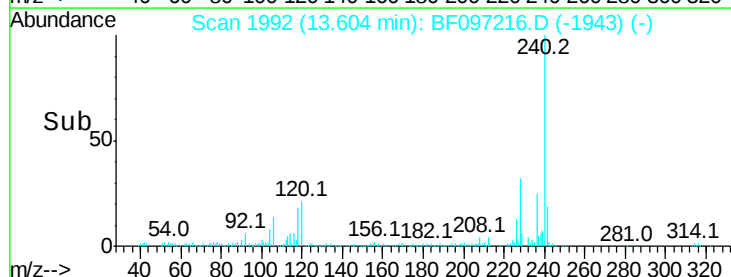
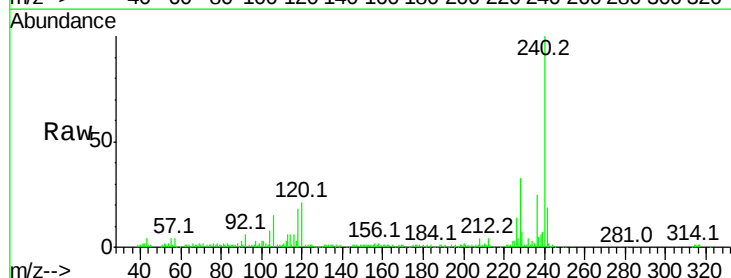
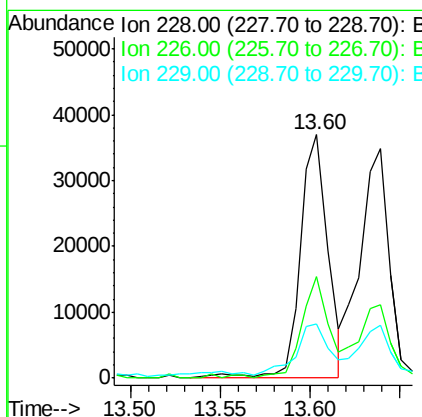
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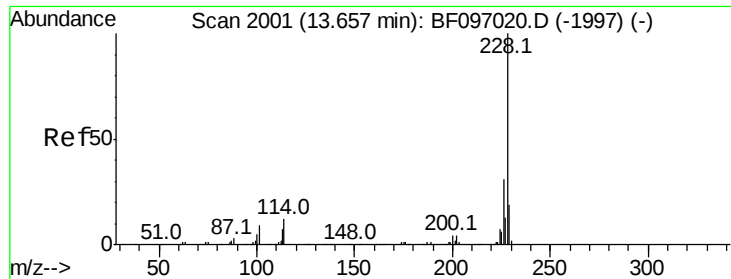
Sohil
 8/1/2017 5:44:46 PM



#80
 Benzo(a)anthracene
 Concen: 2.350 ng m
 RT: 13.60 min Scan# 1992
 Delta R.T. -0.01 min
 Lab File: BF097216.D
 Acq: 31 Jul 2017 19:05

Tgt Ion	Ratio	Lower	Upper
228	100		
226	41.6	22.6	33.8#
229	22.4	16.3	24.5





#82

Chrysene

Concen: 2.403 ng

RT: 13.64 min Scan# 1998

Delta R.T. -0.02 min

Lab File: BF097216.D

Acq: 31 Jul 2017 19:05

Instrument :

BNA_F

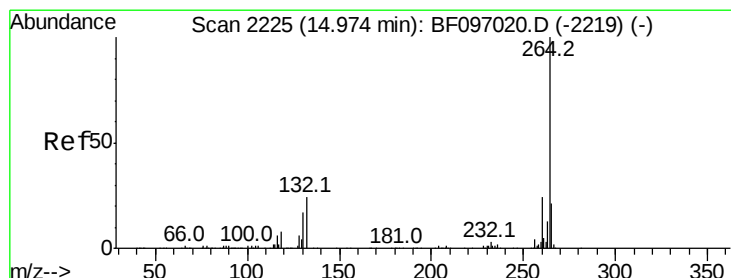
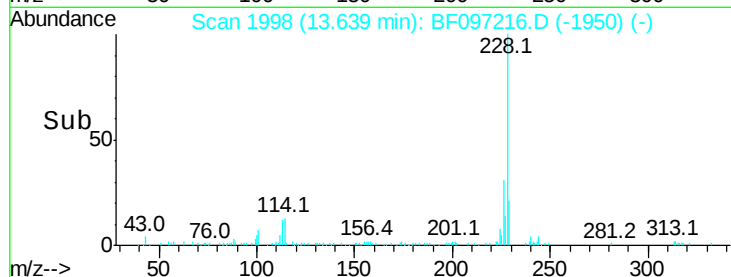
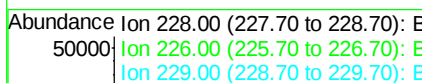
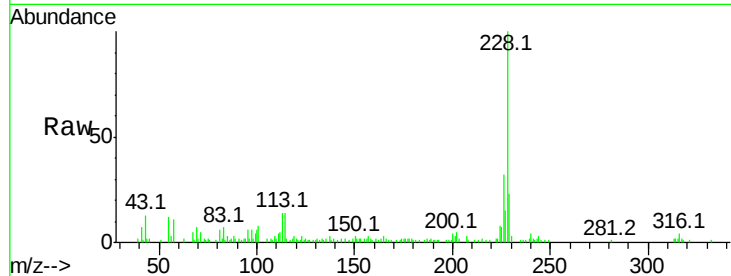
ClientSampleID :

