

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072817\
 Data File : BF097153.D
 Acq On : 28 Jul 2017 14:38
 Operator : SJ/JU
 Sample : I4397-06 2X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T-1C-14.5-15.0-072117

Manual Integrations
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 7/31/2017 6:51:42 PM

Quant Time: Jul 28 16:17:52 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	6.49	152	111258	20.00	ng	-0.01
21) Naphthalene-d8	7.77	136	454493	20.00	ng	-0.02
38) Acenaphthene-d10	9.52	164	172593	20.00	ng	-0.02
63) Phenanthrene-d10	10.99	188	234584	20.00	ng	-0.02
75) Chrysene-d12	13.61	240	229633	20.00	ng	-0.02
86) Perylene-d12	14.96	264	175785	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.08	112	387785	52.54	ng	-0.02
7) Phenol-d6	6.15	99	458035	54.36	ng	-0.02
23) Nitrobenzene-d5	7.05	82	261101	33.70	ng	-0.02
41) 2,4,6-Tribromophenol	10.30	330	67352	49.39	ng	-0.02
44) 2-Fluorobiphenyl	8.85	172	437659	43.03	ng	-0.02
78) Terphenyl-d14	12.57	244	264028	23.44	ng	-0.02
Target Compounds						
49) Dimethylphthalate	9.25	163	81425	6.213	ng	99
70) Phenanthrene	11.01	178	27055	2.153	ng	100
74) Fluoranthene	12.19	202	49123	3.989	ng	99
77) Pyrene	12.42	202	45761	2.434	ng	98
87) Benzo(b)fluoranthene	14.60	252	28672m	2.713	ng	

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

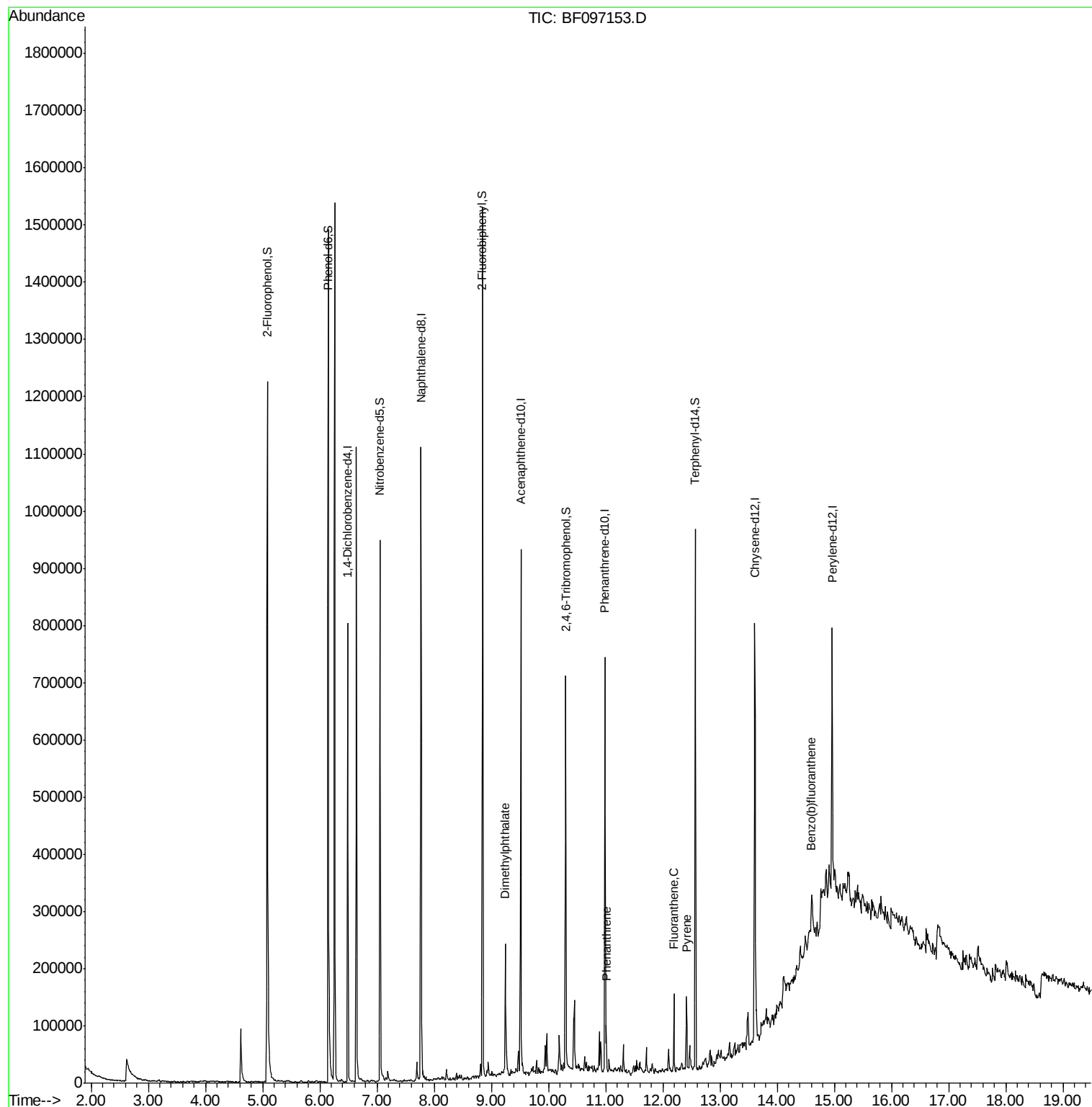
Data Path : Z:\HPCHEM1\BNA F\DATA\BF072817\
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ALS Vial : 13 Sample Multiplier: 1

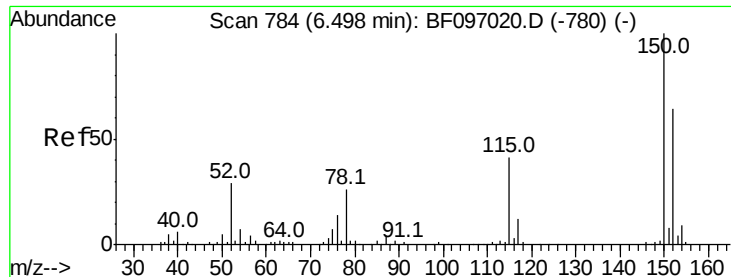
Instrument :
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Quant Time: Jul 28 16:17:52 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

