

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF090717\
 Data File : BF098322.D
 Acq On : 7 Sep 2017 19:13
 Operator : SJ/JU
 Sample : I5052-11
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 G27A-0-1.5

Manual Integrations
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Sohil
 9/8/2017 5:45:19 PM

Quant Time: Sep 08 02:21:52 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	102555	20.00	ng	-0.02
21) Naphthalene-d8	7.97	136	392352	20.00	ng	-0.01
38) Acenaphthene-d10	9.72	164	151961	20.00	ng	-0.02
63) Phenanthrene-d10	11.20	188	249447	20.00	ng	-0.02
75) Chrysene-d12	13.84	240	211356	20.00	ng	-0.02
86) Perylene-d12	15.26	264	142836	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	681287	101.05	ng	0.00
7) Phenol-d6	6.33	99	932713	101.82	ng	-0.02
23) Nitrobenzene-d5	7.26	82	552302	76.47	ng	-0.02
41) 2,4,6-Tribromophenol	10.52	330	130621	99.07	ng	-0.02
44) 2-Fluorobiphenyl	9.05	172	810451	78.36	ng	-0.02
78) Terphenyl-d14	12.79	244	569481	56.19	ng	-0.02
Target Compounds						
10) Phenol	6.35	94	28517	2.662	ng	94
49) Dimethylphthalate	9.45	163	88953	8.008	ng	98
74) Fluoranthene	12.42	202	38325	2.762	ng	98
77) Pyrene	12.64	202	40645	2.351	ng	98
83) Bis(2-ethylhexyl)phthalate	13.83	149	44577	6.070	ng	# 98
87) Benzo(b)fluoranthene	14.86	252	20683m	2.297	ng	

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

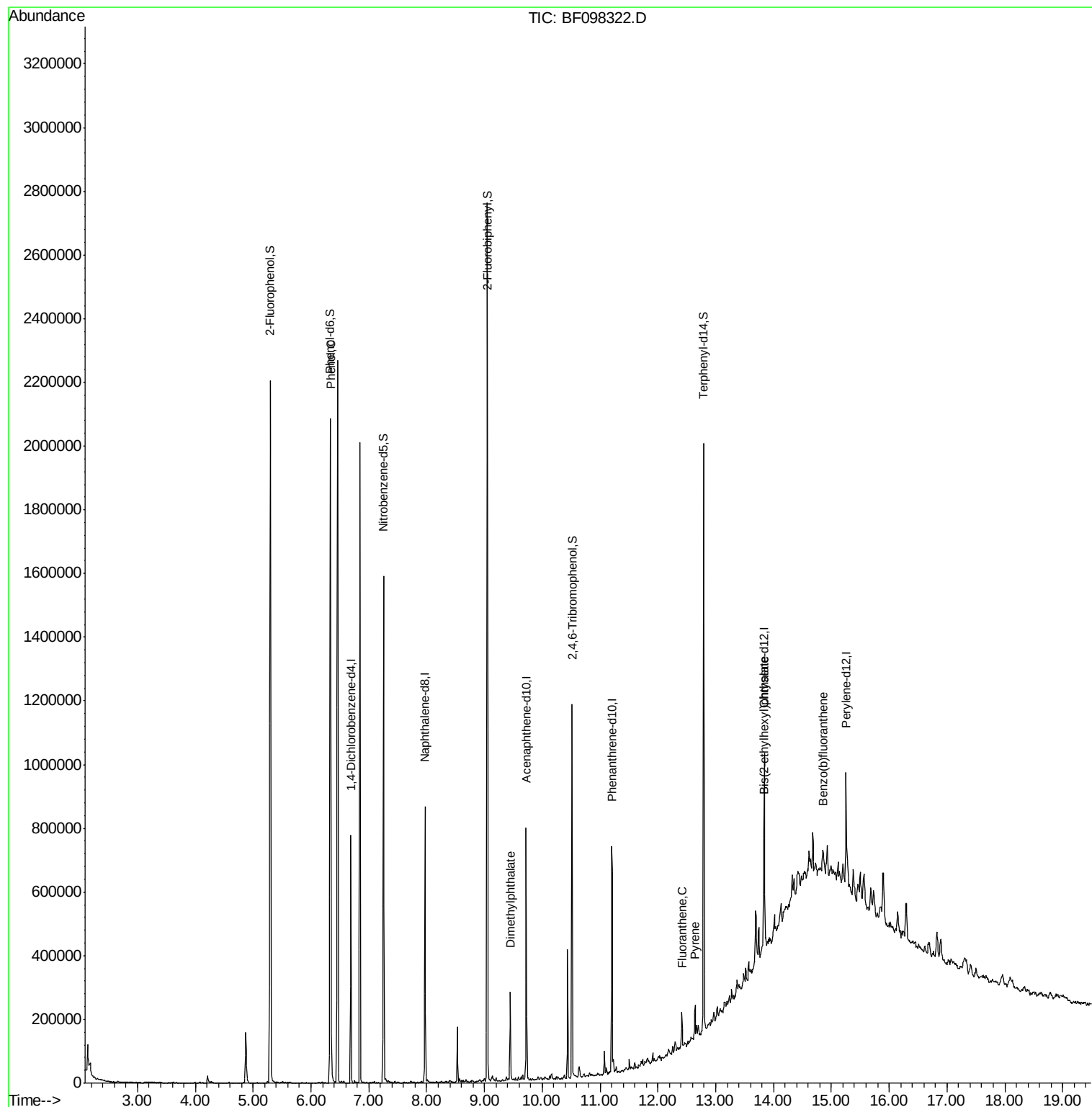
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF090717\
Data File : BF098322.D
Acq On : 7 Sep 2017 19:13
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Sample : I5052-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

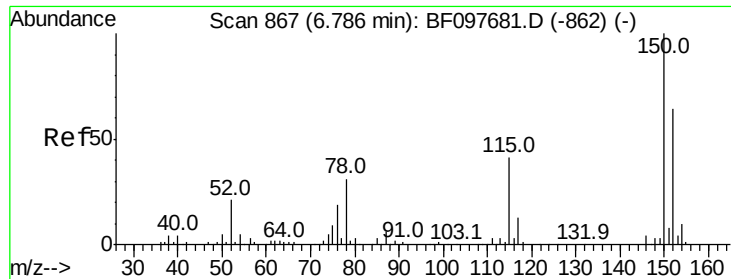
Instrument :
BNA_F
ClientSampleId :
G27A-0-1.5

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Quant Time: Sep 08 02:21:52 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
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#1

