

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072817\
 Data File : BF097170.D
 Acq On : 28 Jul 2017 22:50
 Operator : SJ/JU
 Sample : I4456-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-8D24

Manual Integrations
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Quant Time: Jul 29 01:13:39 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	120157	20.00	ng	-0.01
21) Naphthalene-d8	7.77	136	481386	20.00	ng	-0.02
38) Acenaphthene-d10	9.52	164	178404	20.00	ng	-0.02
63) Phenanthrene-d10	10.99	188	235725	20.00	ng	-0.02
75) Chrysene-d12	13.61	240	200890	20.00	ng	-0.02
86) Perylene-d12	14.96	264	168116	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.09	112	705830	88.55	ng	-0.01
7) Phenol-d6	6.15	99	875801	96.25	ng	-0.02
23) Nitrobenzene-d5	7.06	82	581773	70.90	ng	-0.02
41) 2,4,6-Tribromophenol	10.30	330	103473	73.41	ng	-0.02
44) 2-Fluorobiphenyl	8.85	172	701291	66.71	ng	-0.02
78) Terphenyl-d14	12.57	244	394048	39.99	ng	-0.02
Target Compounds						
10) Phenol	6.16	94	25067	2.322	ng	98
49) Dimethylphthalate	9.25	163	176790	13.049	ng	100
70) Phenanthrene	11.01	178	33258	2.633	ng	95
74) Fluoranthene	12.19	202	43690	3.531	ng	97
77) Pyrene	12.42	202	57126	3.474	ng	100
87) Benzo(b)fluoranthene	14.60	252	23814m	2.356	ng	

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

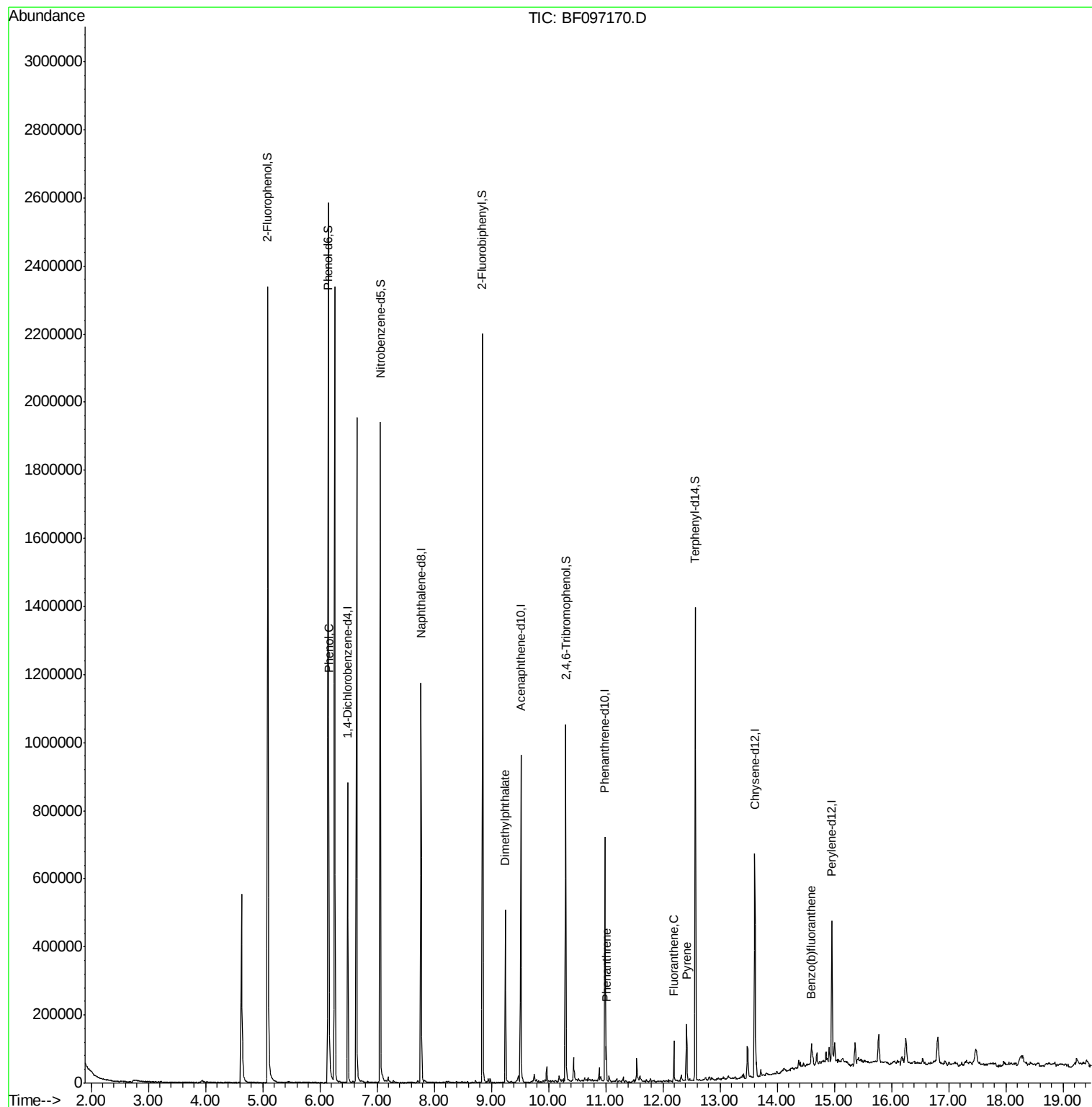
Data Path : Z:\HPCHEM1\BNA F\DATA\BF072817\
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Sample : I4456-03
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ALS Vial : 14 Sample Multiplier: 1

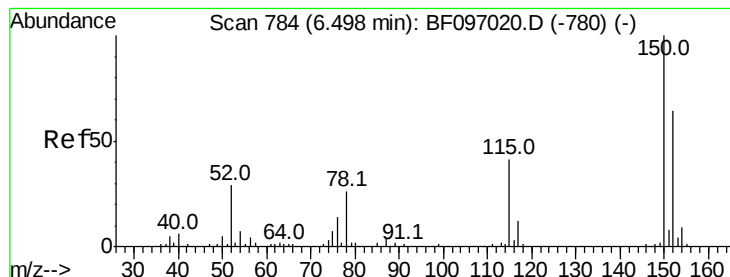
Instrument :
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#1

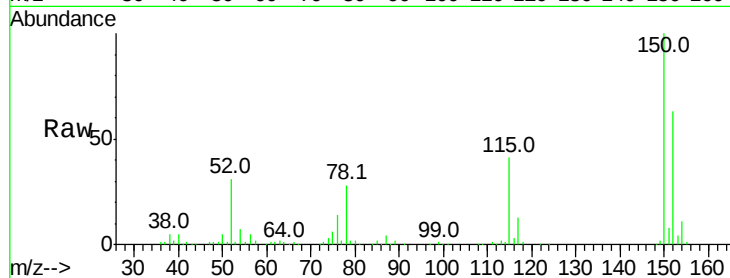
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.49 min Scan# 782
Delta R.T. -0.01 min
Lab File: BF097170.D
Acq: 28 Jul 2017 22:50

