

Data Path : Z:\HPCHEM1\BNA F\DATA\BF083017\
 Data File : BF098174.D
 Acq On : 30 Aug 2017 23:50
 Operator : SJ/JU
 Sample : I5008-01 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NB-08-082817-A

Manual Integrations
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 8/31/2017 7:12:38 PM

Quant Time: Aug 31 07:59:55 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 21 15:59:04 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	101982	20.00	ng	-0.03
21) Naphthalene-d8	8.01	136	360126	20.00	ng	-0.02
38) Acenaphthene-d10	9.76	164	128445	20.00	ng	-0.03
63) Phenanthrene-d10	11.24	188	220182	20.00	ng	-0.02
75) Chrysene-d12	13.87	240	236773	20.00	ng	-0.03
86) Perylene-d12	15.29	264	185389	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	171387	25.56	ng	-0.03
7) Phenol-d6	6.36	99	223967	24.59	ng	-0.03
23) Nitrobenzene-d5	7.29	82	126078	19.02	ng	-0.04
41) 2,4,6-Tribromophenol	10.55	330	25340	22.74	ng	-0.03
44) 2-Fluorobiphenyl	9.08	172	191408	21.89	ng	-0.03
78) Terphenyl-d14	12.82	244	146007	12.86	ng	-0.03
Target Compounds						
49) Dimethylphthalate	9.48	163	24672	2.628	ng	96
74) Fluoranthene	12.44	202	34271	2.798	ng	97
83) Bis(2-ethylhexyl)phthalate	13.86	149	44502	5.409	ng	98
87) Benzo(b)fluoranthene	14.89	252	24176m	2.069	ng	

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

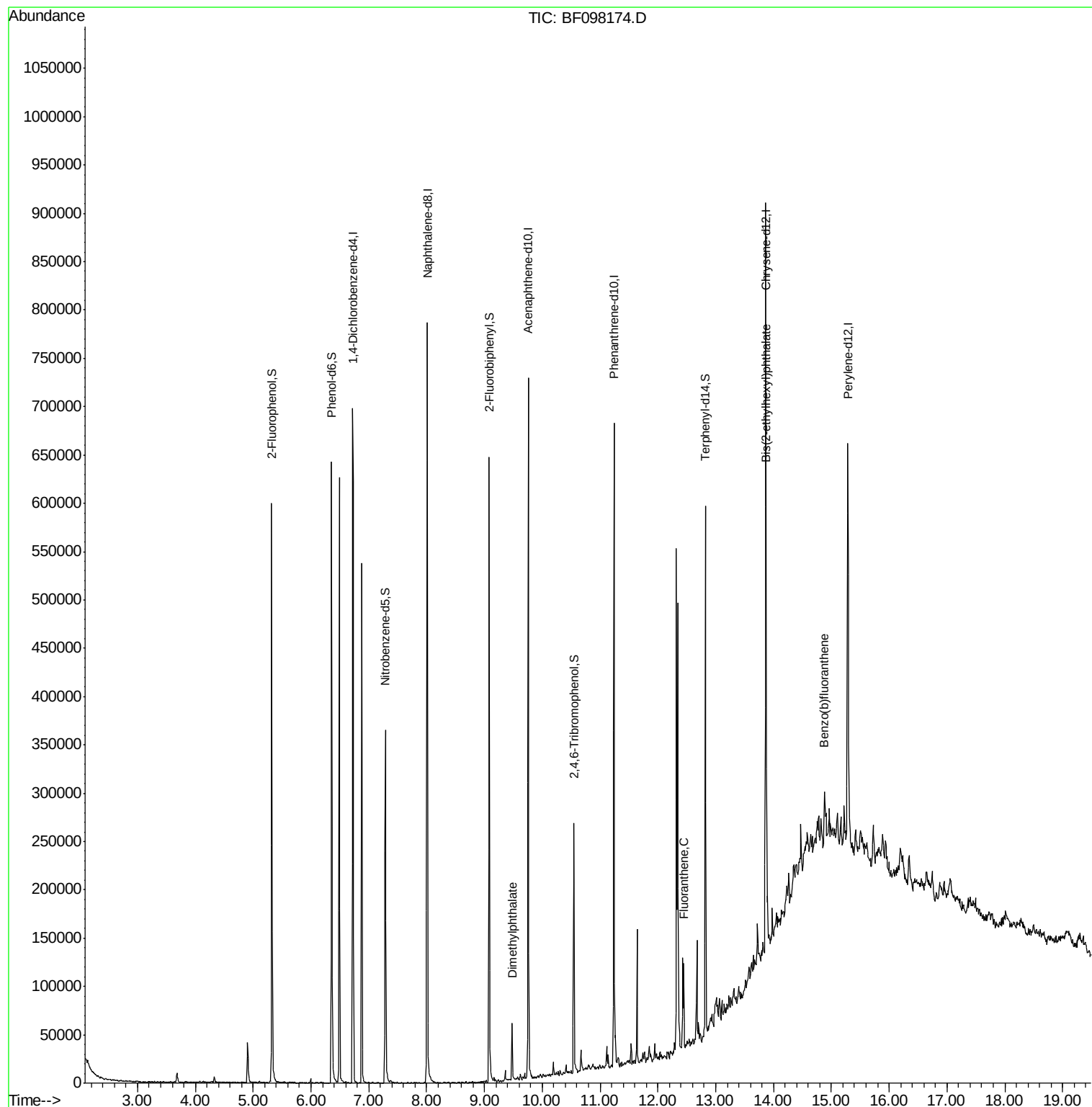
Data Path : Z:\HPCHEM1\BNA F\DATA\BF083017\
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Operator : SJ/JU
Sample : I5008-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

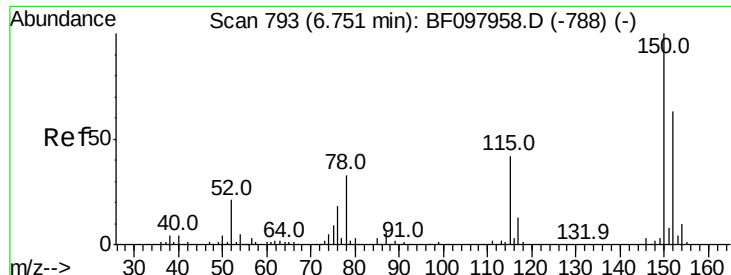
Instrument :
BNA_F
ClientSampleId :
NB-08-082817-A

