

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072817\
 Data File : BF097177.D
 Acq On : 29 Jul 2017 2:05
 Operator : SJ/JU
 Sample : I4456-11
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-16D24

Manual Integrations
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Sohil
 7/31/2017 6:52:28 PM

Quant Time: Jul 29 03:26:46 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	110172	20.00	ng	-0.01
21) Naphthalene-d8	7.77	136	385419	20.00	ng	-0.02
38) Acenaphthene-d10	9.52	164	155814	20.00	ng	-0.02
63) Phenanthrene-d10	10.99	188	204945	20.00	ng	-0.02
75) Chrysene-d12	13.61	240	220353	20.00	ng	-0.02
86) Perylene-d12	14.96	264	159212	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.09	112	829763	113.54	ng	0.00
7) Phenol-d6	6.15	99	963808	115.52	ng	-0.02
23) Nitrobenzene-d5	7.06	82	547829	83.38	ng	-0.02
41) 2,4,6-Tribromophenol	10.30	330	116526	94.65	ng	-0.02
44) 2-Fluorobiphenyl	8.85	172	706160	76.91	ng	-0.02
78) Terphenyl-d14	12.57	244	493716	45.68	ng	-0.01
Target Compounds						
10) Phenol	6.16	94	27219	2.750	ng	Qvalue 97
49) Dimethylphthalate	9.25	163	129458	10.941	ng	98
70) Phenanthrene	11.01	178	29978	2.730	ng	99
74) Fluoranthene	12.19	202	69352	6.447	ng	94
77) Pyrene	12.42	202	63635	3.528	ng	97
80) Benzo(a)anthracene	13.60	228	32771	2.298	ng	95
82) Chrysene	13.64	228	31149	2.237	ng	96
87) Benzo(b)fluoranthene	14.60	252	35745m	3.735	ng	
89) Benzo(a)pyrene	14.91	252	22481	2.567	ng	# 90

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

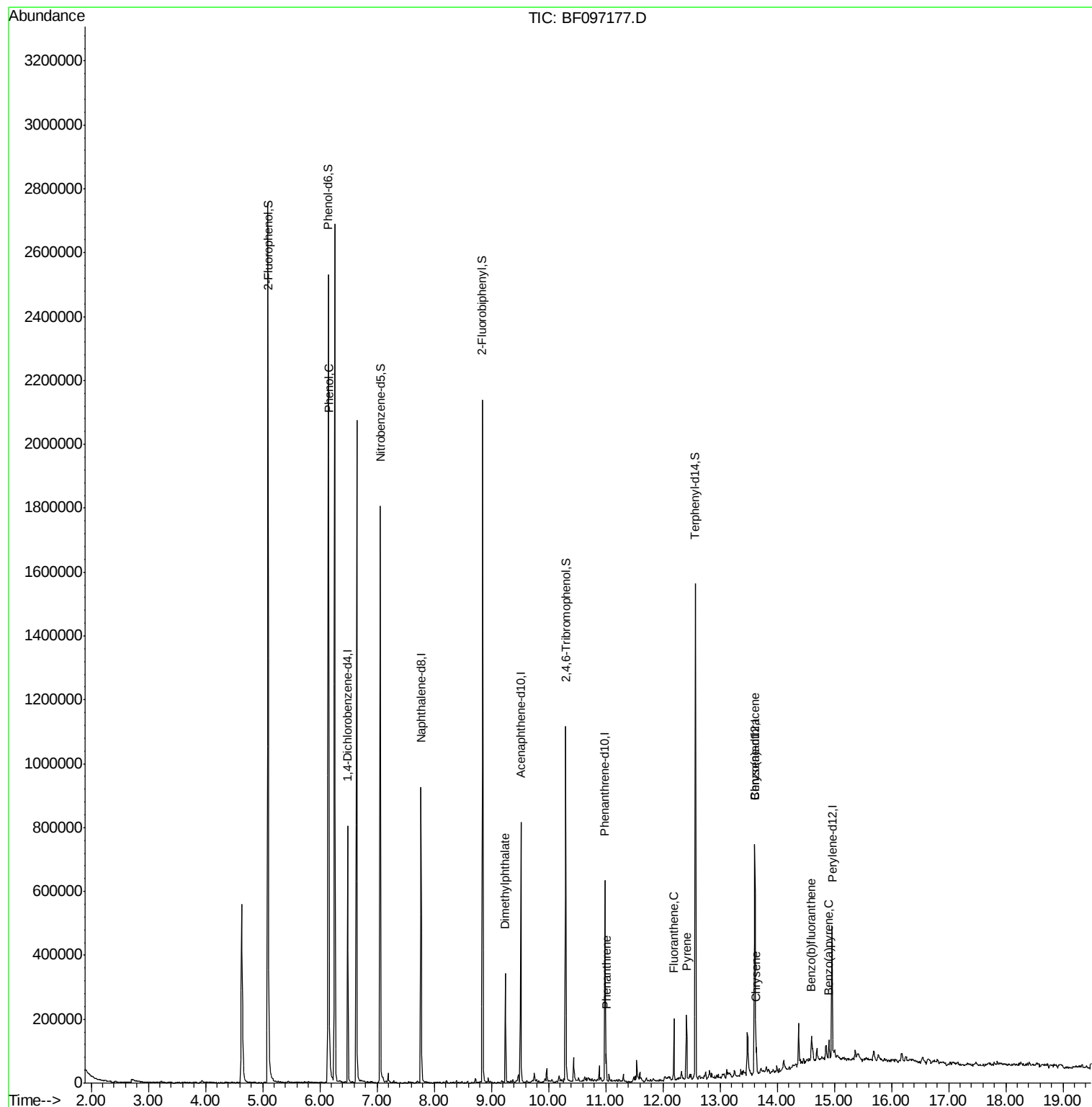
Data Path : Z:\HPCHEM1\BNA F\DATA\BF072817\
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ALS Vial : 21 Sample Multiplier: 1

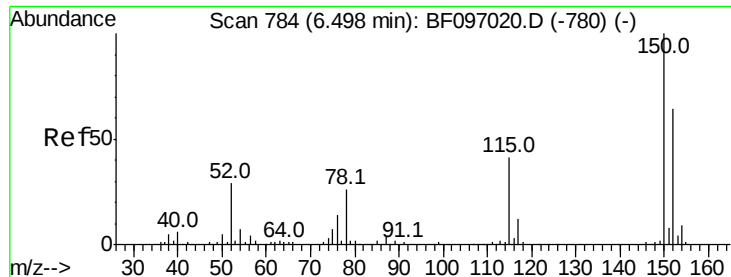
Instrument :
BNA_F
ClientSampleId :
TP-16D24

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#1

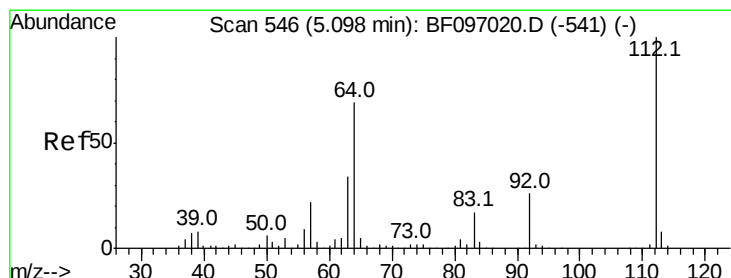
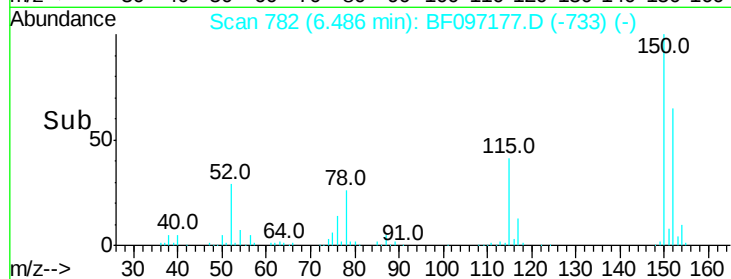
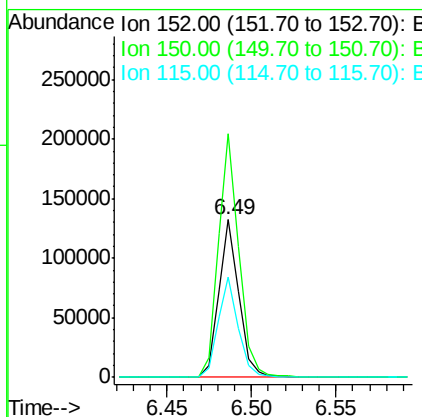
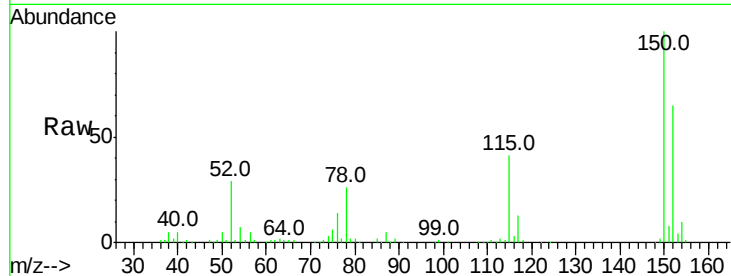
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.49 min Scan# 782
Delta R.T. -0.01 min
Lab File: BF097177.D
Acq: 29 Jul 2017 2:05