Instrument :
BNA_F
ClientSampled :
TP-8D24

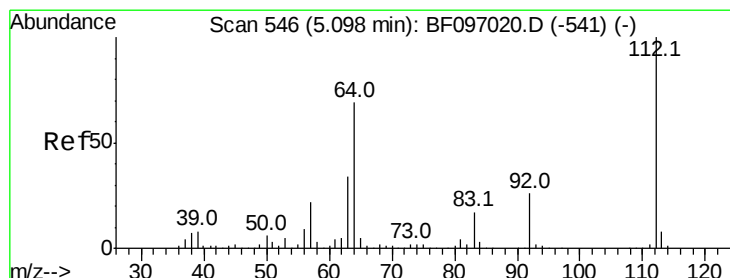
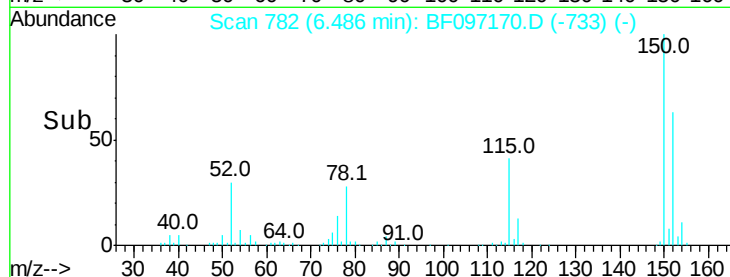
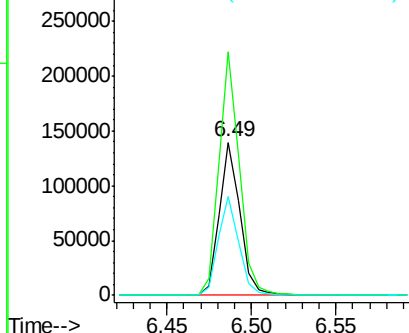
Tot Ion	Ratio	Lower	Upper
152	100		
150	158.9	126.2	189.2
115	64.7	52.2	78.2

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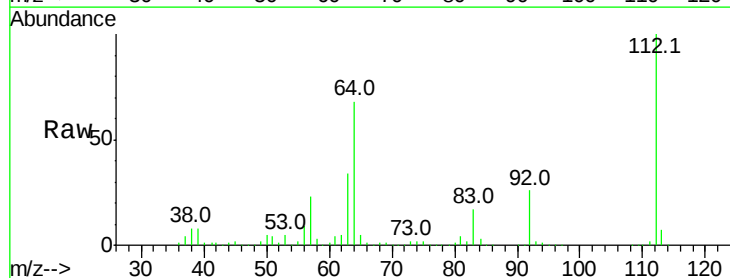
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



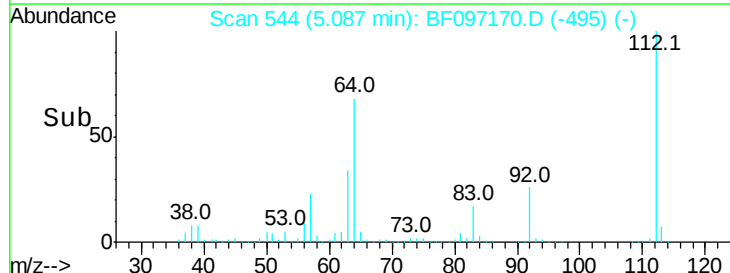
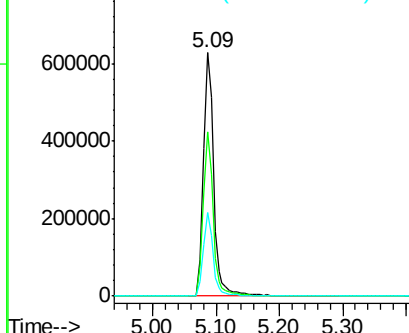
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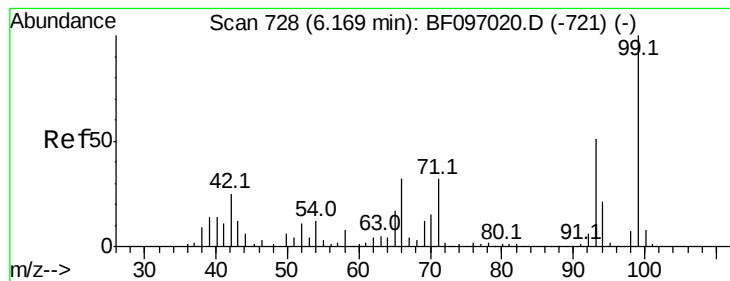
2-Fluorophenol
Concen: 88.553 ng
RT: 5.09 min Scan# 544
Delta R.T. -0.01 min
Lab File: BF097170.D
Acq: 28 Jul 2017 22:50

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.6	46.0	69.0
63	34.3	23.4	35.0



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 96.247 ng

RT: 6.15 min Scan# 725

Delta R.T. -0.02 min

Lab File: BF097170.D

Acq: 28 Jul 2017 22:50

Instrument :

BNA_F

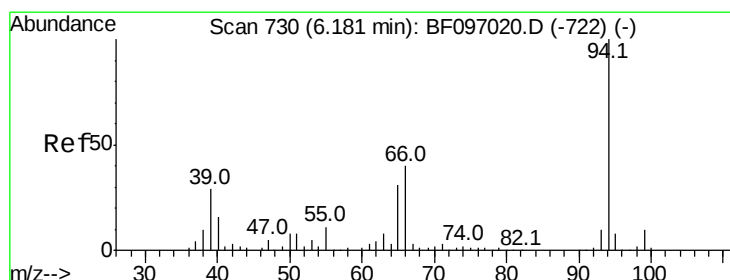
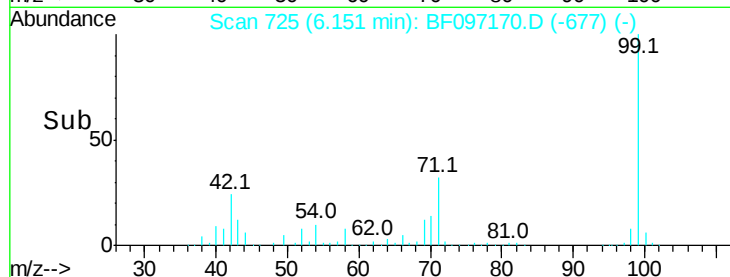
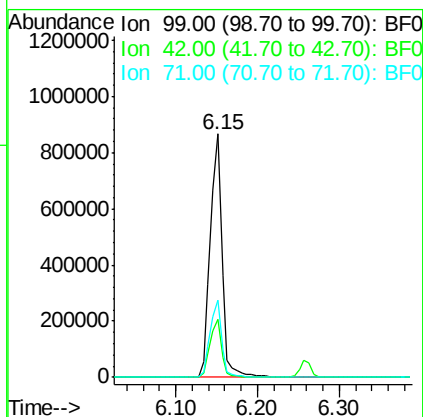
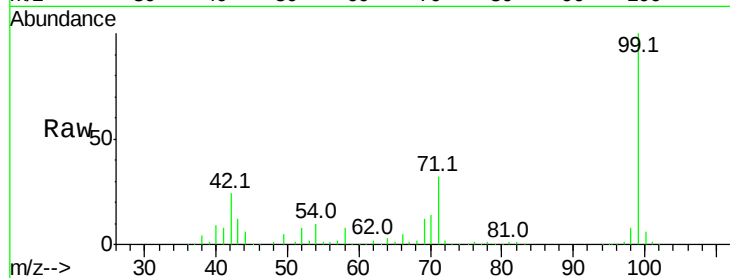
ClientSampled :