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QLast Update : Mon Aug 21 15:59:04 2017
Response via : Initial Calibration





#1

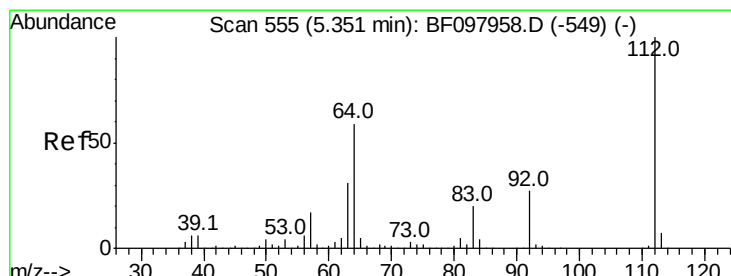
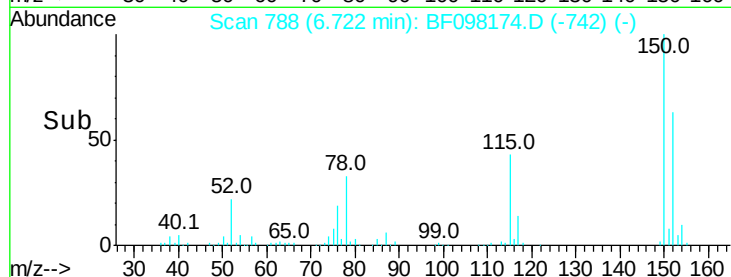
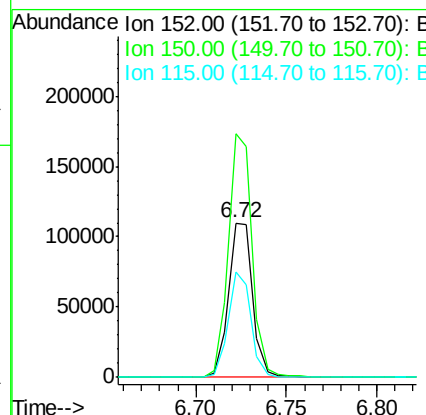
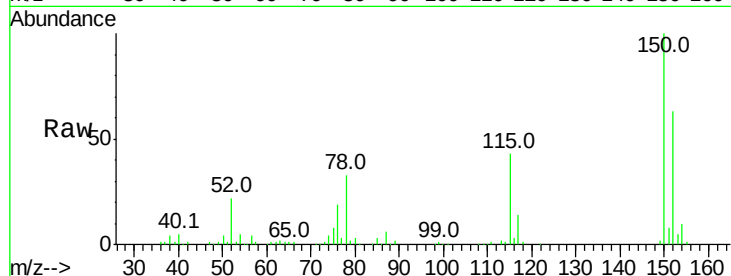
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.03 min
Lab File: BF098174.D
Acq: 30 Aug 2017 23:50

Instrument :
BNA_F
ClientSampleId :
NB-08-082817-A

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.1	126.2	189.2
115	68.4	52.2	78.2

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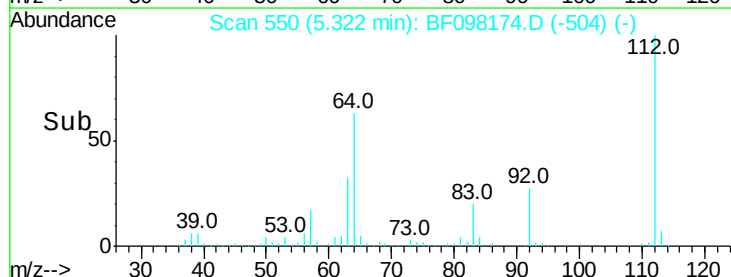
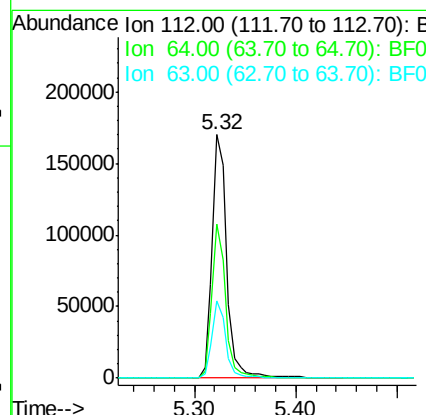
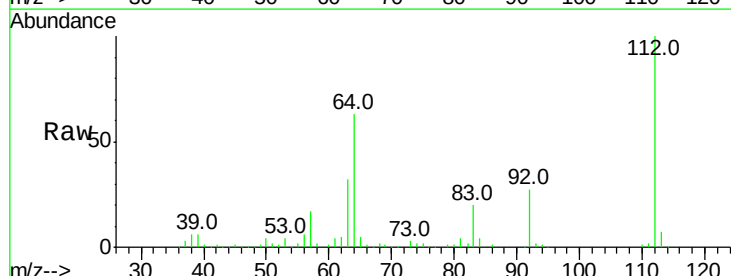
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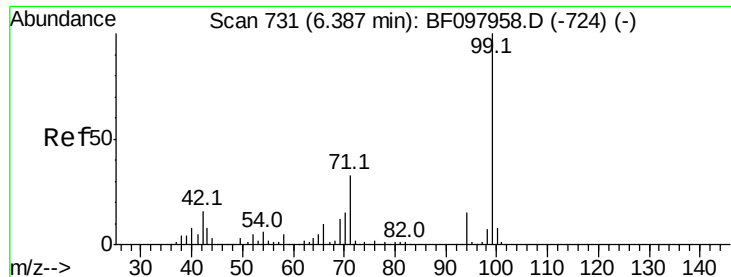


#5

2-Fluorophenol
Concen: 25.563 ng
RT: 5.32 min Scan# 550
Delta R.T. -0.03 min
Lab File: BF098174.D
Acq: 30 Aug 2017 23:50

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.2	46.0	69.0
63	31.7	23.4	35.0





#7

Phenol-d6

Concen: 24.586 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.03 min

Lab File: BF098174.D

Acq: 30 Aug 2017 23:50

Instrument :