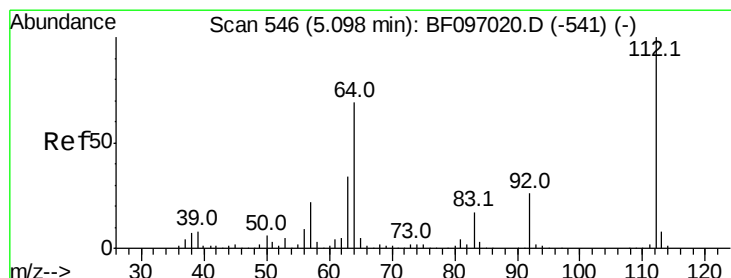
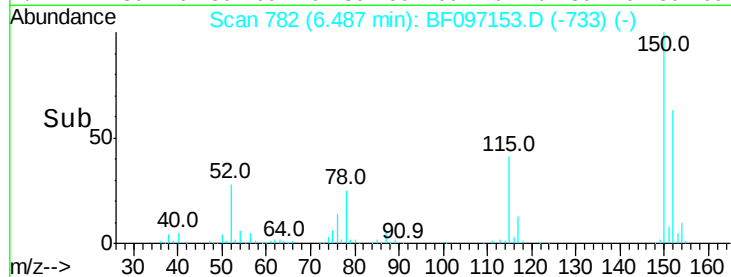
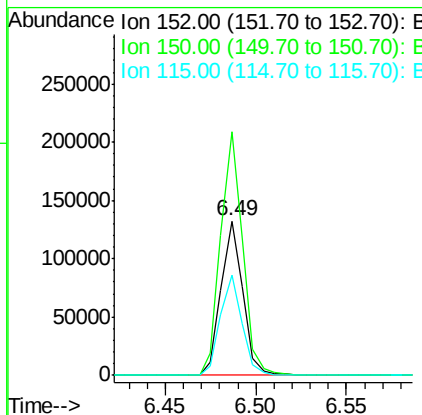
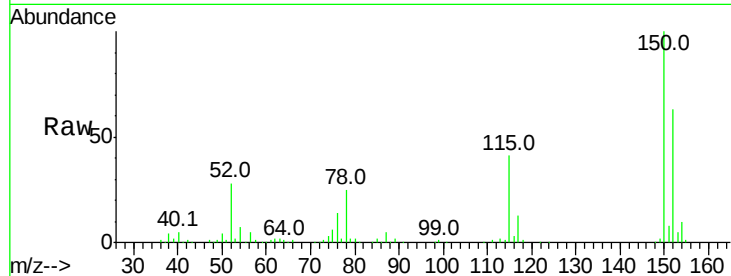
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.49 min Scan# 782
Delta R.T. -0.01 min
Lab File: BF097153.D
Acq: 28 Jul 2017 14:38

Instrument :
BNA_F
ClientSampleId :
T-1C-14.5-15.0-072117

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.9	126.2	189.2
115	64.9	52.2	78.2

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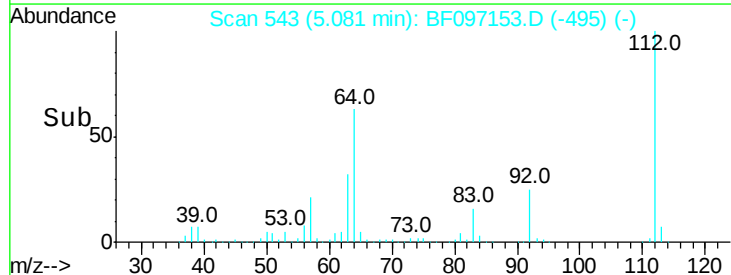
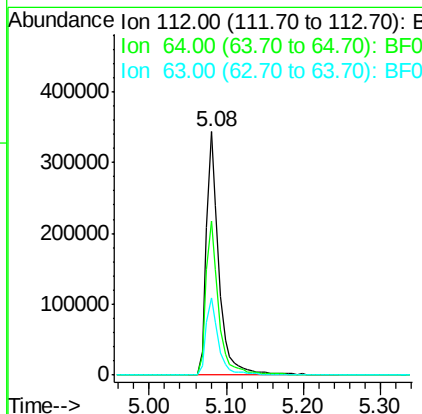
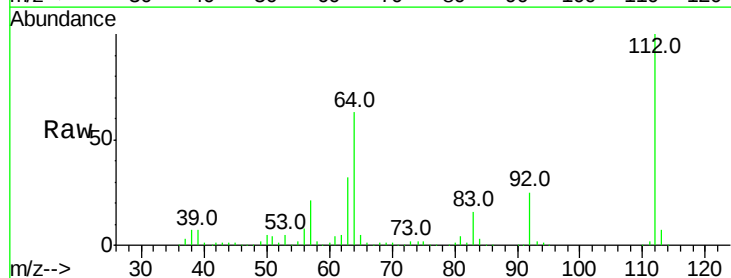
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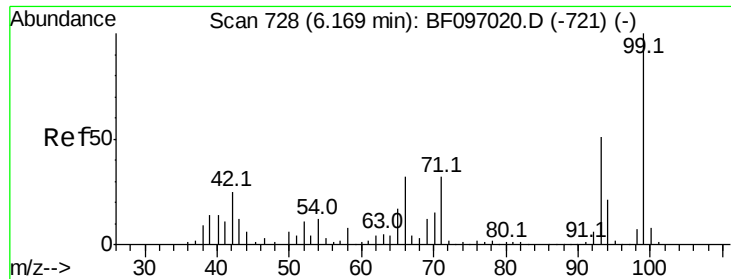


#5

2-Fluorophenol
Concen: 52.543 ng
RT: 5.08 min Scan# 543
Delta R.T. -0.02 min
Lab File: BF097153.D
Acq: 28 Jul 2017 14:38

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.3	46.0	69.0
63	31.9	23.4	35.0





#7

Phenol-d6

Concen: 54.363 ng

RT: 6.15 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF097153.D

Acq: 28 Jul 2017 14:38

Instrument :