CL-02-072717-E

Tot Ion:	228	Resp:	39310
Ion Ratio	Lower	Upper	
228	100		
226	32.1	24.9	37.3
229	23.3	15.8	23.6

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#86

Perylene-d12

Concen: 20.000 ng

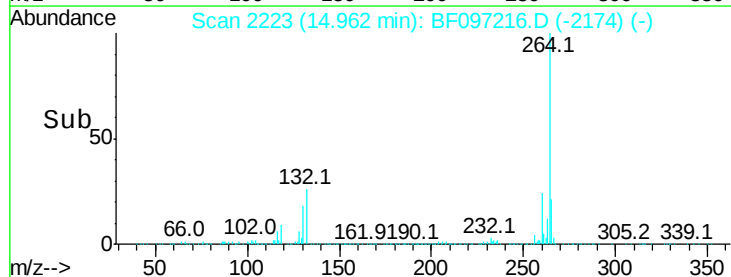
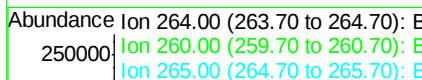
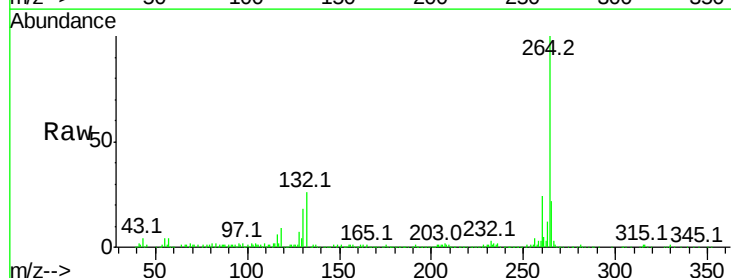
RT: 14.96 min Scan# 2223

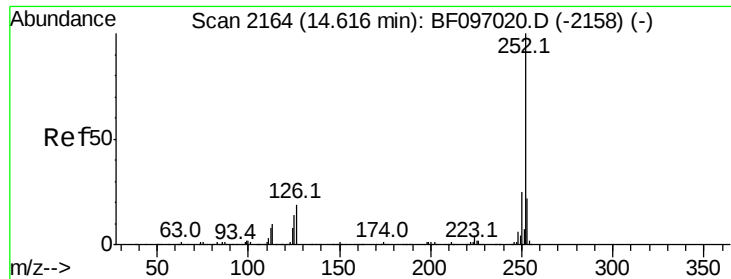
Delta R.T. -0.01 min

Lab File: BF097216.D

Acq: 31 Jul 2017 19:05

Tgt Ion:	264	Resp:	219418
Ion Ratio	Lower	Upper	
264	100		
260	24.0	19.5	29.3
265	21.5	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 4.596 ng/mL

RT: 14.60 min Scan# 2162

Delta R.T. -0.01 min

Lab File: BF097216.D

Acq: 31 Jul 2017 19:05

Instrument :