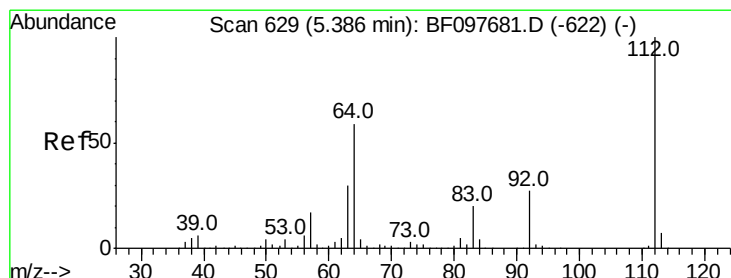
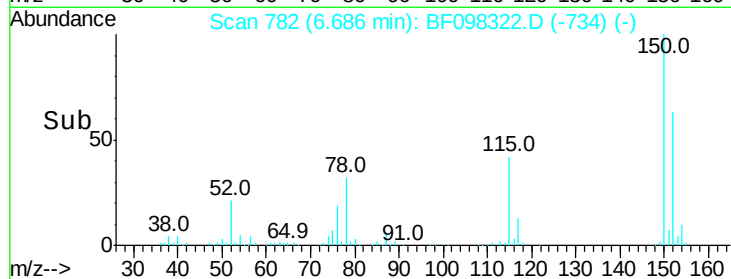
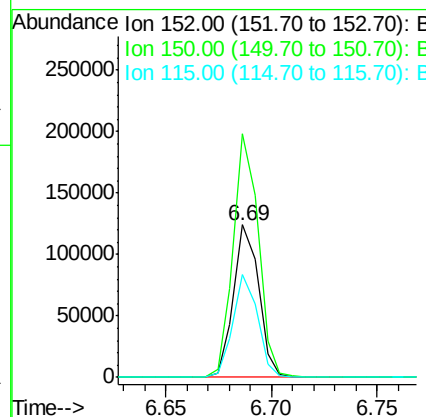
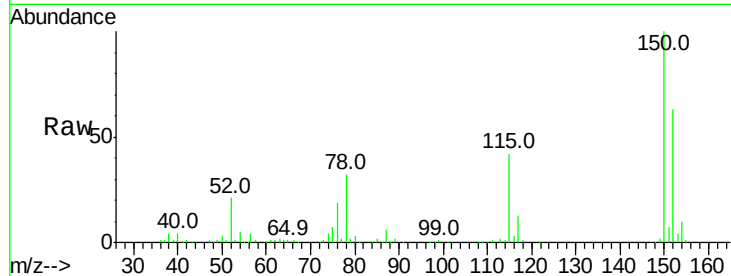
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 782
Delta R.T. -0.02 min
Lab File: BF098322.D
Acq: 7 Sep 2017 19:13

Instrument :
BNA_F
ClientSampled :
G27A-0-1.5

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.8	126.2	189.2
115	67.9	52.2	78.2

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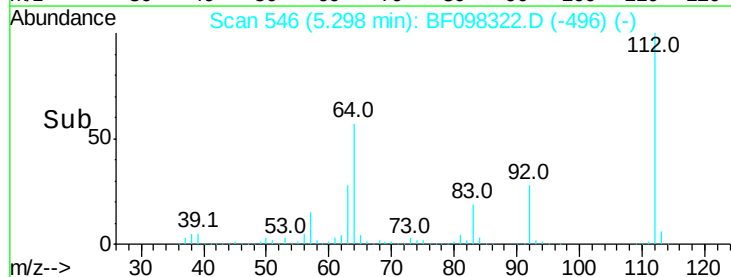
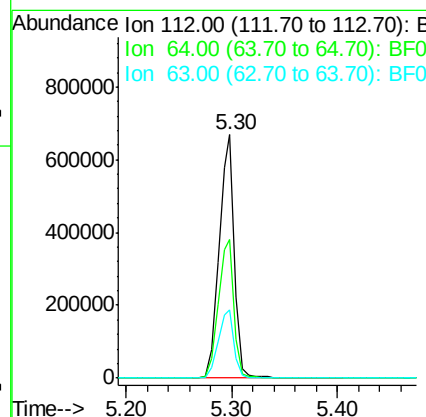
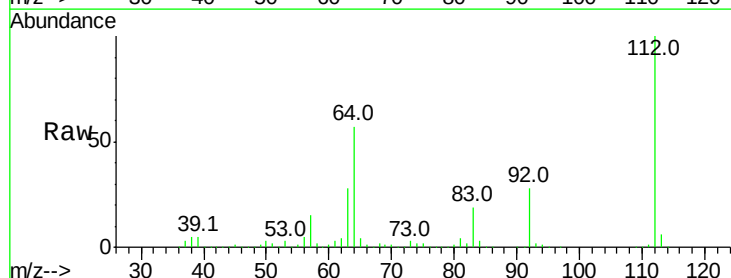
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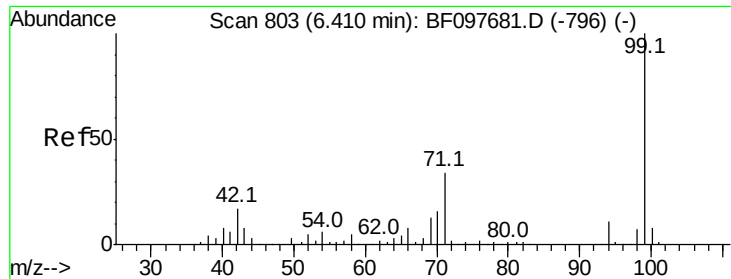


#5

2-Fluorophenol
Concen: 101.047 ng
RT: 5.30 min Scan# 546
Delta R.T. -0.01 min
Lab File: BF098322.D
Acq: 7 Sep 2017 19:13

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.8	46.0	69.0
63	27.9	23.4	35.0





#7

Phenol-d6

Concen: 101.815 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.02 min

Lab File: BF098322.D

Acq: 7 Sep 2017 19:13

Instrument :

BNA_F

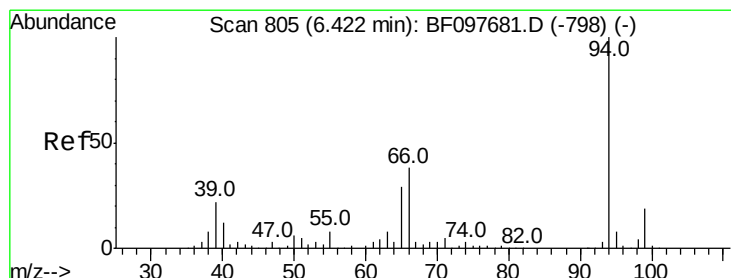
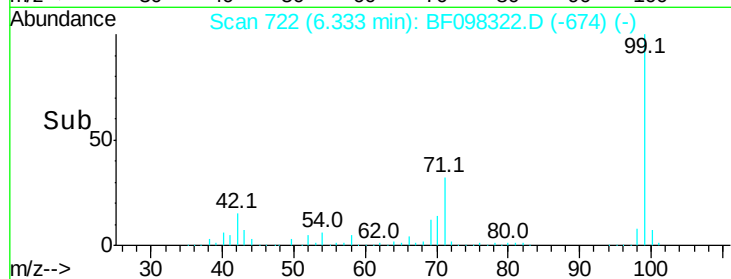
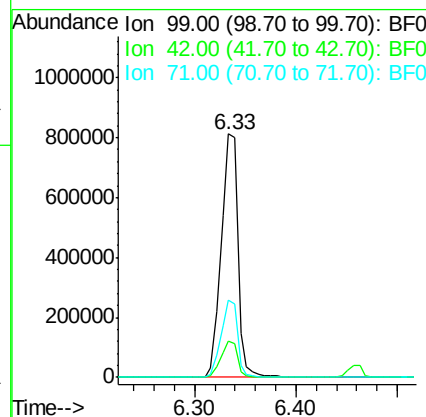
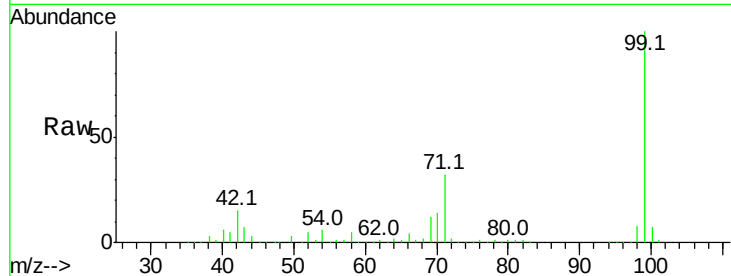
ClientSampled :