TP-8D24

Tot Ion:	99	Resp:	875801
Ion Ratio	Lower	Upper	
99	100		
42	23.8	13.5	20.3#
71	31.6	24.5	36.7

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#10

Phenol

Concen: 2.322 ng

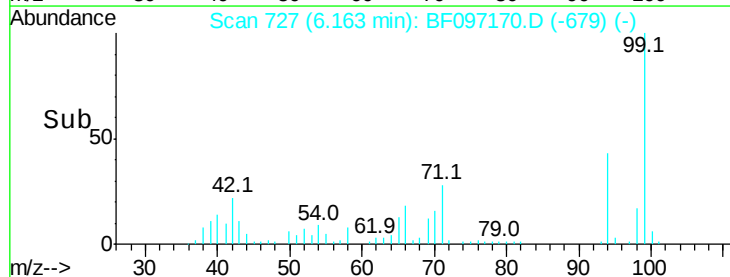
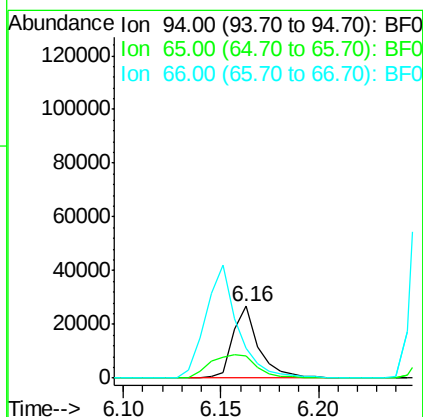
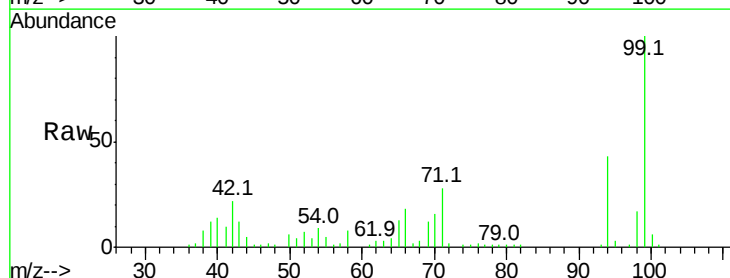
RT: 6.16 min Scan# 727

Delta R.T. -0.02 min

Lab File: BF097170.D

Acq: 28 Jul 2017 22:50

Tgt Ion:	94	Resp:	25067
Ion Ratio	Lower	Upper	
94	100		
65	30.4	9.9	49.9
66	40.9	23.1	63.1





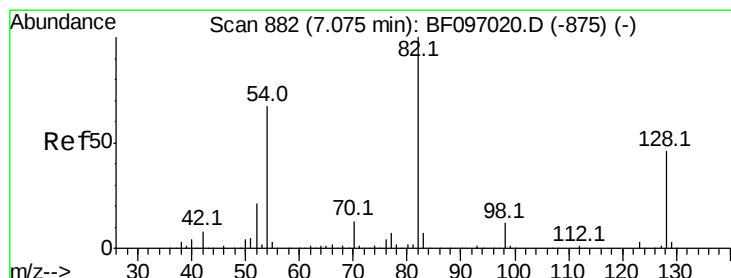
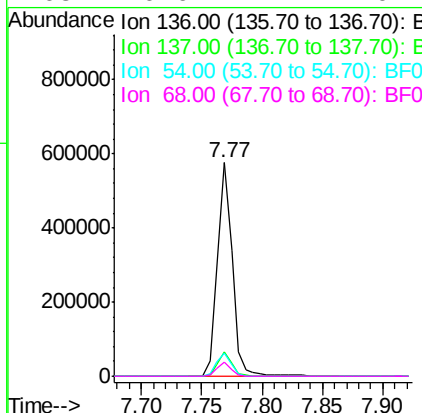
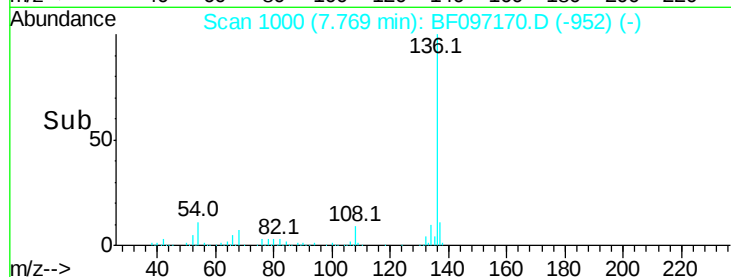
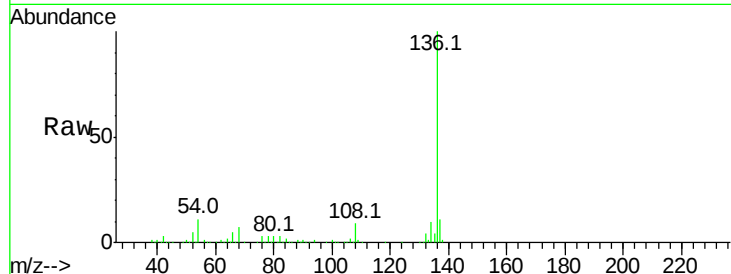
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.77 min Scan# 1000
Delta R.T. -0.02 min
Lab File: BF097170.D
Acq: 28 Jul 2017 22:50

Instrument :
BNA_F
ClientSampleId :
TP-8D24

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.2	8.5	12.7	
54	10.6	4.9	7.3#	
68	6.6	4.1	6.1#	