BNA_F

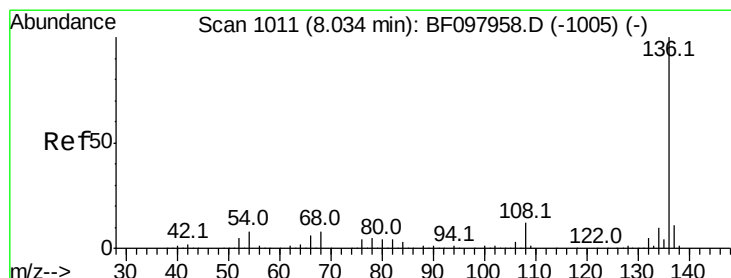
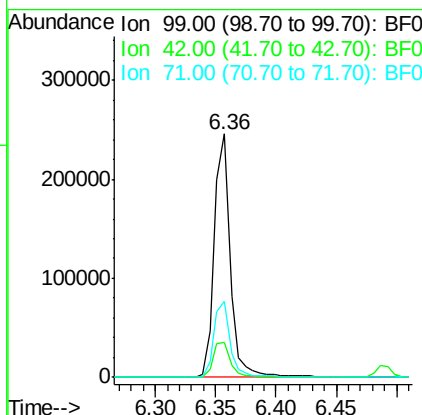
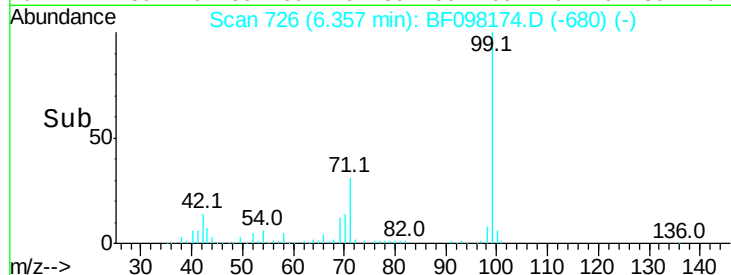
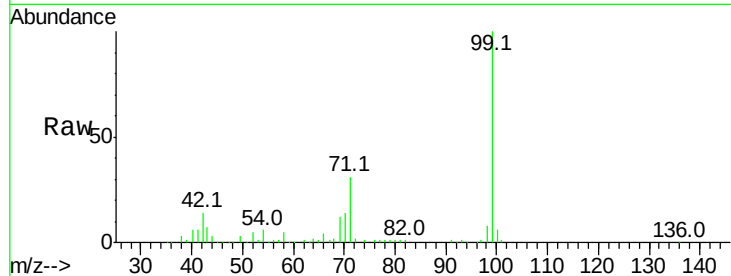
ClientSampleId :

NB-08-082817-A

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		223967		
42	14.1	13.5	20.3		
71	31.4	24.5	36.7		

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#21

Naphthalene-d8

Concen: 20.000 ng

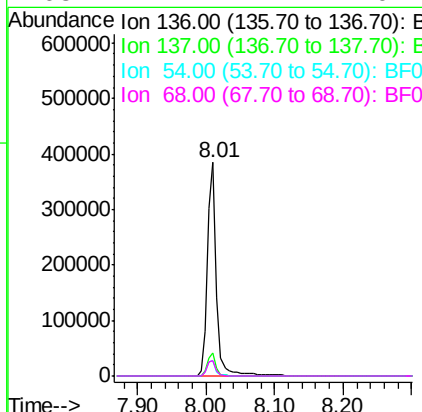
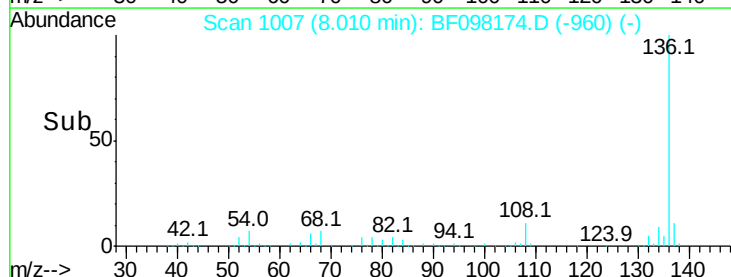
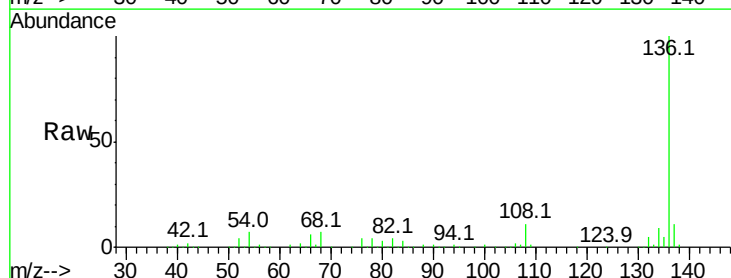
RT: 8.01 min Scan# 1007

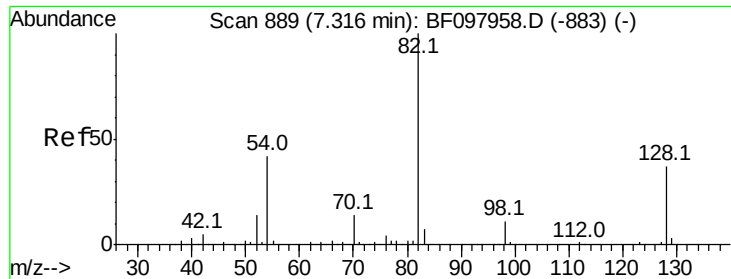
Delta R.T. -0.02 min

Lab File: BF098174.D

Acq: 30 Aug 2017 23:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		360126		
137	10.6	8.5	12.7		
54	7.2	4.9	7.3		
68	7.1	4.1	6.1#		





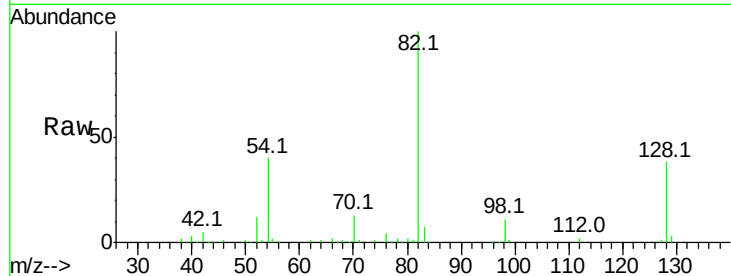
#23
 Nitrobenzene-d5
 Concen: 19.019 ng
 RT: 7.29 min Scan# 884
 Delta R.T. -0.04 min
 Lab File: BF098174.D
 Acq: 30 Aug 2017 23:50