BNA_F

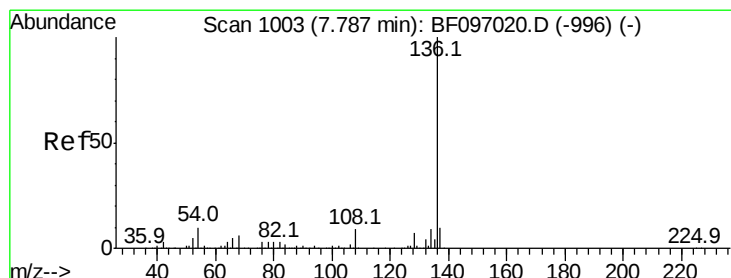
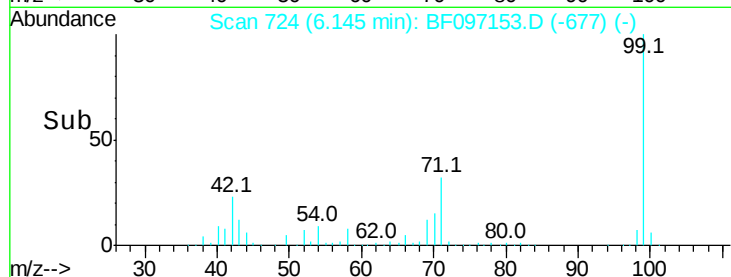
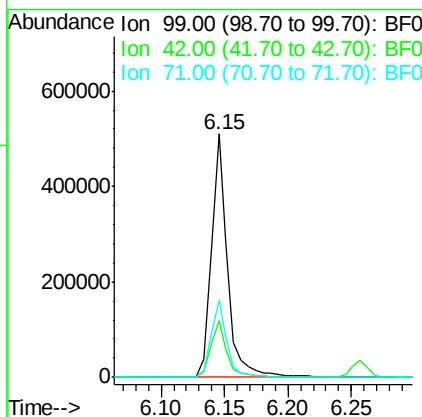
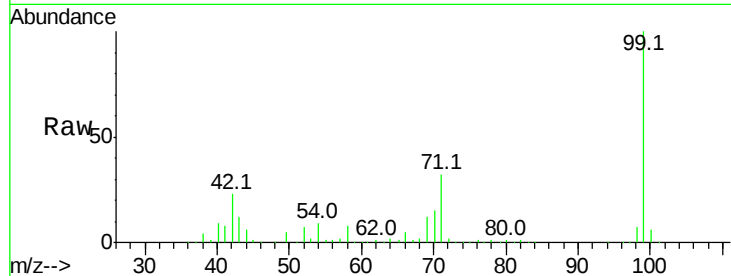
ClientSampleId :

T-1C-14.5-15.0-072117

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		458035		
42	23.1	13.5	20.3#		
71	31.7	24.5	36.7		

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#21

Naphthalene-d8

Concen: 20.000 ng

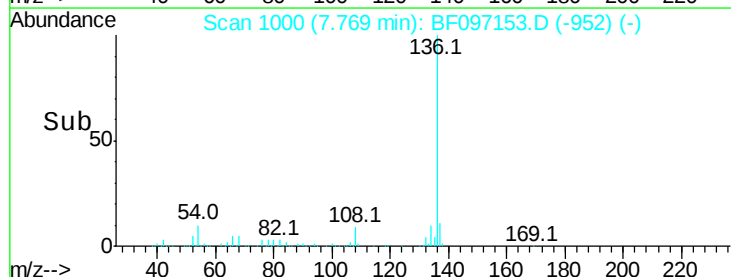
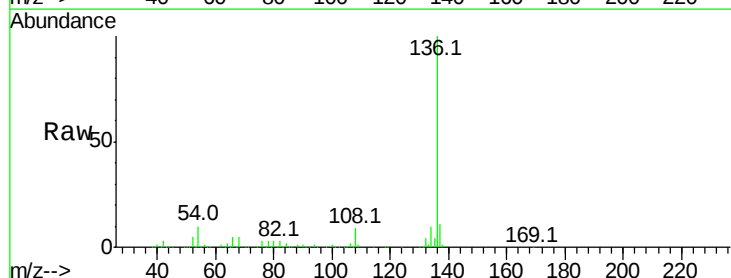
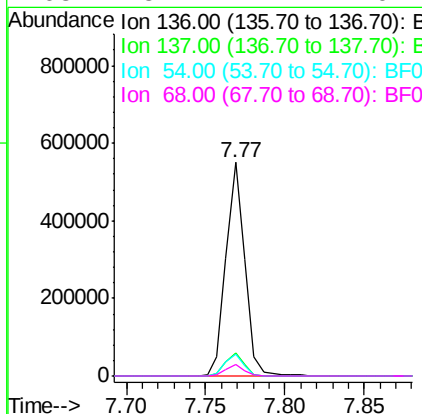
RT: 7.77 min Scan# 1000

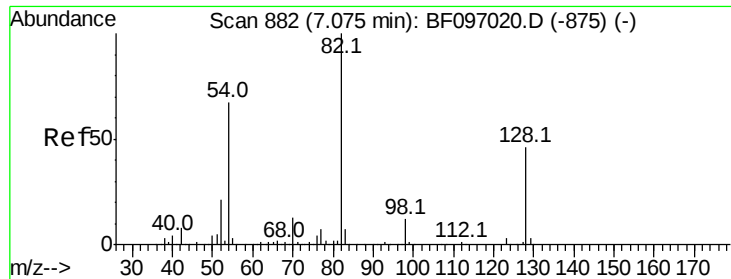
Delta R.T. -0.02 min

Lab File: BF097153.D

Acq: 28 Jul 2017 14:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		454493		
137	11.0	8.5	12.7		
54	10.2	4.9	7.3#		
68	5.4	4.1	6.1		





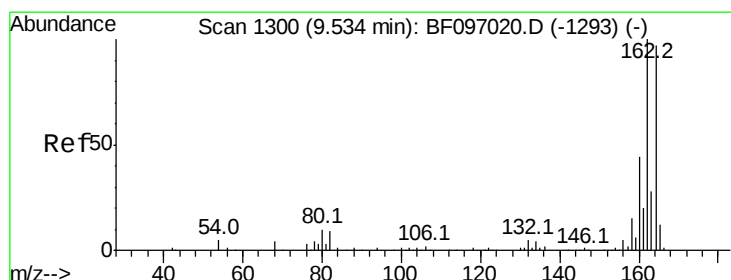
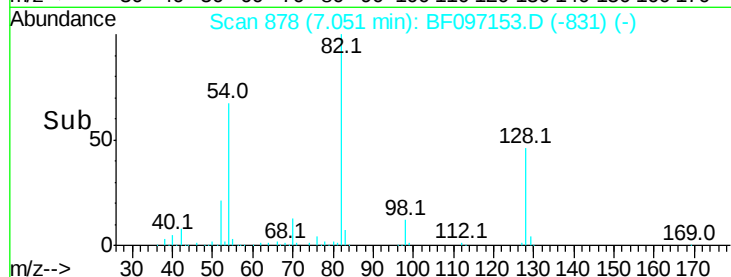
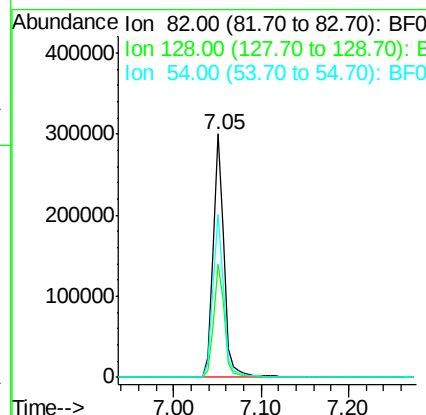
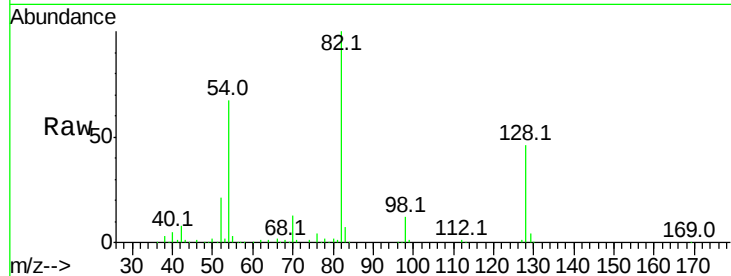
#23
Nitrobenzene-d5
Concen: 33.702 ng
RT: 7.05 min Scan# 878
Delta R.T. -0.02 min
Lab File: BF097153.D
Acq: 28 Jul 2017 14:38

