

Data Path : Z:\HPCHEM1\BNA F\DATA\BF083017\
 Data File : BF098175.D
 Acq On : 31 Aug 2017 00:18
 Operator : SJ/JU
 Sample : I5008-04 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

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

Manual Integrations
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Sohil
 8/31/2017 7:12:45 PM

Quant Time: Aug 31 08:03:05 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	118605	20.00	ng	-0.03
21) Naphthalene-d8	8.01	136	445572	20.00	ng	-0.02
38) Acenaphthene-d10	9.76	164	168472	20.00	ng	-0.03
63) Phenanthrene-d10	11.24	188	276727	20.00	ng	-0.02
75) Chrysene-d12	13.87	240	250492	20.00	ng	-0.02
86) Perylene-d12	15.29	264	180795	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	170732	21.90	ng	-0.03
7) Phenol-d6	6.36	99	229078	21.62	ng	-0.03
23) Nitrobenzene-d5	7.29	82	129905	15.84	ng	-0.04
41) 2,4,6-Tribromophenol	10.54	330	26947	18.43	ng	-0.03
44) 2-Fluorobiphenyl	9.08	172	220186	19.20	ng	-0.03
78) Terphenyl-d14	12.82	244	151382	12.60	ng	-0.03
Target Compounds						
49) Dimethylphthalate	9.47	163	32680	2.654	ng	99
74) Fluoranthene	12.45	202	58338	3.790	ng	98
77) Pyrene	12.67	202	58719	2.866	ng	97
87) Benzo(b)fluoranthene	14.89	252	34800m	3.054	ng	
89) Benzo(a)pyrene	15.23	252	22392	2.220	ng	# 81

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

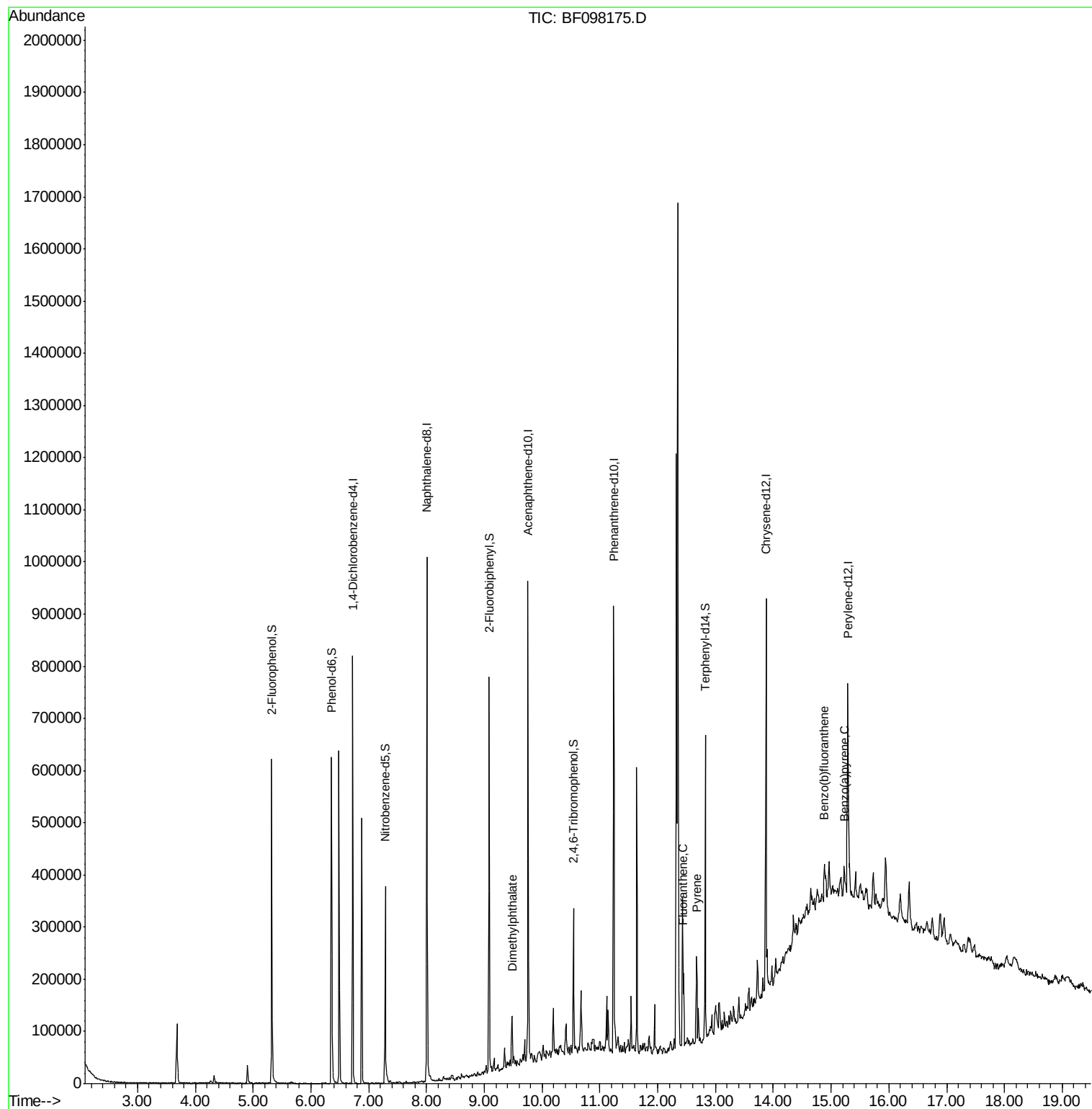
Data Path : Z:\HPCHEM1\BNA F\DATA\BF083017\
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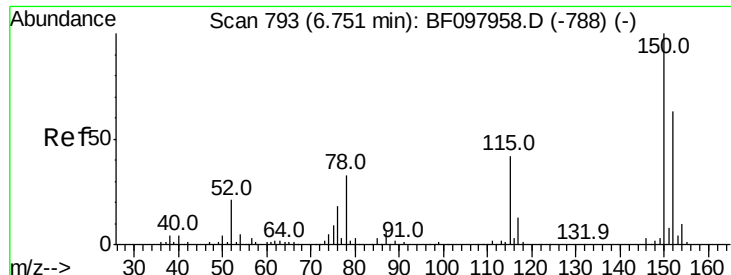
Instrument :
BNA_F
ClientSampleId :
NB-08-082817-B

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Quant Time: Aug 31 08:03:05 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