Instrument :
BNA_F
ClientSampled :
TP-16D24

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.8	126.2	189.2
115	63.4	52.2	78.2

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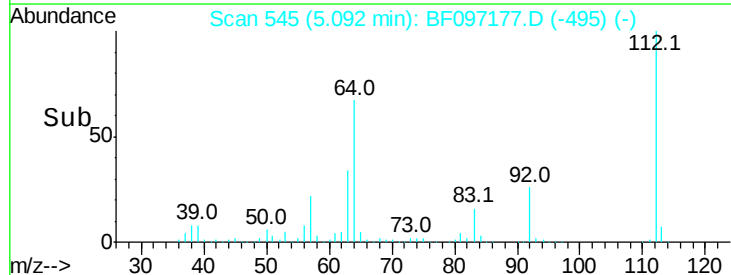
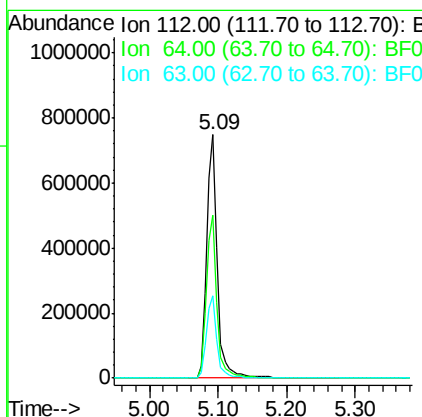
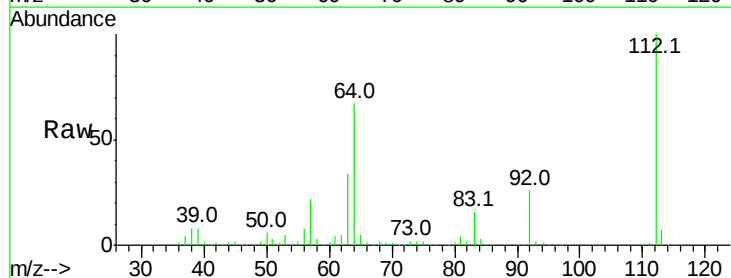
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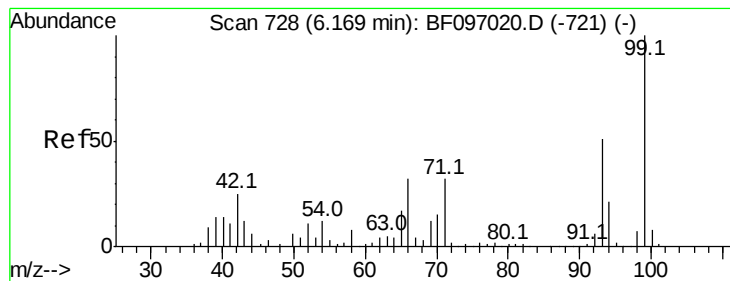


#5

2-Fluorophenol
Concen: 113.537 ng
RT: 5.09 min Scan# 545
Delta R.T. -0.01 min
Lab File: BF097177.D
Acq: 29 Jul 2017 2:05

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.0	46.0	69.0
63	34.1	23.4	35.0





#7

Phenol-d6

Concen: 115.519 ng

RT: 6.15 min Scan# 725

Delta R.T. -0.02 min

Lab File: BF097177.D

Acq: 29 Jul 2017 2:05

Instrument :

BNA_F

ClientSampled :

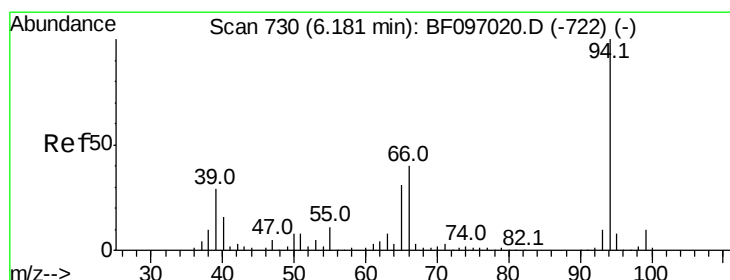
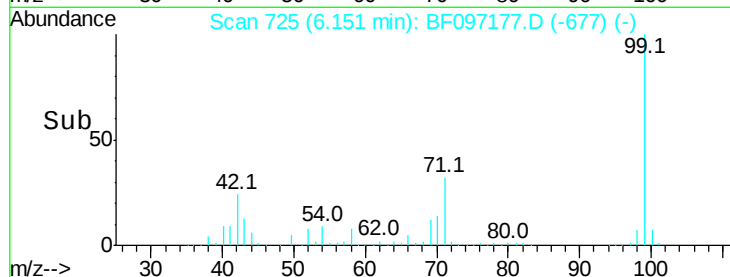
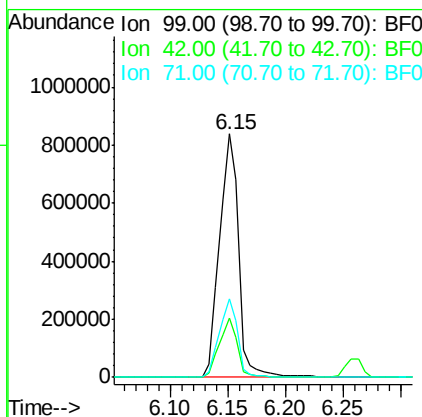
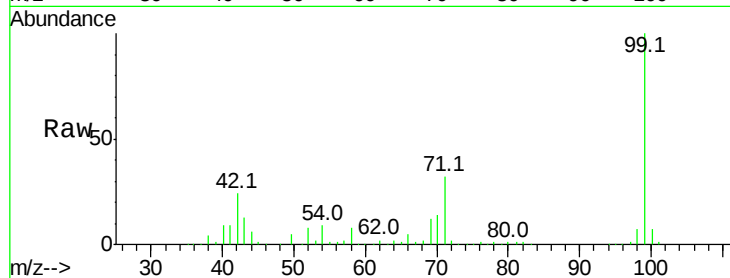
TP-16D24

Tot Ion	Ratio	Resp	Lower	Upper
99	100	963808		
42	24.2		13.5	20.3#
71	32.1		24.5	36.7

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#10

Phenol

Concen: 2.750 ng

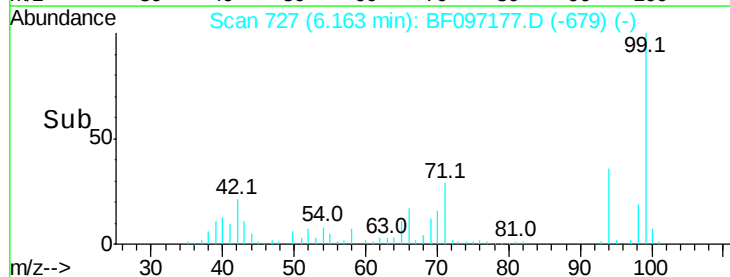
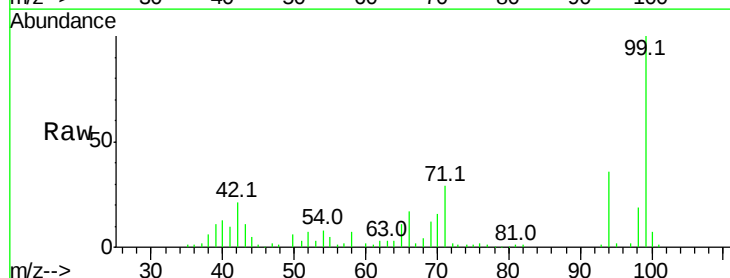
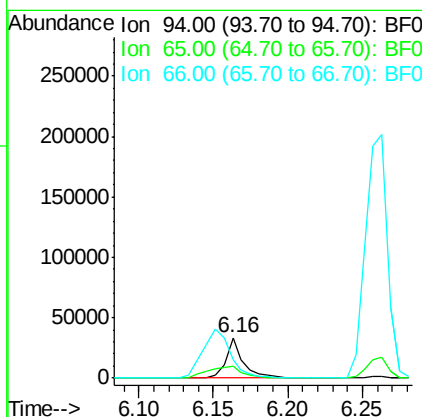
RT: 6.16 min Scan# 727

