

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072417\
 Data File : BF097014.D
 Acq On : 25 Jul 2017 4:40
 Operator : SJ/JU
 Sample : I4358-01 5X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-072017

Manual Integrations
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 7/25/2017 5:36:38 PM

Quant Time: Jul 25 06:02:06 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 25 01:37:00 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.52	152	146285	20.00	ng	-0.02
21) Naphthalene-d8	7.80	136	536044	20.00	ng	-0.03
38) Acenaphthene-d10	9.55	164	192874	20.00	ng	-0.03
63) Phenanthrene-d10	11.02	188	278656	20.00	ng	-0.04
75) Chrysene-d12	13.65	240	279663	20.00	ng	-0.04
86) Perylene-d12	15.00	264	221717	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.12	112	191791	19.71	ng	-0.04
7) Phenol-d6	6.17	99	221528	18.97	ng	-0.04
23) Nitrobenzene-d5	7.07	82	119167	13.77	ng	-0.04
41) 2,4,6-Tribromophenol	10.33	330	26531	16.12	ng	-0.04
44) 2-Fluorobiphenyl	8.87	172	202951	16.62	ng	-0.04
78) Terphenyl-d14	12.60	244	130836	8.11	ng	-0.04
Target Compounds						
59) Diethylphthalate	9.97	149	31632	2.237	ng	97
74) Fluoranthene	12.22	202	47736	3.292	ng	86
85) Indeno(1,2,3-cd)pyrene	16.24	276	7383	3.776	ng	93
87) Benzo(b)fluoranthene	14.63	252	27160m	2.031	ng	

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

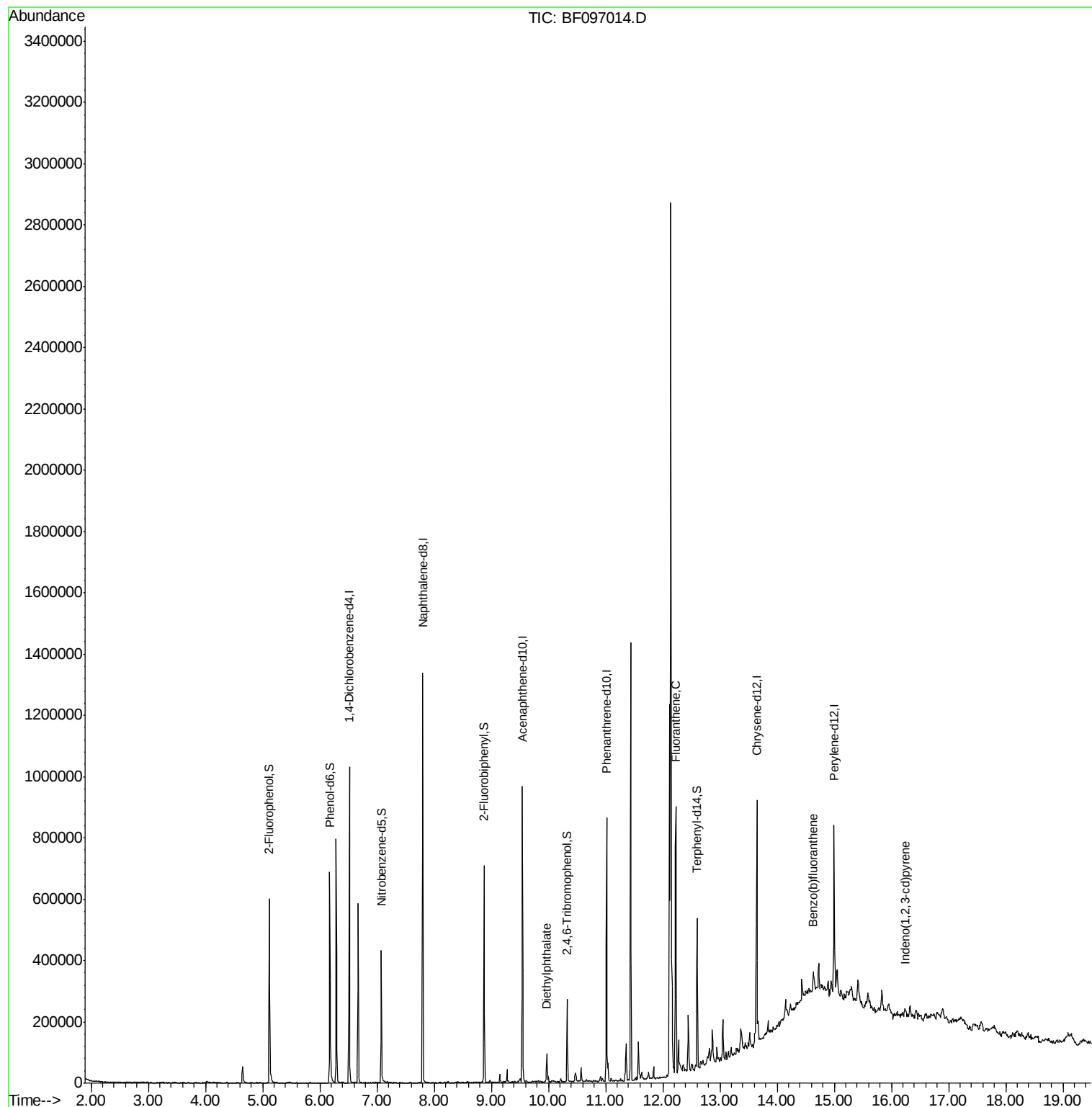
Data Path : Z:\HPCHEM1\BNA F\DATA\BF072417\
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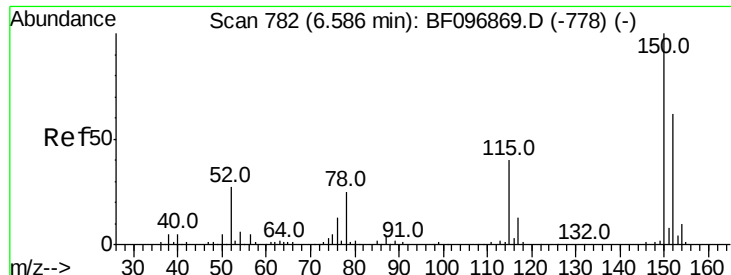
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#1