#1

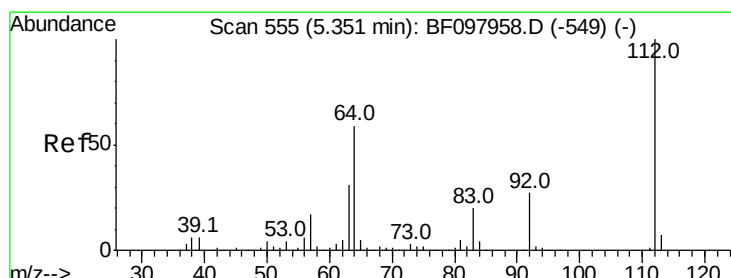
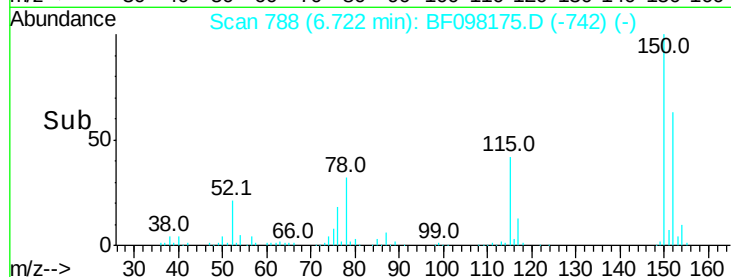
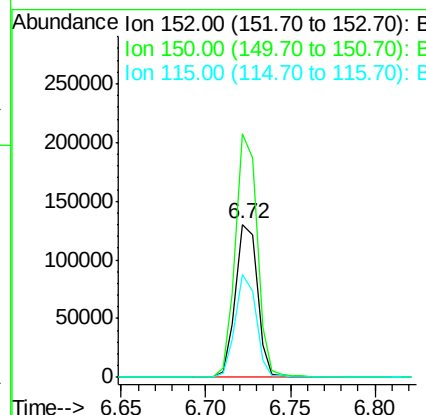
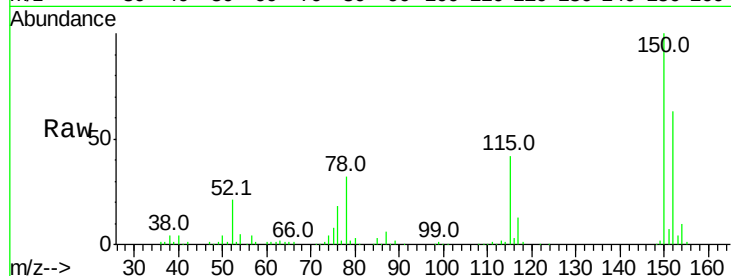
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.03 min
Lab File: BF098175.D
Acq: 31 Aug 2017 00:18

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.2	126.2	189.2
115	67.6	52.2	78.2

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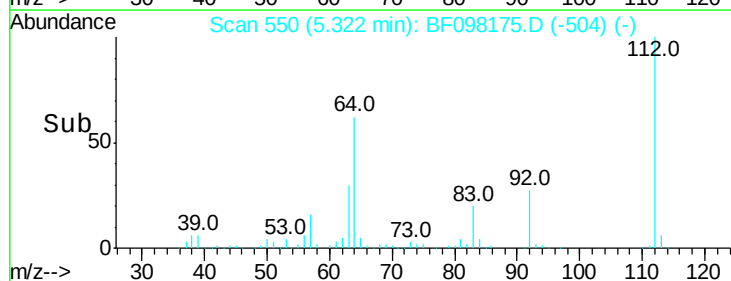
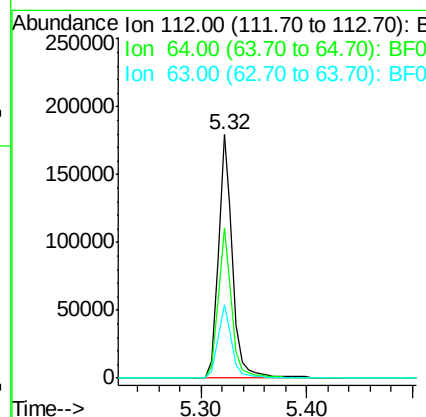
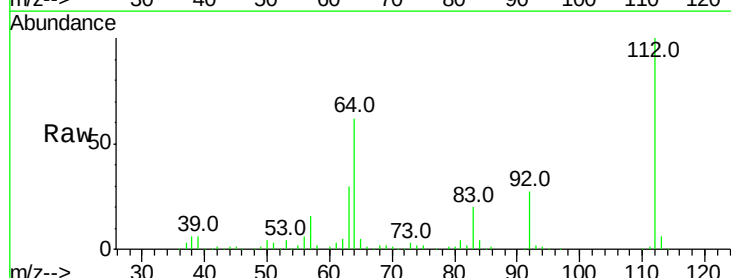
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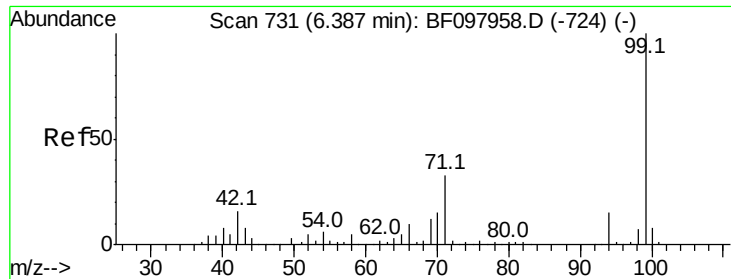


#5

2-Fluorophenol
Concen: 21.896 ng
RT: 5.32 min Scan# 550
Delta R.T. -0.03 min
Lab File: BF098175.D
Acq: 31 Aug 2017 00:18

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.9	46.0	69.0
63	30.3	23.4	35.0





#7

Phenol-d6

Concen: 21.622 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.03 min

Lab File: BF098175.D

Acq: 31 Aug 2017 00:18

Instrument :