Instrument :
 BNA_F
 ClientSampled :
 NB-08-082817-A

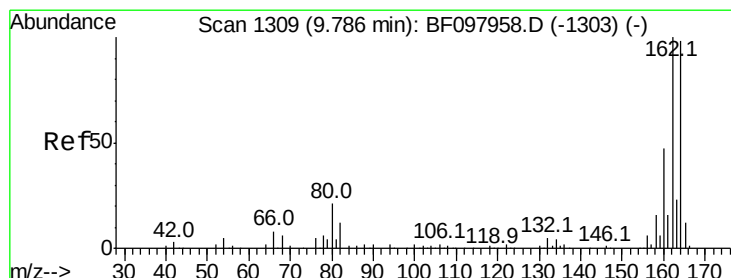
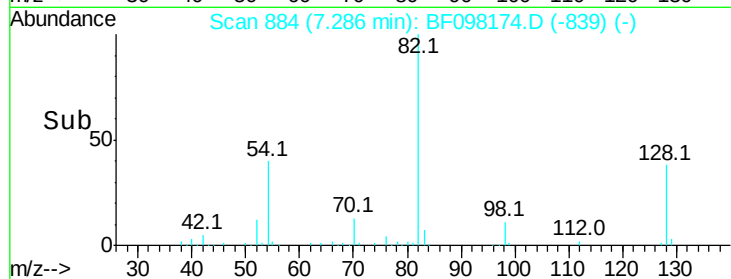
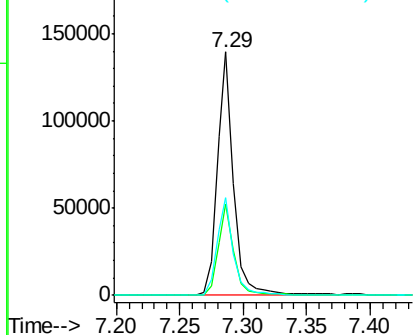
Tot Ion	Ratio	Lower	Upper
82	100		
128	37.7	34.0	51.0
54	39.9	42.2	63.2#

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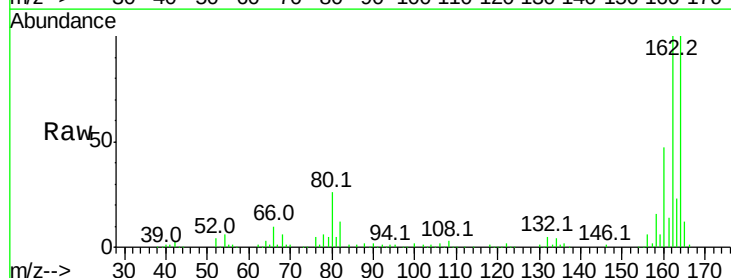


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

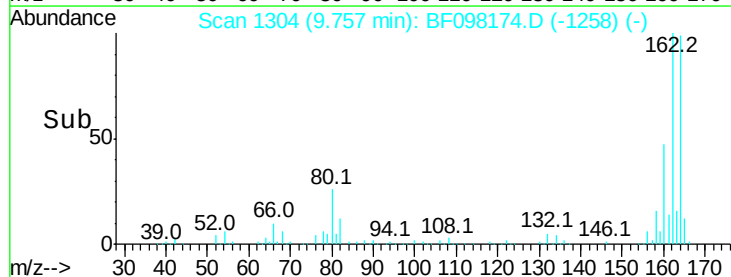
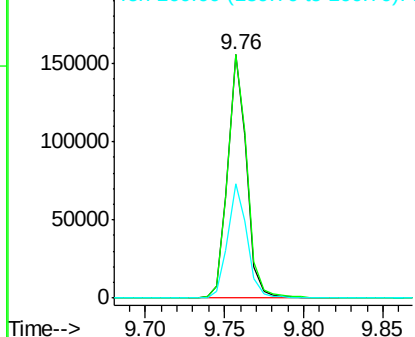


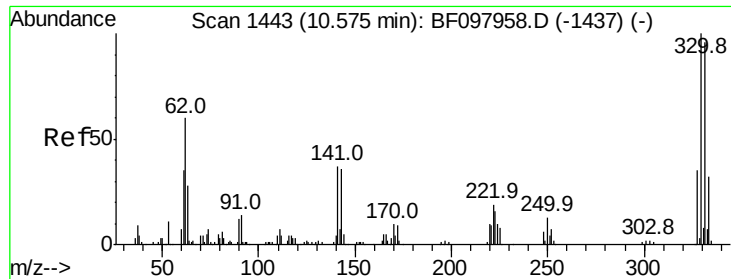
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.03 min
 Lab File: BF098174.D
 Acq: 30 Aug 2017 23:50

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.1	82.6	123.8
160	47.3	36.2	54.2



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: 22.737 ng

RT: 10.55 min Scan# 1438

Delta R.T. -0.03 min

Lab File: BF098174.D

Acq: 30 Aug 2017 23:50

Instrument :

BNA_F

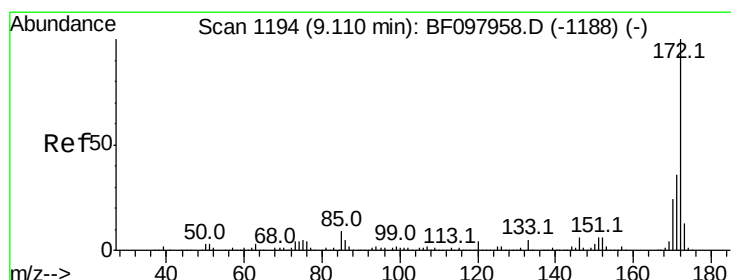
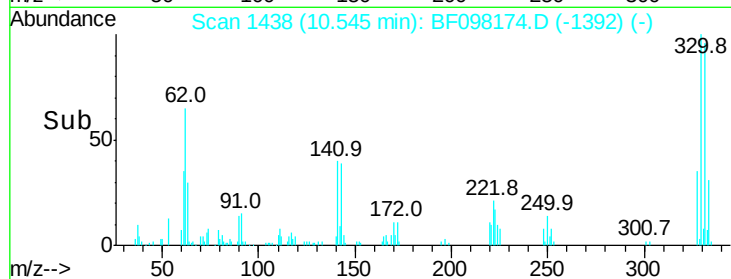
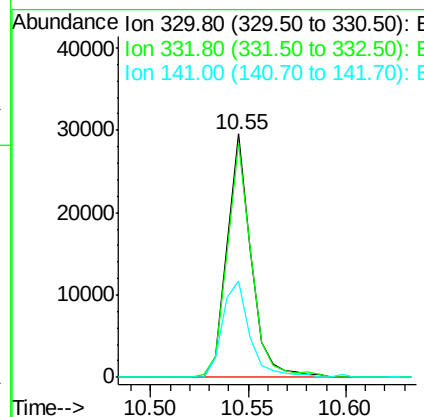
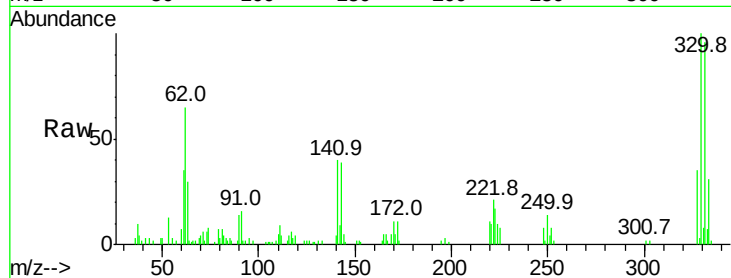
ClientSampleId :