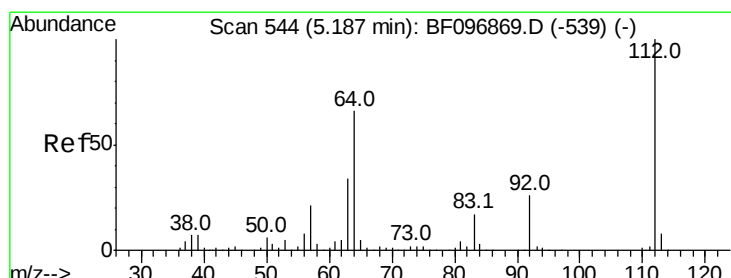
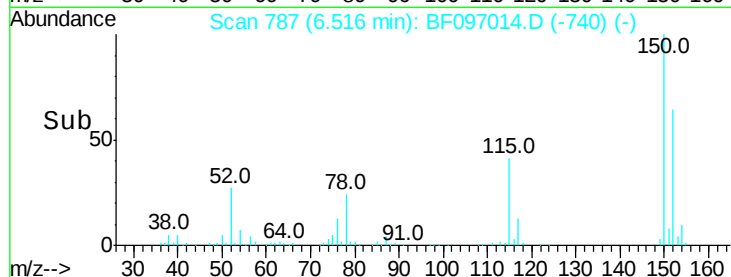
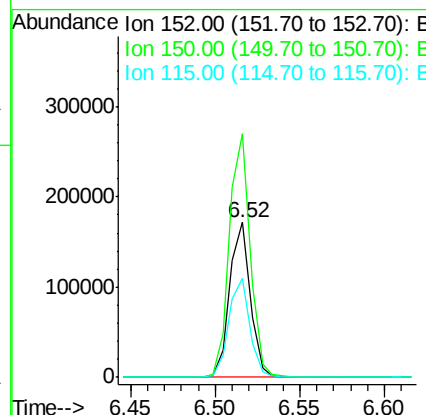
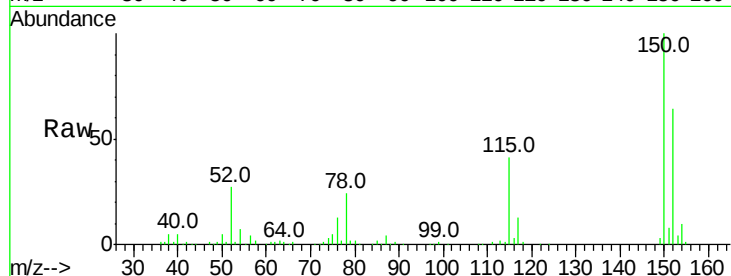
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.52 min Scan# 787
Delta R.T. -0.02 min
Lab File: BF097014.D
Acq: 25 Jul 2017 4:40

Instrument :
BNA_F
ClientSampleId :
TR-05-072017

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.1	126.2	189.2
115	63.9	52.2	78.2

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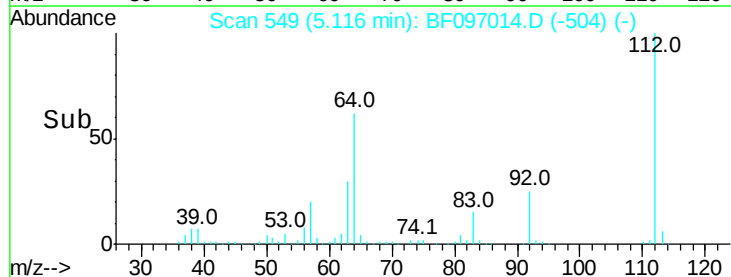
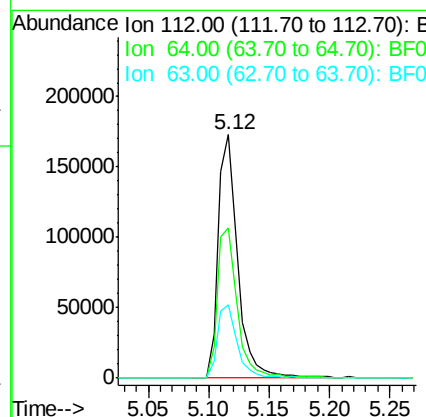
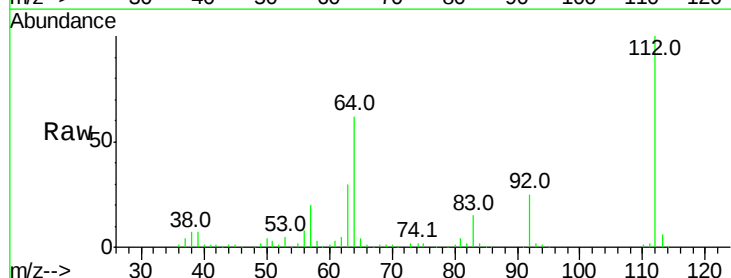
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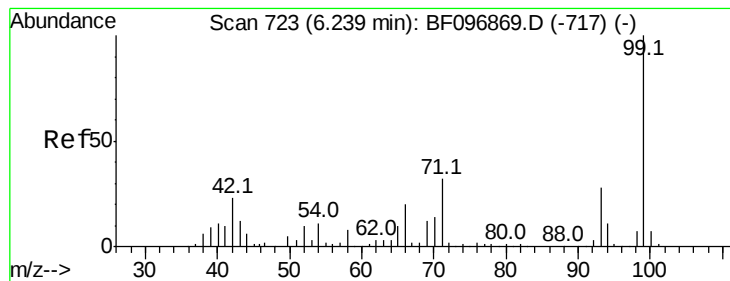


#5

2-Fluorophenol
Concen: 19.713 ng
RT: 5.12 min Scan# 549
Delta R.T. -0.04 min
Lab File: BF097014.D
Acq: 25 Jul 2017 4:40

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.9	46.0	69.0
63	30.1	23.4	35.0





#7

Phenol-d6

Concen: 18.974 ng

RT: 6.17 min Scan# 729

Delta R.T. -0.04 min

Lab File: BF097014.D

Acq: 25 Jul 2017 4:40

Instrument :