G27A-0-1.5

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		932713		
42	14.7	13.5	20.3		
71	31.8	24.5	36.7		

Manual Integrations
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#10

Phenol

Concen: 2.662 ng

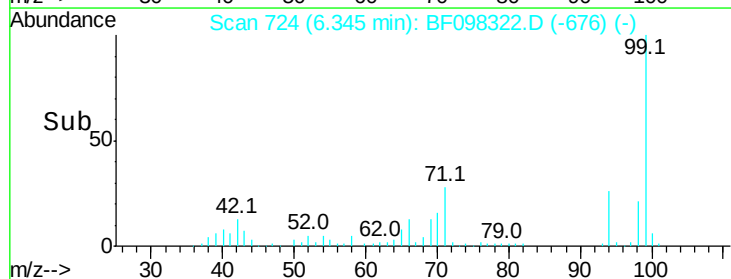
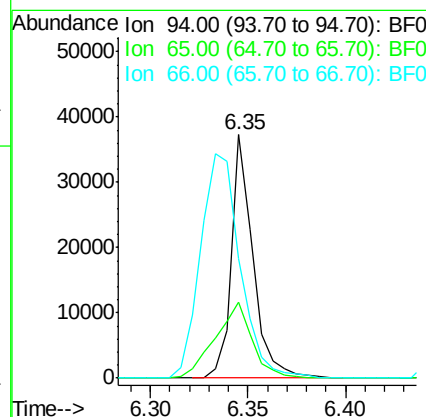
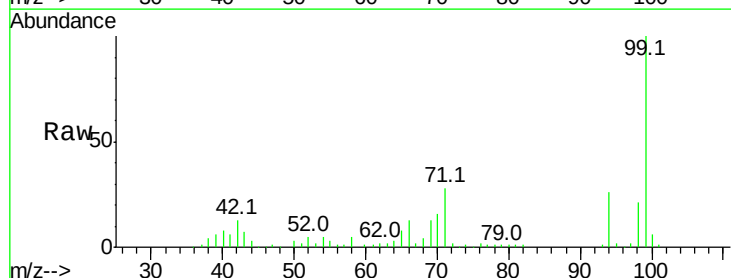
RT: 6.35 min Scan# 724

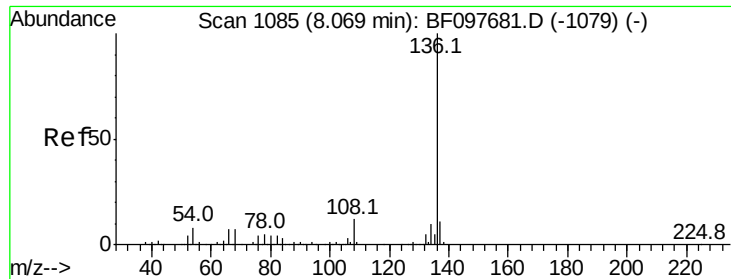
Delta R.T. -0.02 min

Lab File: BF098322.D

Acq: 7 Sep 2017 19:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100		28517		
65	31.2	9.9	49.9		
66	48.9	23.1	63.1		





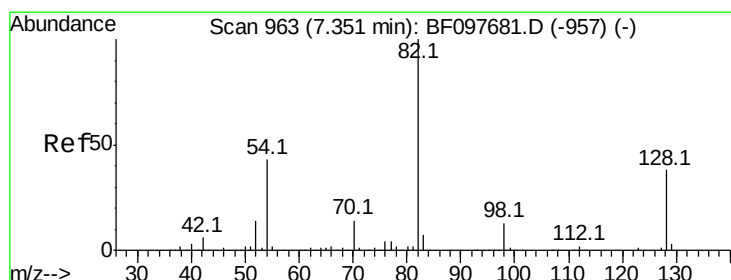
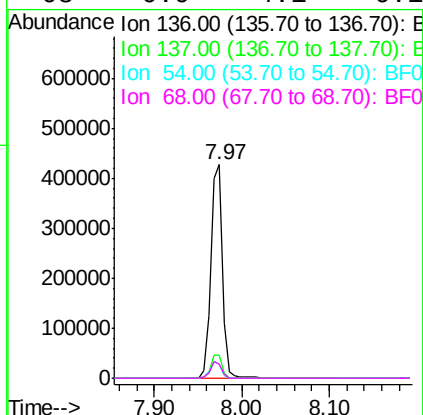
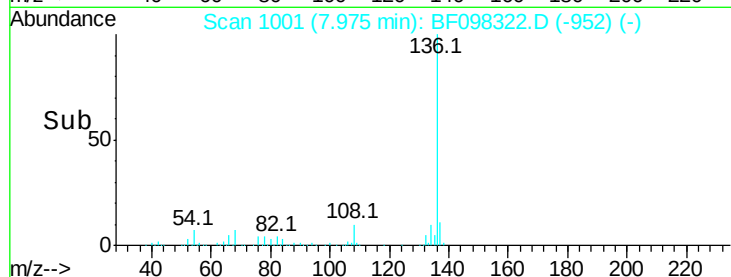
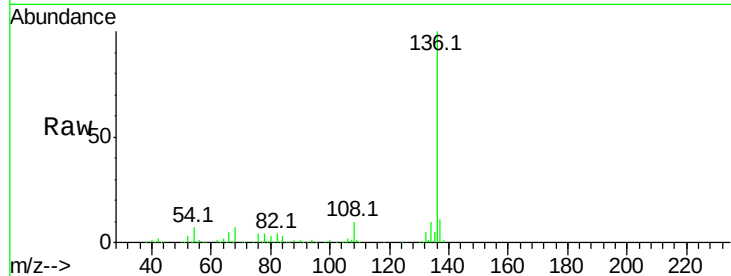
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF098322.D
Acq: 7 Sep 2017 19:13

Instrument :
BNA_F
ClientSampleId :
G27A-0-1.5

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.6	8.5	12.7	
54	6.8	4.9	7.3	
68	6.9	4.1	6.1	