Instrument :
BNA_F
ClientSampleId :
T-1C-14.5-15.0-072117

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.2	34.0	51.0
54	67.0	42.2	63.2#

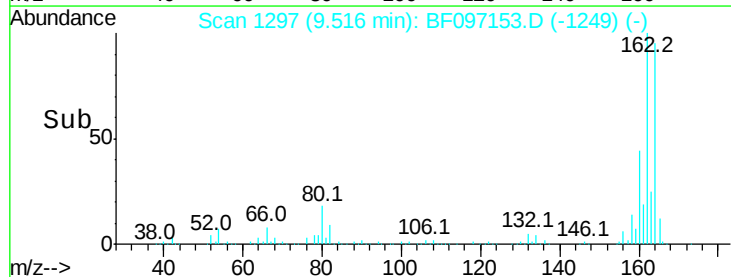
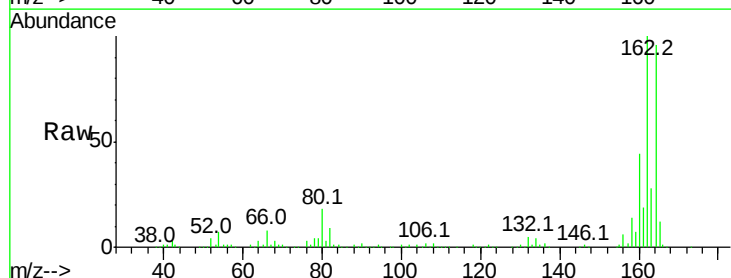
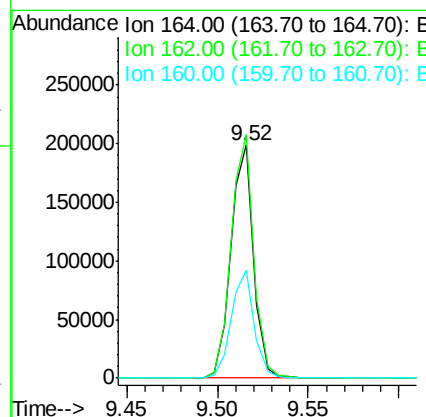
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.52 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BF097153.D
Acq: 28 Jul 2017 14:38

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.5	82.6	123.8
160	46.3	36.2	54.2





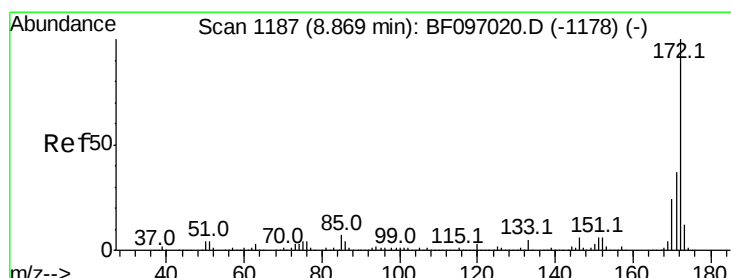
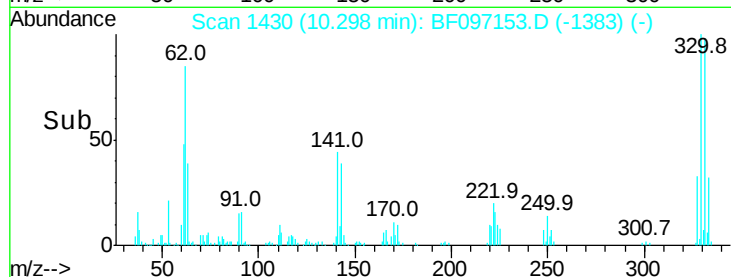
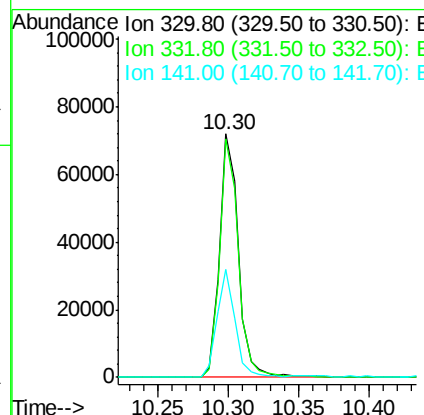
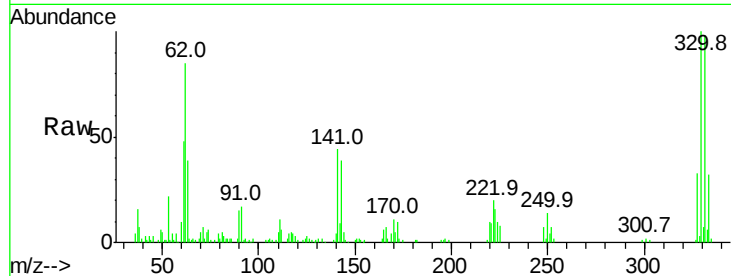
#41
 2,4,6-Tribromophenol
 Concen: 49.391 ng
 RT: 10.30 min Scan# 1430
 Delta R.T. -0.02 min
 Lab File: BF097153.D
 Acq: 28 Jul 2017 14:38

