

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF090717\
 Data File : BF098329.D
 Acq On : 7 Sep 2017 22:29
 Operator : SJ/JU
 Sample : I5071-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 G43A-1.5-3

Manual Integrations
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Quant Time: Sep 08 02:56:02 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 05 17:28:20 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	115201	20.00	ng	-0.02
21) Naphthalene-d8	7.97	136	444219	20.00	ng	-0.01
38) Acenaphthene-d10	9.73	164	187033	20.00	ng	-0.01
63) Phenanthrene-d10	11.21	188	329562	20.00	ng	-0.01
75) Chrysene-d12	13.84	240	265258	20.00	ng	-0.02
86) Perylene-d12	15.26	264	187759	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	723861	95.58	ng	0.00
7) Phenol-d6	6.34	99	980764	95.31	ng	-0.01
23) Nitrobenzene-d5	7.26	82	584133	71.44	ng	-0.02
41) 2,4,6-Tribromophenol	10.52	330	164303	101.25	ng	-0.02
44) 2-Fluorobiphenyl	9.05	172	850034	66.77	ng	-0.02
78) Terphenyl-d14	12.80	244	631739	49.66	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.45	163	159095	11.637	ng	99
74) Fluoranthene	12.42	202	51973	2.835	ng	97
77) Pyrene	12.64	202	48679	2.244	ng	98
87) Benzo(b)fluoranthene	14.86	252	26694m	2.256	ng	

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

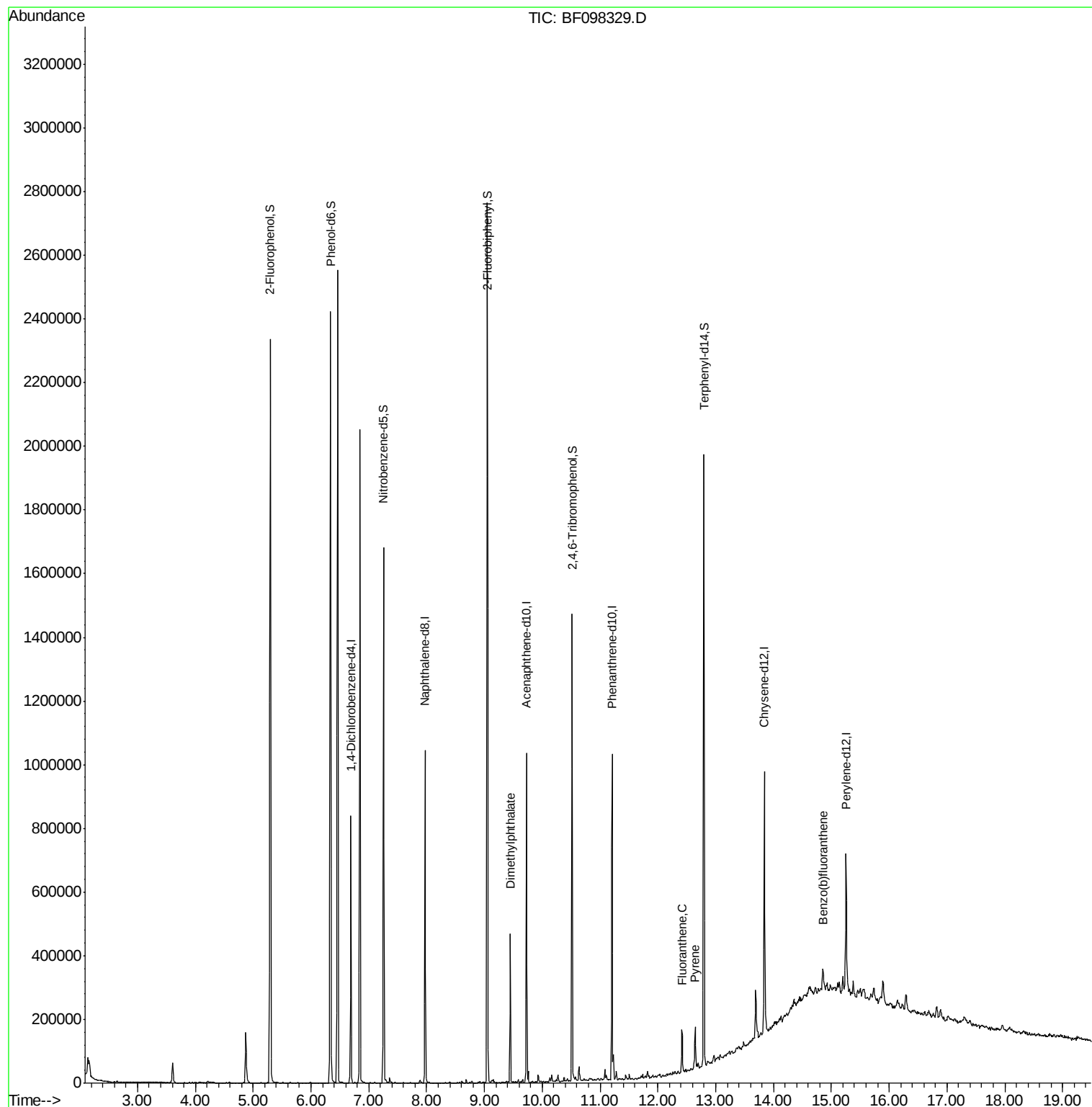
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF090717\
Data File : BF098329.D
Acq On : 7 Sep 2017 22:29
Operator : SJ/JU
Sample : I5071-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

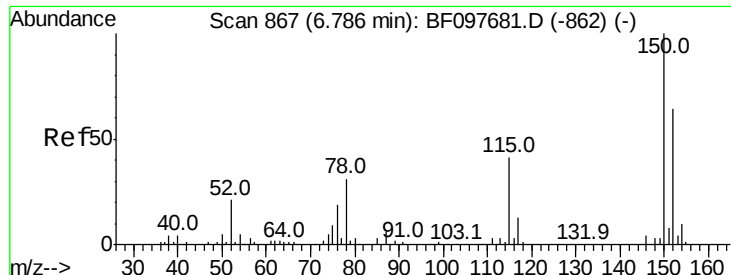
Instrument :
BNA_F
ClientSampleId :
G43A-1.5-3

Manual Integrations
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Quant Time: Sep 08 02:56:02 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