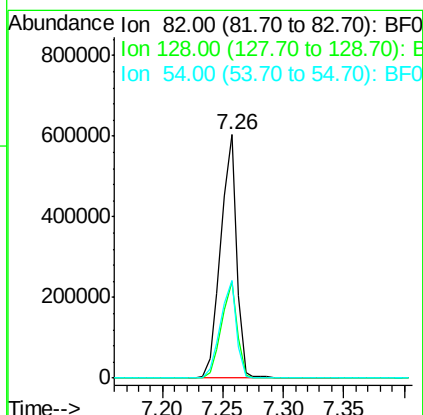
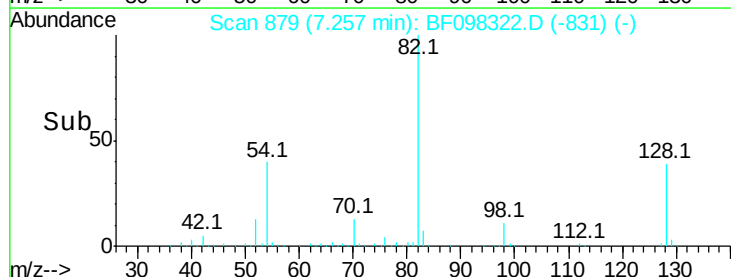
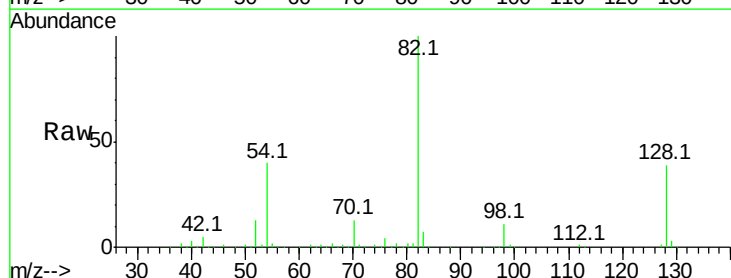
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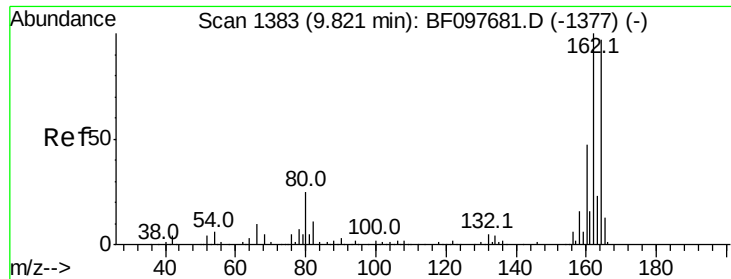
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#23
Nitrobenzene-d5
Concen: 76.471 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.02 min
Lab File: BF098322.D
Acq: 7 Sep 2017 19:13

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	39.5	34.0	51.0	
54	40.3	42.2	63.2	





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.72 min Scan# 1298

Delta R.T. -0.02 min

Lab File: BF098322.D

Acq: 7 Sep 2017 19:13

Instrument :

BNA_F

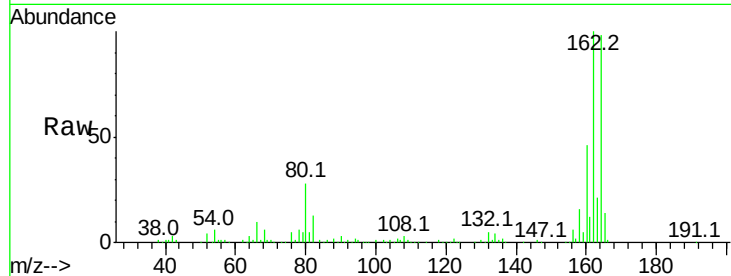
ClientSampled :

G27A-0-1.5

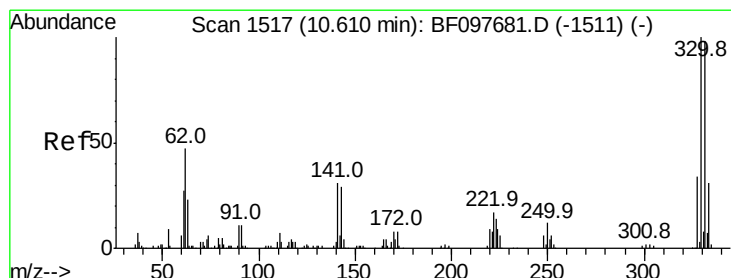
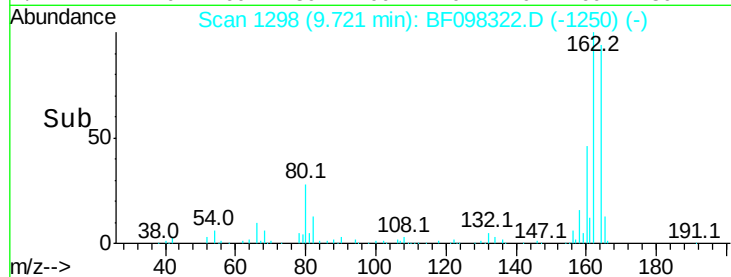
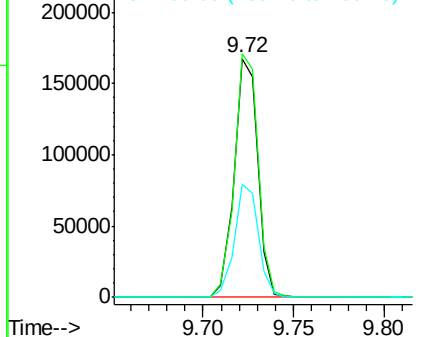
Tot Ion:	164	Resp:	151961
Ion Ratio	Lower	Upper	
164	100		
162	102.0	82.6	123.8
160	47.4	36.2	54.2

Manual Integrations
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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: 99.067 ng

RT: 10.52 min Scan# 1433

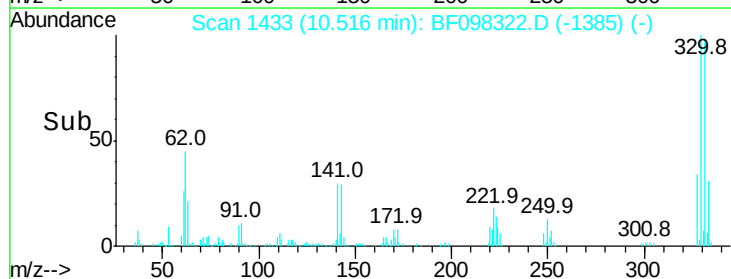
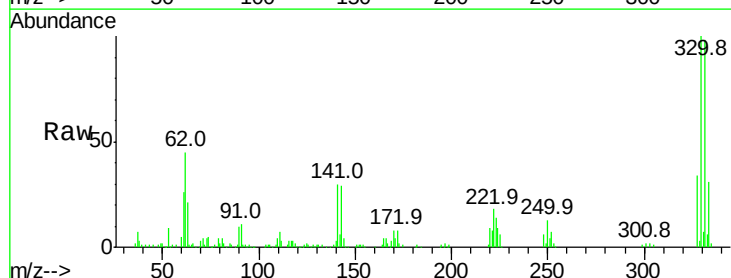
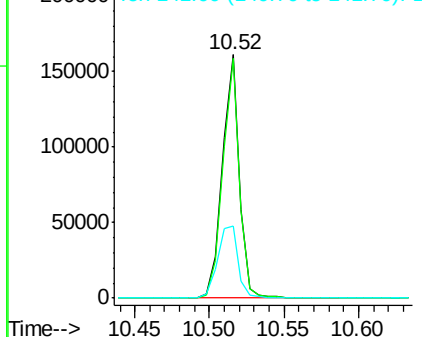
Delta R.T. -0.02 min