Instrument :
 BNA_F
 ClientSampleId :
 T-1C-14.5-15.0-072117

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.6	115.0
141	42.0	31.4	47.2

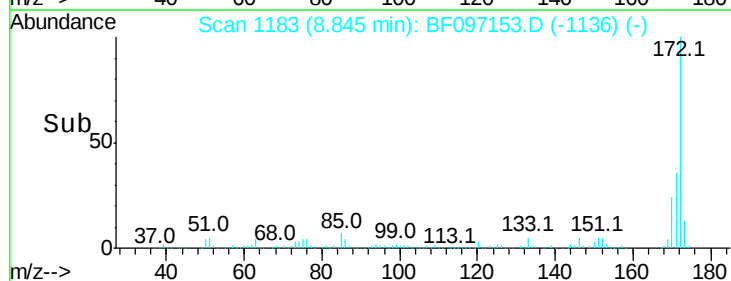
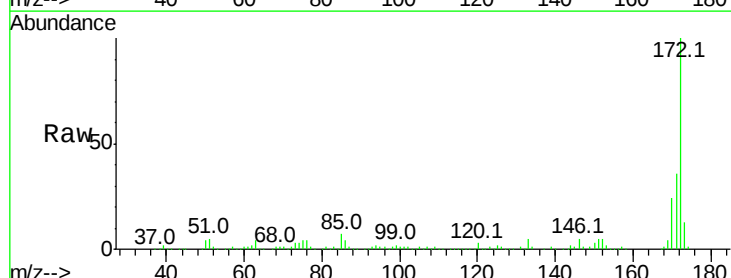
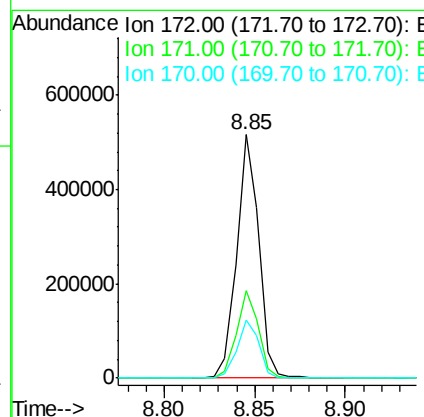
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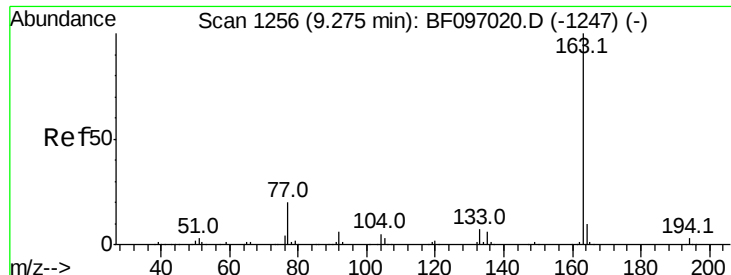
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#44
 2-Fluorobiphenyl
 Concen: 43.035 ng
 RT: 8.85 min Scan# 1183
 Delta R.T. -0.02 min
 Lab File: BF097153.D
 Acq: 28 Jul 2017 14:38

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.6	44.4
170	23.6	19.8	29.8





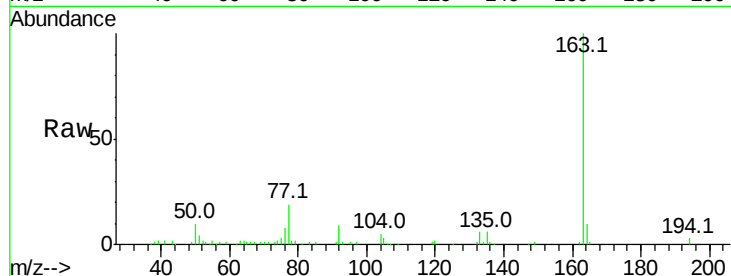
#49
Dimethylphthalate
Concen: 6.213 ng
RT: 9.25 min Scan# 1251
Delta R.T. -0.03 min
Lab File: BF097153.D
Acq: 28 Jul 2017 14:38

Instrument :
BNA_F
ClientSampleId :
T-1C-14.5-15.0-072117

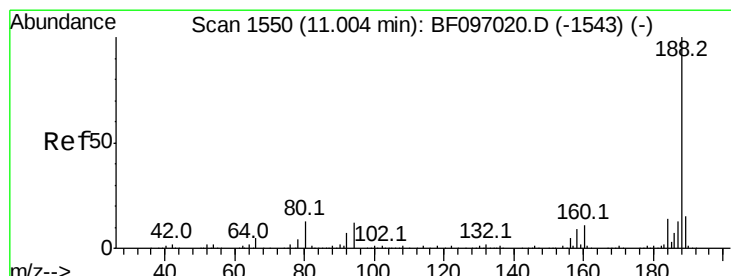
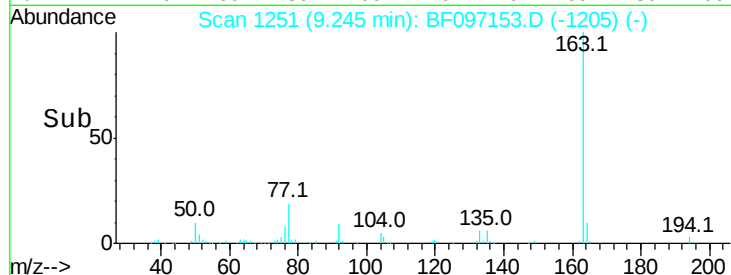
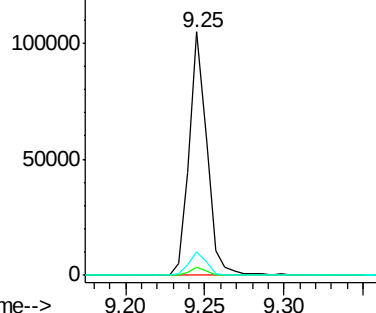
Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.4	2.6	4.0	
164	9.8	8.4	12.6	

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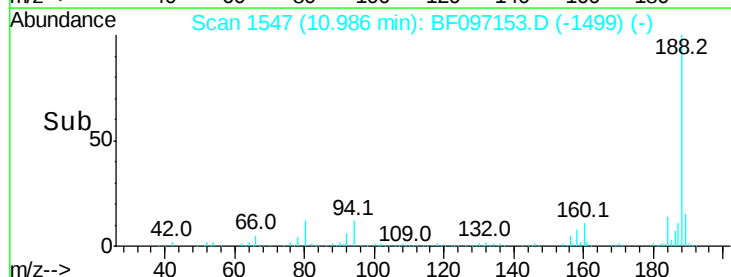
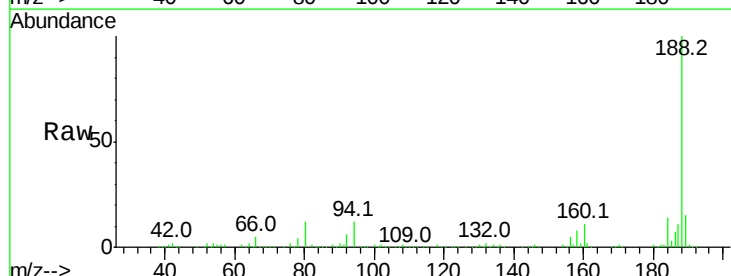
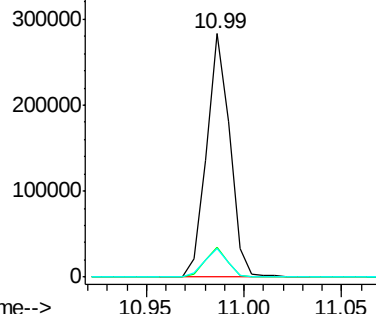
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