BNA_F

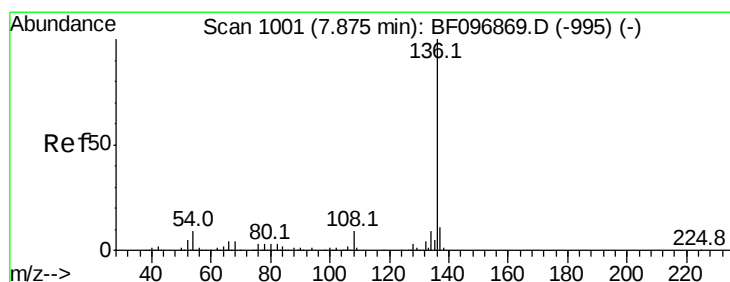
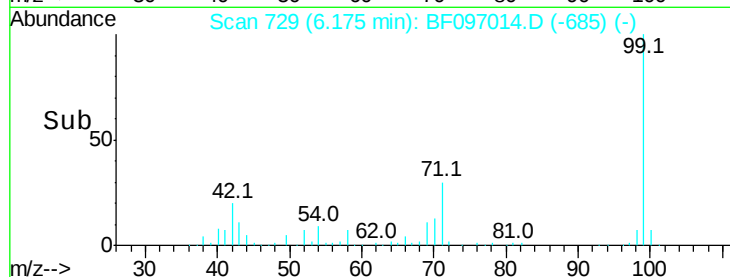
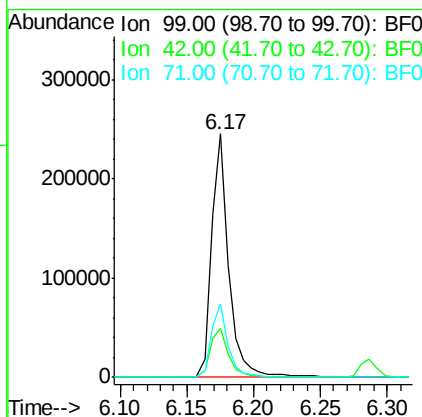
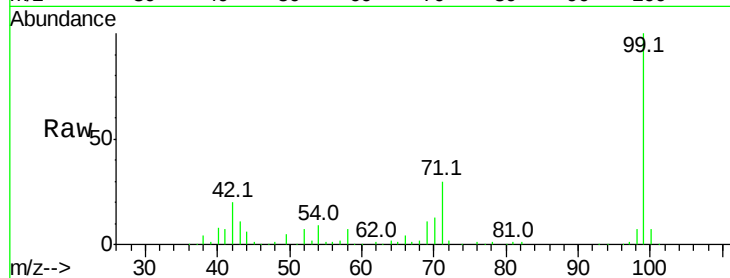
ClientSampleId :

TR-05-072017

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		221528		
42	20.2	13.5	20.3		
71	30.2	24.5	36.7		

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#21

Naphthalene-d8

Concen: 20.000 ng

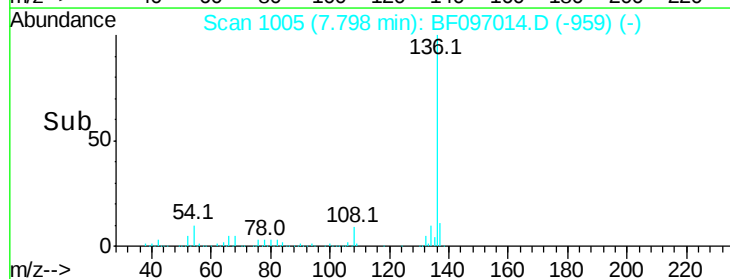
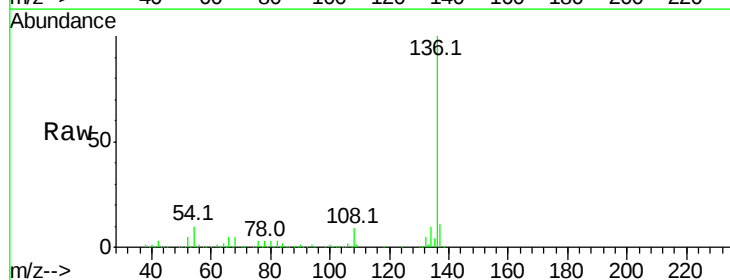
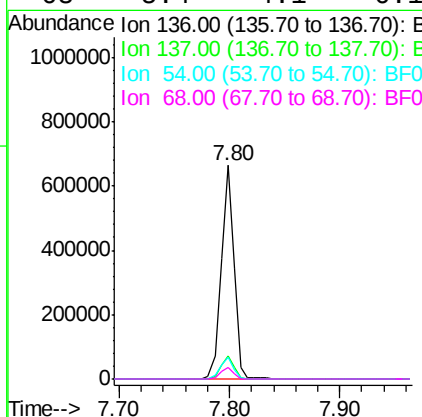
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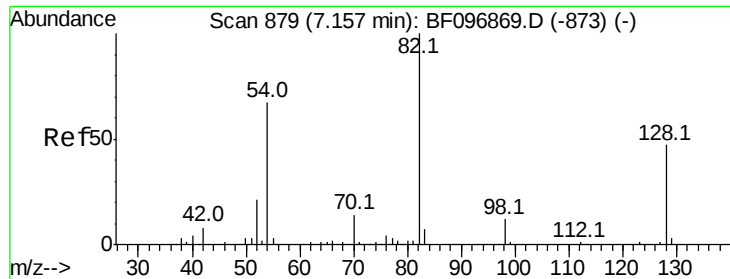
Delta R.T. -0.03 min

Lab File: BF097014.D

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Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		536044		
137	11.0	8.5	12.7		
54	10.5	4.9	7.3		
68	5.4	4.1	6.1		





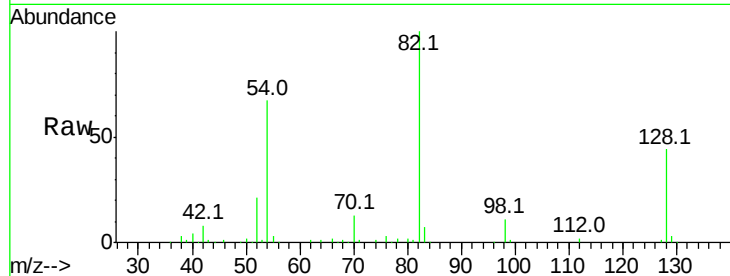
#23
 Nitrobenzene-d5
 Concen: 13.770 ng
 RT: 7.07 min Scan# 882
 Delta R.T. -0.04 min
 Lab File: BF097014.D
 Acq: 25 Jul 2017 4:40