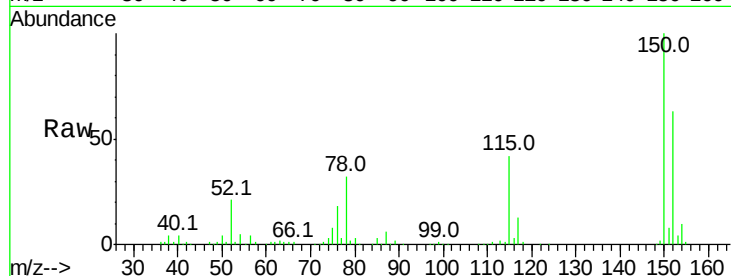
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.69 min Scan# 782
 Delta R.T. -0.02 min
 Lab File: BF098329.D
 Acq: 7 Sep 2017 22:29

Instrument :
 BNA_F
 ClientSampleId :
 G43A-1.5-3

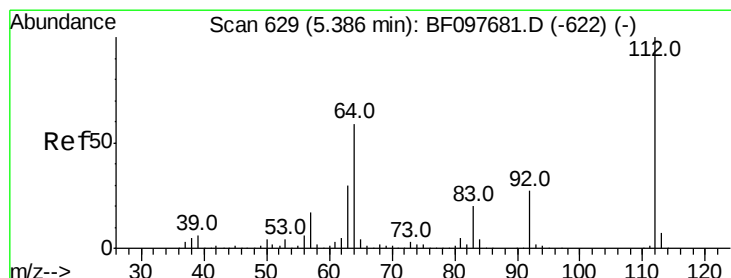
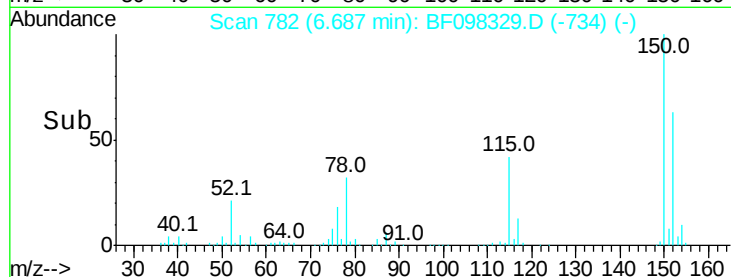
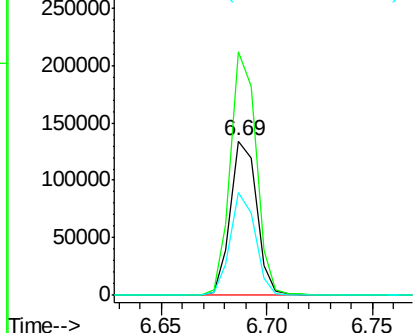
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.8	126.2	189.2
115	66.5	52.2	78.2

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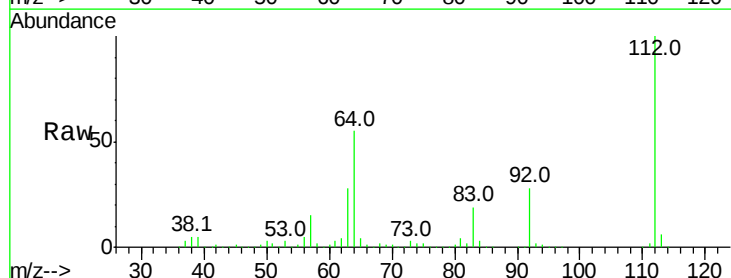
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



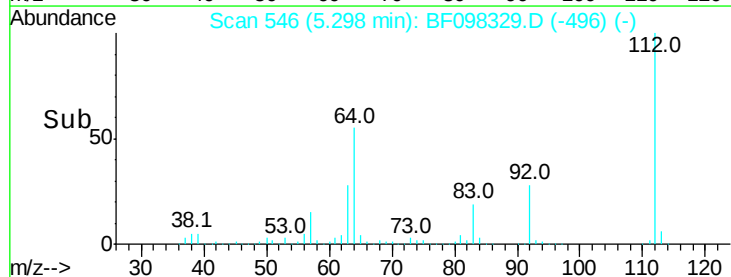
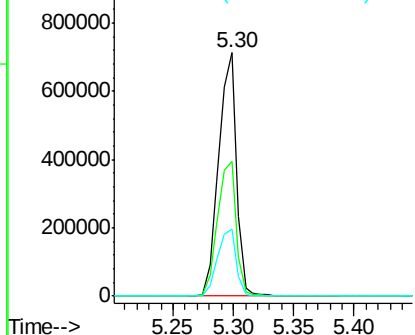
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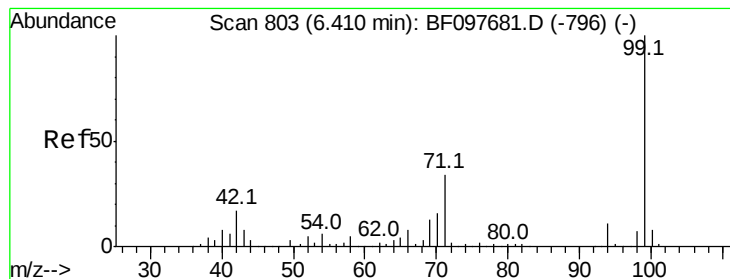
2-Fluorophenol
 Concen: 95.576 ng
 RT: 5.30 min Scan# 546
 Delta R.T. -0.01 min
 Lab File: BF098329.D
 Acq: 7 Sep 2017 22:29

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.2	46.0	69.0
63	27.7	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: 95.308 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF098329.D

Acq: 7 Sep 2017 22:29

Instrument :