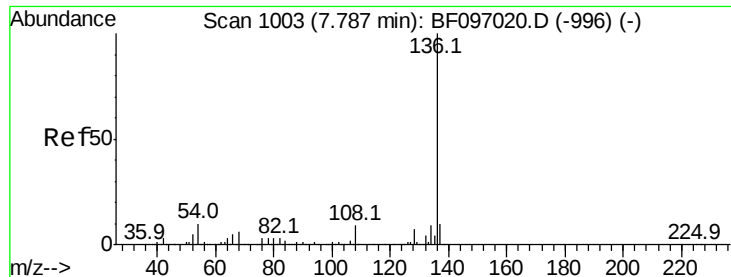
Delta R.T. -0.02 min

Lab File: BF097177.D

Acq: 29 Jul 2017 2:05

Tgt Ion	Ratio	Resp	Lower	Upper
94	100	27219		
65	30.2		9.9	49.9
66	46.5		23.1	63.1





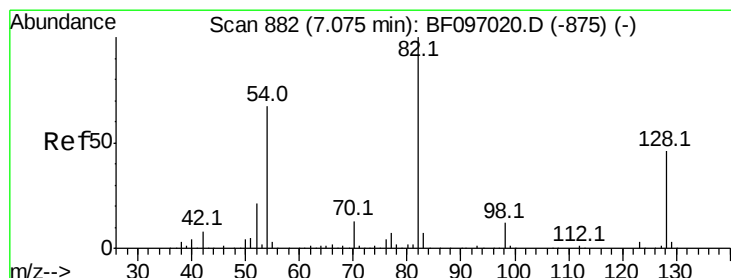
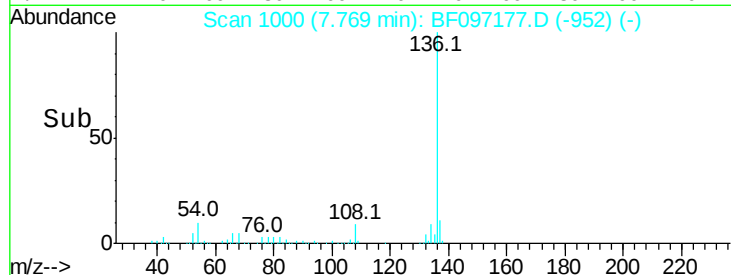
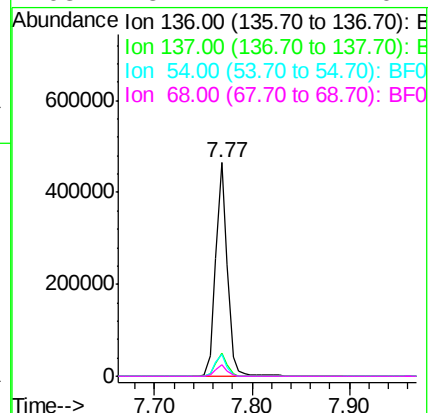
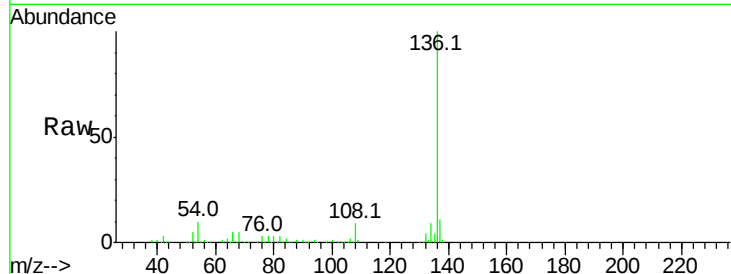
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.77 min Scan# 1000
Delta R.T. -0.02 min
Lab File: BF097177.D
Acq: 29 Jul 2017 2:05

Instrument :
BNA_F
ClientSampleId :
TP-16D24

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.8	8.5	12.7	
54	10.1	4.9	7.3#	
68	5.2	4.1	6.1	

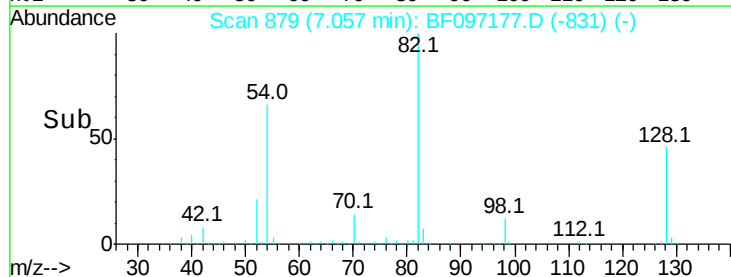
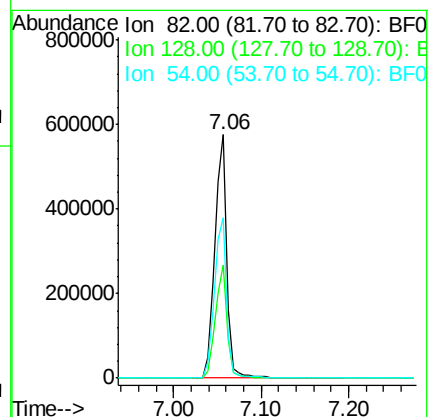
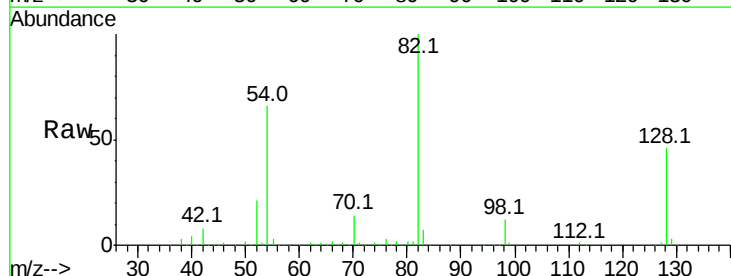
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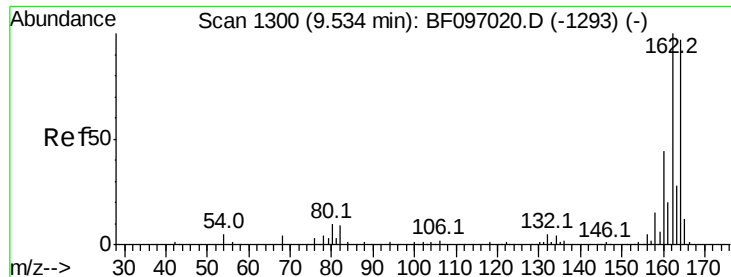
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#23
Nitrobenzene-d5
Concen: 83.384 ng
RT: 7.06 min Scan# 879
Delta R.T. -0.02 min
Lab File: BF097177.D
Acq: 29 Jul 2017 2:05

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	46.3	34.0	51.0	
54	65.7	42.2	63.2#	





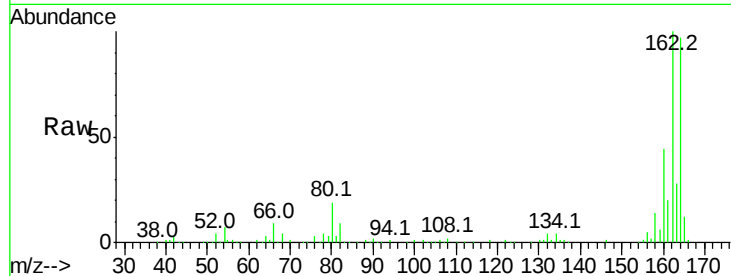
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.52 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BF097177.D
Acq: 29 Jul 2017 2:05