NB-08-082817-A

Tot Ion:	330	Resp:	25340
Ion Ratio	Lower	Upper	
330	100		
332	98.2	76.6	115.0
141	44.6	31.4	47.2

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#44

2-Fluorobiphenyl

Concen: 21.894 ng

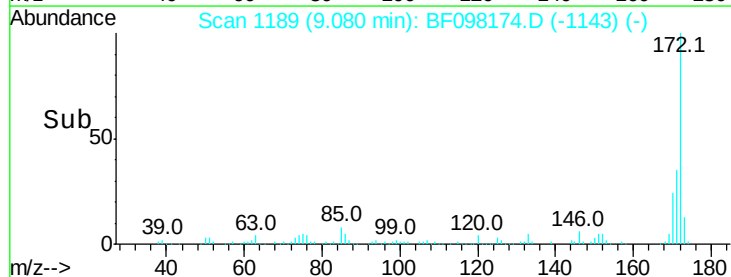
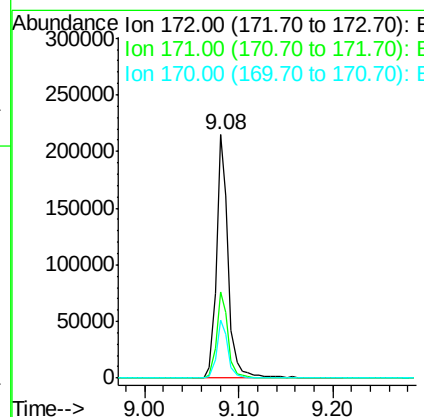
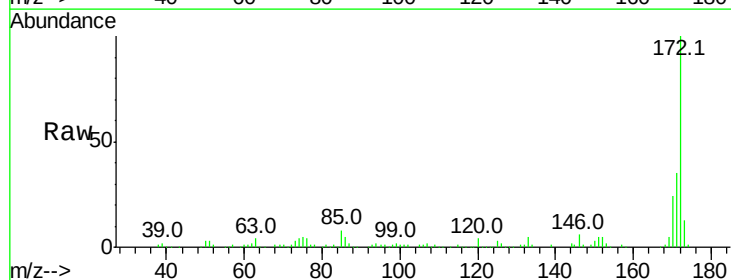
RT: 9.08 min Scan# 1189

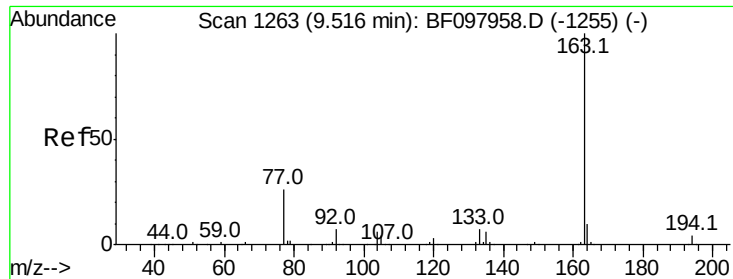
Delta R.T. -0.03 min

Lab File: BF098174.D

Acq: 30 Aug 2017 23:50

Tgt Ion:	172	Resp:	191408
Ion Ratio	Lower	Upper	
172	100		
171	35.4	29.6	44.4
170	23.6	19.8	29.8





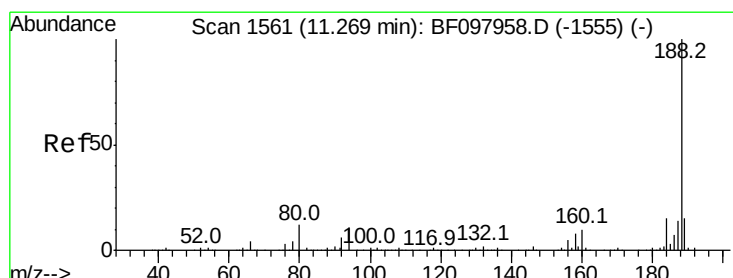
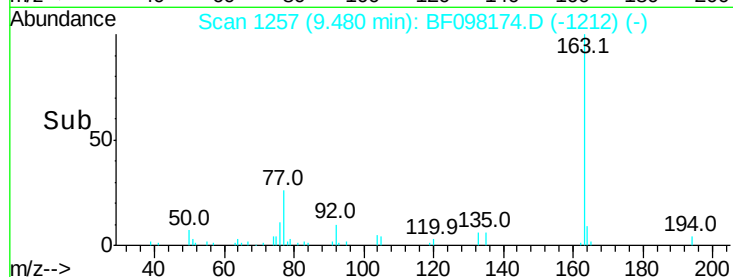
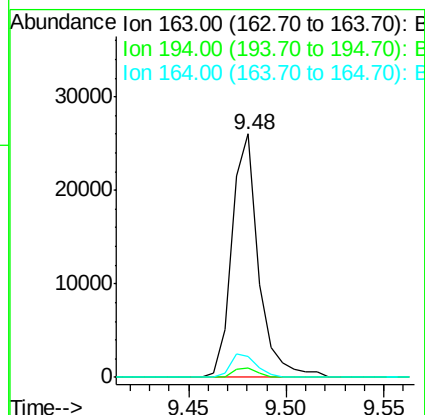
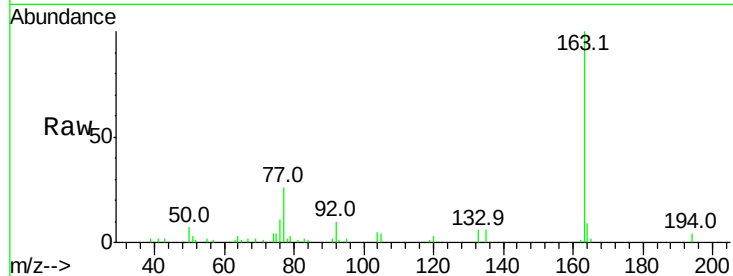
#49
Dimethylphthalate
Concen: 2.628 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.04 min
Lab File: BF098174.D
Acq: 30 Aug 2017 23:50