BNA_F

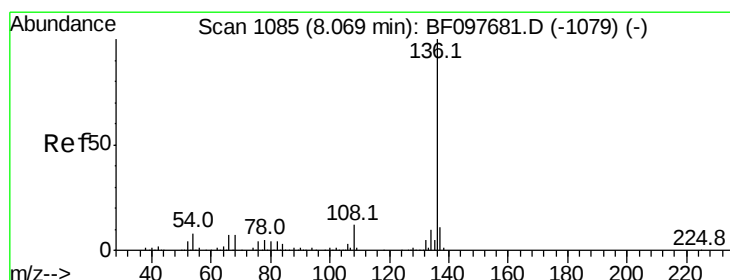
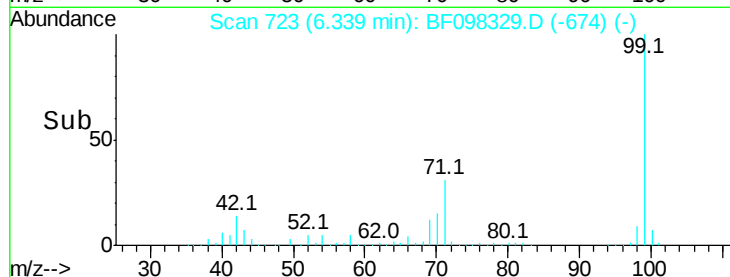
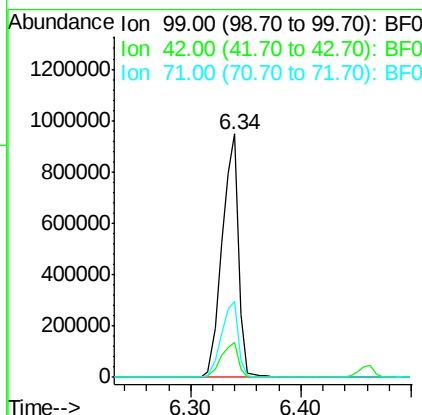
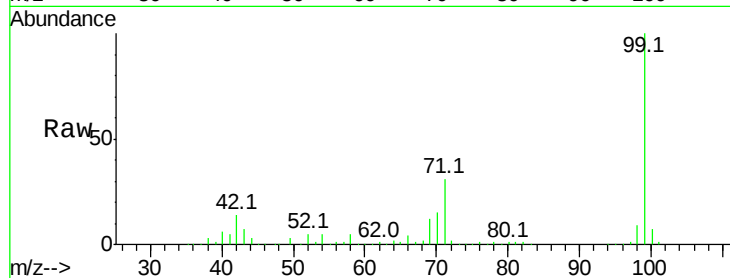
ClientSampleId :

G43A-1.5-3

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		980764		
42	14.1	13.5	20.3		
71	31.3	24.5	36.7		

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#21

Naphthalene-d8

Concen: 20.000 ng

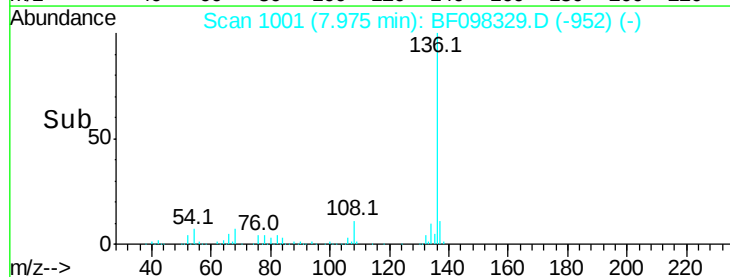
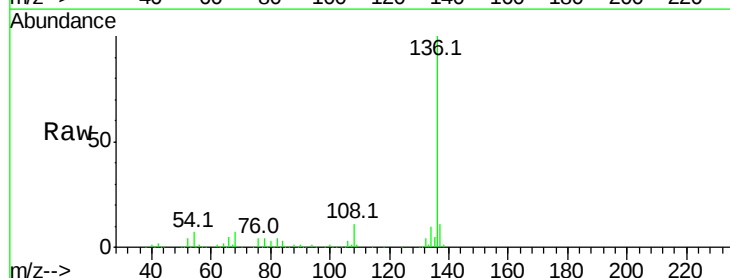
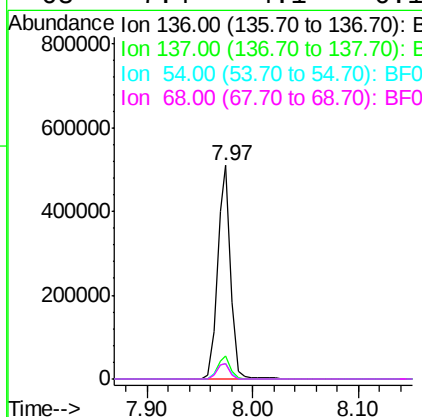
RT: 7.97 min Scan# 1001

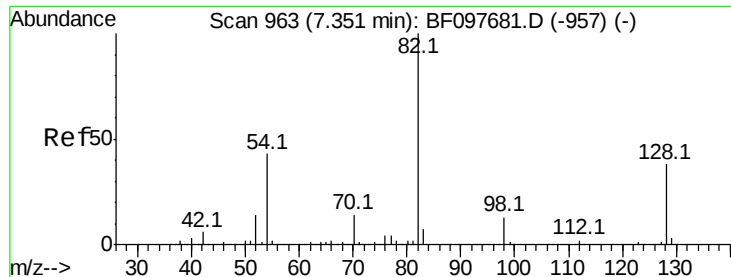
Delta R.T. -0.01 min

Lab File: BF098329.D

Acq: 7 Sep 2017 22:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		444219		
137	10.6	8.5	12.7		
54	7.0	4.9	7.3		
68	7.4	4.1	6.1#		