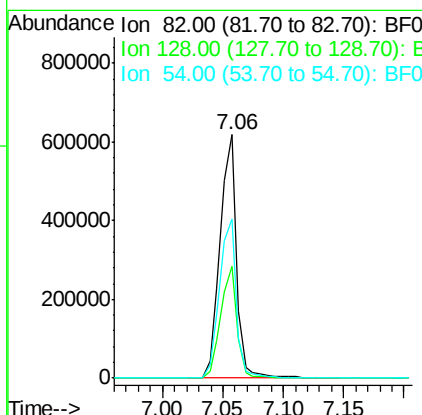
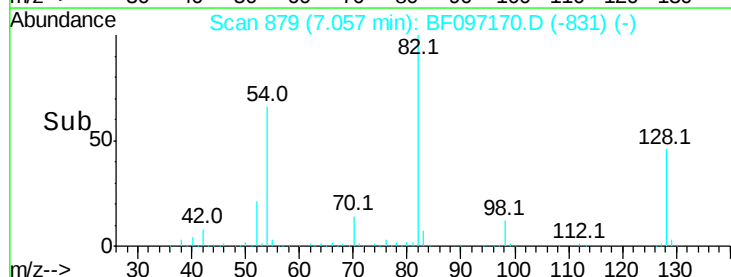
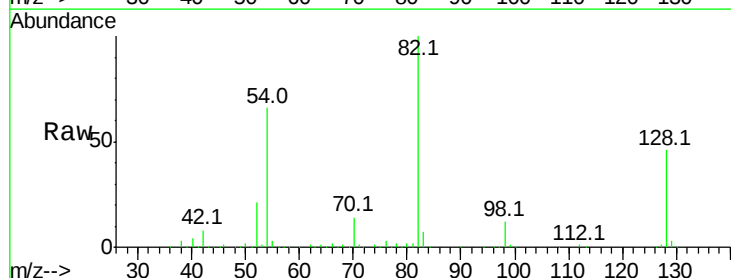
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#23
Nitrobenzene-d5
Concen: 70.898 ng
RT: 7.06 min Scan# 879
Delta R.T. -0.02 min
Lab File: BF097170.D
Acq: 28 Jul 2017 22:50

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	45.7	34.0	51.0	
54	65.6	42.2	63.2#	





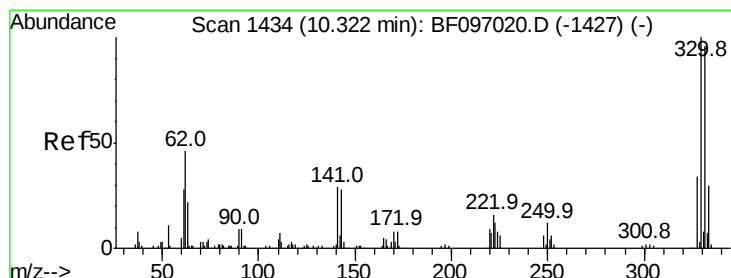
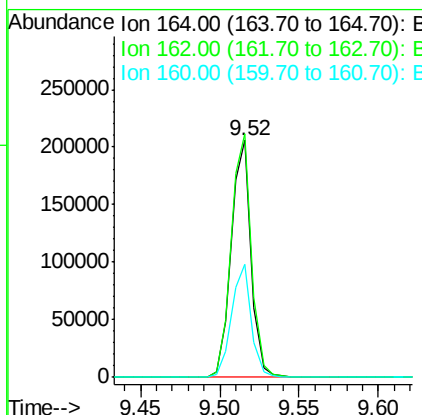
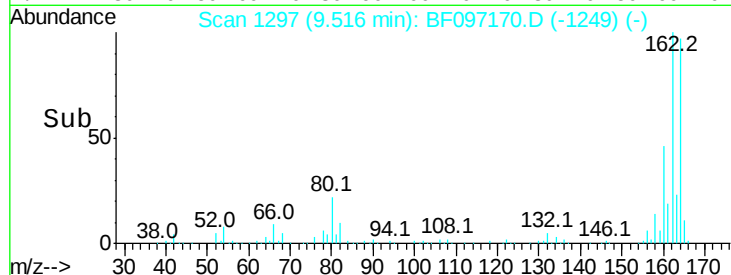
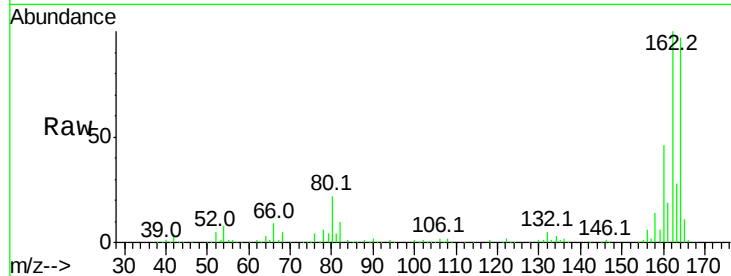
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.52 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BF097170.D
Acq: 28 Jul 2017 22:50

Instrument :
BNA_F
ClientSampled :
TP-8D24

Tot Ion	Ratio	Resp	Lower	Upper
164	100	178404		
162	102.7	82.6	123.8	
160	47.6	36.2	54.2	

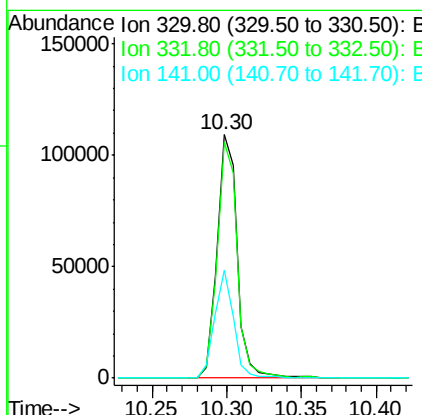
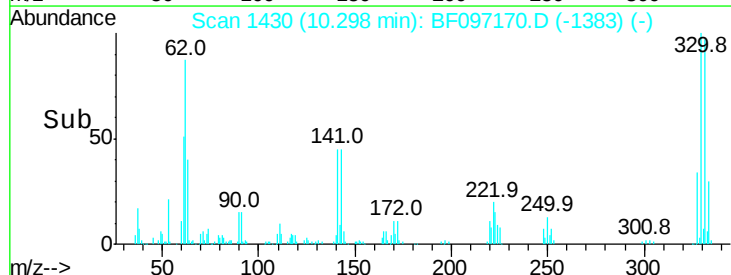
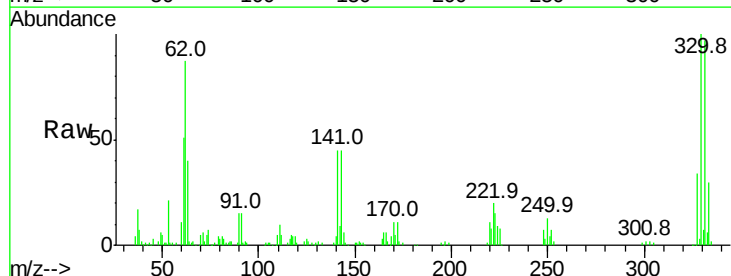
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#41
2,4,6-Tribromophenol
Concen: 73.408 ng
RT: 10.30 min Scan# 1430
Delta R.T. -0.02 min
Lab File: BF097170.D
Acq: 28 Jul 2017 22:50