BNA_F

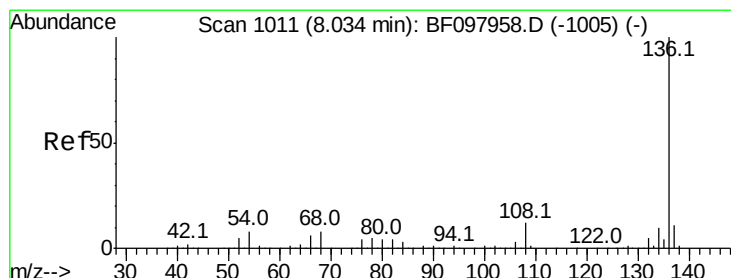
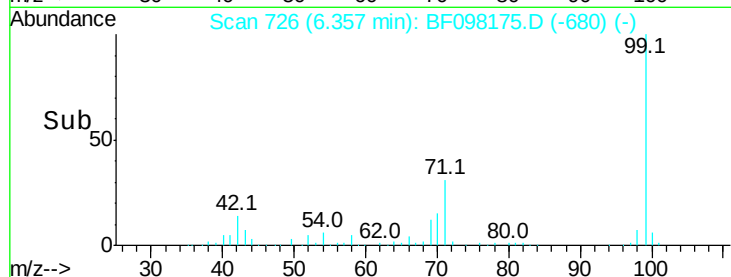
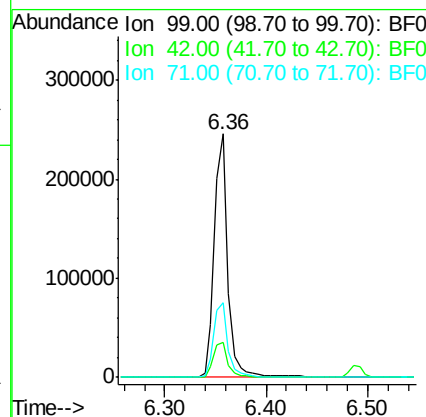
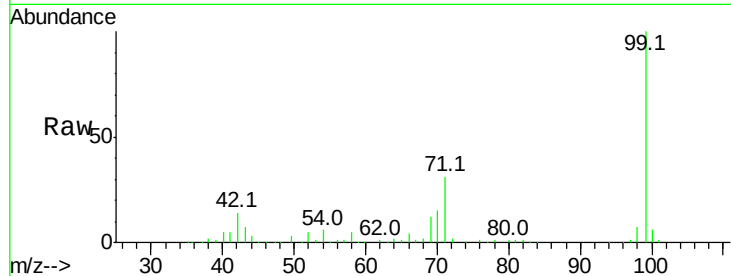
ClientSampleId :

NB-08-082817-B

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		229078		
42	14.2	13.5	20.3		
71	30.7	24.5	36.7		

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#21

Naphthalene-d8

Concen: 20.000 ng

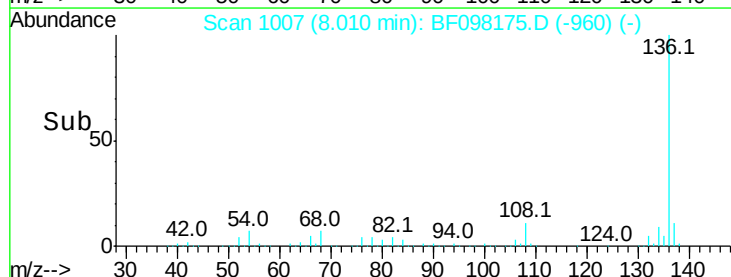
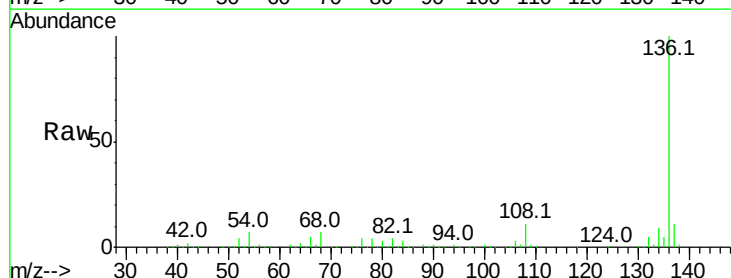
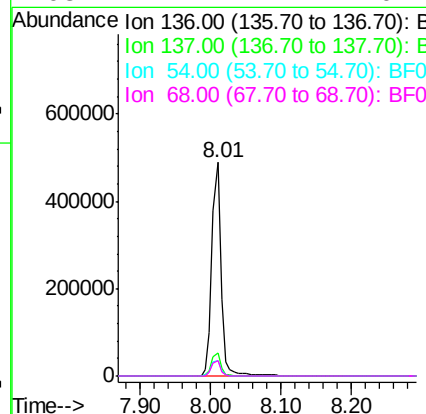
RT: 8.01 min Scan# 1007

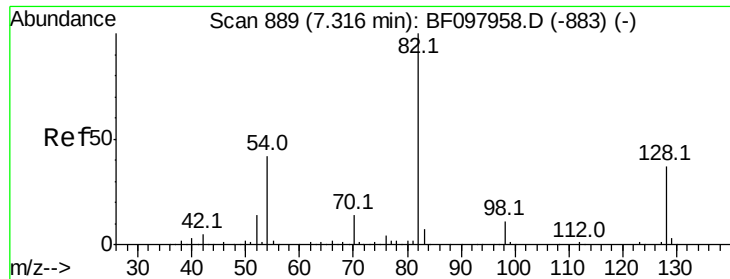
Delta R.T. -0.02 min

Lab File: BF098175.D

Acq: 31 Aug 2017 00:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		445572		
137	10.6	8.5	12.7		
54	7.2	4.9	7.3		
68	7.2	4.1	6.1#		





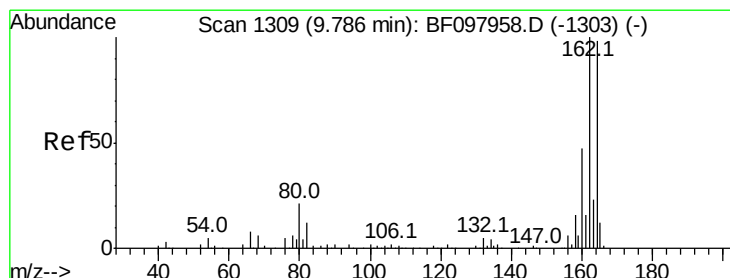
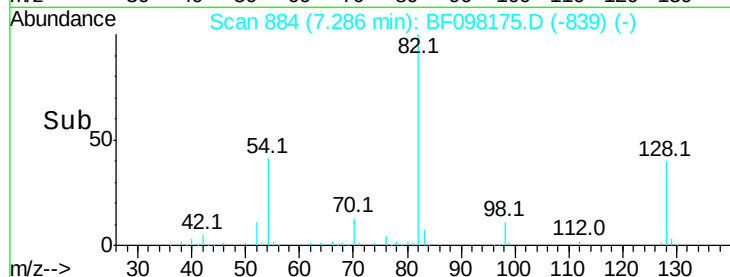
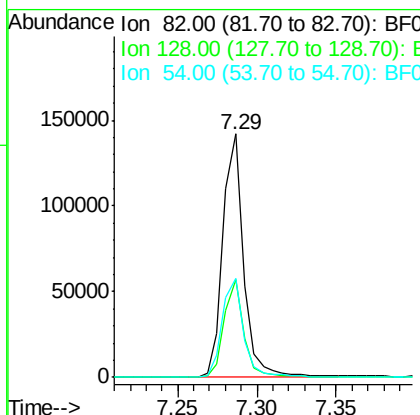
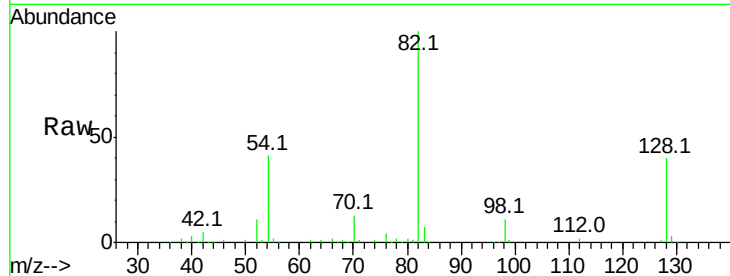
#23
 Nitrobenzene-d5
 Concen: 15.838 ng
 RT: 7.29 min Scan# 884
 Delta R.T. -0.04 min
 Lab File: BF098175.D
 Acq: 31 Aug 2017 00:18