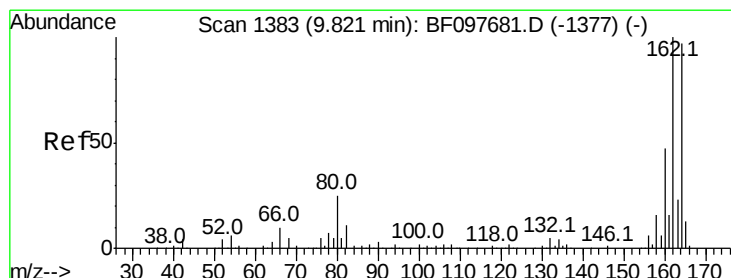
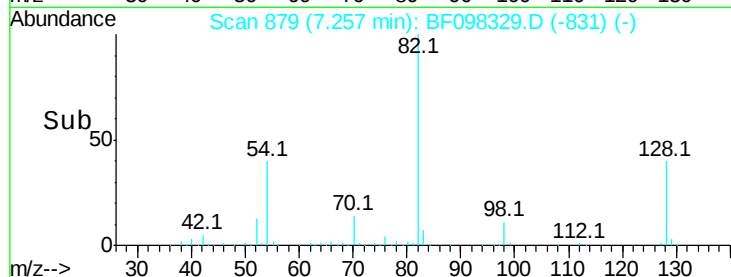
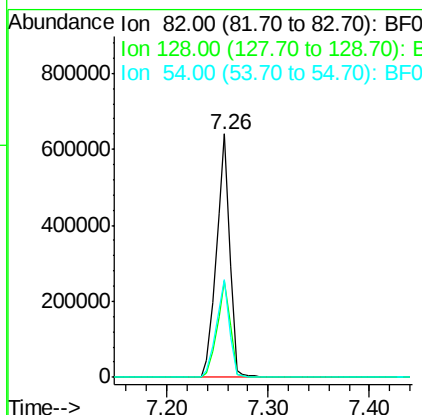
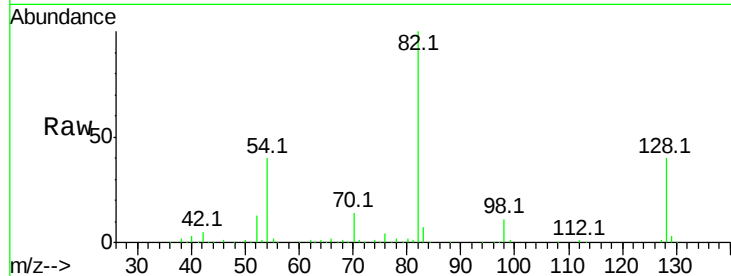
#23
 Nitrobenzene-d5
 Concen: 71.435 ng
 RT: 7.26 min Scan# 879
 Delta R.T. -0.02 min
 Lab File: BF098329.D
 Acq: 7 Sep 2017 22:29

Instrument :
 BNA_F
 ClientSampleId :
 G43A-1.5-3

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	39.6	34.0	51.0	
54	39.9	42.2	63.2	

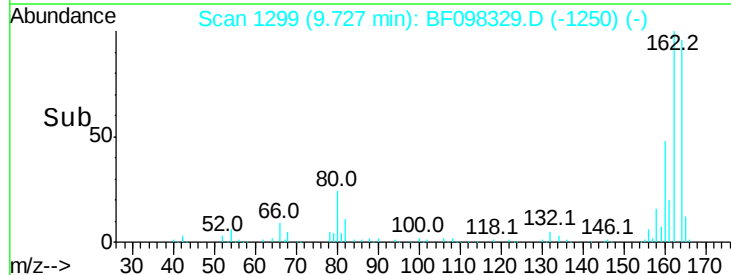
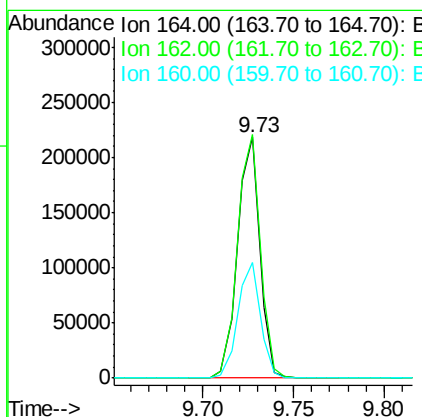
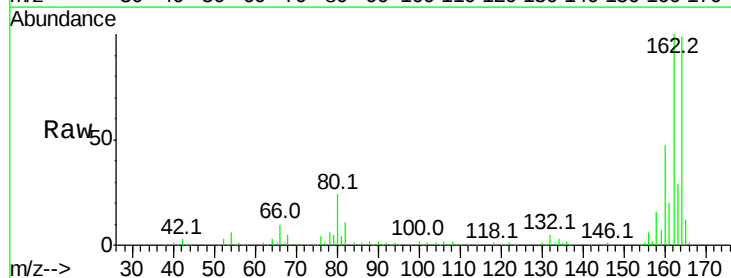
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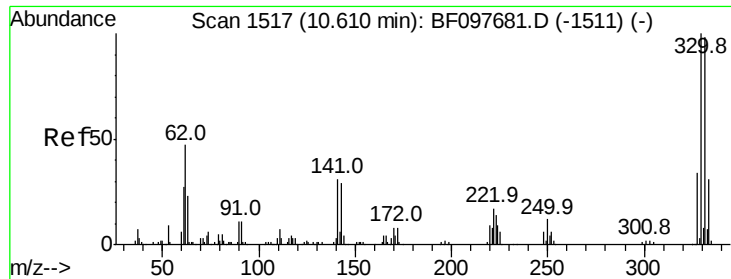
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.73 min Scan# 1299
 Delta R.T. -0.01 min
 Lab File: BF098329.D
 Acq: 7 Sep 2017 22:29

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	101.1	82.6	123.8	
160	47.9	36.2	54.2	





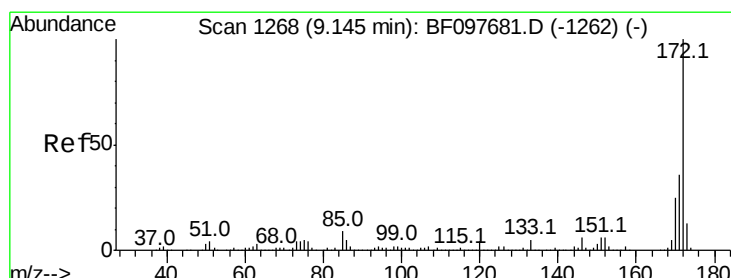
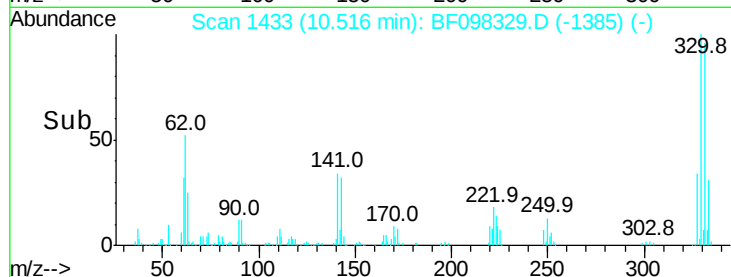
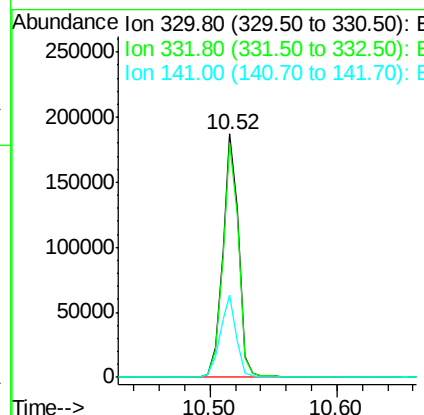
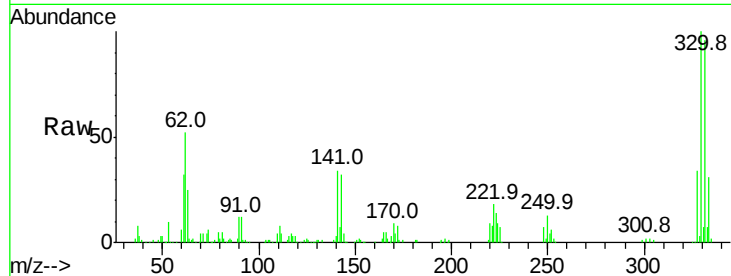
#41
 2,4,6-Tribromophenol
 Concen: 101.246 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. -0.02 min
 Lab File: BF098329.D
 Acq: 7 Sep 2017 22:29