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	103473		
332	96.7	76.6	115.0	
141	41.6	31.4	47.2	





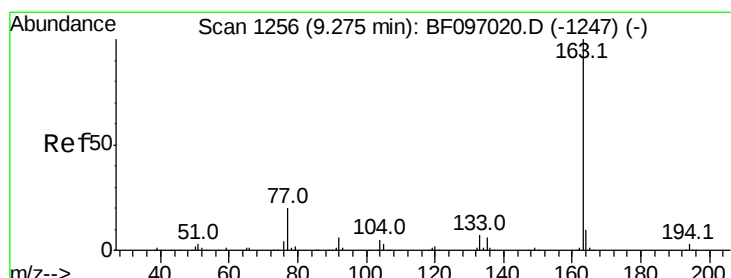
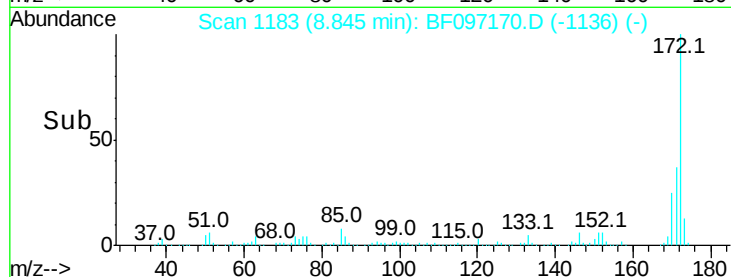
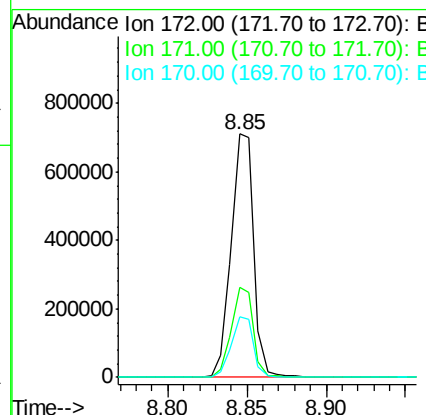
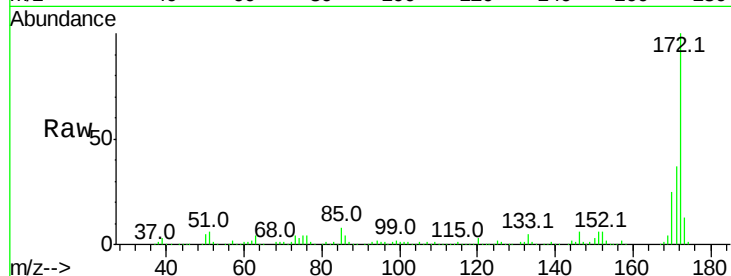
#44
2-Fluorobiphenyl
Concen: 66.711 ng
RT: 8.85 min Scan# 1183
Delta R.T. -0.02 min
Lab File: BF097170.D
Acq: 28 Jul 2017 22:50

Instrument :
BNA_F
ClientSampleId :
TP-8D24

Tot Ion	Ratio	Resp	Lower	Upper
172	100	701291		
171	36.8		29.6	44.4
170	24.8		19.8	29.8

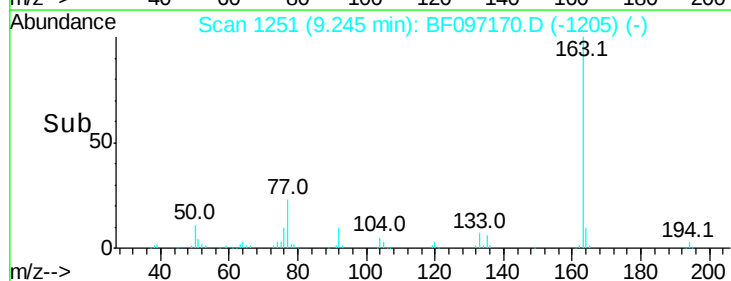
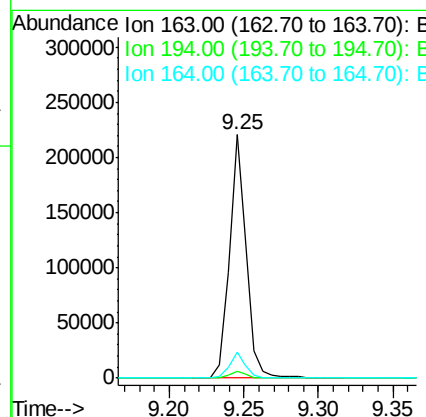
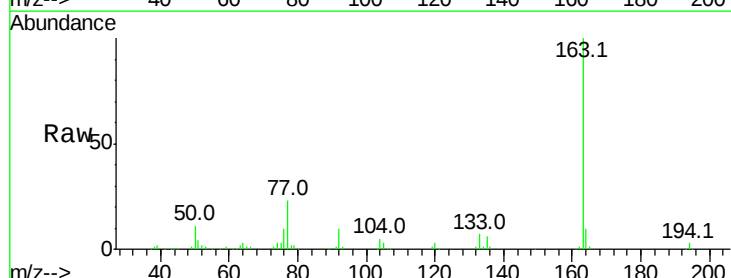
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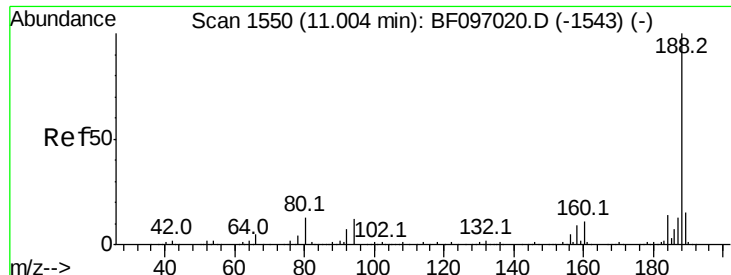
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#49
Dimethylphthalate
Concen: 13.049 ng
RT: 9.25 min Scan# 1251
Delta R.T. -0.03 min
Lab File: BF097170.D
Acq: 28 Jul 2017 22:50

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	176790		
194	2.8		2.6	4.0
164	10.5		8.4	12.6





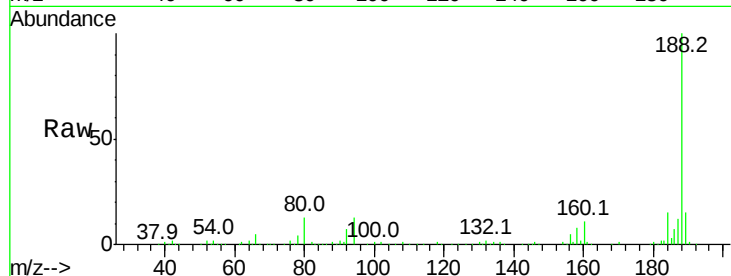
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 10.99 min Scan# 1547
Delta R.T. -0.02 min
Lab File: BF097170.D
Acq: 28 Jul 2017 22:50