Instrument :
BNA_F
ClientSampleId :
NB-08-082817-A

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.6	4.0
164	8.7	8.4	12.6

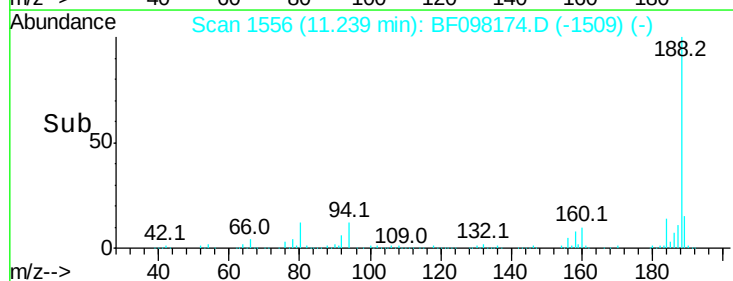
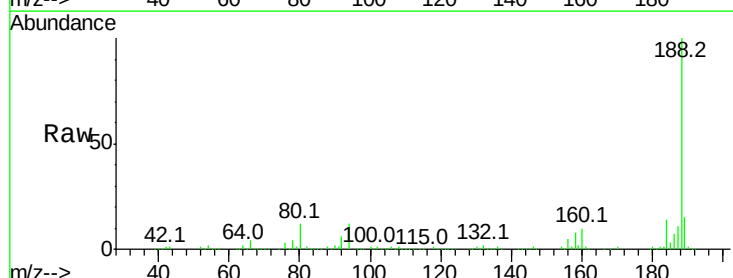
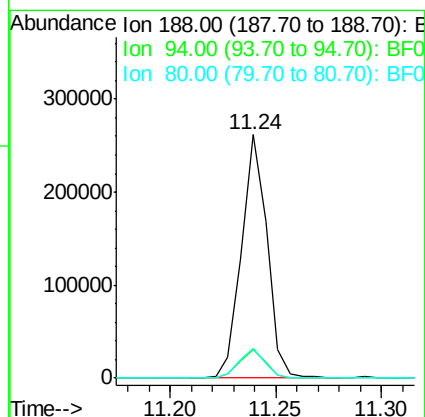
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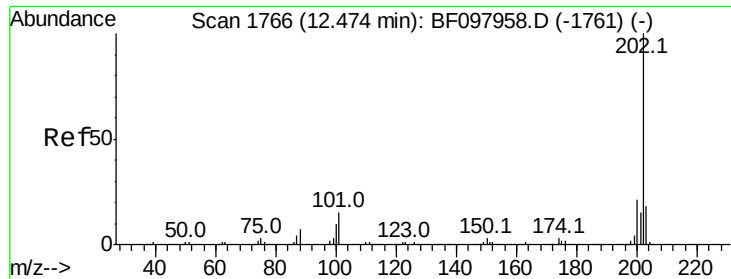
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.02 min
Lab File: BF098174.D
Acq: 30 Aug 2017 23:50

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.6	9.4	14.2
80	12.5	10.2	15.2





#74

Fluoranthene

Concen: 2.798 ng

RT: 12.44 min Scan# 1761

Delta R.T. -0.03 min

Lab File: BF098174.D

Acq: 30 Aug 2017 23:50

Instrument :

BNA_F

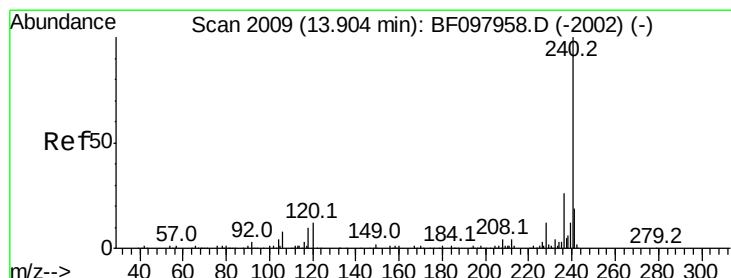
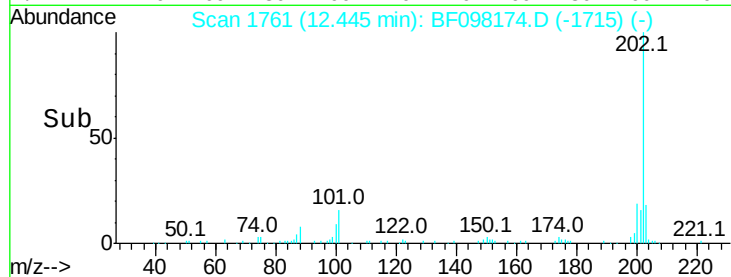
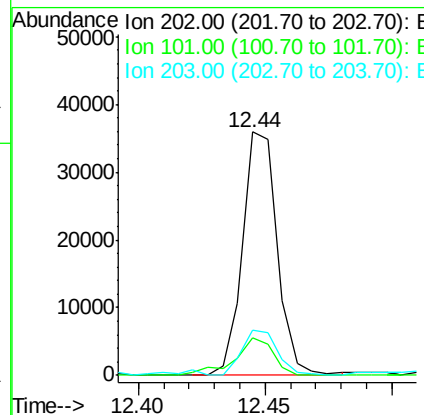
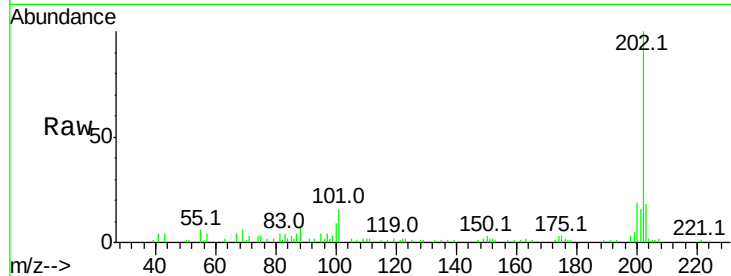
ClientSampleId :