Instrument :
 BNA_F
 ClientSampled :
 G43A-1.5-3

Tot Ion	Ratio	Resp	Lower	Upper
330	100	164303		
332	95.9	76.6	115.0	
141	34.7	31.4	47.2	

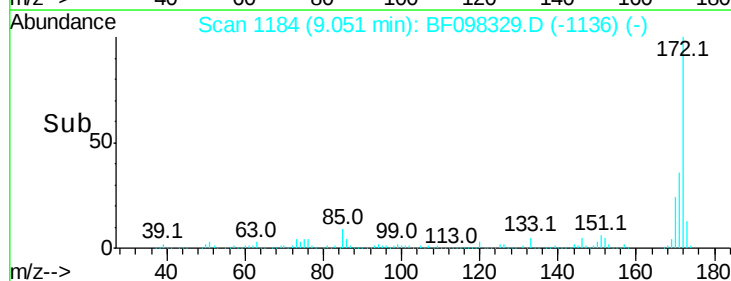
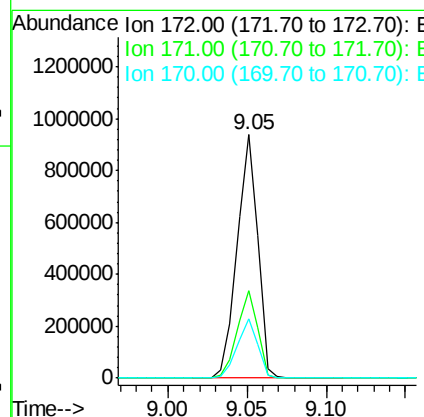
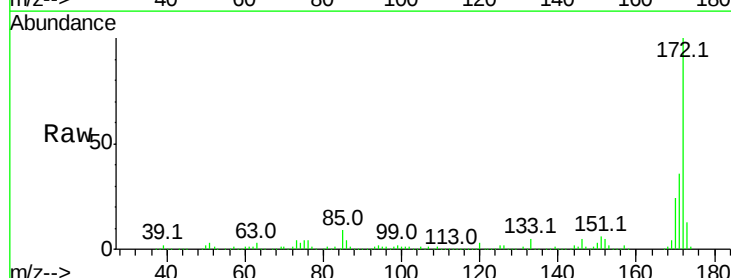
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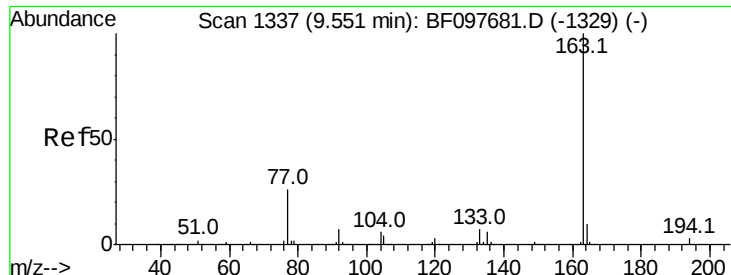
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#44
 2-Fluorobiphenyl
 Concen: 66.773 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. -0.02 min
 Lab File: BF098329.D
 Acq: 7 Sep 2017 22:29

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	850034		
171	35.8	29.6	44.4	
170	24.4	19.8	29.8	





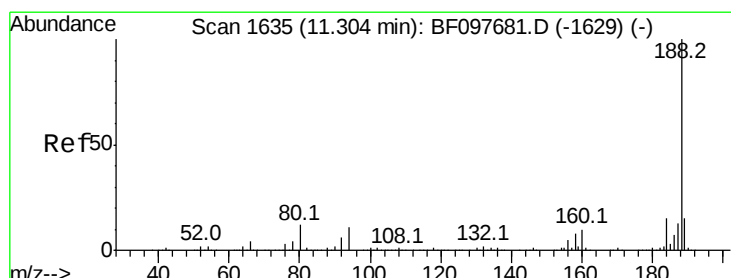
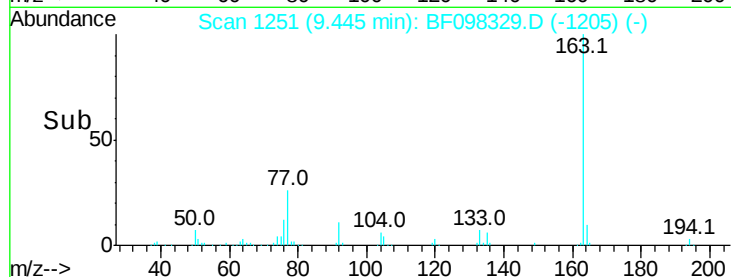
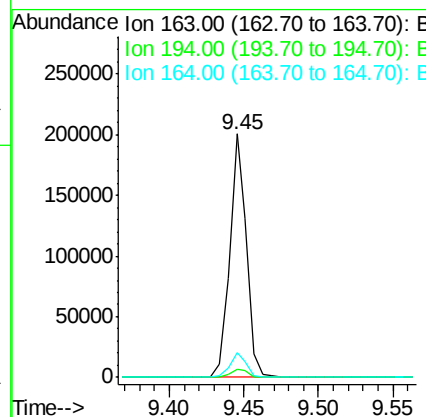
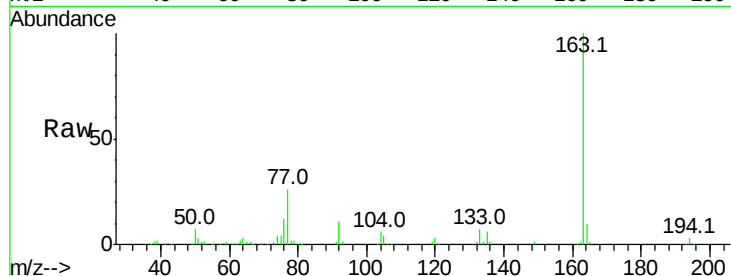
#49
Dimethylphthalate
Concen: 11.637 ng
RT: 9.45 min Scan# 1251
Delta R.T. -0.03 min
Lab File: BF098329.D
Acq: 7 Sep 2017 22:29