Instrument :
BNA_F
ClientSampleId :
TP-8D24

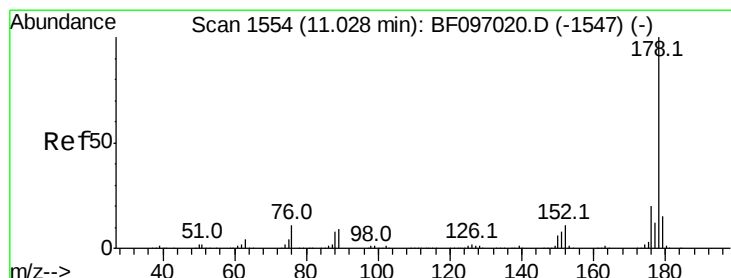
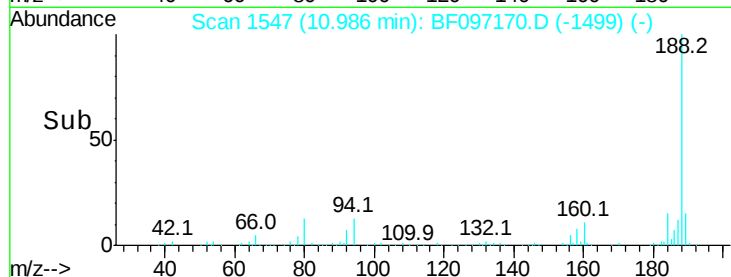
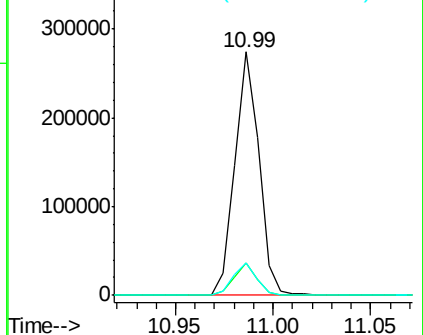
Tot Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	13.4	9.4	14.2
80	13.3	10.2	15.2

Manual Integrations
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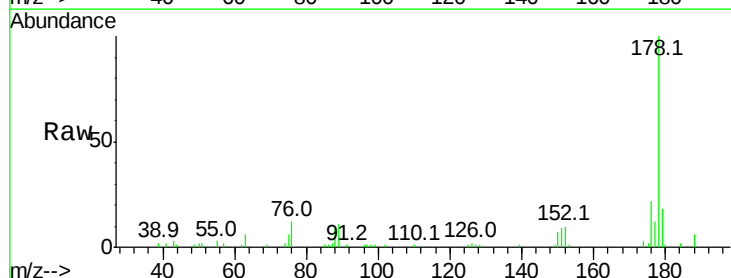


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

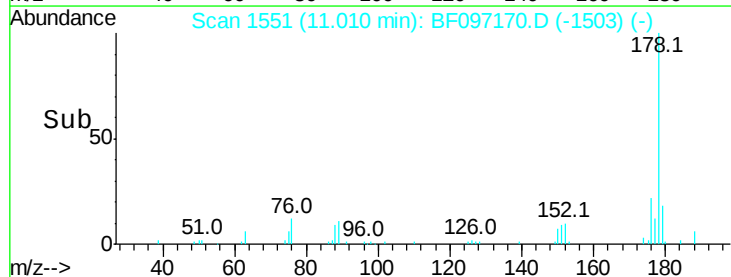
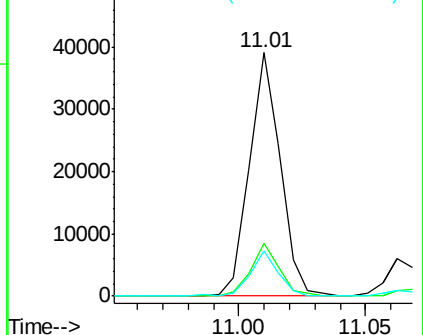


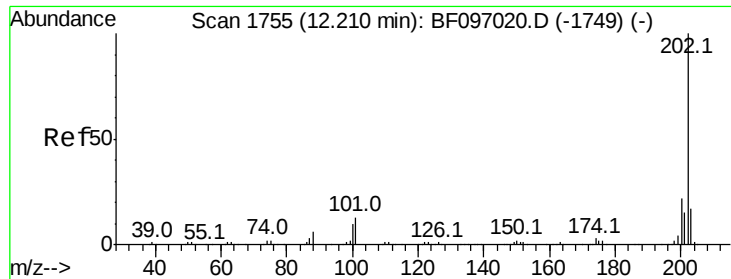
#70
Phenanthrene
Concen: 2.633 ng
RT: 11.01 min Scan# 1551
Delta R.T. -0.02 min
Lab File: BF097170.D
Acq: 28 Jul 2017 22:50

Tgt Ion	Ratio	Resp Lower	Resp Upper
178	100		
176	21.9	16.2	24.4
179	18.4	12.6	19.0



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





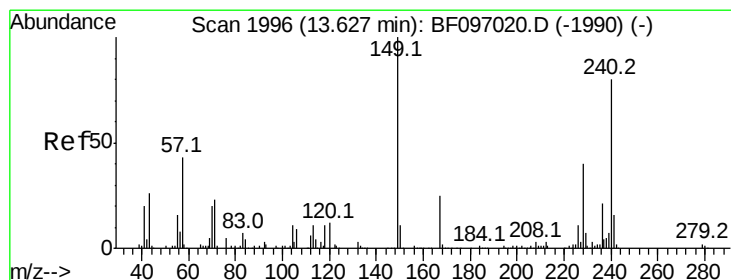
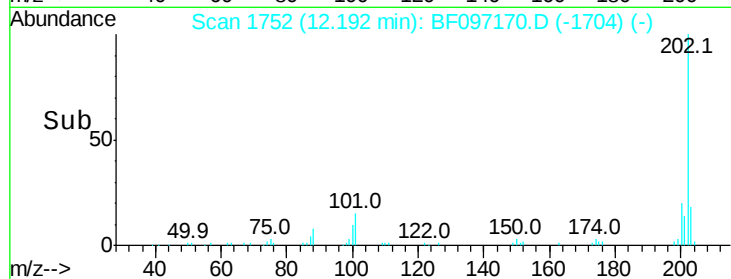
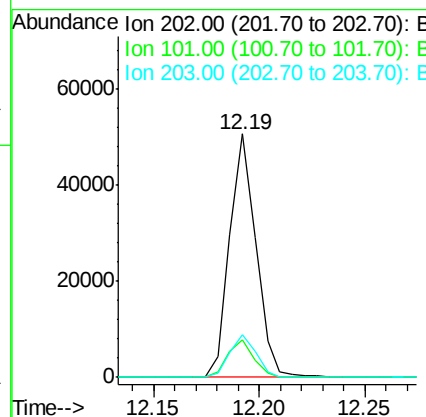
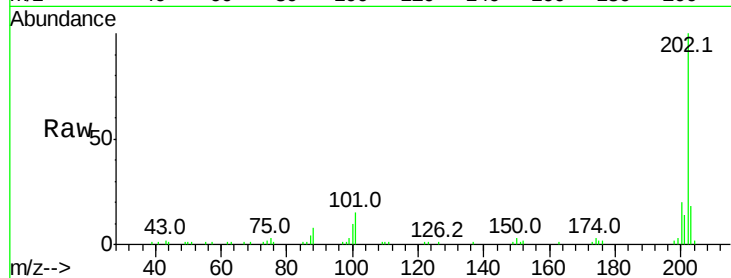
#74
 Fluoranthene
 Concen: 3.531 ng
 RT: 12.19 min Scan# 1752
 Delta R.T. -0.02 min
 Lab File: BF097170.D
 Acq: 28 Jul 2017 22:50