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-072017

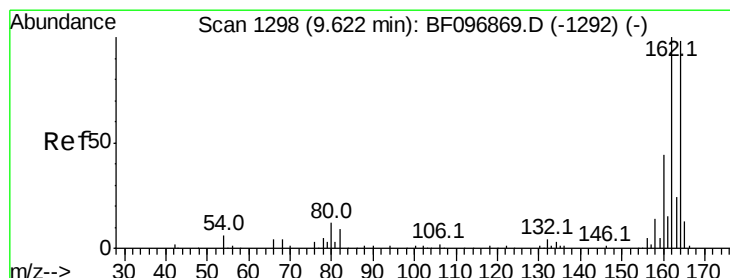
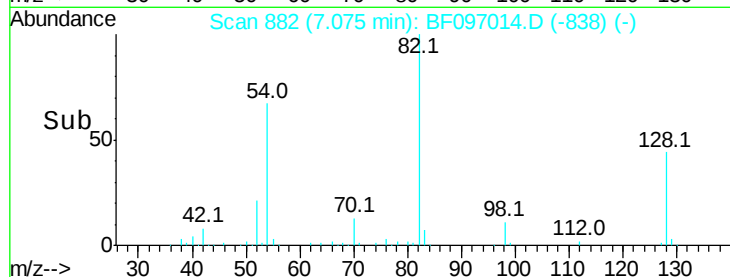
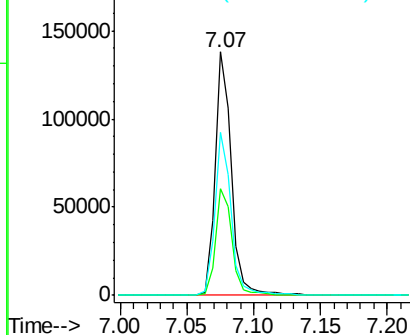
Tot Ion	Ratio	Lower	Upper
82	100		
128	43.7	34.0	51.0
54	67.0	42.2	63.2

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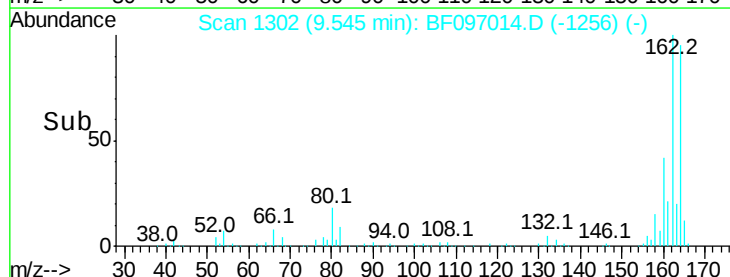
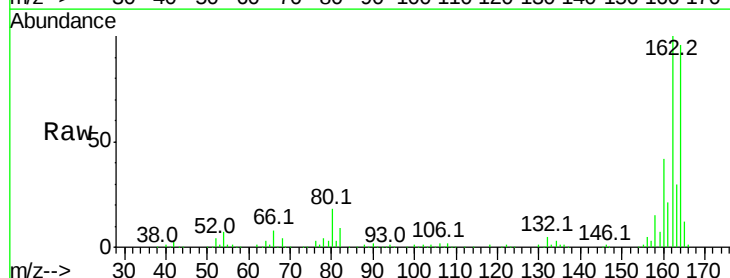
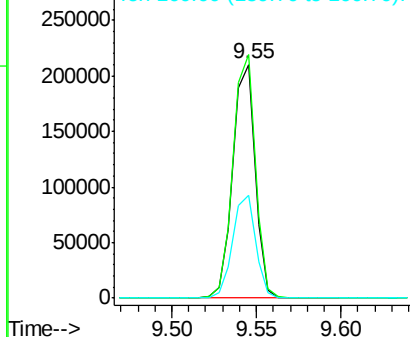
Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

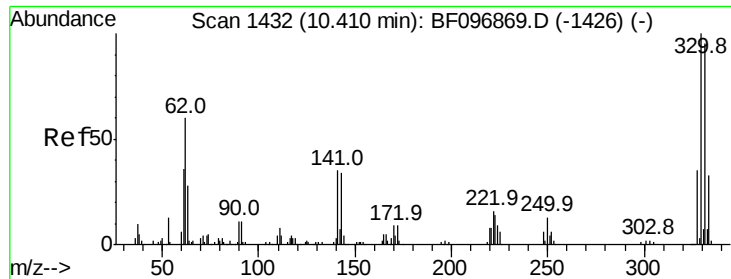


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.55 min Scan# 1302
 Delta R.T. -0.03 min
 Lab File: BF097014.D
 Acq: 25 Jul 2017 4:40

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.3	82.6	123.8
160	44.3	36.2	54.2

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: 16.115 ng

RT: 10.33 min Scan# 1435

Delta R.T. -0.04 min

Lab File: BF097014.D

Acq: 25 Jul 2017 4:40

Instrument :

BNA_F

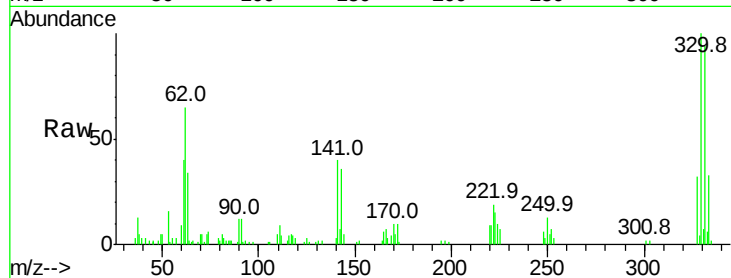
ClientSampled :