Instrument :
BNA_F
ClientSampleId :
TP-16D24

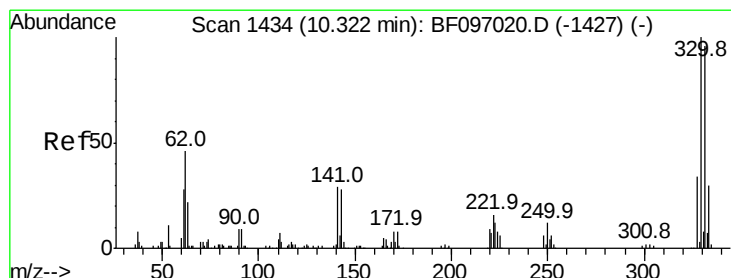
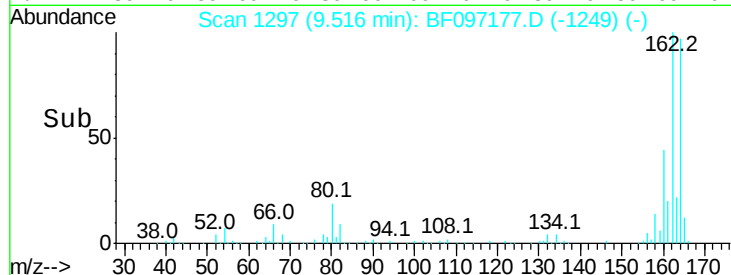
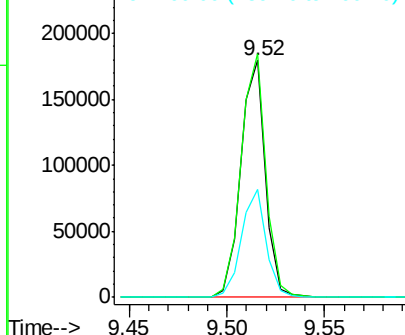
Tot Ion	Ratio	Resp	Lower	Upper
164	100	155814		
162	102.9	82.6	123.8	
160	45.7	36.2	54.2	

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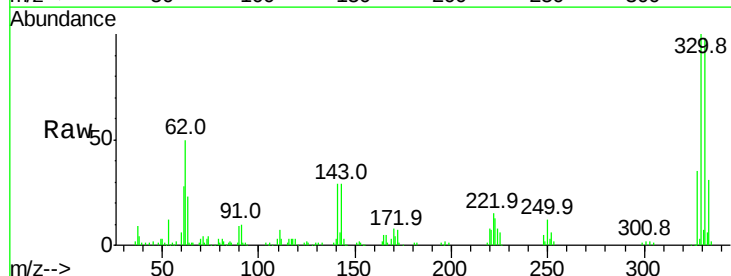


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

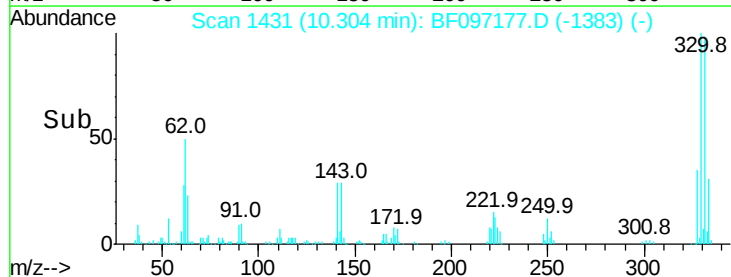
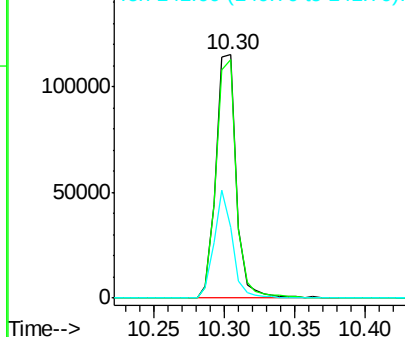


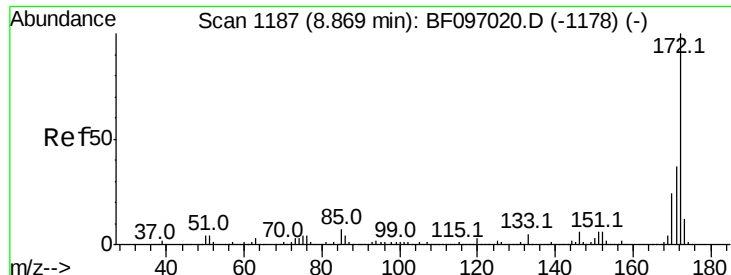
#41
2,4,6-Tribromophenol
Concen: 94.653 ng
RT: 10.30 min Scan# 1431
Delta R.T. -0.02 min
Lab File: BF097177.D
Acq: 29 Jul 2017 2:05

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	116526		
332	97.2	76.6	115.0	
141	39.4	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





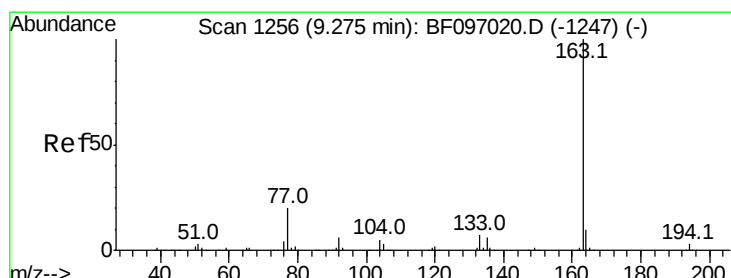
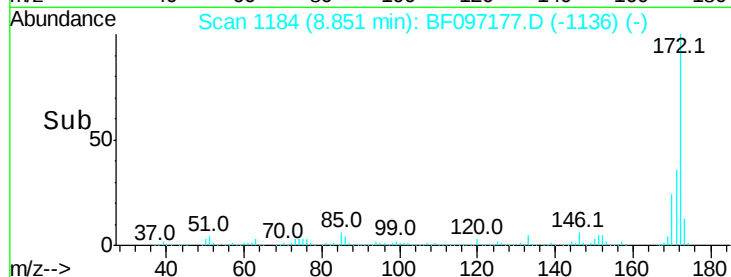
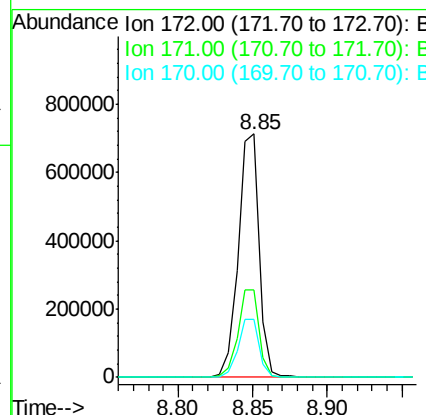
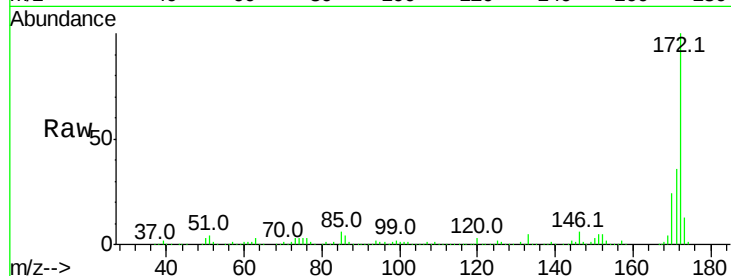
#44
2-Fluorobiphenyl
Concen: 76.914 ng
RT: 8.85 min Scan# 1184
Delta R.T. -0.02 min
Lab File: BF097177.D
Acq: 29 Jul 2017 2:05