NB-08-082817-A

Tot Ion	Ratio	Resp	Lower	Upper
202	100	34271		
101	15.5	0.0	33.2	
203	18.4	0.0	38.1	

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#75

Chrysene-d12

Concen: 20.000 ng

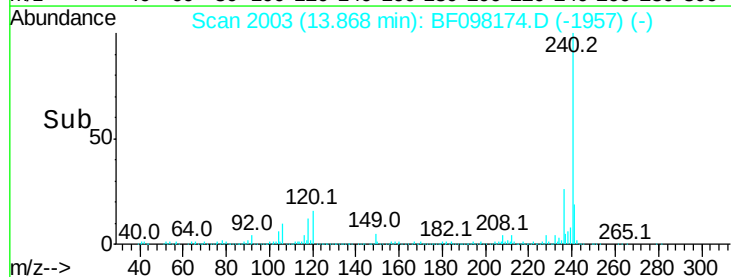
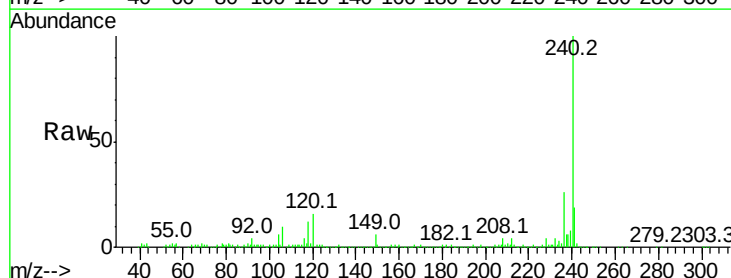
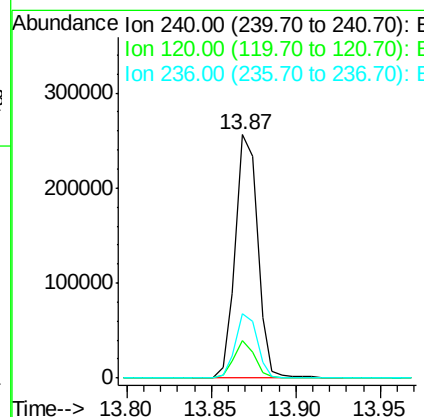
RT: 13.87 min Scan# 2003

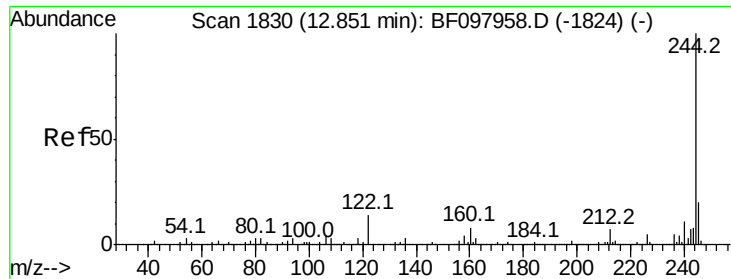
Delta R.T. -0.03 min

Lab File: BF098174.D

Acq: 30 Aug 2017 23:50

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	236773		
120	15.5	5.8	8.8#	
236	26.2	20.5	30.7	





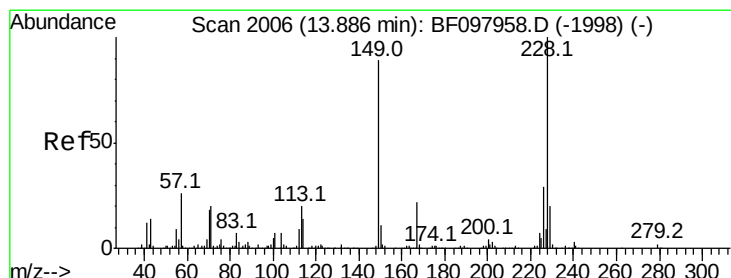
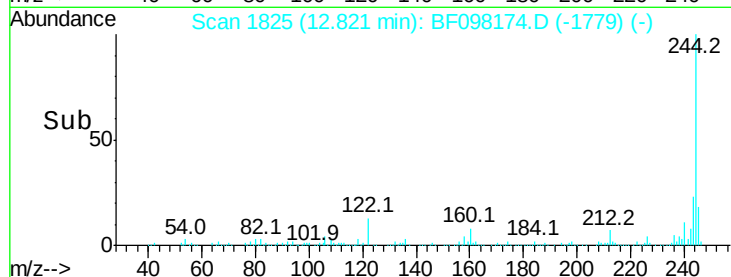
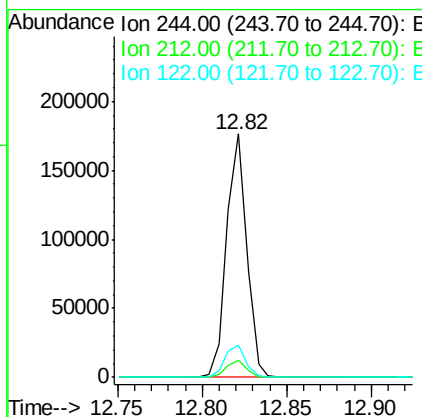
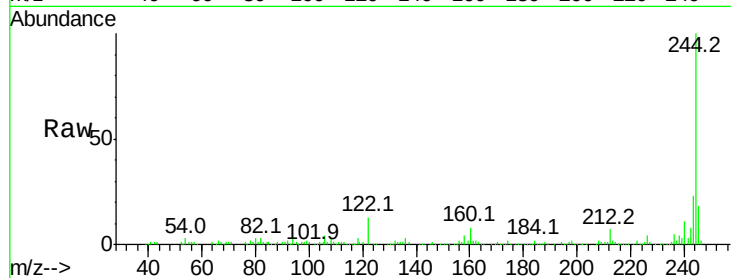
#78
 Terphenyl-d14
 Concen: 12.859 ng
 RT: 12.82 min Scan# 1825
 Delta R.T. -0.03 min
 Lab File: BF098174.D
 Acq: 30 Aug 2017 23:50