Instrument :
BNA_F
ClientSampled :
G43A-1.5-3

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.3	2.6	4.0	
164	10.0	8.4	12.6	

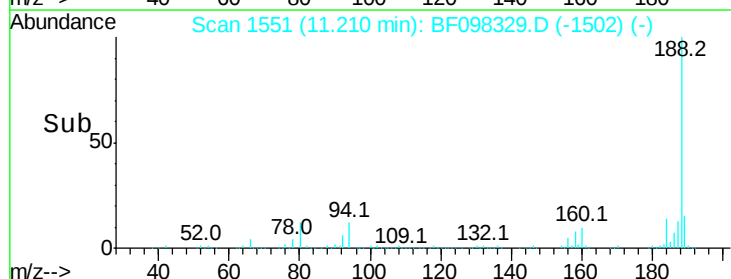
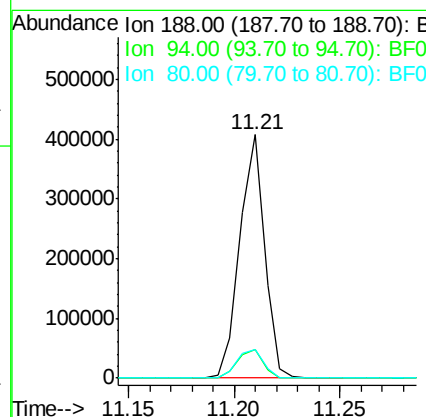
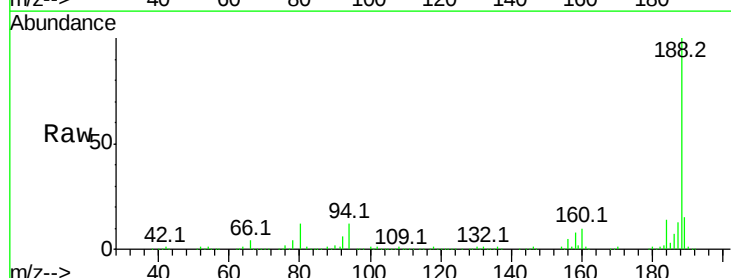
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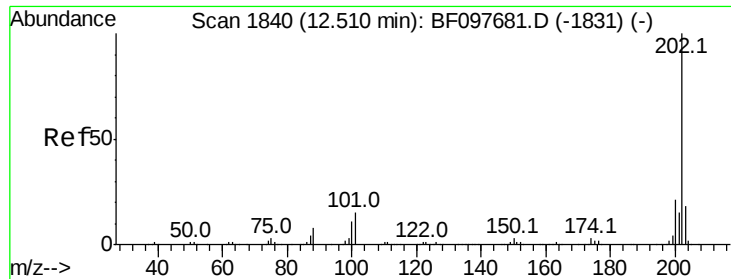
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF098329.D
Acq: 7 Sep 2017 22:29

Tgt Ion	Ratio	Resp	Lower	Upper
188	100			
94	11.7	9.4	14.2	
80	11.9	10.2	15.2	





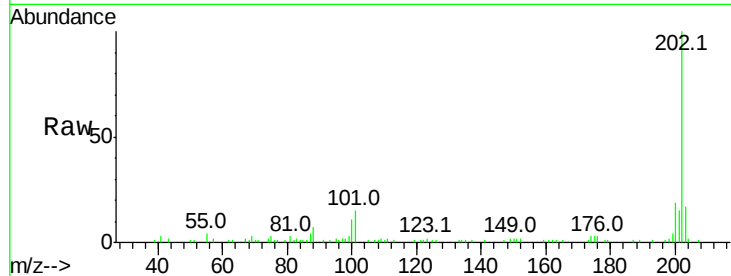
#74
Fluoranthene
 Concen: 2.835 ng
 RT: 12.42 min Scan# 1756
 Delta R.T. -0.02 min
 Lab File: BF098329.D
 Acq: 7 Sep 2017 22:29

Instrument :
 BNA_F
 ClientSampleId :
 G43A-1.5-3

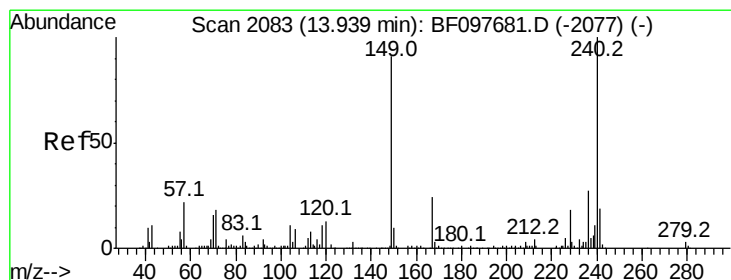
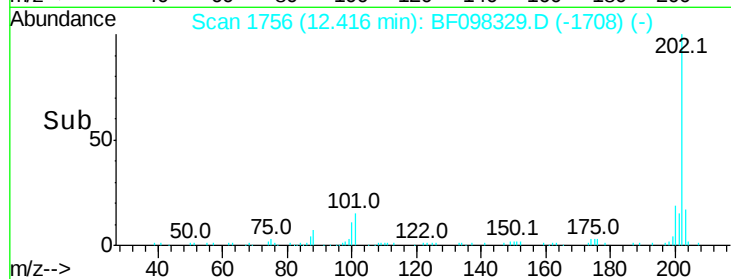
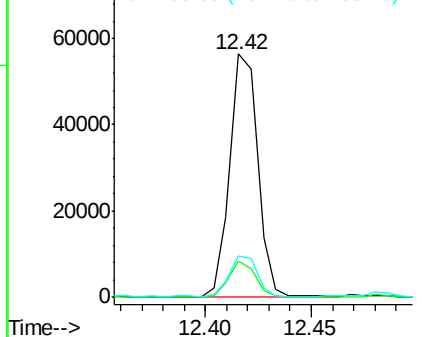
Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	14.7	0.0	33.2
203	17.0	0.0	38.1