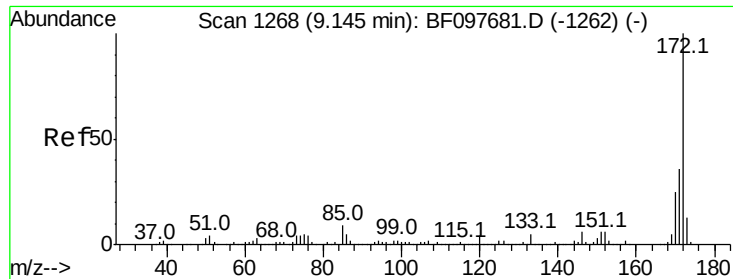
Lab File: BF098322.D

Acq: 7 Sep 2017 19:13

Tgt Ion:	330	Resp:	130621
Ion Ratio	Lower	Upper	
330	100		
332	96.8	76.6	115.0
141	36.3	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





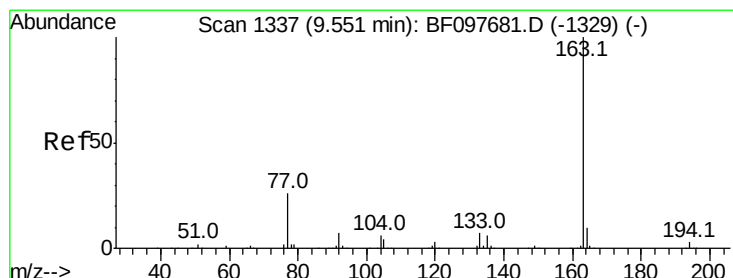
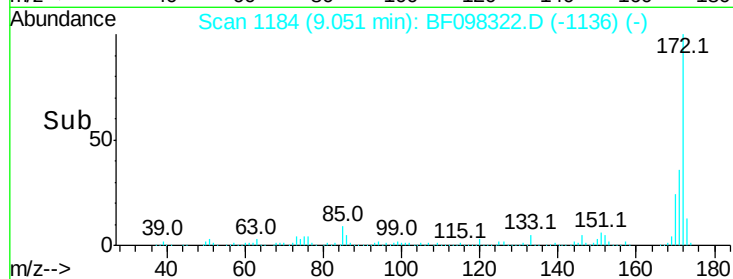
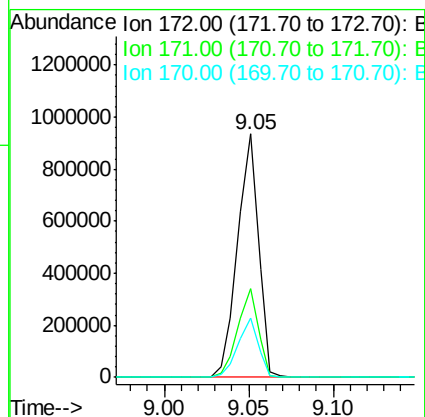
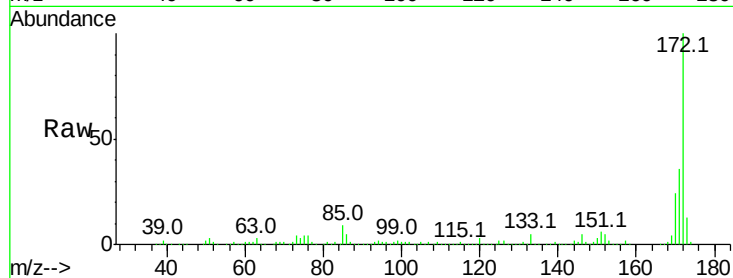
#44
2-Fluorobiphenyl
Concen: 78.357 ng
RT: 9.05 min Scan# 1184
Delta R.T. -0.02 min
Lab File: BF098322.D
Acq: 7 Sep 2017 19:13

Instrument :
BNA_F
ClientSampleId :
G27A-0-1.5

Tot Ion	Ratio	Resp	Lower	Upper
172	100			
171	36.4		29.6	44.4
170	24.1		19.8	29.8

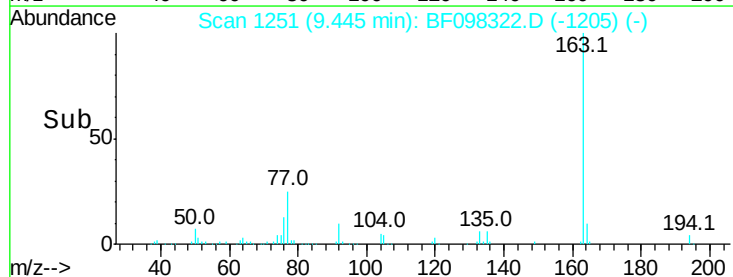
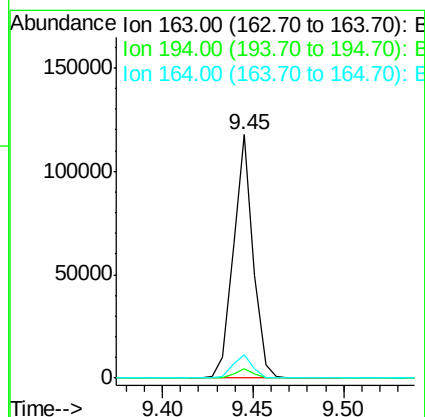
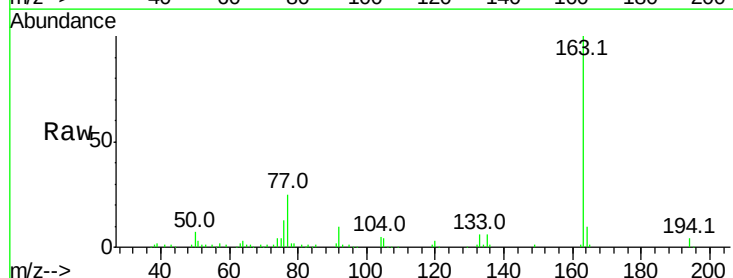
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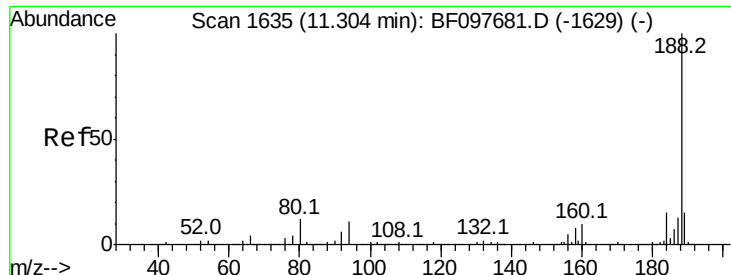
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#49
Dimethylphthalate
Concen: 8.008 ng
RT: 9.45 min Scan# 1251
Delta R.T. -0.03 min
Lab File: BF098322.D
Acq: 7 Sep 2017 19:13