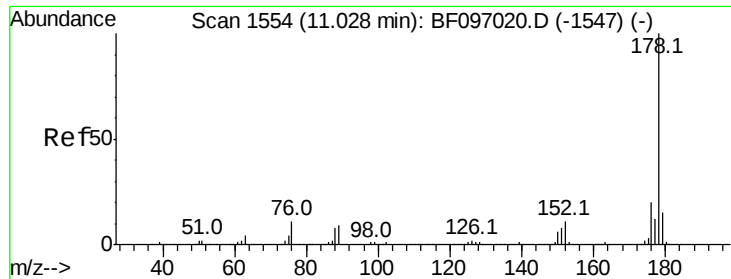


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 10.99 min Scan# 1547
Delta R.T. -0.02 min
Lab File: BF097153.D
Acq: 28 Jul 2017 14:38

Tgt Ion	Ratio	Resp	Lower	Upper
188	100			
94	12.1	9.4	14.2	
80	12.0	10.2	15.2	

Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0





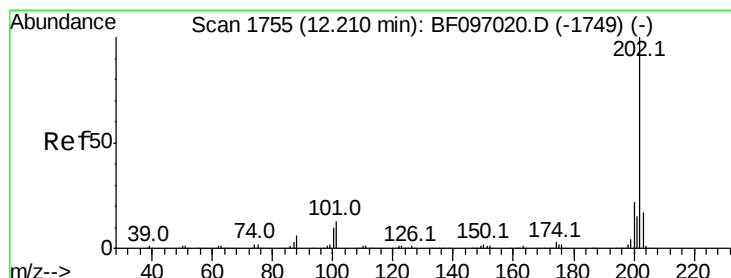
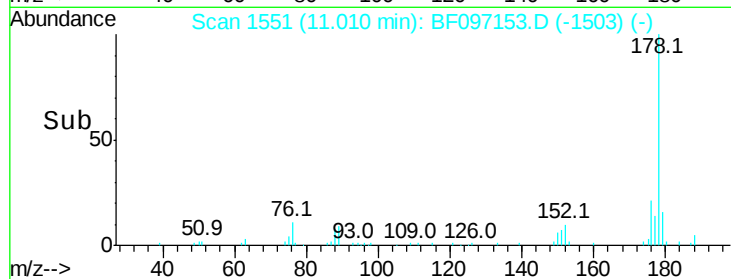
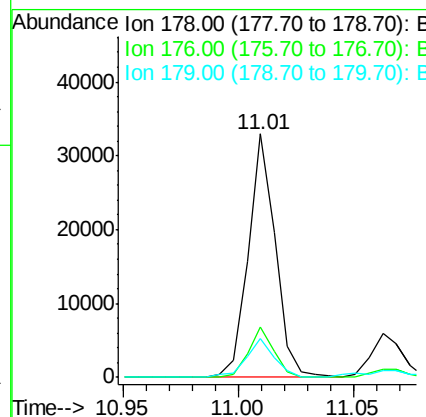
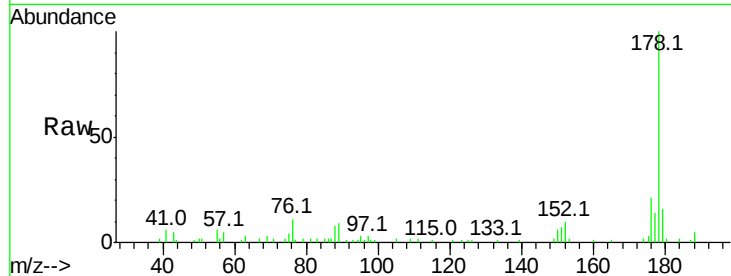
#70
Phenanthrene
Concen: 2.153 ng
RT: 11.01 min Scan# 1551
Delta R.T. -0.02 min
Lab File: BF097153.D
Acq: 28 Jul 2017 14:38

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
178	100		
176	20.5	16.2	24.4
179	15.7	12.6	19.0

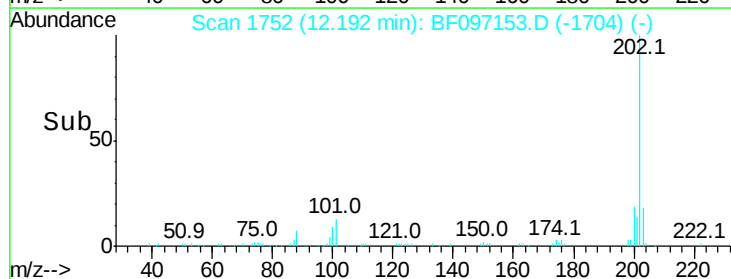
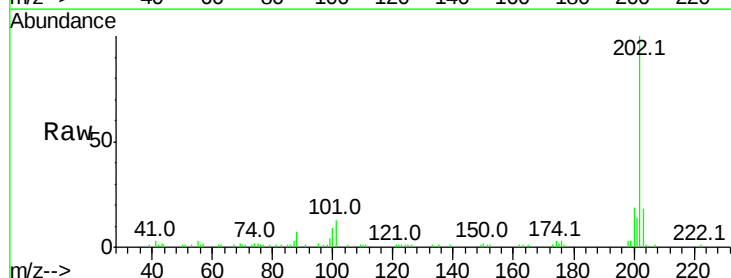
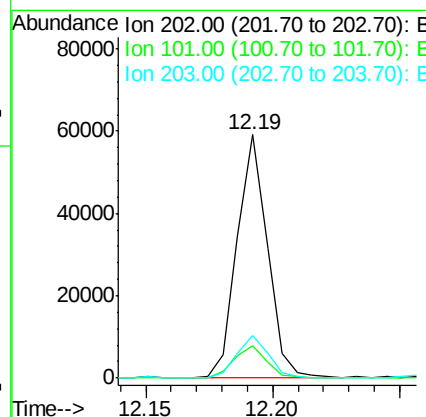
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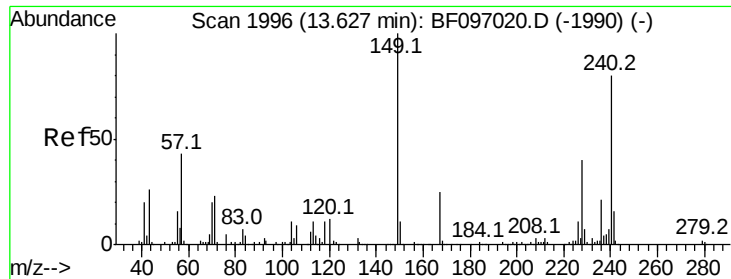
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#74
Fluoranthene
Concen: 3.989 ng
RT: 12.19 min Scan# 1752
Delta R.T. -0.02 min
Lab File: BF097153.D
Acq: 28 Jul 2017 14:38