Instrument :
BNA_F
ClientSampleId :
TP-16D24

Tot Ion	Ratio	Resp Lower	Upper
172	100		
171	36.0	29.6	44.4
170	23.7	19.8	29.8

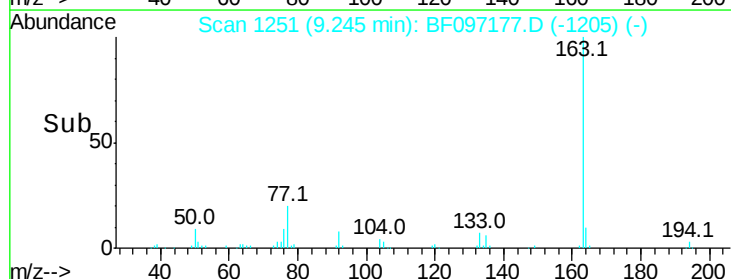
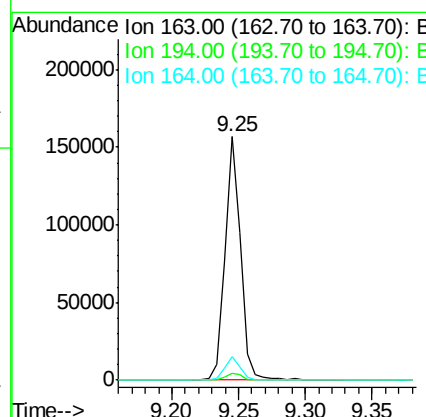
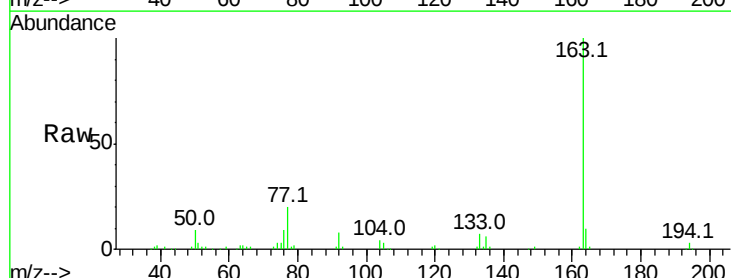
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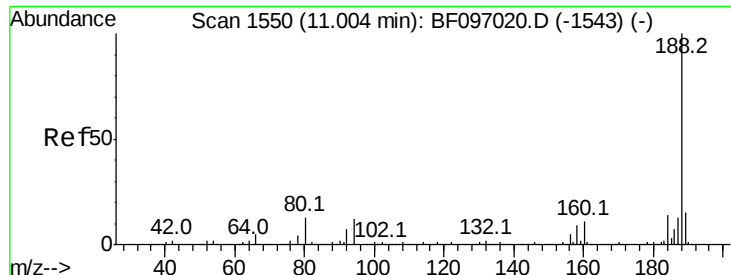
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#49
Dimethylphthalate
Concen: 10.941 ng
RT: 9.25 min Scan# 1251
Delta R.T. -0.03 min
Lab File: BF097177.D
Acq: 29 Jul 2017 2:05

Tgt Ion	Ratio	Resp Lower	Upper
163	100		
194	2.7	2.6	4.0
164	9.7	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: BF097177.D

Acq: 29 Jul 2017 2:05

Instrument :

BNA_F

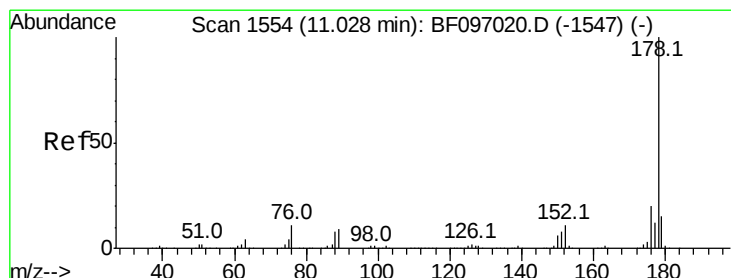
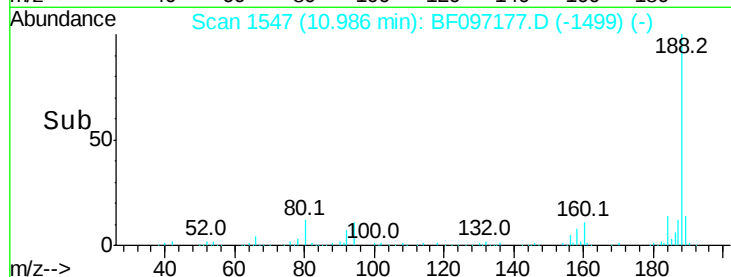
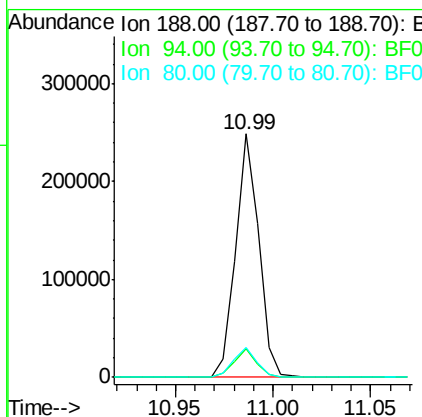
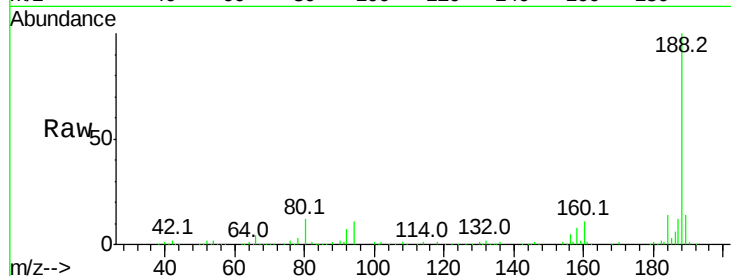
ClientSampleId :

TP-16D24

Tot Ion:	188	Resp:	204945
Ion Ratio	Lower	Upper	
188	100		
94	11.5	9.4	14.2
80	12.5	10.2	15.2

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#70

Phenanthrene

Concen: 2.730 ng

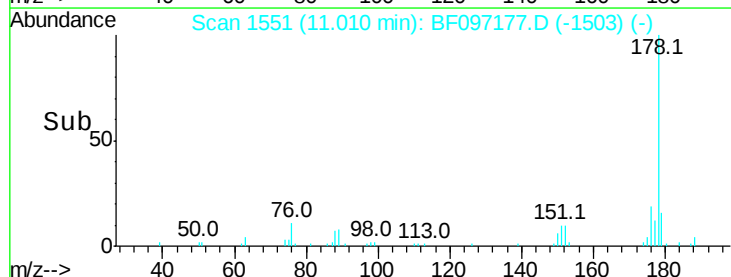
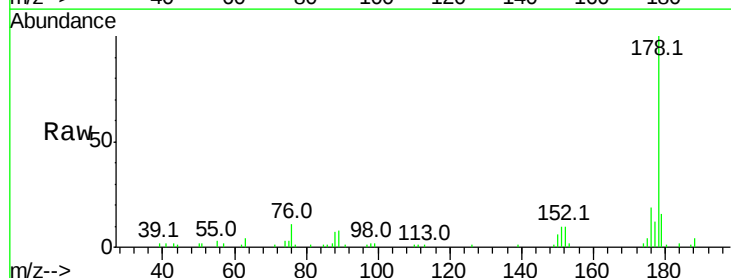
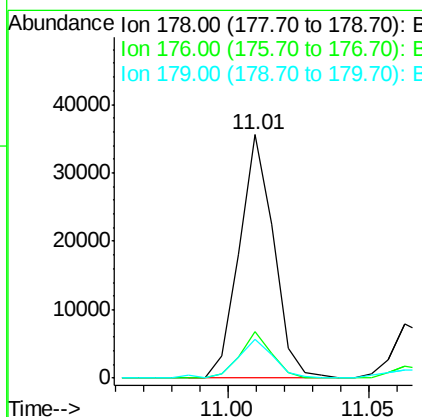
RT: 11.01 min Scan# 1551

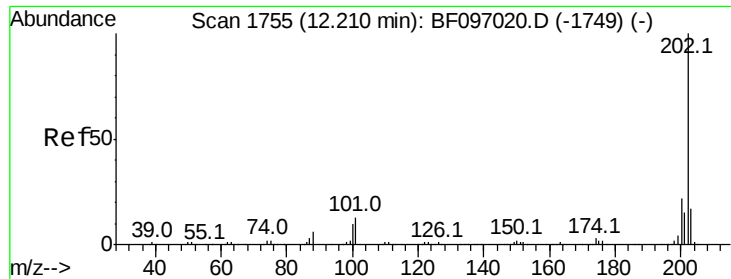
Delta R.T. -0.02 min

Lab File: BF097177.D

Acq: 29 Jul 2017 2:05

Tgt Ion:	178	Resp:	29978
Ion Ratio	Lower	Upper	
178	100		
176	19.1	16.2	24.4
179	15.8	12.6	19.0