Tgt Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.8		2.6	4.0
164	9.7		8.4	12.6





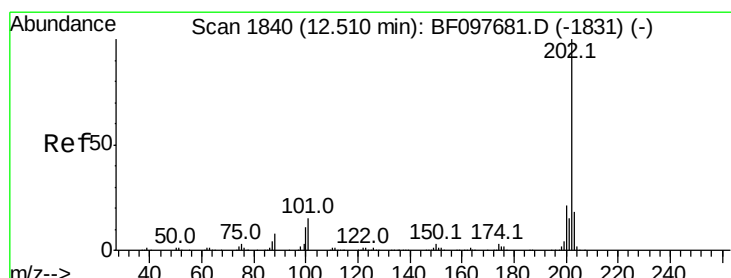
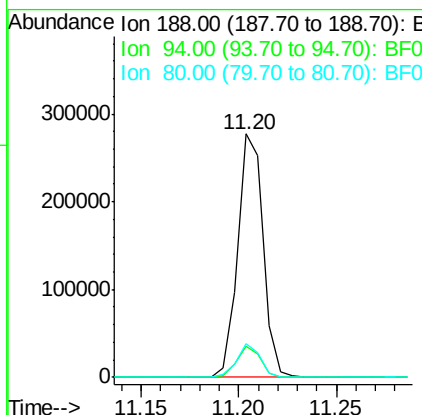
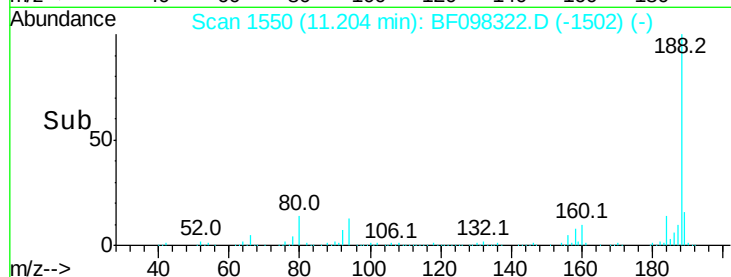
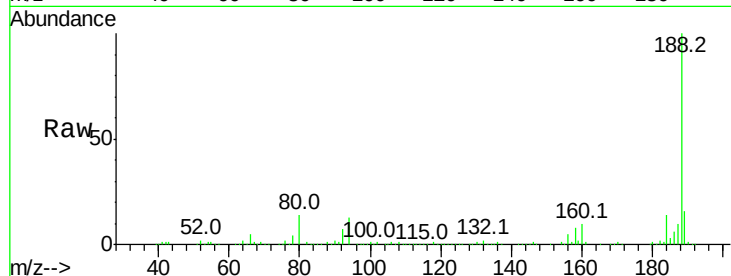
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1550
Delta R.T. -0.02 min
Lab File: BF098322.D
Acq: 7 Sep 2017 19:13

Instrument :
BNA_F
ClientSampleId :
G27A-0-1.5

Tot Ion	Ratio	Resp	Lower	Upper
188	100	249447		
94	12.8		9.4	14.2
80	13.8		10.2	15.2

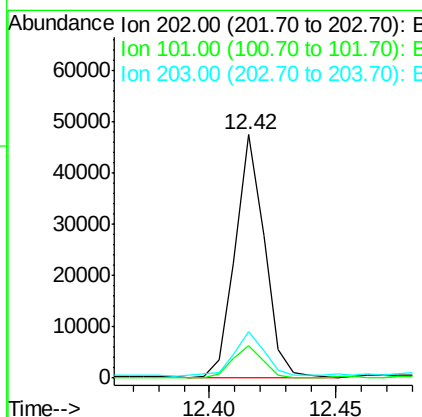
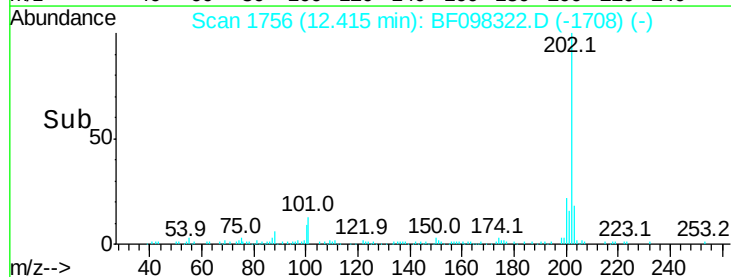
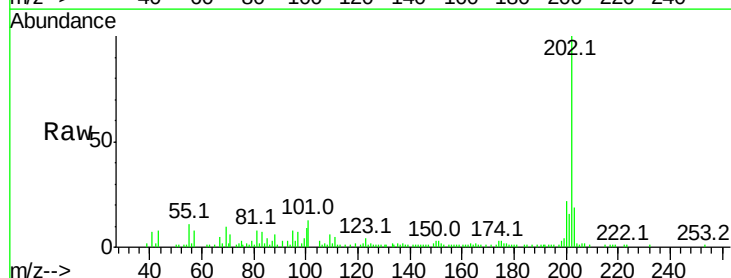
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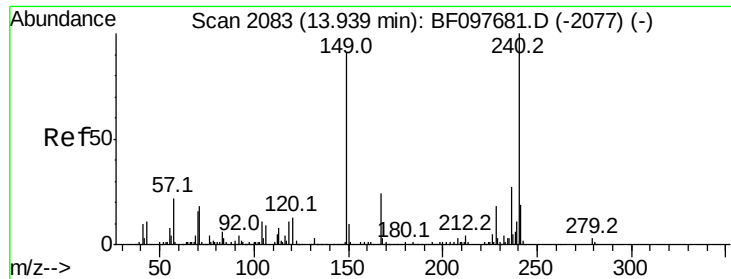
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#74
Fluoranthene
Concen: 2.762 ng
RT: 12.42 min Scan# 1756
Delta R.T. -0.02 min
Lab File: BF098322.D
Acq: 7 Sep 2017 19:13

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	38325		
101	13.4		0.0	33.2
203	19.3		0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.84 min Scan# 1999

Delta R.T. -0.02 min

Lab File: BF098322.D

Acq: 7 Sep 2017 19:13

Instrument :

BNA_F

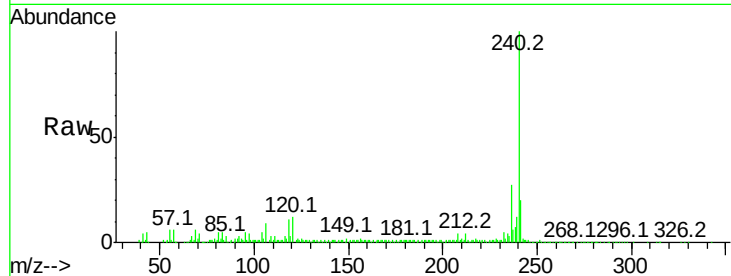
ClientSampleId :

G27A-0-1.5

Tot Ion	Ratio	Resp	Lower	Upper
240	100	211356		
120	12.5	5.8	8.8#	
236	26.9	20.5	30.7	