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

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	40.1	34.0	51.0	
54	40.6	42.2	63.2	

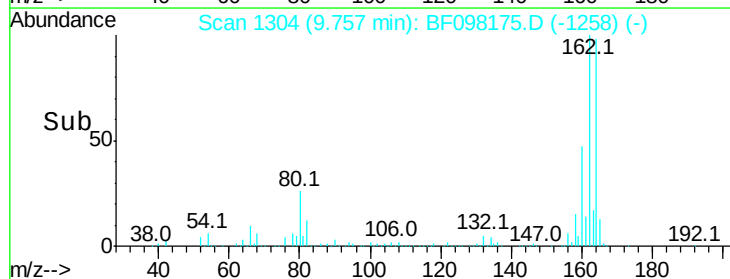
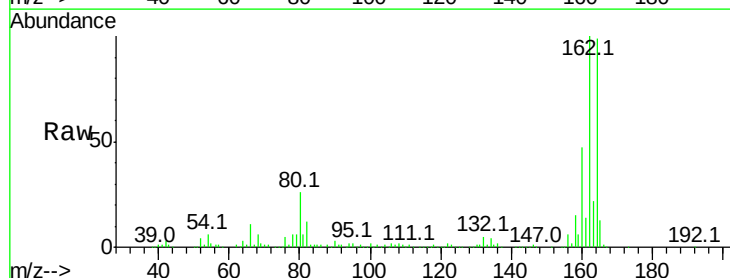
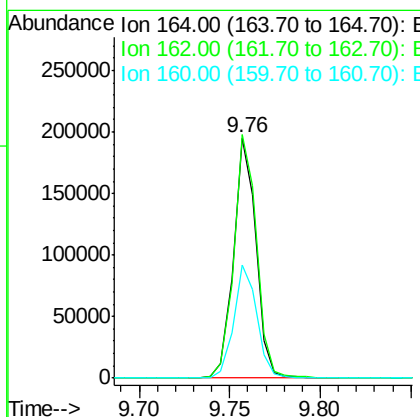
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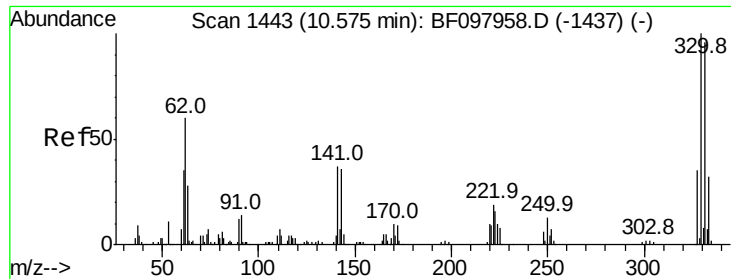
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.03 min
 Lab File: BF098175.D
 Acq: 31 Aug 2017 00:18

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	101.5	82.6	123.8	
160	47.3	36.2	54.2	





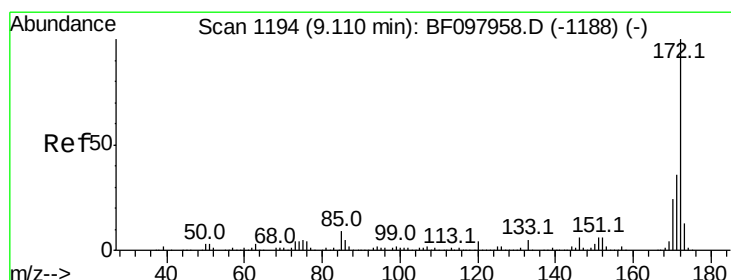
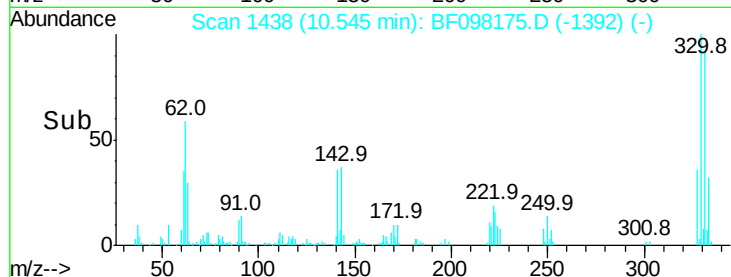
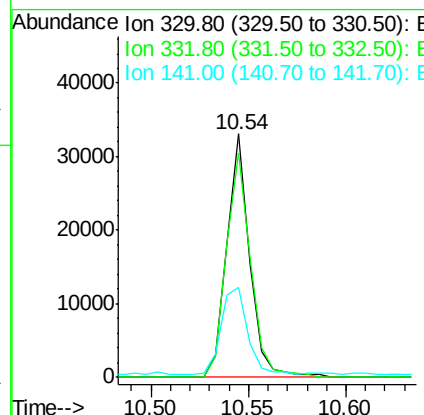
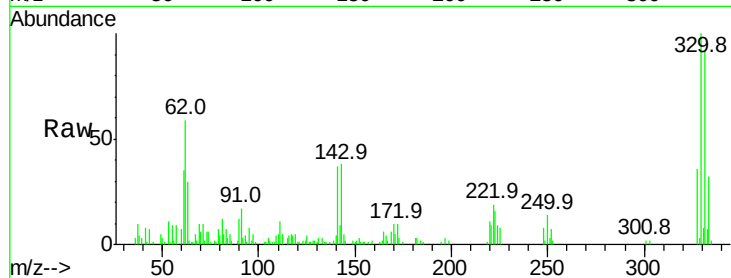
#41
 2,4,6-Tribromophenol
 Concen: 18.435 ng
 RT: 10.54 min Scan# 1438
 Delta R.T. -0.03 min
 Lab File: BF098175.D
 Acq: 31 Aug 2017 00:18

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

Tot Ion	Ratio	Resp	Lower	Upper
330	100	26947		
332	97.7	76.6	115.0	
141	42.7	31.4	47.2	