#74

Fluoranthene

Concen: 6.447 ng

RT: 12.19 min Scan# 1752

Delta R.T. -0.02 min

Lab File: BF097177.D

Acq: 29 Jul 2017 2:05

Instrument :

BNA_F

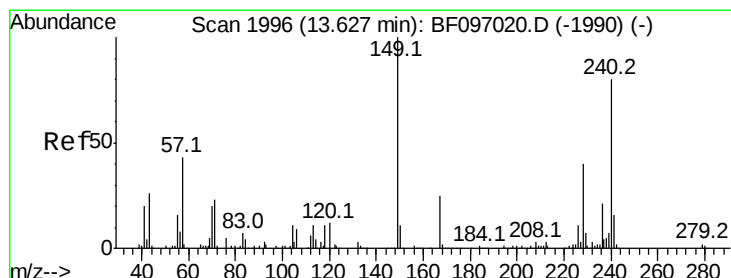
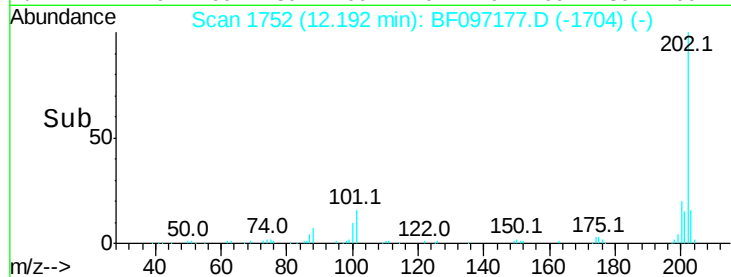
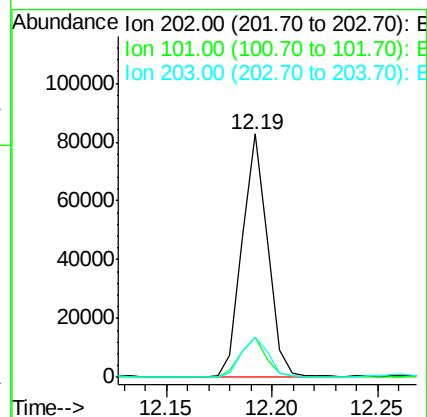
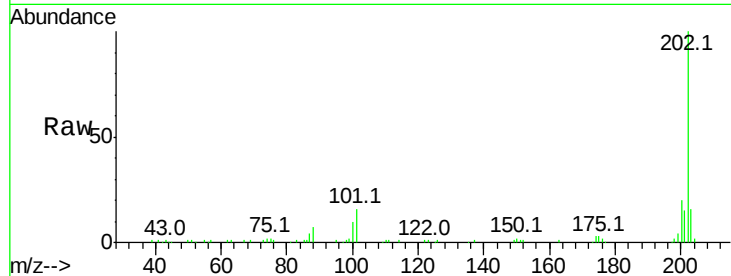
ClientSampled :

TP-16D24

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	16.5	0.0	33.2
203	16.3	0.0	38.1

Manual Integrations
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#75

Chrysene-d12

Concen: 20.000 ng

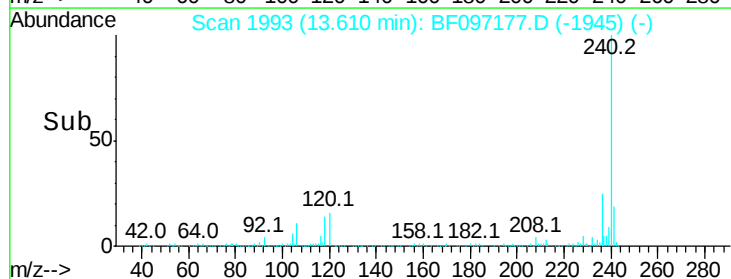
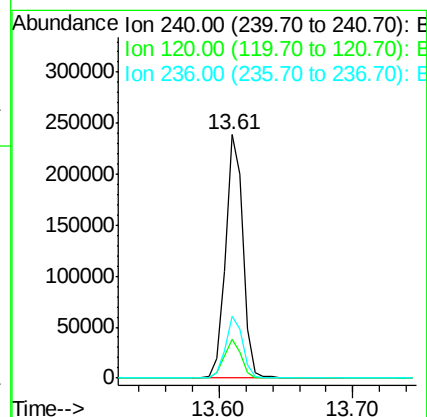
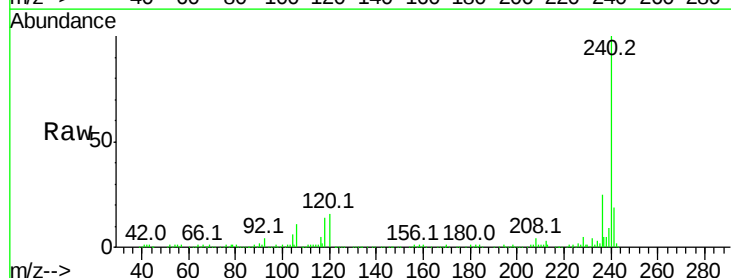
RT: 13.61 min Scan# 1993

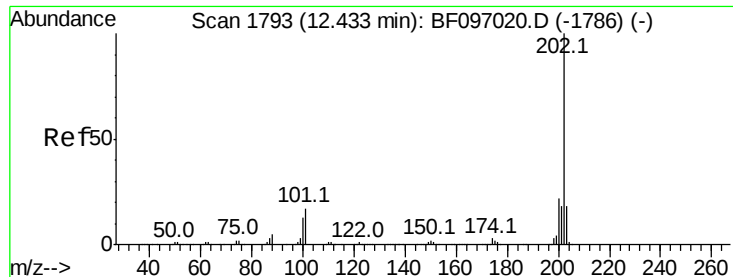
Delta R.T. -0.02 min

Lab File: BF097177.D

Acq: 29 Jul 2017 2:05

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	16.0	5.8	8.8#
236	25.4	20.5	30.7





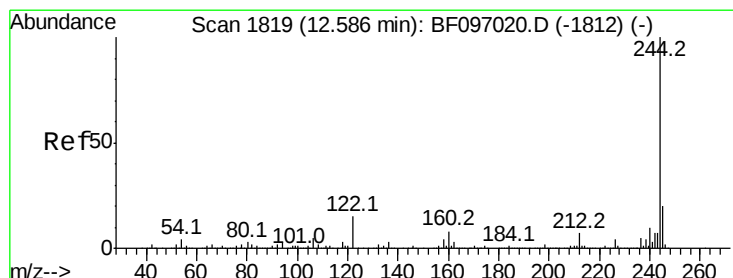
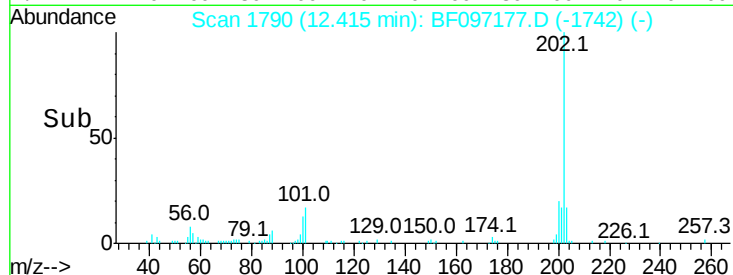
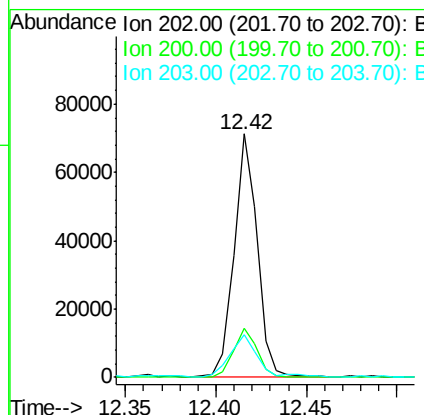
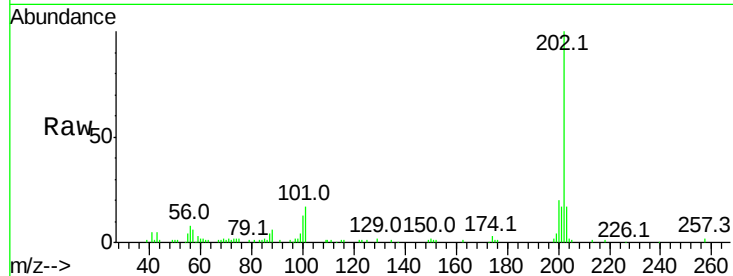
#77
Pvrene
Concen: 3.528 ng
RT: 12.42 min Scan# 1790
Delta R.T. -0.02 min
Lab File: BF097177.D
Acq: 29 Jul 2017 2:05