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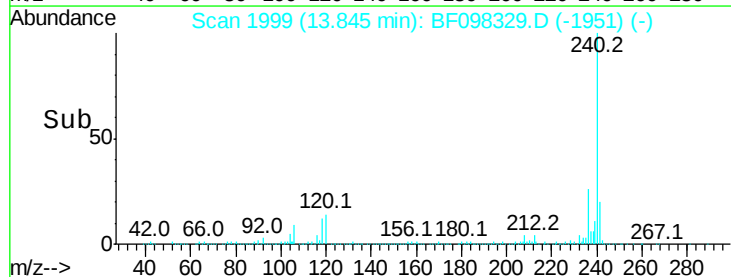
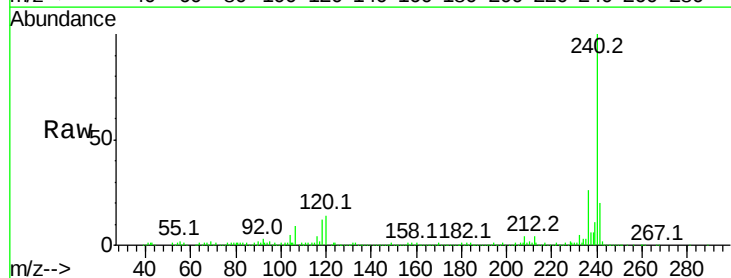
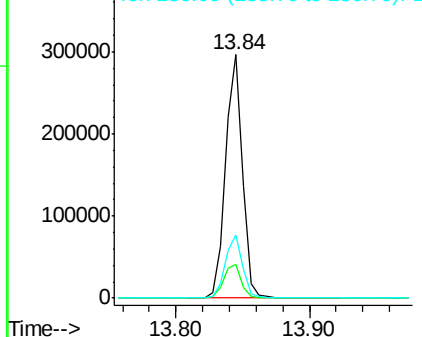
Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

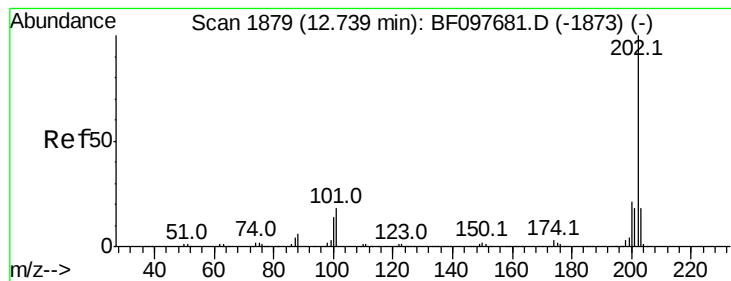


#75
Chrysene-d12
 Concen: 20.000 ng
 RT: 13.84 min Scan# 1999
 Delta R.T. -0.02 min
 Lab File: BF098329.D
 Acq: 7 Sep 2017 22:29

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	13.9	5.8	8.8#
236	25.8	20.5	30.7

Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 2.244 ng

RT: 12.64 min Scan# 1795

Delta R.T. -0.02 min

Lab File: BF098329.D

Acq: 7 Sep 2017 22:29

Instrument :

BNA_F

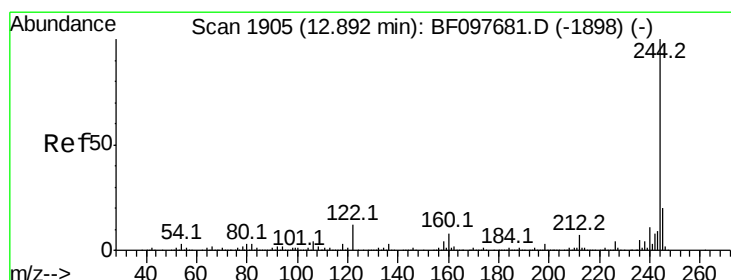
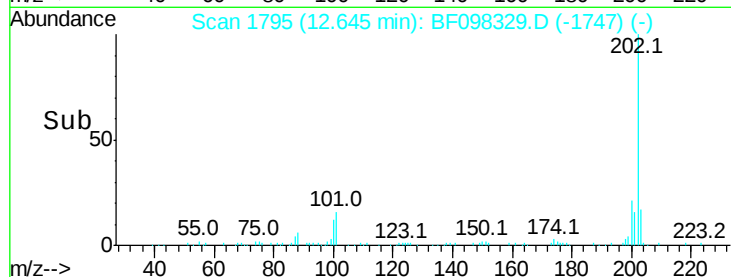
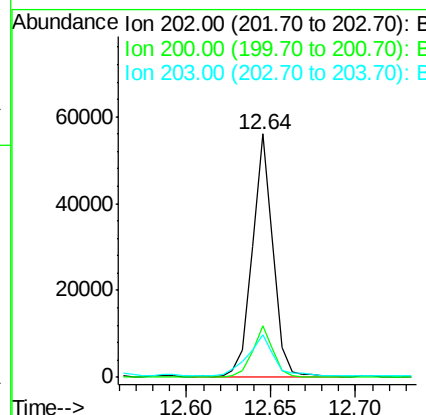
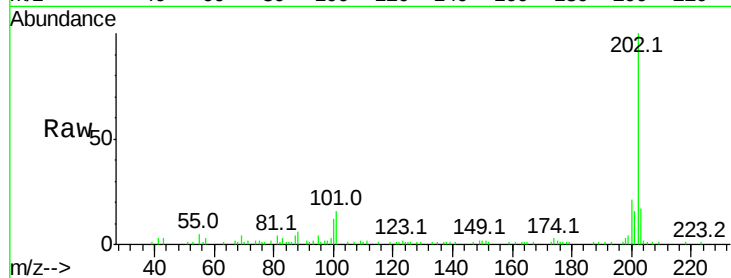
ClientSampled :

G43A-1.5-3

Tot Ion:	202	Resp:	48679
Ion Ratio	Lower	Upper	
202	100		
200	21.0	17.6	26.4
203	17.3	14.4	21.6