Manual Integrations
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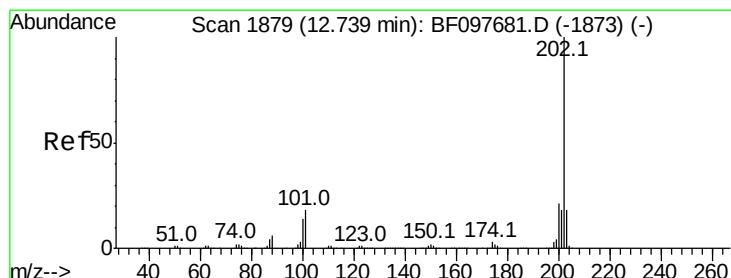
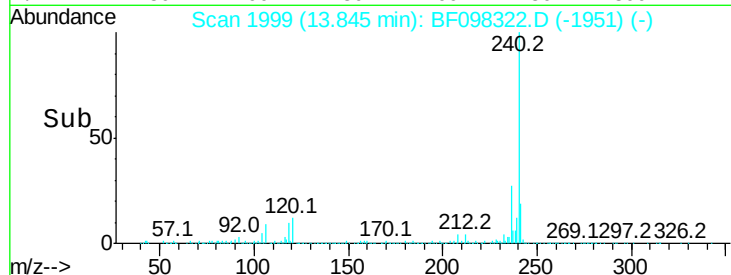
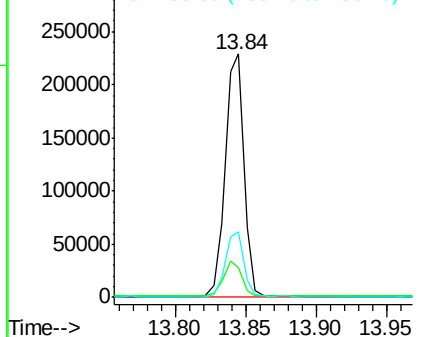


Abundance

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

Pyrene

Concen: 2.351 ng

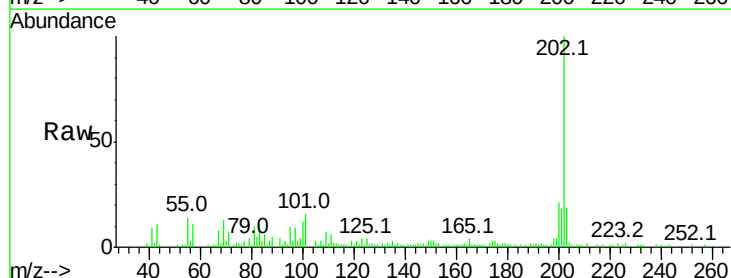
RT: 12.64 min Scan# 1795

Delta R.T. -0.02 min

Lab File: BF098322.D

Acq: 7 Sep 2017 19:13

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	40645		
200	20.7	17.6	26.4	
203	18.9	14.4	21.6	

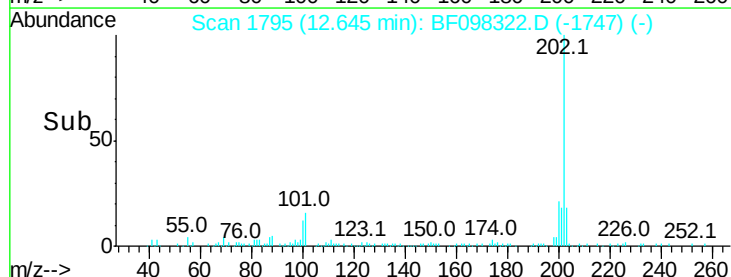
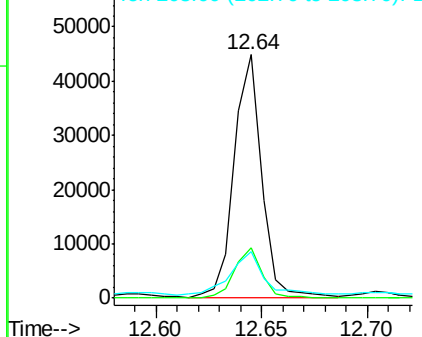


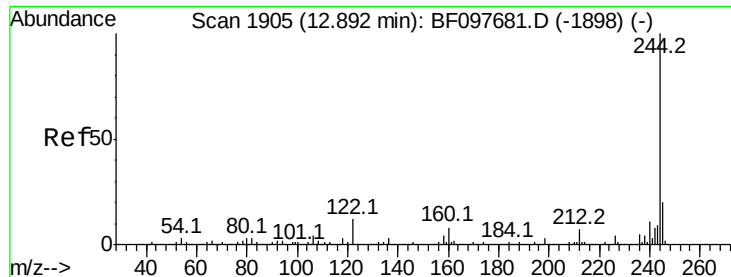
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





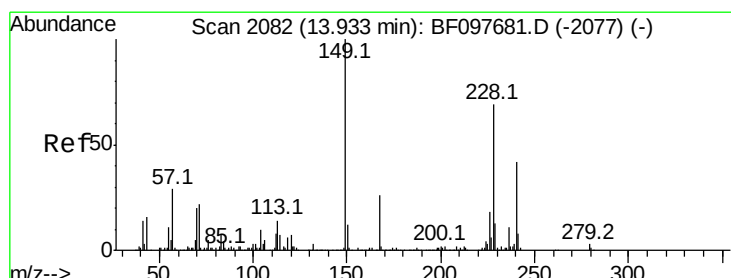
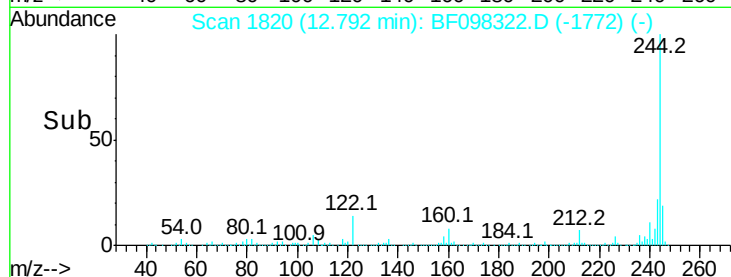
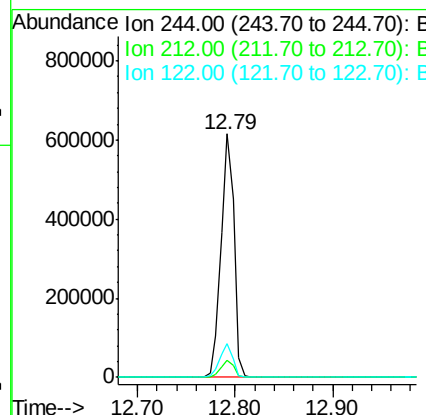
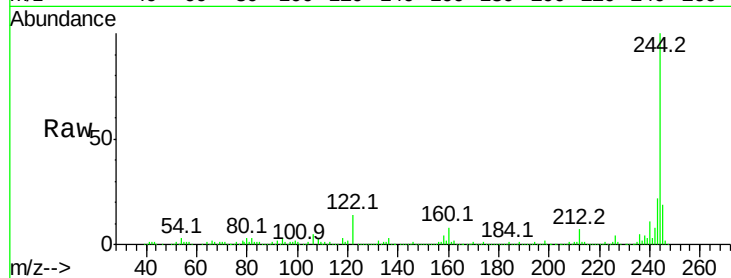
#78
 Terphenyl-d14
 Concen: 56.188 ng
 RT: 12.79 min Scan# 1820
 Delta R.T. -0.02 min
 Lab File: BF098322.D
 Acq: 7 Sep 2017 19:13