Instrument :
BNA_F
ClientSampled :
TP-16D24

Tot Ion	Ratio	Lower	Upper
202	100		
200	19.9	17.6	26.4
203	17.4	14.4	21.6

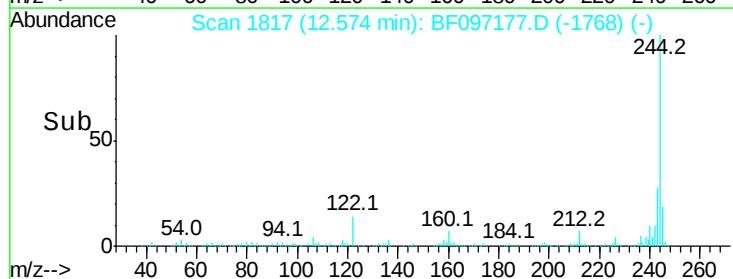
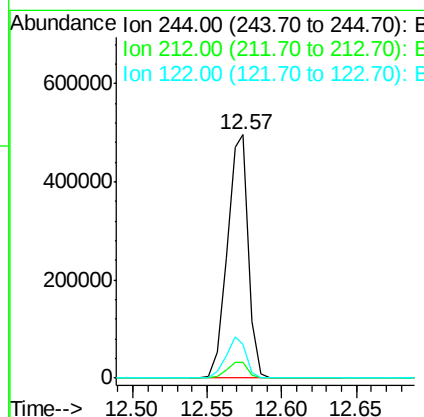
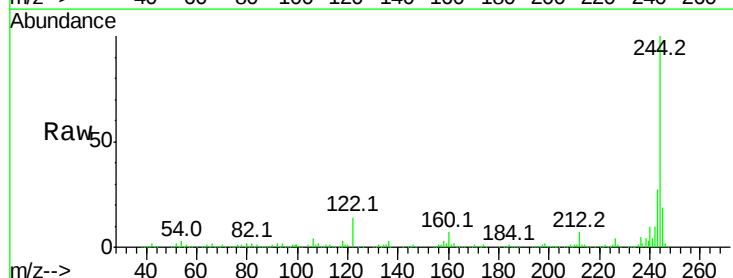
Manual Integrations
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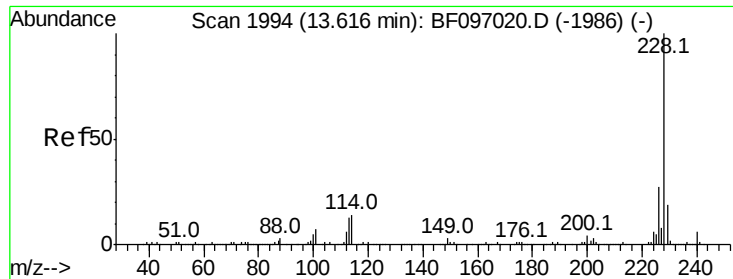
Sohil
7/31/2017 6:52:28 PM



#78
Terphenyl-d14
Concen: 45.682 ng
RT: 12.57 min Scan# 1817
Delta R.T. -0.01 min
Lab File: BF097177.D
Acq: 29 Jul 2017 2:05

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.5	6.0	9.0
122	13.6	10.3	15.5





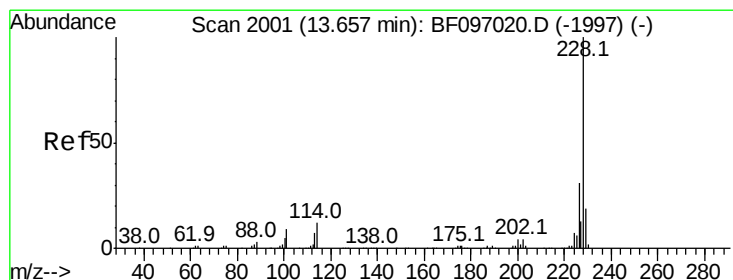
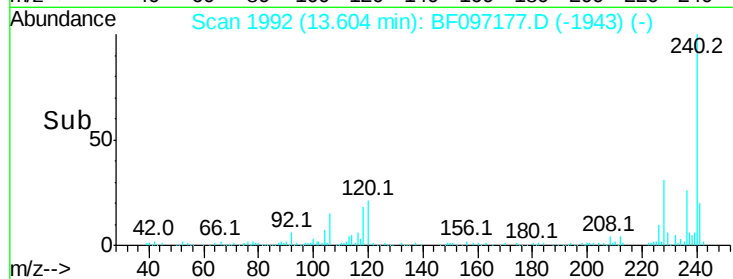
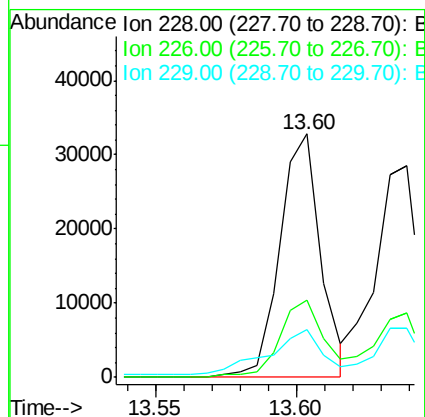
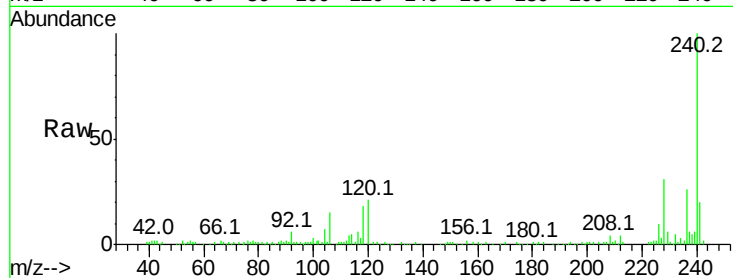
#80
Benzo(a)anthracene
Concen: 2.298 ng
RT: 13.60 min Scan# 1992
Delta R.T. -0.01 min
Lab File: BF097177.D
Acq: 29 Jul 2017 2:05

Instrument :
BNA_F
ClientSampleId :
TP-16D24

Tot Ion	Ratio	Resp	Lower	Upper
228	100	32771		
226	31.7		22.6	33.8
229	19.6		16.3	24.5