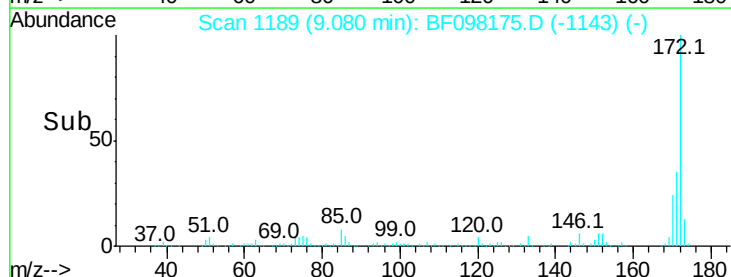
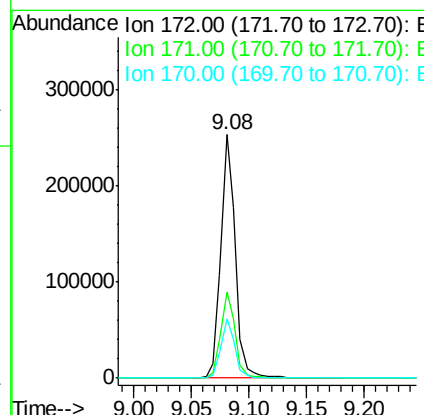
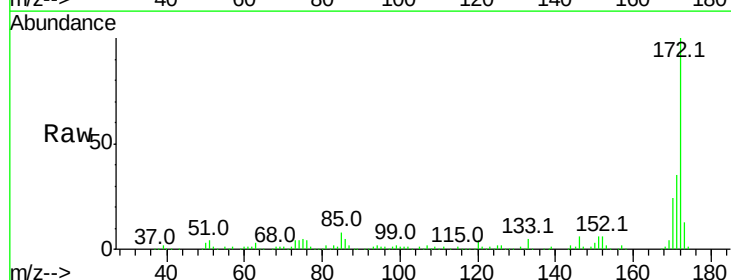
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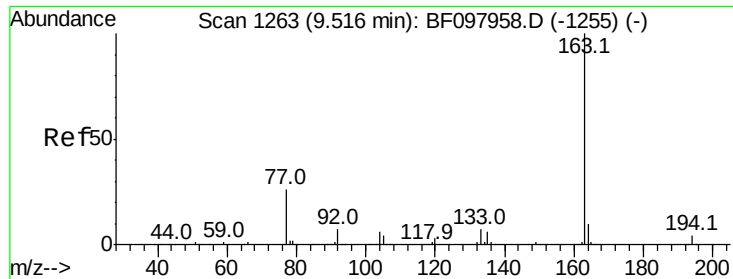
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#44
 2-Fluorobiphenyl
 Concen: 19.202 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.03 min
 Lab File: BF098175.D
 Acq: 31 Aug 2017 00:18

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	220186		
171	35.3	29.6	44.4	
170	24.2	19.8	29.8	





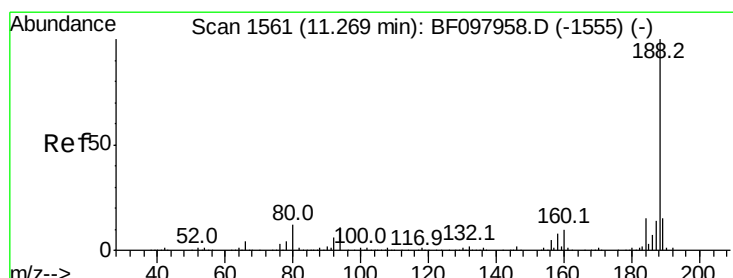
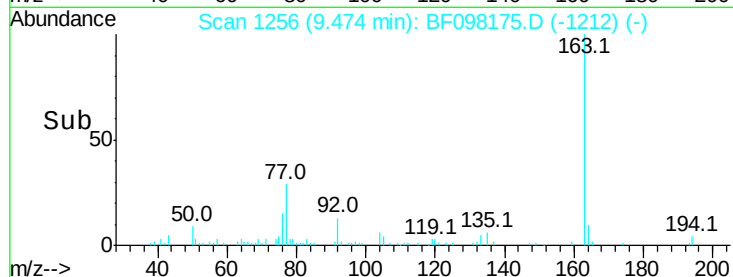
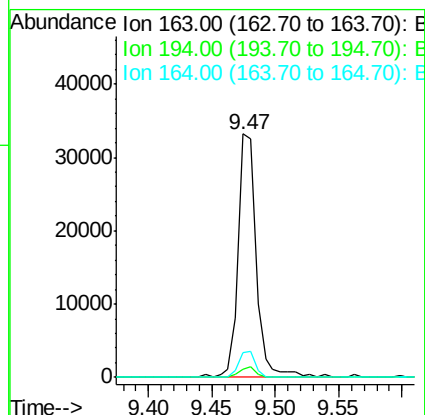
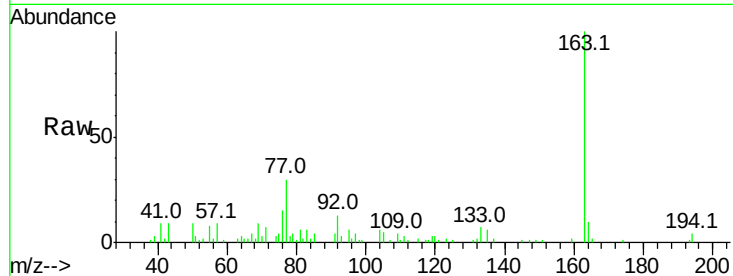
#49
Dimethylphthalate
Concen: 2.654 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.04 min
Lab File: BF098175.D
Acq: 31 Aug 2017 00:18

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

Tot Ion:	163	Resp:	32680
Ion Ratio	Lower	Upper	
163	100		
194	3.5	2.6	4.0
164	9.9	8.4	12.6