TR-05-072017

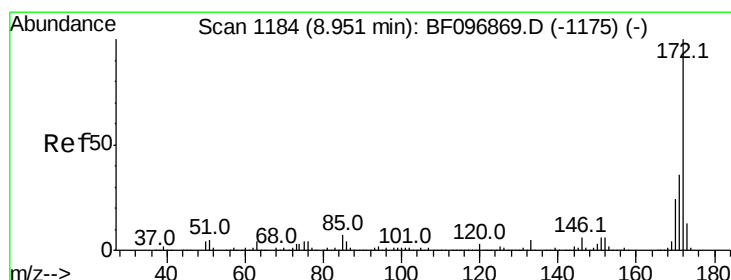
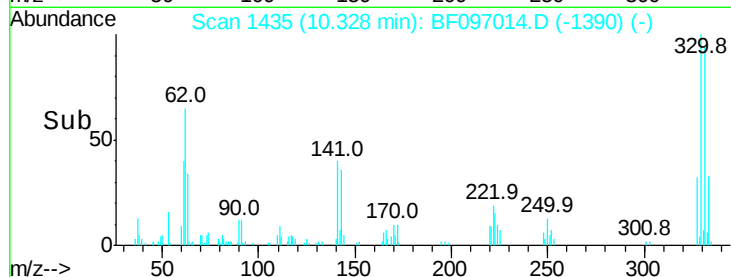
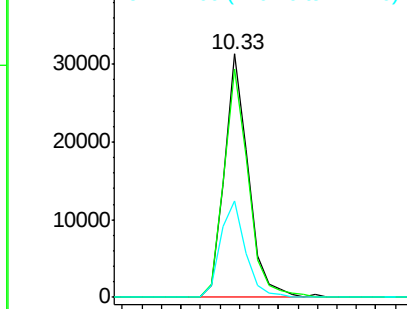
Tot Ion:	330	Resp:	26531
Ion Ratio	Lower	Upper	
330	100		
332	96.0	76.6	115.0
141	41.4	31.4	47.2

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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: 16.625 ng

RT: 8.87 min Scan# 1188

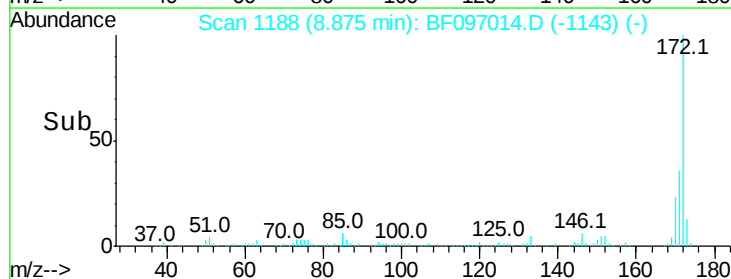
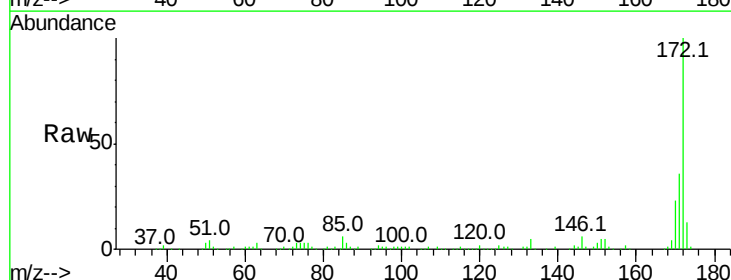
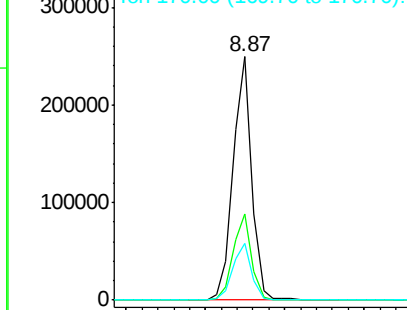
Delta R.T. -0.04 min

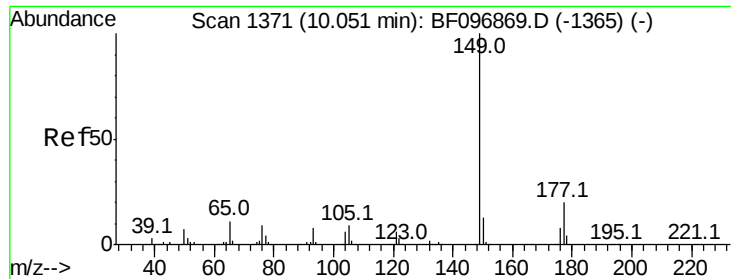
Lab File: BF097014.D

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Tgt Ion:	172	Resp:	202951
Ion Ratio	Lower	Upper	
172	100		
171	35.7	29.6	44.4
170	23.2	19.8	29.8

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





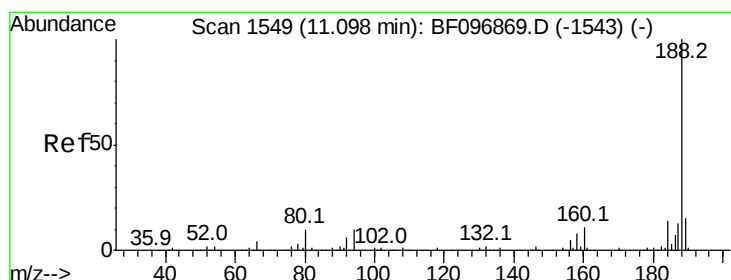
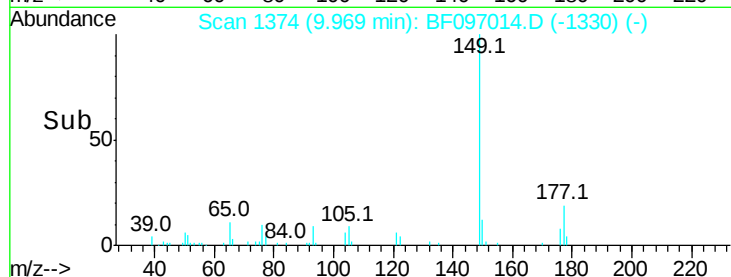
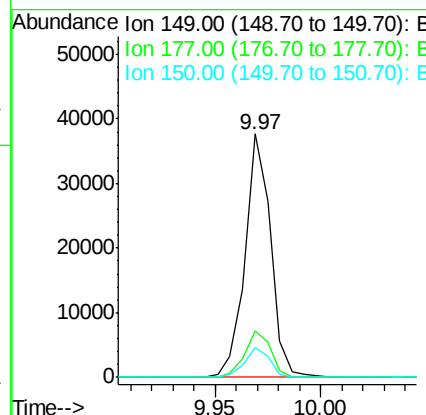
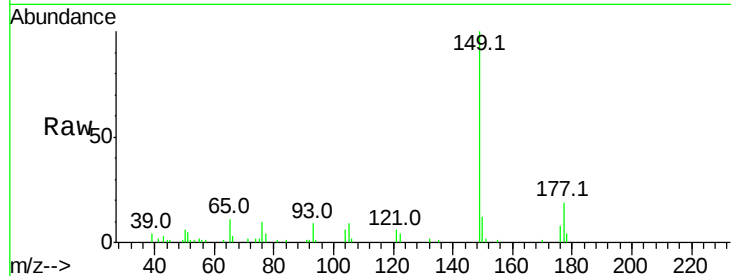
#59
Diethylphthalate
Concen: 2.237 ng
RT: 9.97 min Scan# 1374
Delta R.T. -0.04 min
Lab File: BF097014.D
Acq: 25 Jul 2017 4:40