Instrument :
 BNA_F
 ClientSampled :
 G27A-0-1.5

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.0	9.0
122	13.9	10.3	15.5

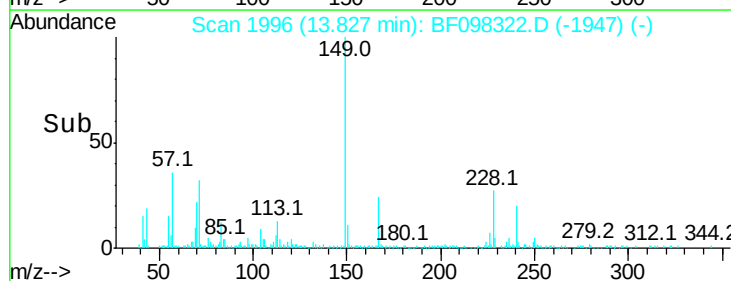
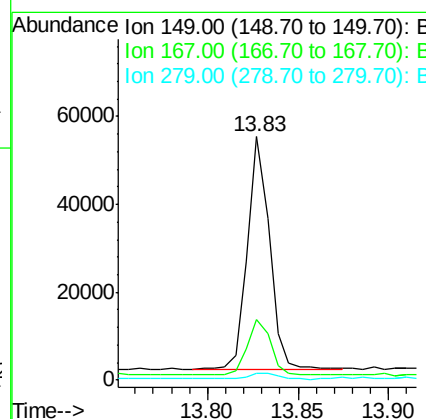
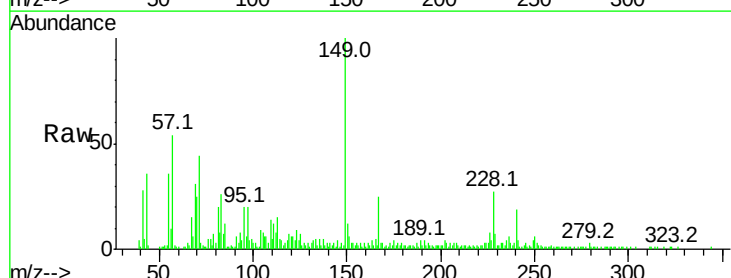
Manual Integrations
 APPROVED

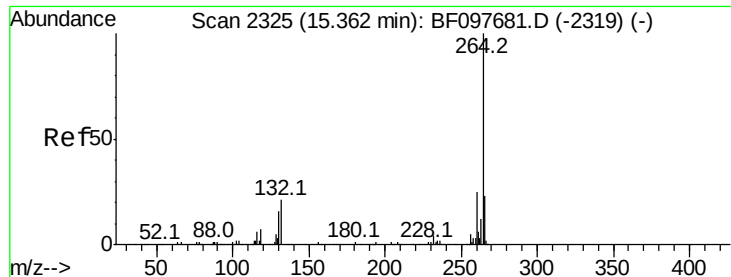
Sohil
 9/8/2017 5:45:19 PM



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 6.070 ng
 RT: 13.83 min Scan# 1996
 Delta R.T. -0.01 min
 Lab File: BF098322.D
 Acq: 7 Sep 2017 19:13

Tgt Ion	Ratio	Lower	Upper
149	100		
167	25.1	21.0	31.4
279	2.9	1.9	2.9#





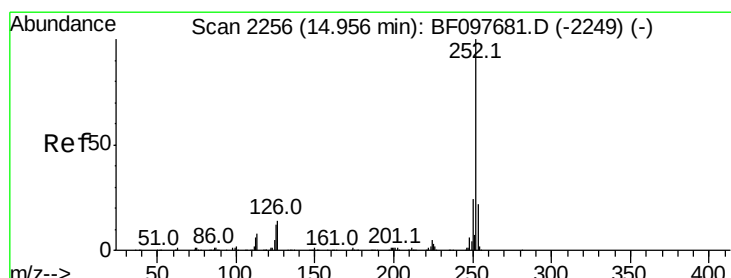
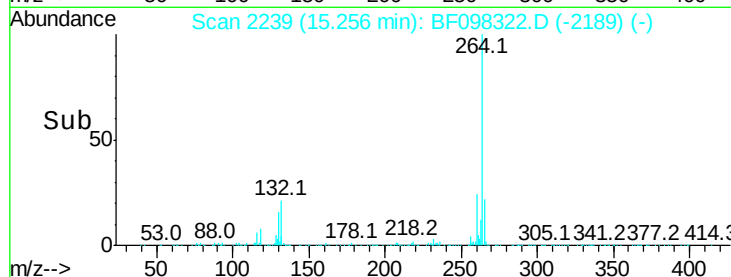
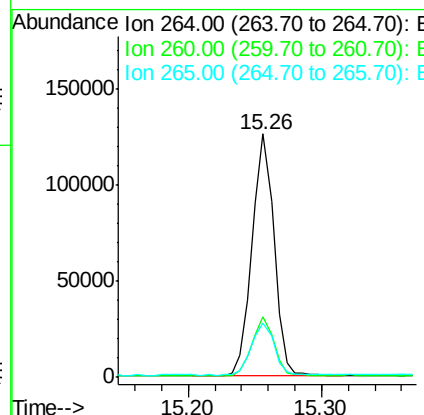
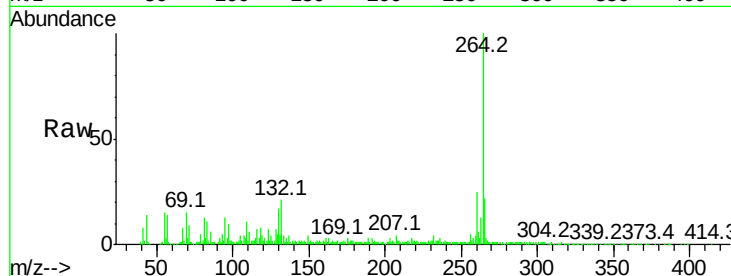
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.26 min Scan# 2239
Delta R.T. -0.01 min
Lab File: BF098322.D
Acq: 7 Sep 2017 19:13

Instrument :
BNA_F
ClientSampleId :
G27A-0-1.5

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.5	29.3
265	22.4	17.2	25.8

Manual Integrations
APPROVED

Sohil
9/8/2017 5:45:19 PM



#87
Benzo(b)fluoranthene
Concen: 2.297 ng m
RT: 14.86 min Scan# 2171
Delta R.T. -0.01 min
Lab File: BF098322.D
Acq: 7 Sep 2017 19:13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	37.4	18.1	27.1#
125	51.2	9.8	14.8#