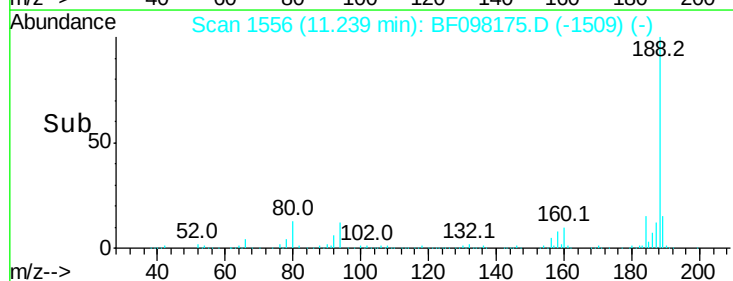
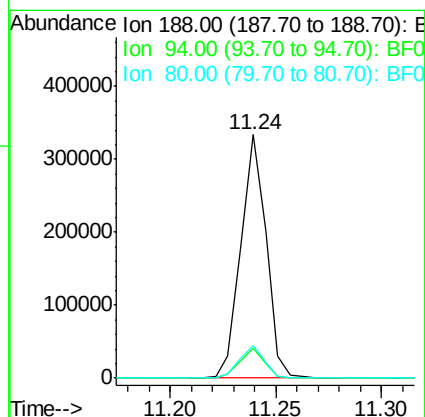
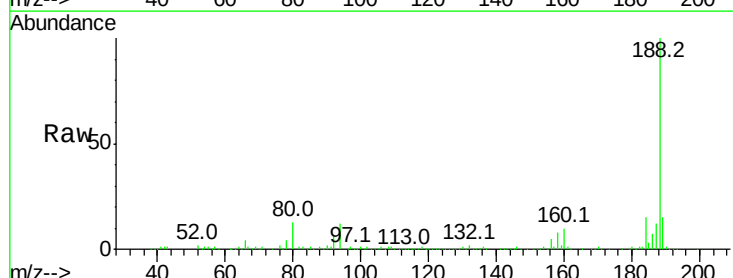
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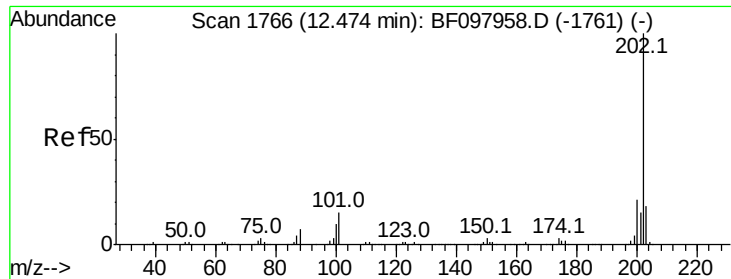
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.02 min
Lab File: BF098175.D
Acq: 31 Aug 2017 00:18

Tgt Ion:	188	Resp:	276727
Ion Ratio	Lower	Upper	
188	100		
94	12.2	9.4	14.2
80	13.1	10.2	15.2





#74

Fluoranthene

Concen: 3.790 ng

RT: 12.45 min Scan# 1762

Delta R.T. -0.02 min

Lab File: BF098175.D

Acq: 31 Aug 2017 00:18

Instrument :

BNA_F

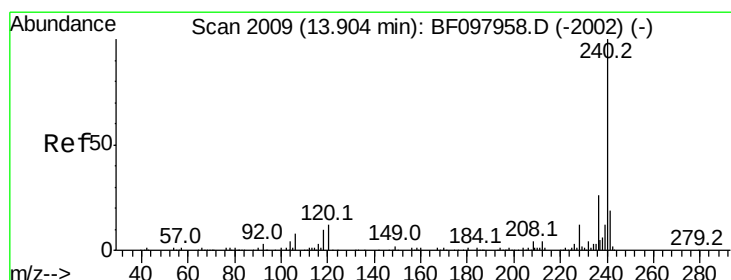
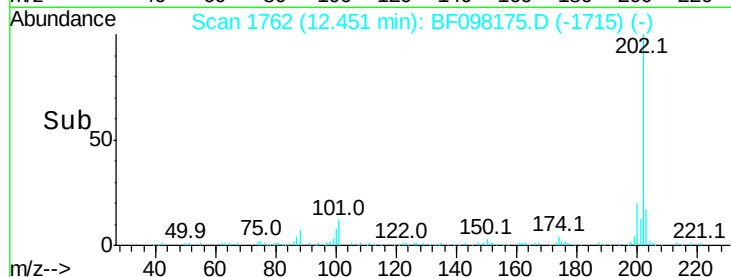
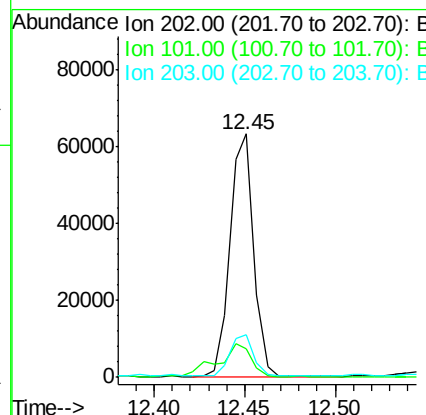
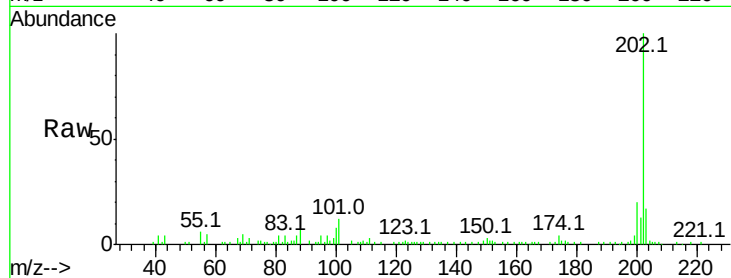
ClientSampleId :

NB-08-082817-B

Tot Ion	Ratio	Resp	Lower	Upper
202	100	58338		
101	11.7	0.0	33.2	
203	17.4	0.0	38.1	

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#75

Chrysene-d12

Concen: 20.000 ng

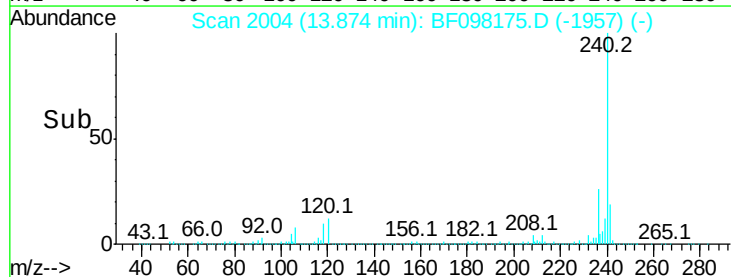
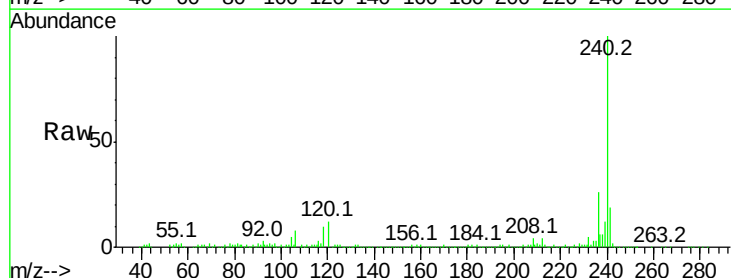
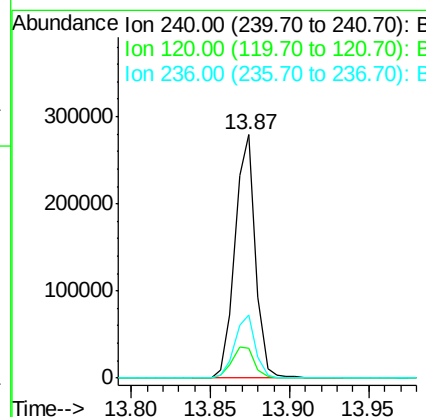
RT: 13.87 min Scan# 2004