Instrument :
BNA_F
ClientSampled :
TR-05-072017

Tot Ion	Ratio	Lower	Upper
149	100		
177	19.0	16.7	25.1
150	12.2	10.2	15.2

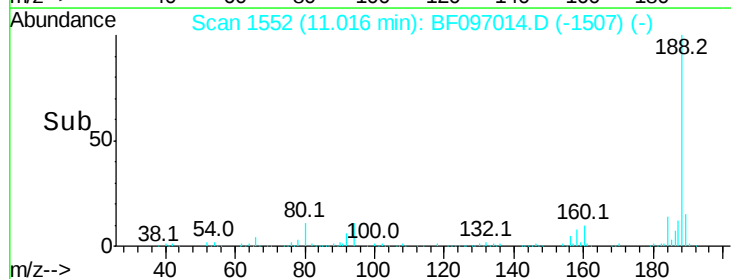
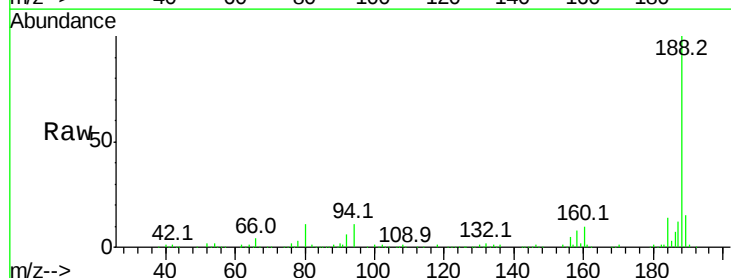
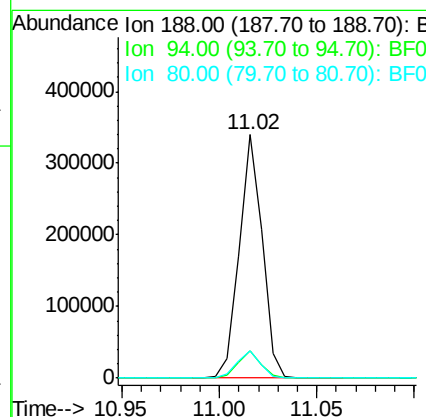
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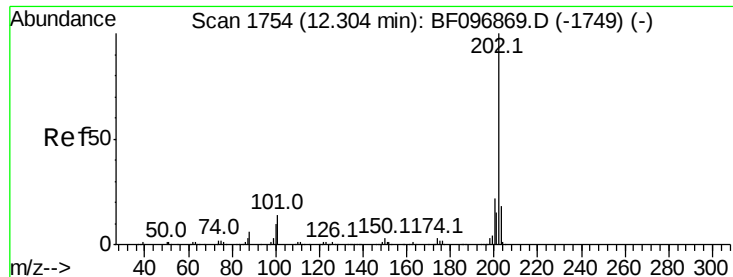
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.02 min Scan# 1552
Delta R.T. -0.04 min
Lab File: BF097014.D
Acq: 25 Jul 2017 4:40

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.1	9.4	14.2
80	11.4	10.2	15.2





#74

Fluoranthene

Concen: 3.292 ng

RT: 12.22 min Scan# 1757

Delta R.T. -0.04 min

Lab File: BF097014.D

Acq: 25 Jul 2017 4:40

Instrument :

BNA_F

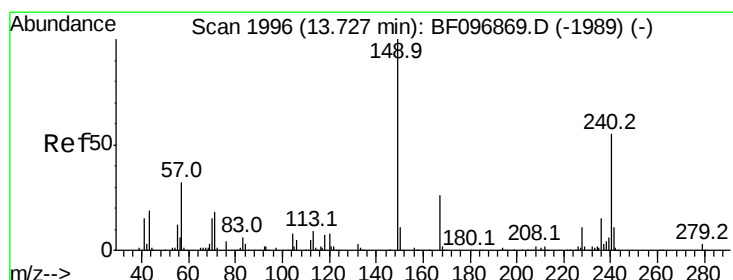
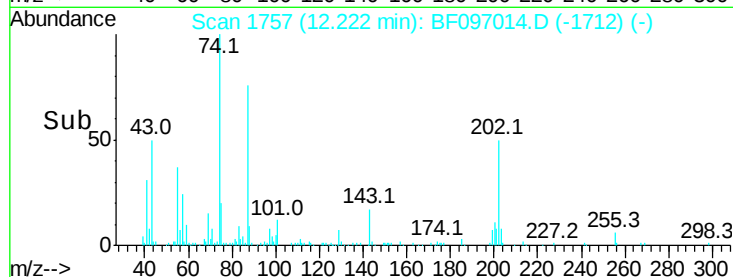
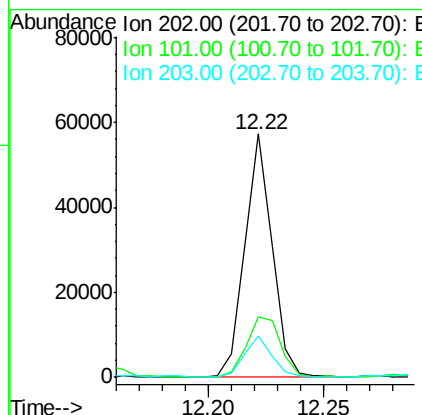
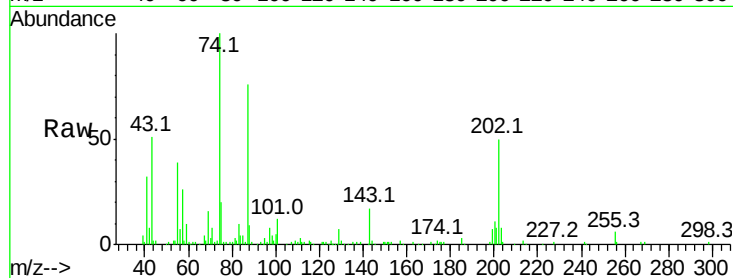
ClientSampleId :