Instrument :
 BNA_F
 ClientSampleId :
 TP-8D24

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	15.4	0.0	33.2
203	17.6	0.0	38.1

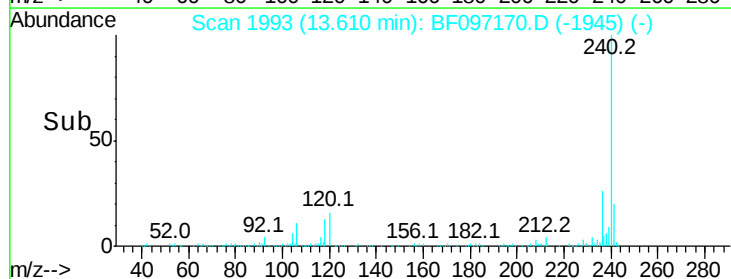
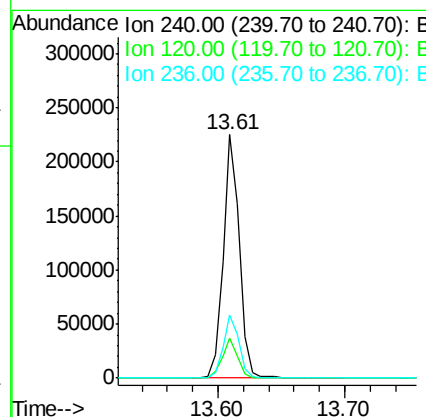
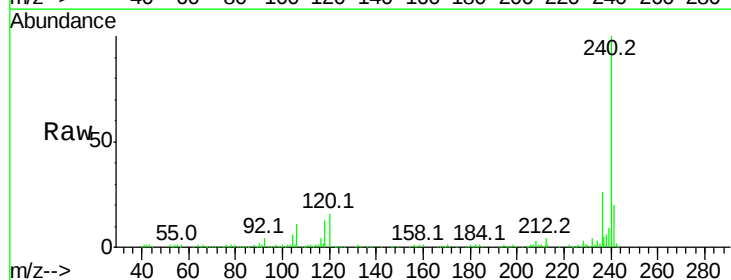
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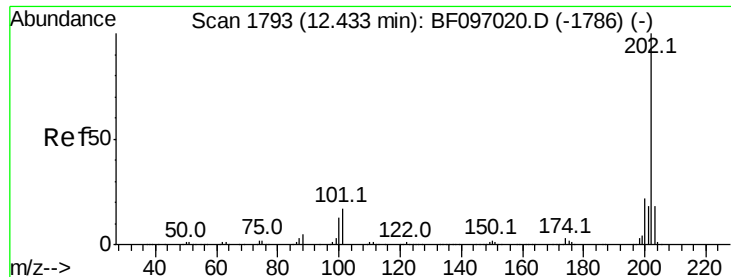
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#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.61 min Scan# 1993
 Delta R.T. -0.02 min
 Lab File: BF097170.D
 Acq: 28 Jul 2017 22:50

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	16.4	5.8	8.8#
236	26.1	20.5	30.7





#77

Pvrene

Concen: 3.474 ng

RT: 12.42 min Scan# 1790

Delta R.T. -0.02 min

Lab File: BF097170.D

Acq: 28 Jul 2017 22:50

Instrument :

BNA_F

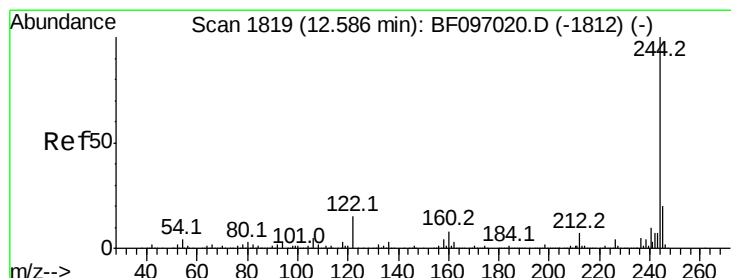
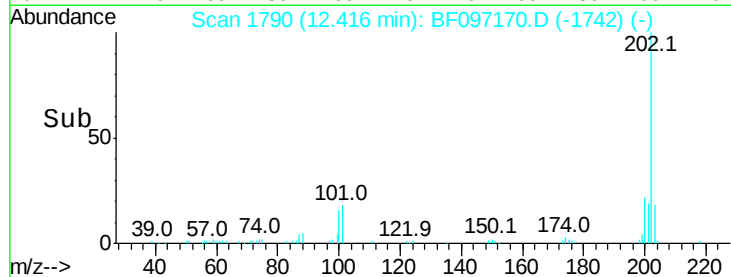
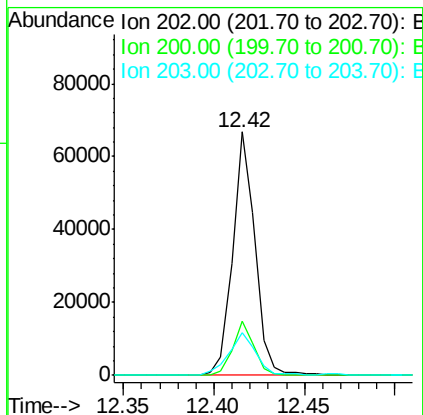
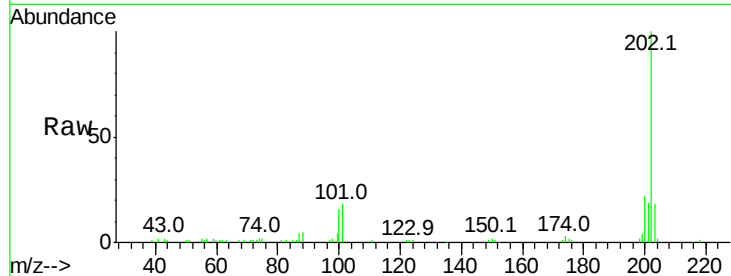
ClientSampleId :