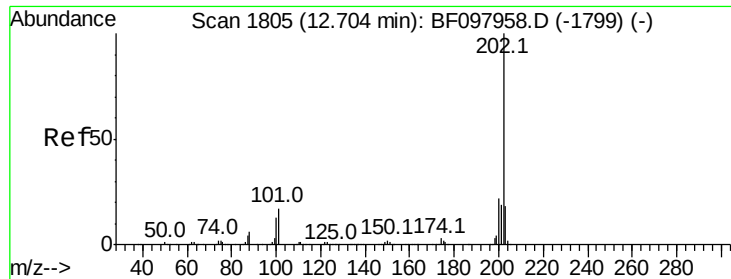
Delta R.T. -0.02 min

Lab File: BF098175.D

Acq: 31 Aug 2017 00:18

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	250492		
120	12.1	5.8	8.8#	
236	26.0	20.5	30.7	





#77

Pvrene

Concen: 2.866 ng

RT: 12.67 min Scan# 1800

Delta R.T. -0.03 min

Lab File: BF098175.D

Acq: 31 Aug 2017 00:18

Instrument :

BNA_F

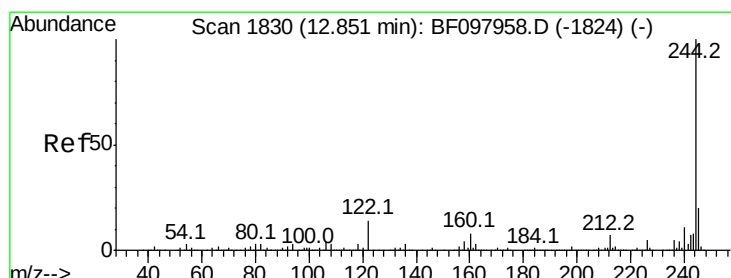
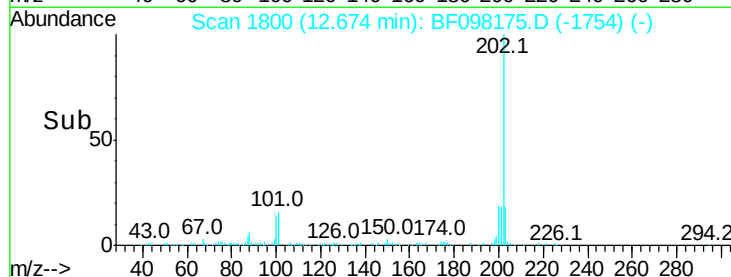
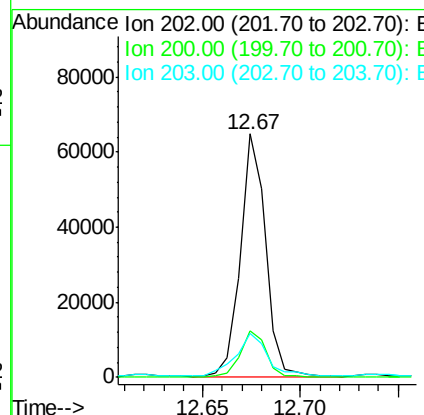
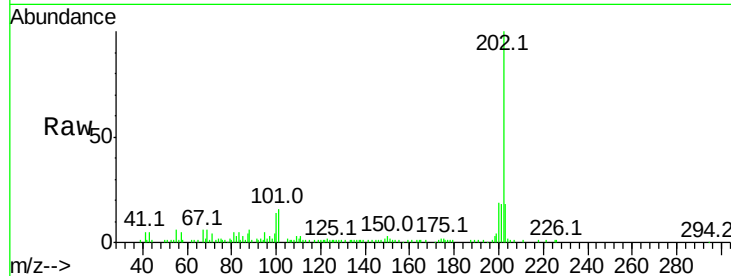
ClientSampleId :

NB-08-082817-B

Tot Ion:	202	Resp:	58719
Ion Ratio	Lower	Upper	
202	100		
200	19.2	17.6	26.4
203	18.2	14.4	21.6

Manual Integrations
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#78

Terphenyl-d14

Concen: 12.602 ng

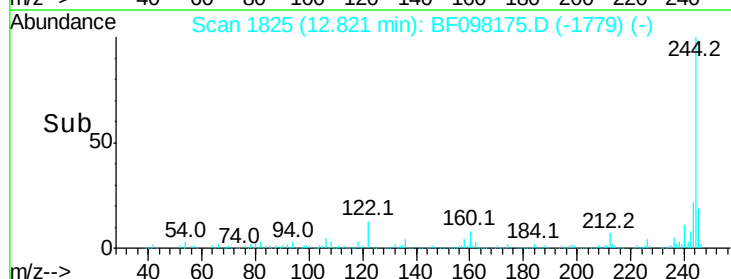
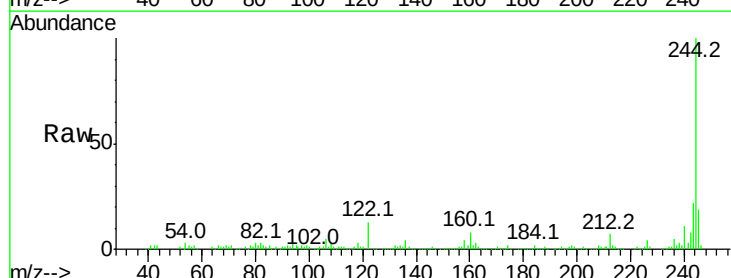
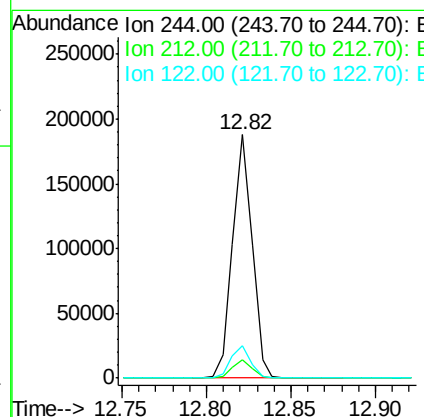
RT: 12.82 min Scan# 1825

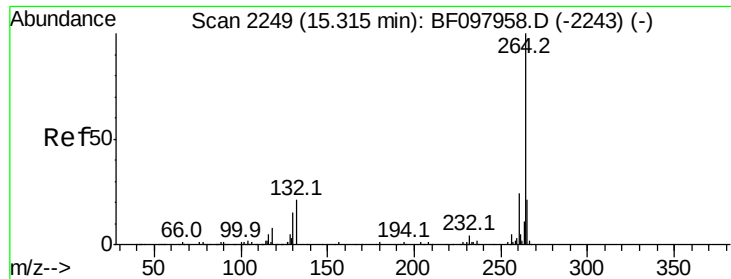
Delta R.T. -0.03 min

Lab File: BF098175.D

Acq: 31 Aug 2017 00:18

Tgt Ion:	244	Resp:	151382
Ion Ratio	Lower	Upper	
244	100		
212	7.5	6.0	9.0
122	13.4	10.3	15.5