Manual Integrations
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#78

Terphenyl-d14

Concen: 49.664 ng

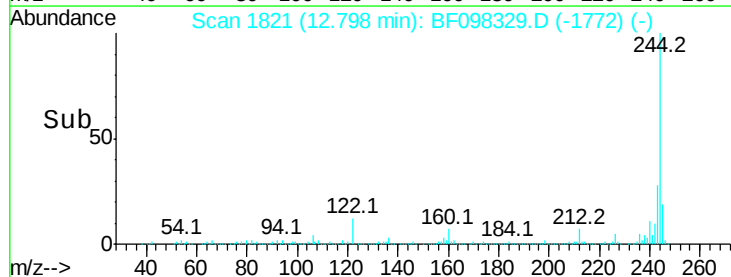
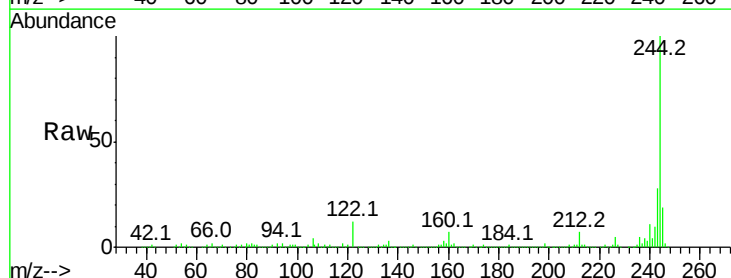
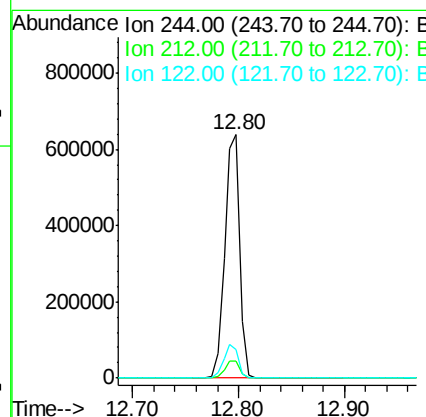
RT: 12.80 min Scan# 1821

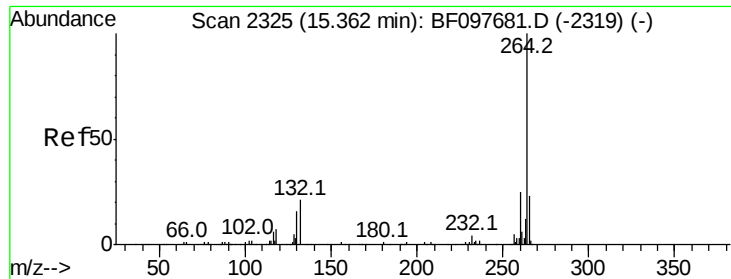
Delta R.T. -0.01 min

Lab File: BF098329.D

Acq: 7 Sep 2017 22:29

Tgt Ion:	244	Resp:	631739
Ion Ratio	Lower	Upper	
244	100		
212	7.1	6.0	9.0
122	11.6	10.3	15.5





#86

Pervlene-d12

Concen: 20.000 ng

RT: 15.26 min Scan# 2239

Delta R.T. -0.01 min

Lab File: BF098329.D

Acq: 7 Sep 2017 22:29

Instrument :

BNA_F

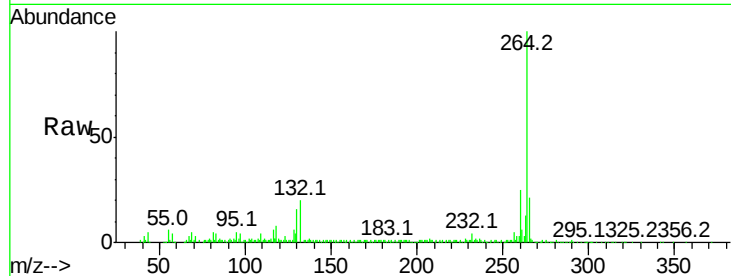
ClientSampled :

G43A-1.5-3

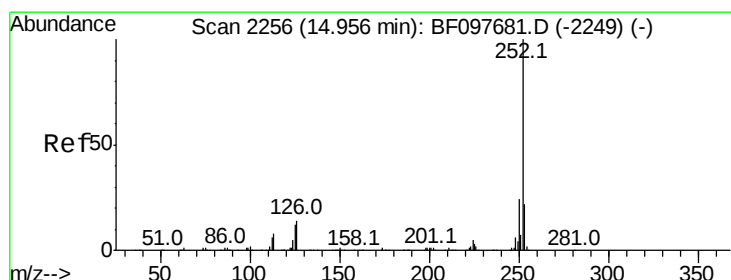
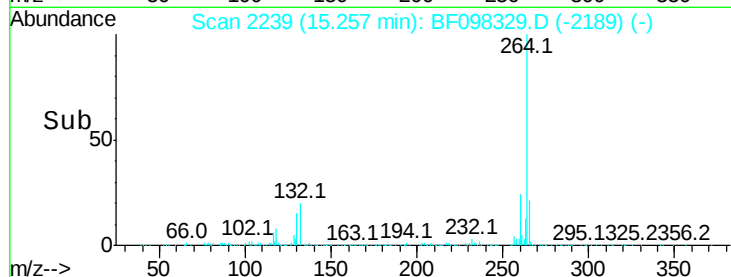
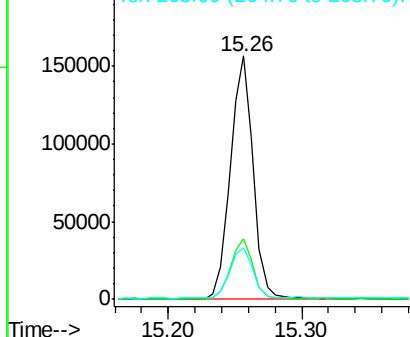
Tot Ion	Ratio	Resp	Lower	Upper
264	100			
260	24.6	19.5	29.3	
265	21.1	17.2	25.8	

Manual Integrations
APPROVED

Sohil
9/8/2017 5:45:26 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: 2.256 ng m

RT: 14.86 min Scan# 2171

Delta R.T. -0.01 min

Lab File: BF098329.D

Acq: 7 Sep 2017 22:29

Tgt Ion	Ratio	Resp	Lower	Upper
252	100			
253	27.8	18.1	27.1#	
125	23.0	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