Instrument :
 BNA_F
 ClientSampleId :
 NB-08-082817-A

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.0	9.0
122	13.1	10.3	15.5

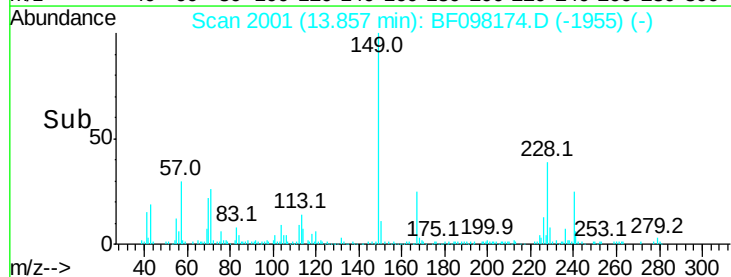
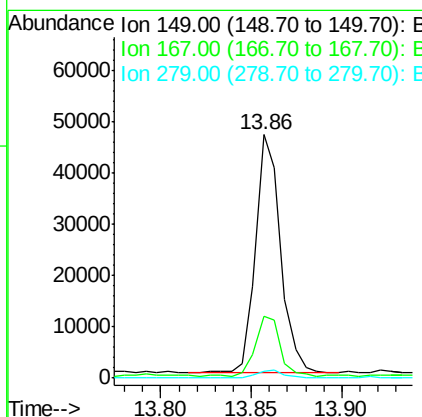
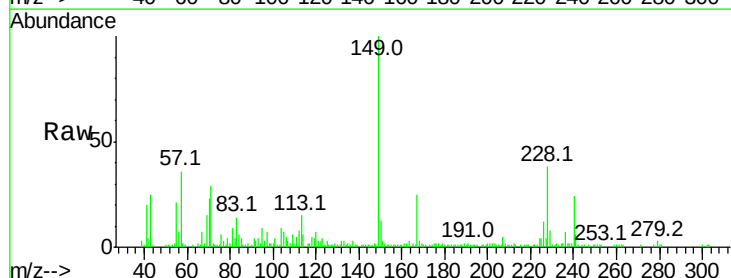
Manual Integrations
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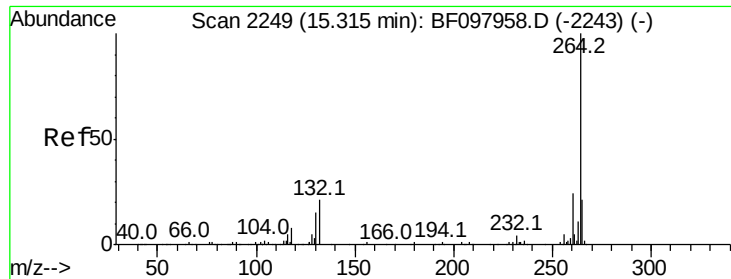
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#83
 Bis(2-ethylhexyl)phthalate
 Concen: 5.409 ng
 RT: 13.86 min Scan# 2001
 Delta R.T. -0.03 min
 Lab File: BF098174.D
 Acq: 30 Aug 2017 23:50

Tgt Ion	Ratio	Lower	Upper
149	100		
167	25.4	21.0	31.4
279	2.9	1.9	2.9





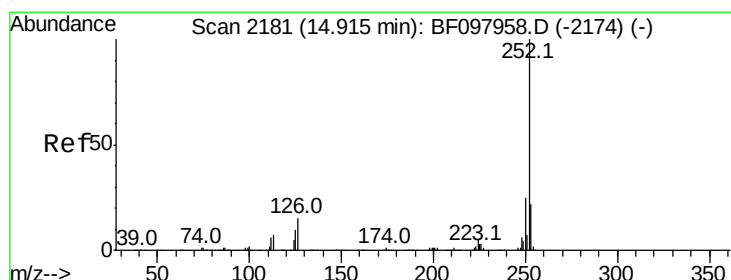
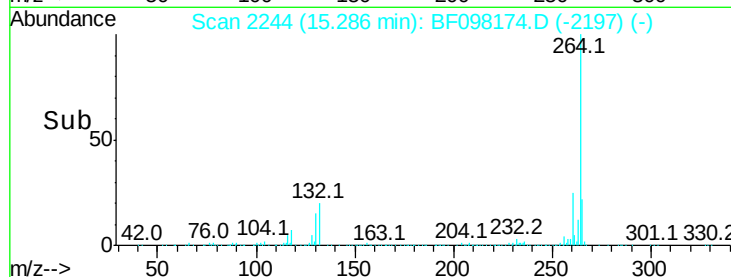
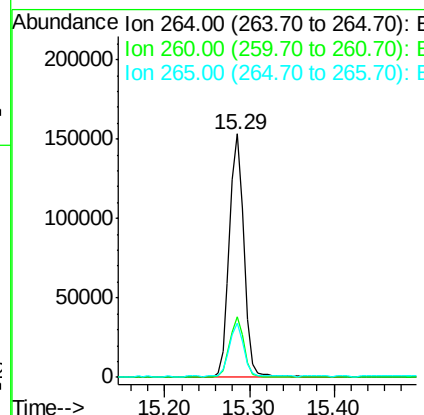
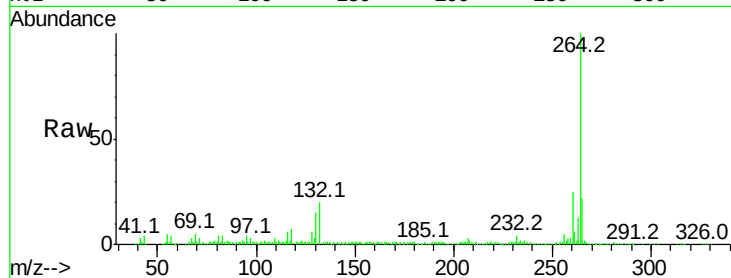
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.29 min Scan# 2244
Delta R.T. -0.02 min
Lab File: BF098174.D
Acq: 30 Aug 2017 23:50

Instrument :
BNA_F
ClientSampleId :
NB-08-082817-A

Tot Ion	Ratio	Resp	Lower	Upper
264	100			
260	25.1	19.5	29.3	
265	22.3	17.2	25.8	

Manual Integrations
APPROVED

Sohil
8/31/2017 7:12:38 PM



#87
Benzo(b)fluoranthene
Concen: 2.069 ng m
RT: 14.89 min Scan# 2176
Delta R.T. -0.02 min
Lab File: BF098174.D
Acq: 30 Aug 2017 23:50

Tgt Ion	Ratio	Resp	Lower	Upper
252	100			
253	22.3	18.1	27.1	
125	23.1	9.8	14.8#	