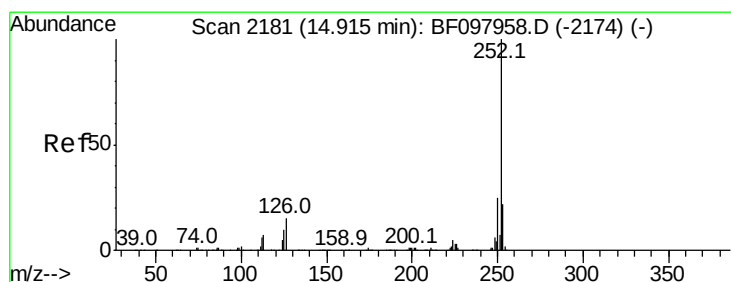
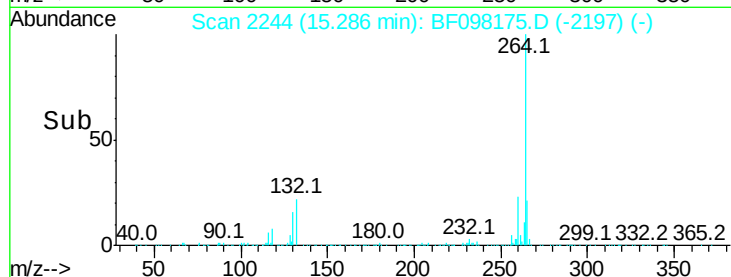
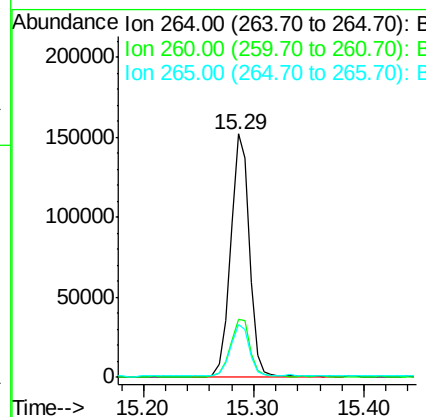
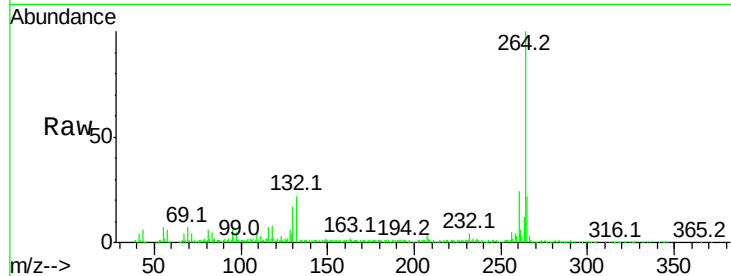
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.29 min Scan# 2244
Delta R.T. -0.02 min
Lab File: BF098175.D
Acq: 31 Aug 2017 00:18

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

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.5	29.3
265	21.9	17.2	25.8

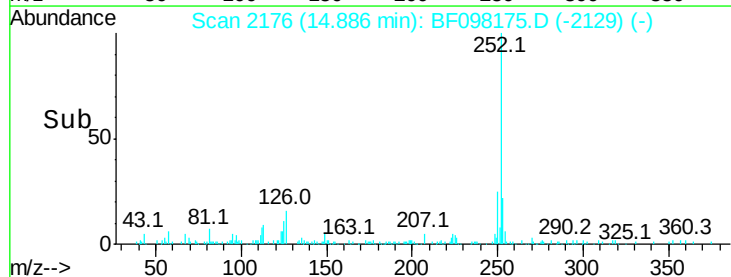
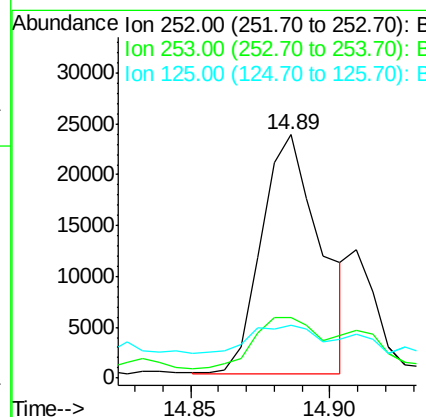
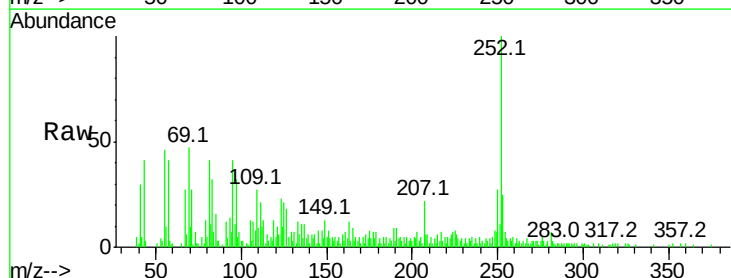
Manual Integrations
APPROVED

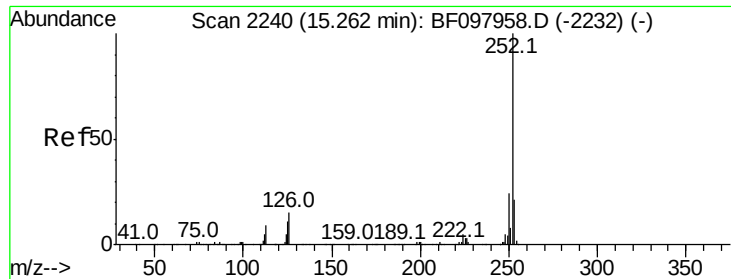
Sohil
8/31/2017 7:12:45 PM



#87
Benzo(b)fluoranthene
Concen: 3.054 ng m
RT: 14.89 min Scan# 2176
Delta R.T. -0.02 min
Lab File: BF098175.D
Acq: 31 Aug 2017 00:18

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.8	18.1	27.1
125	21.5	9.8	14.8#





#89
 Benzo(a)pyrene
 Concen: 2.220 ng
 RT: 15.23 min Scan# 2234
 Delta R.T. -0.03 min
 Lab File: BF098175.D
 Acq: 31 Aug 2017 00:18

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

Tot Ion:	252	Resp:	22392
Ion Ratio	Lower	Upper	
252	100		
253	26.2	17.5	26.3
125	27.3	11.0	16.4

Manual Integrations
 APPROVED

Sohil
 8/31/2017 7:12:45 PM