BNA_F

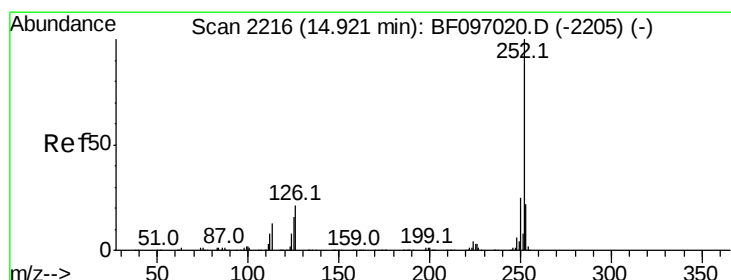
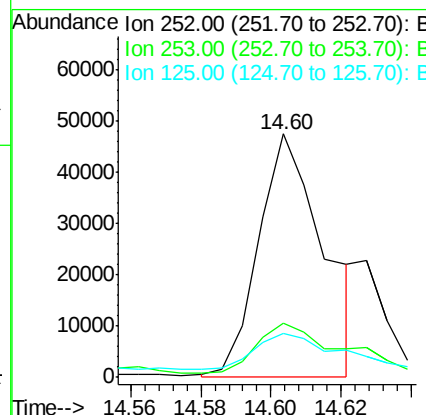
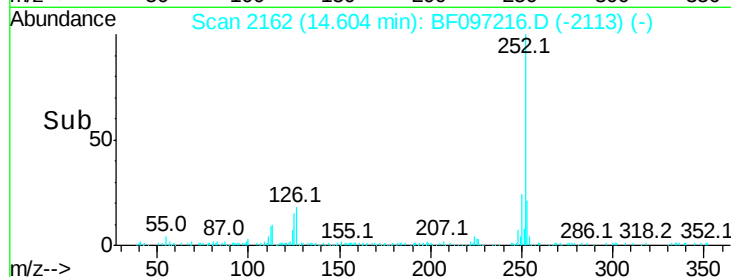
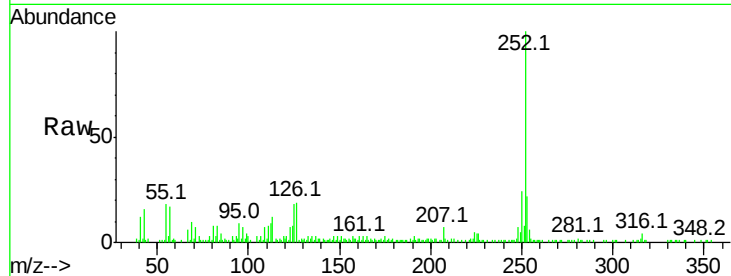
ClientSampleId :

CL-02-072717-E

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.1	27.1
125	18.0	9.8	14.8

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#89

Benzo(a)pyrene

Concen: 3.191 ng/mL

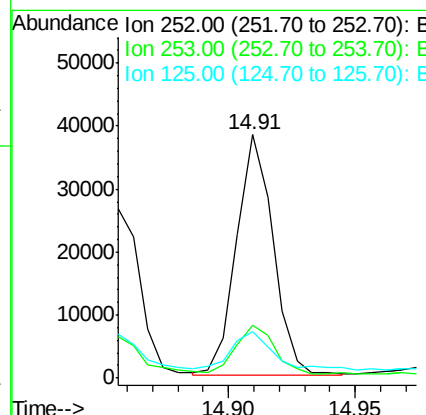
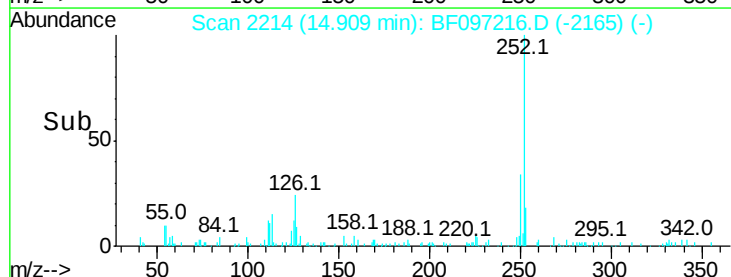
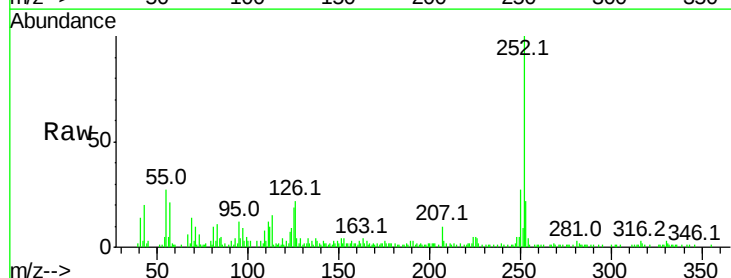
RT: 14.91 min Scan# 2214

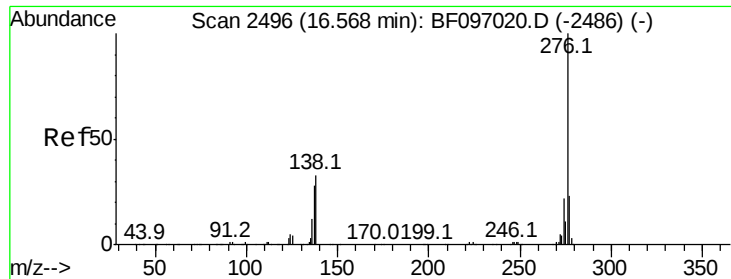
Delta R.T. -0.01 min

Lab File: BF097216.D

Acq: 31 Jul 2017 19:05

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.5	26.3
125	19.1	11.0	16.4





#91
 Benzo(a,h,i)perylene
 Concen: 2.438 ng
 RT: 16.55 min Scan# 2493
 Delta R.T. -0.02 min
 Lab File: BF097216.D
 Acq: 31 Jul 2017 19:05

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-072717-E

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.2	18.6	28.0
138	38.1	25.4	38.0

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