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.1	0.0	33.2
203	17.5	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: BF097153.D

Acq: 28 Jul 2017 14:38

Instrument :

BNA_F

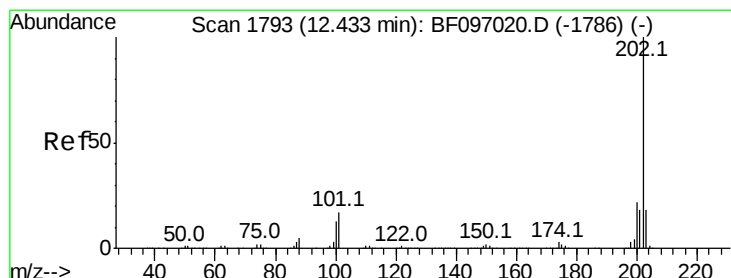
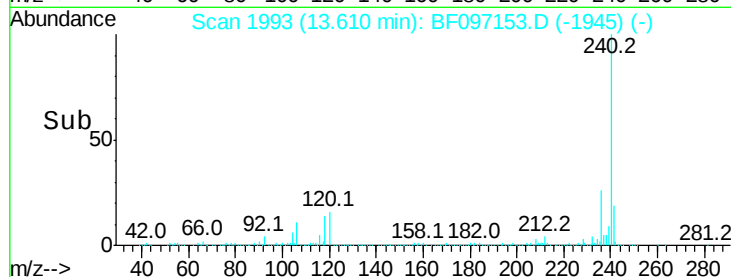
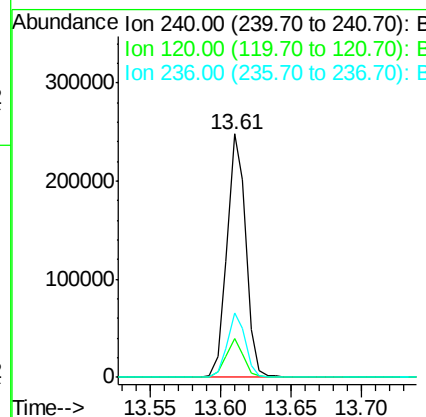
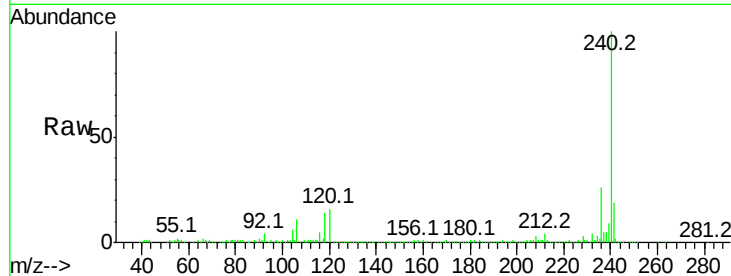
ClientSampleId :

T-1C-14.5-15.0-072117

Tot Ion	Ratio	Lower	Upper
240	100		
120	15.7	5.8	8.8#
236	26.2	20.5	30.7

Manual Integrations
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#77

Pyrene

Concen: 2.434 ng

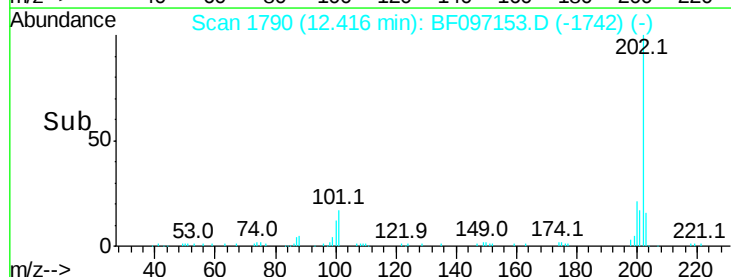
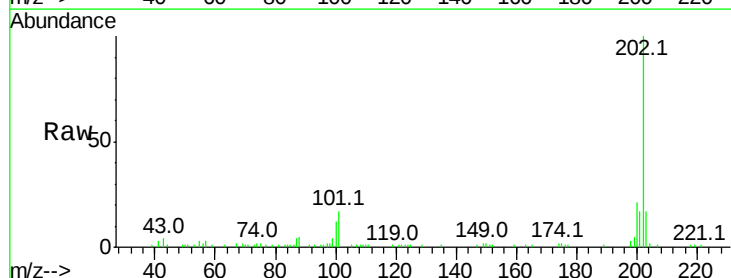
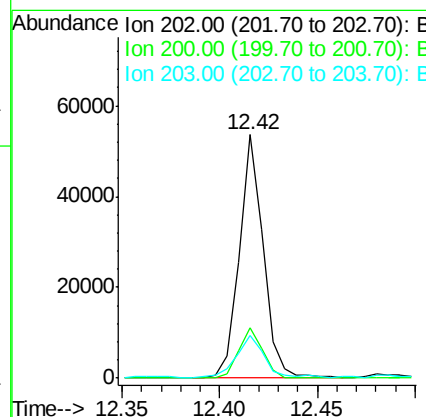
RT: 12.42 min Scan# 1790

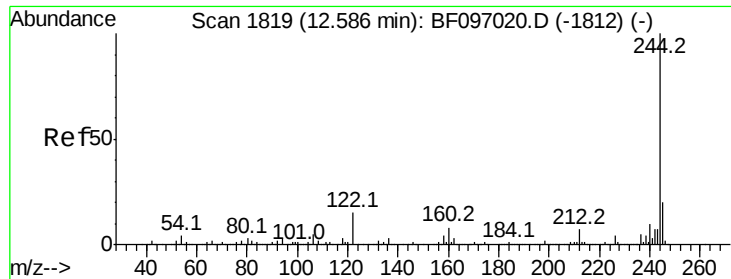
Delta R.T. -0.02 min

Lab File: BF097153.D

Acq: 28 Jul 2017 14:38

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.6	17.6	26.4
203	17.3	14.4	21.6