TR-05-072017

Tot Ion:	202	Resp:	47736
Ion Ratio	Lower	Upper	
202	100		
101	24.7	0.0	33.2
203	16.9	0.0	38.1

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#75

Chrysene-d12

Concen: 20.000 ng

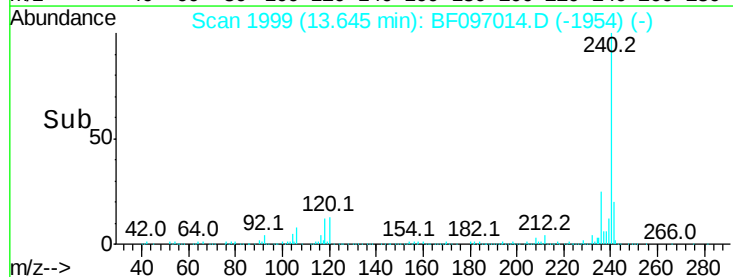
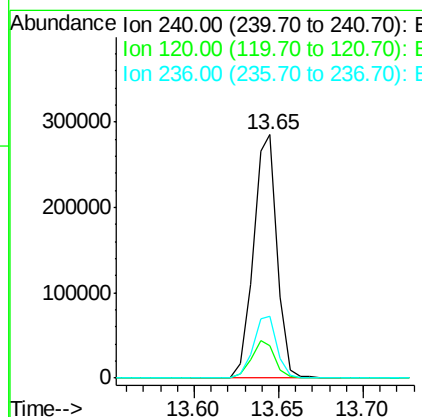
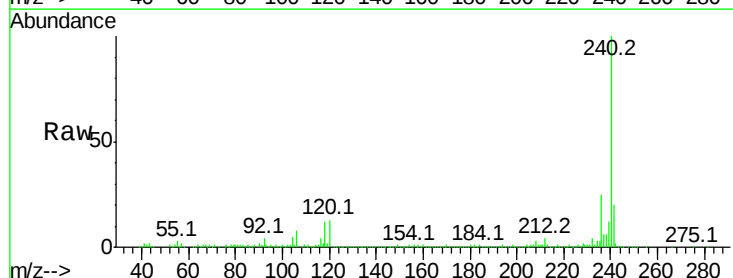
RT: 13.65 min Scan# 1999

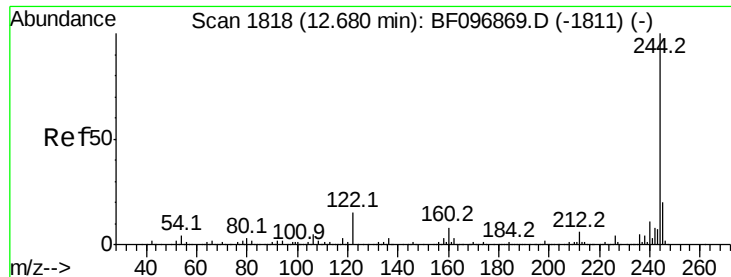
Delta R.T. -0.04 min

Lab File: BF097014.D

Acq: 25 Jul 2017 4:40

Tgt Ion:	240	Resp:	279663
Ion Ratio	Lower	Upper	
240	100		
120	13.2	5.8	8.8#
236	25.3	20.5	30.7





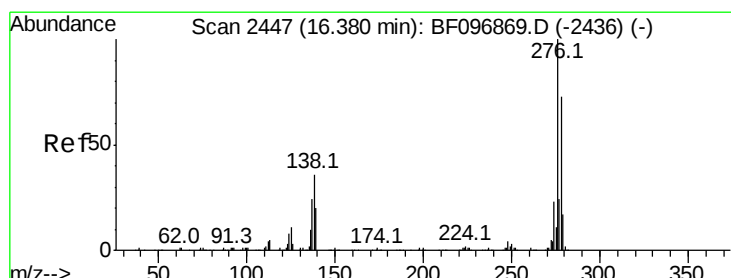
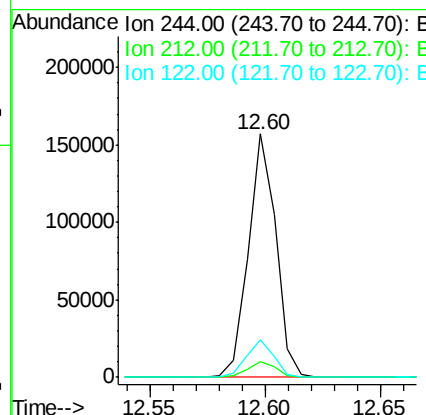
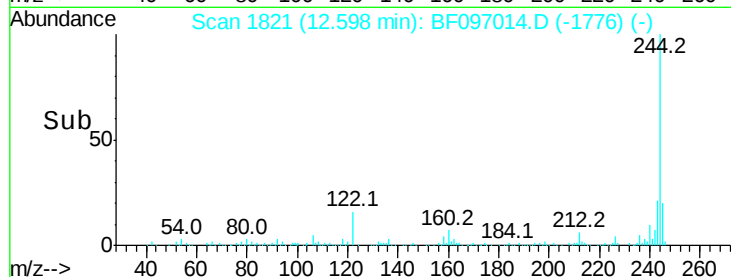
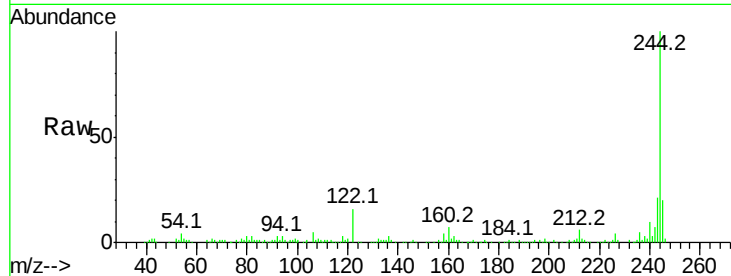
#78
 Terphenyl-d14
 Concen: 8.113 ng
 RT: 12.60 min Scan# 1821
 Delta R.T. -0.04 min
 Lab File: BF097014.D
 Acq: 25 Jul 2017 4:40

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-072017

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.2	6.0	9.0
122	15.5	10.3	15.5