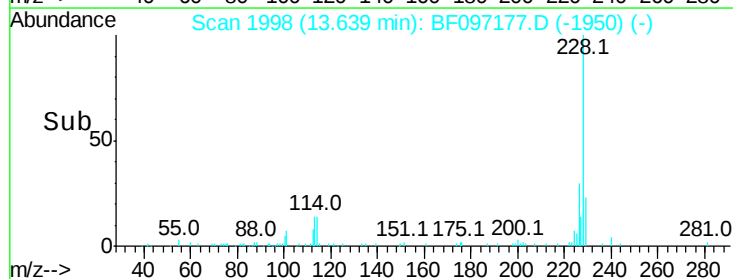
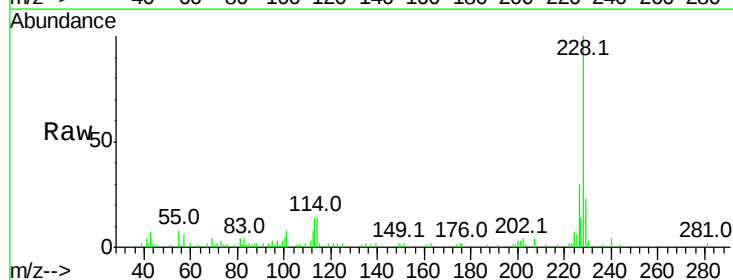
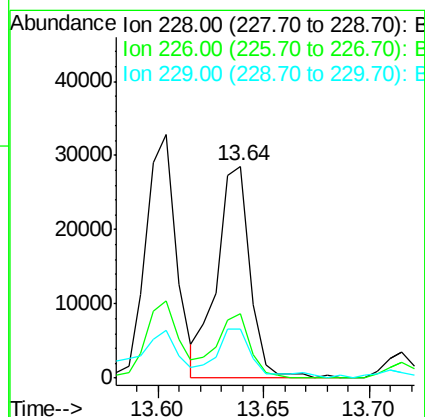
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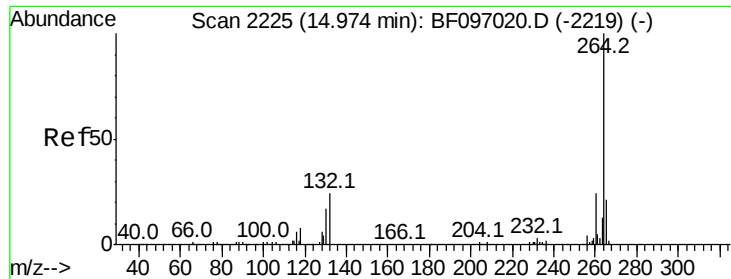
Sohil
7/31/2017 6:52:28 PM



#82
Chrysene
Concen: 2.237 ng
RT: 13.64 min Scan# 1998
Delta R.T. -0.02 min
Lab File: BF097177.D
Acq: 29 Jul 2017 2:05

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	31149		
226	30.2		24.9	37.3
229	23.1		15.8	23.6





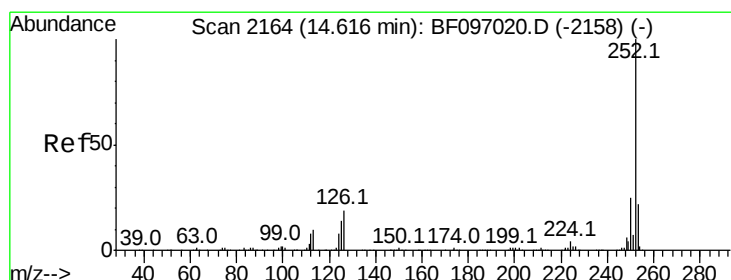
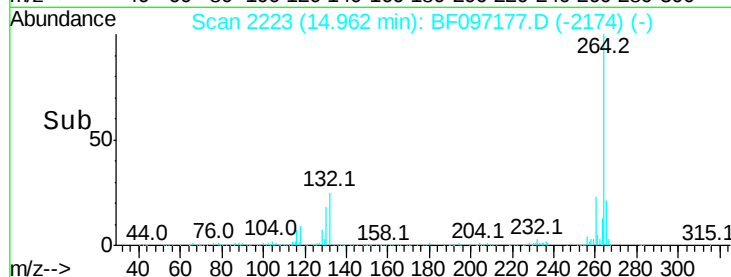
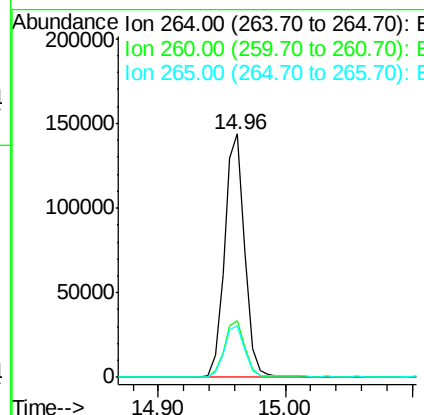
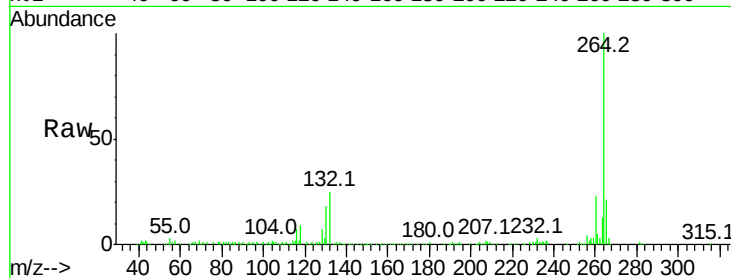
#86
Pervlene-d12
Concen: 20.000 ng
RT: 14.96 min Scan# 2223
Delta R.T. -0.01 min
Lab File: BF097177.D
Acq: 29 Jul 2017 2:05

Instrument :
BNA_F
ClientSampleId :
TP-16D24

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.5	29.3
265	21.2	17.2	25.8

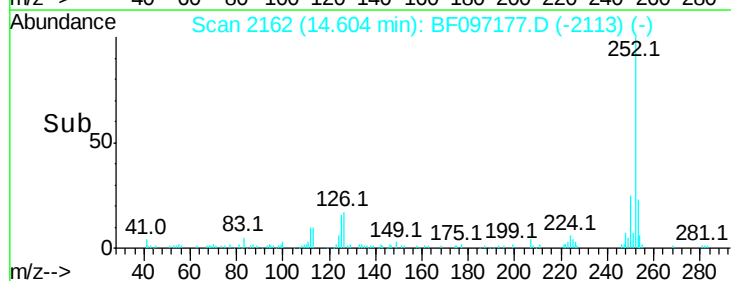
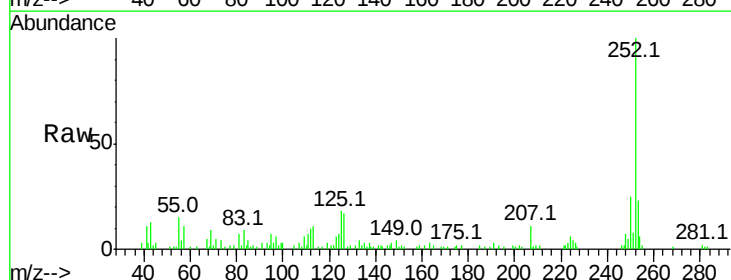
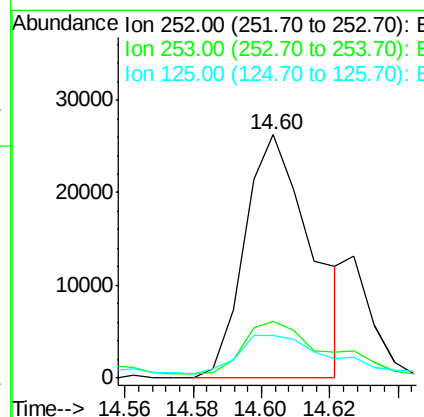
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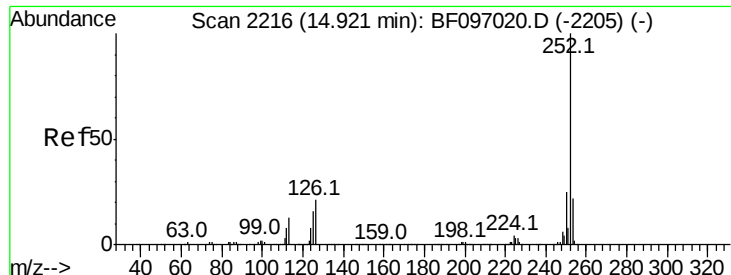
Sohil
7/31/2017 6:52:28 PM



#87
Benzo(b)fluoranthene
Concen: 3.735 ng m
RT: 14.60 min Scan# 2162
Delta R.T. -0.01 min
Lab File: BF097177.D
Acq: 29 Jul 2017 2:05

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.1	27.1
125	17.6	9.8	14.8





#89

Benzo(a)pyrene

Concen: 2.567 ng

RT: 14.91 min Scan# 2214

Delta R.T. -0.01 min

Lab File: BF097177.D

Acq: 29 Jul 2017 2:05

Instrument :

BNA_F

ClientSampleId :

TP-16D24

Tot Ion:	252	Resp:	22481
Ion Ratio	Lower	Upper	
252	100		
253	26.8	17.5	26.3#
125	17.7	11.0	16.4#

Manual Integrations
APPROVED

Sohil
7/31/2017 6:52:28 PM