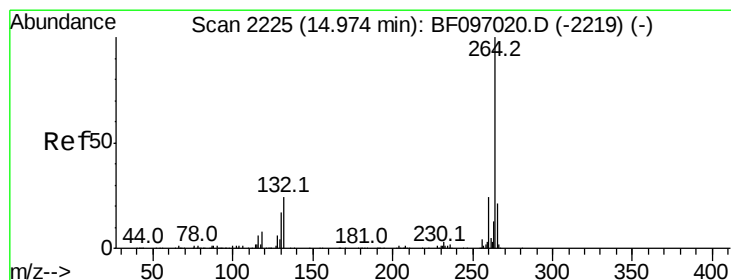
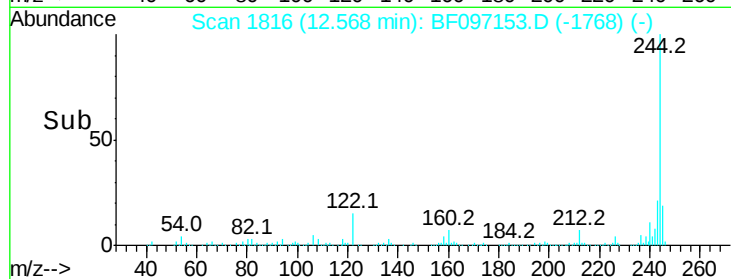
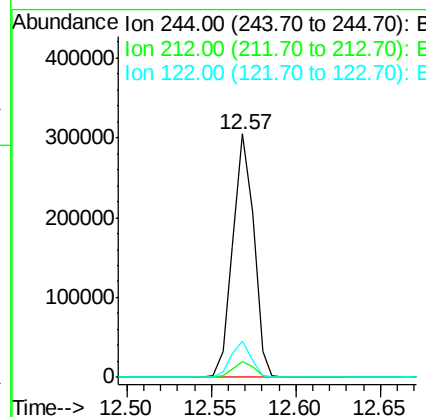
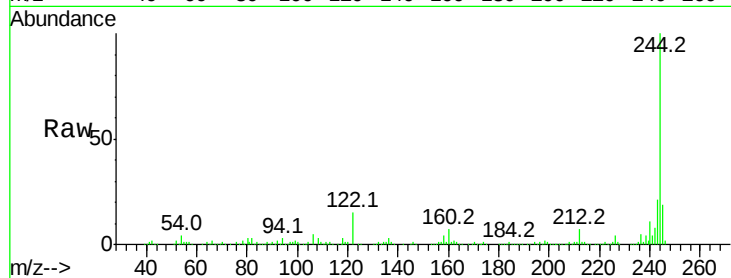
#78
 Terphenyl-d14
 Concen: 23.442 ng
 RT: 12.57 min Scan# 1816
 Delta R.T. -0.02 min
 Lab File: BF097153.D
 Acq: 28 Jul 2017 14:38

Instrument :
 BNA_F
 ClientSampleId :
 T-1C-14.5-15.0-072117

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.6	6.0	9.0
122	15.0	10.3	15.5

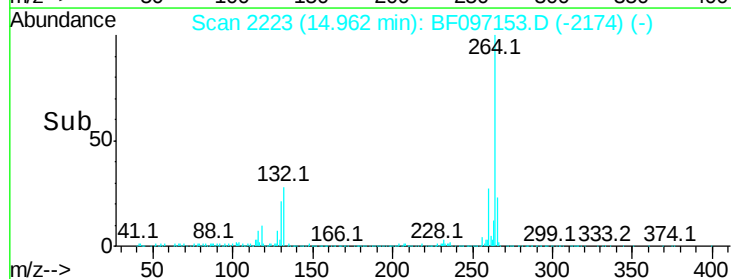
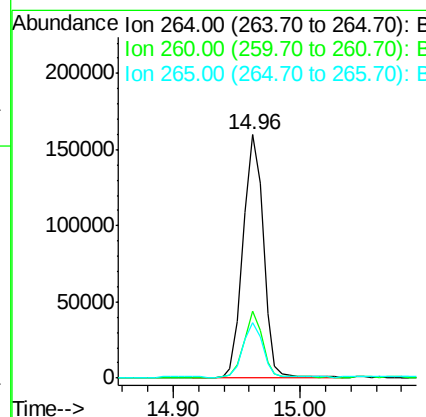
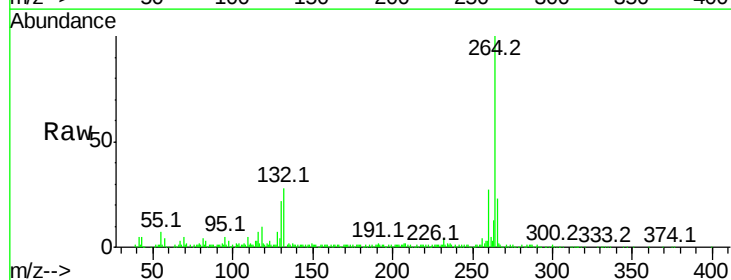
Manual Integrations
 APPROVED

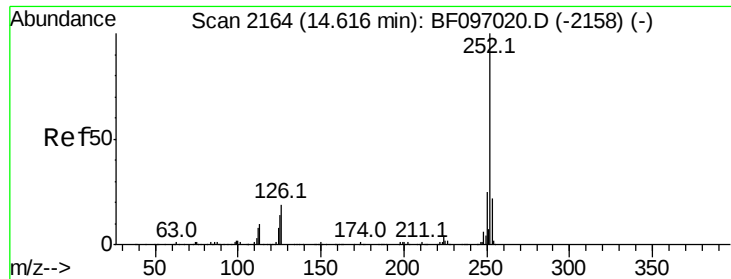
Sohil
 7/31/2017 6:51:42 PM



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 14.96 min Scan# 2223
 Delta R.T. -0.01 min
 Lab File: BF097153.D
 Acq: 28 Jul 2017 14:38

Tgt Ion	Ratio	Lower	Upper
264	100		
260	27.3	19.5	29.3
265	23.0	17.2	25.8





#87
 Benzo(b)fluoranthene
 Concen: 2.713 ng/ml
 RT: 14.60 min Scan# 2162
 Delta R.T. -0.01 min
 Lab File: BF097153.D
 Acq: 28 Jul 2017 14:38

Instrument :
 BNA_F
 ClientSampleId :
 T-1C-14.5-15.0-072117

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.1	27.1
125	19.3	9.8	14.8

Manual Integrations
 APPROVED

Sohil
 7/31/2017 6:51:42 PM