TP-8D24

Tot Ion:	202	Resp:	57126
Ion Ratio	Lower	Upper	
202	100		
200	22.0	17.6	26.4
203	17.6	14.4	21.6

Manual Integrations
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7/31/2017 6:52:20 PM



#78

Terphenyl-d14

Concen: 39.992 ng

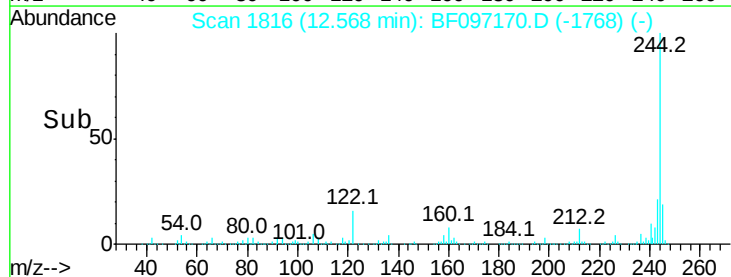
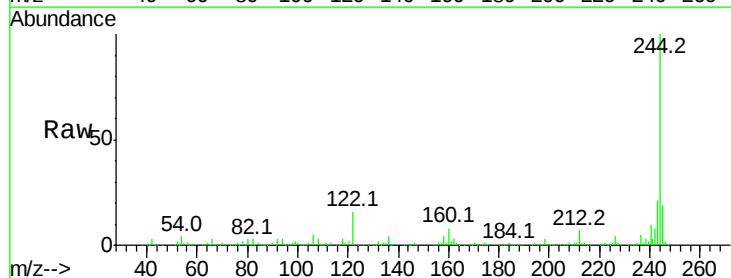
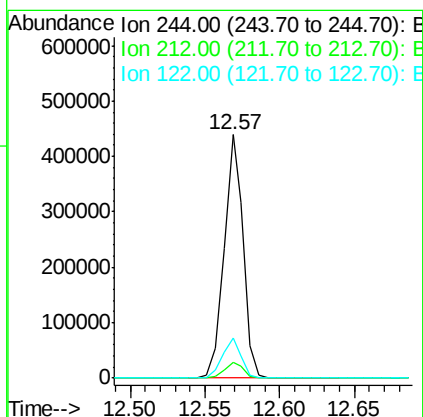
RT: 12.57 min Scan# 1816

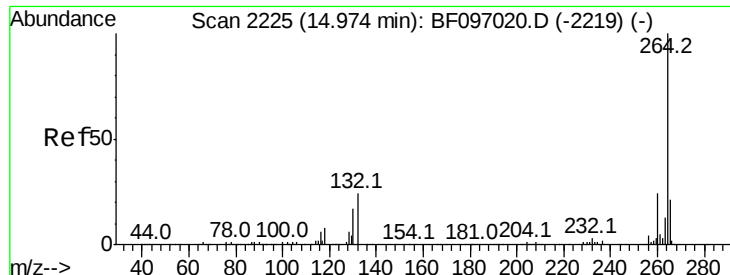
Delta R.T. -0.02 min

Lab File: BF097170.D

Acq: 28 Jul 2017 22:50

Tgt Ion:	244	Resp:	394048
Ion Ratio	Lower	Upper	
244	100		
212	6.7	6.0	9.0
122	16.4	10.3	15.5#





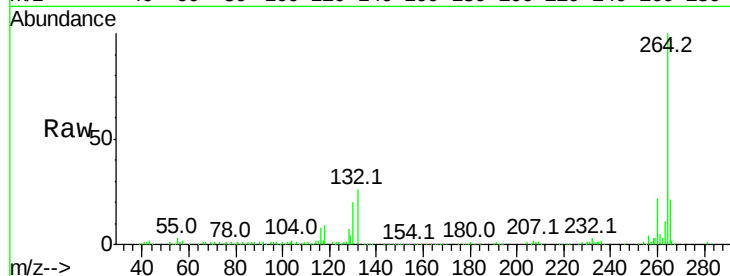
#86
Pervlene-d12
Concen: 20.000 ng
RT: 14.96 min Scan# 2222
Delta R.T. -0.02 min
Lab File: BF097170.D
Acq: 28 Jul 2017 22:50

Instrument :
BNA_F
ClientSampleId :
TP-8D24

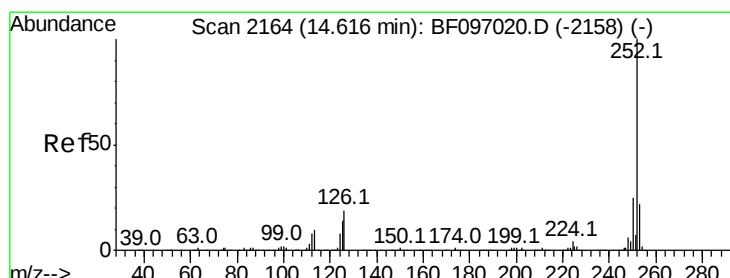
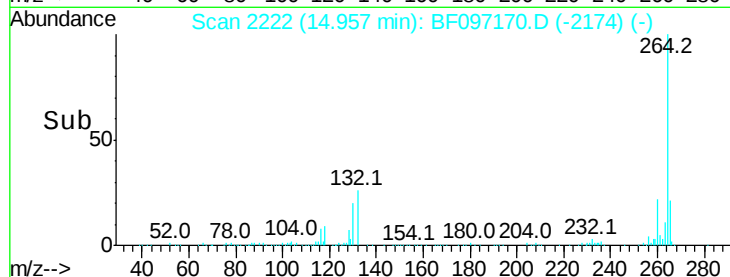
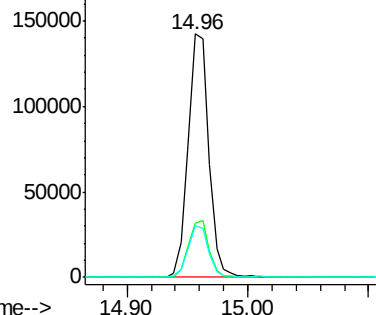
Tot Ion	Ratio	Lower	Upper
264	100		
260	22.2	19.5	29.3
265	21.3	17.2	25.8

Manual Integrations
APPROVED

Sohil
7/31/2017 6:52:20 PM



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#87
Benzo(b)fluoranthene
Concen: 2.356 ng m
RT: 14.60 min Scan# 2162
Delta R.T. -0.01 min
Lab File: BF097170.D
Acq: 28 Jul 2017 22:50

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.1	27.1
125	20.1	9.8	14.8#

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