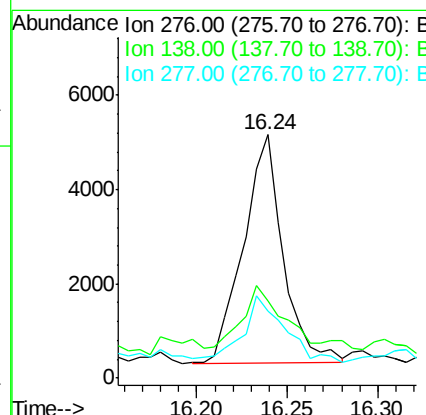
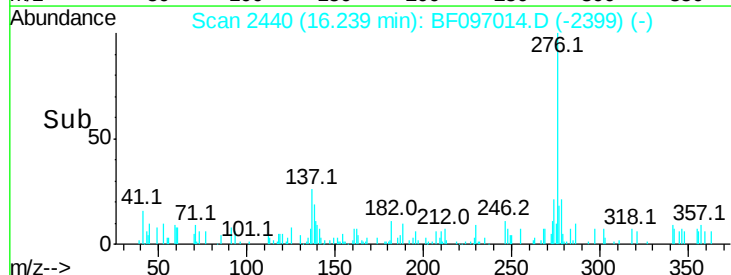
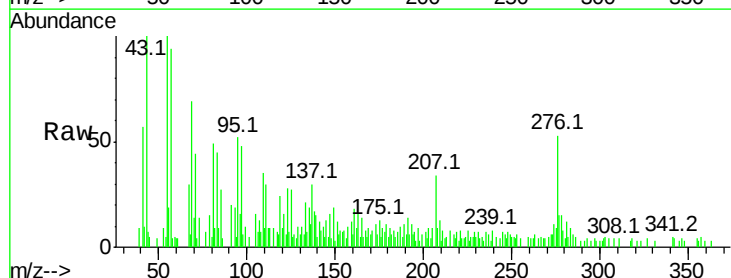
Manual Integrations
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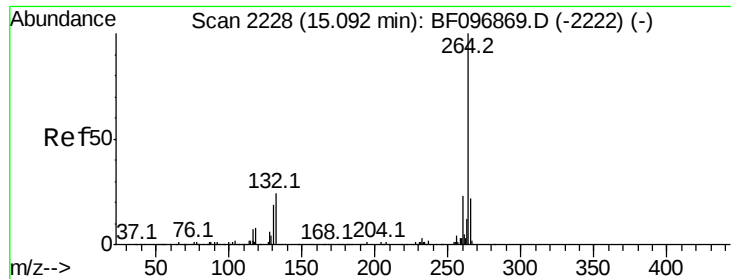
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#85
 Indeno(1,2,3-cd)pyrene
 Concen: 3.776 ng
 RT: 16.24 min Scan# 2440
 Delta R.T. -0.06 min
 Lab File: BF097014.D
 Acq: 25 Jul 2017 4:40

Tgt Ion	Ratio	Lower	Upper
276	100		
138	38.2	27.8	41.6
277	30.0	20.2	30.4





#86

Pervlene-d12

Concen: 20.000 ng

RT: 15.00 min Scan# 2229

Delta R.T. -0.04 min

Lab File: BF097014.D

Acq: 25 Jul 2017 4:40

Instrument :

BNA_F

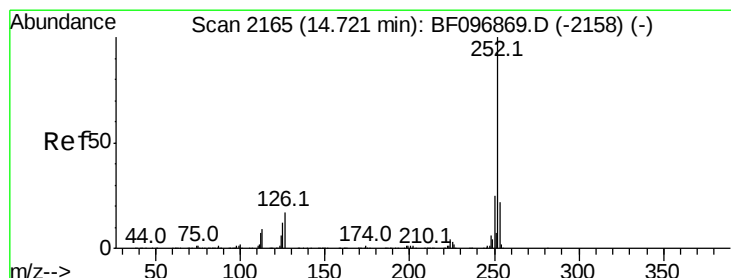
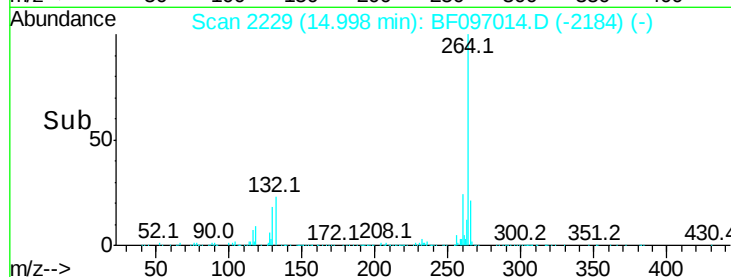
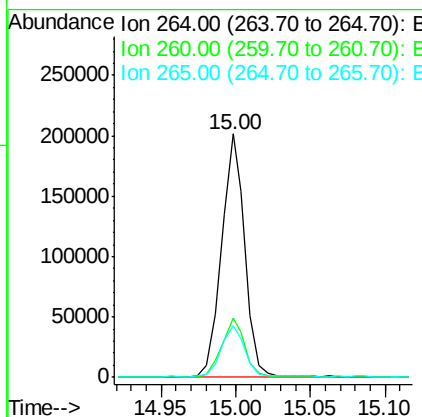
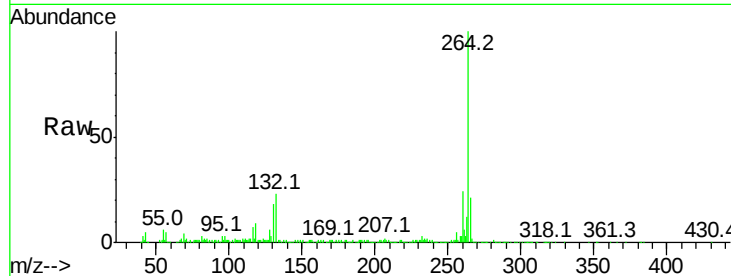
ClientSampled :

TR-05-072017

Tot Ion:	264	Resp:	221717
Ion Ratio	Lower	Upper	
264	100		
260	24.5	19.5	29.3
265	21.1	17.2	25.8

Manual Integrations
APPROVED

Sohil
7/25/2017 5:36:38 PM



#87

Benzo(b)fluoranthene

Concen: 2.031 ng m

RT: 14.63 min Scan# 2167

Delta R.T. -0.04 min

Lab File: BF097014.D

Acq: 25 Jul 2017 4:40

Tgt Ion:	252	Resp:	27160
Ion Ratio	Lower	Upper	
252	100		
253	27.7	18.1	27.1#
125	24.7	9.8	14.8#

