

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081817\
 Data File : BF097849.D
 Acq On : 18 Aug 2017 22:56
 Operator : SJ/JU
 Sample : I4811-07
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUP

Manual Integrations
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Sohil
 8/21/2017 6:18:43 AM

Quant Time: Aug 19 01:32:21 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 15 13:25:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	119970	20.00	ng	-0.02
21) Naphthalene-d8	8.05	136	476084	20.00	ng	-0.02
38) Acenaphthene-d10	9.80	164	214605	20.00	ng	-0.02
63) Phenanthrene-d10	11.29	188	441660	20.00	ng	-0.02
75) Chrysene-d12	13.92	240	387292	20.00	ng	-0.02
86) Perylene-d12	15.35	264	304957	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	903027	114.49	ng	-0.01
7) Phenol-d6	6.40	99	1229383	114.72	ng	0.00
23) Nitrobenzene-d5	7.33	82	779696	88.97	ng	-0.02
41) 2,4,6-Tribromophenol	10.60	330	250165	134.35	ng	-0.01
44) 2-Fluorobiphenyl	9.13	172	1128122	77.23	ng	-0.01
78) Terphenyl-d14	12.88	244	1087928	58.58	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.52	163	172954	11.025	ng	99
70) Phenanthrene	11.31	178	250503	10.644	ng	98
71) Anthracene	11.36	178	66159	2.772	ng	96
74) Fluoranthene	12.50	202	278257	11.327	ng	98
77) Pyrene	12.73	202	238302	7.523	ng	98
80) Benzo(a)anthracene	13.91	228	95048	4.095	ng	99
82) Chrysene	13.94	228	89713	3.885	ng	97
87) Benzo(b)fluoranthene	14.94	252	80024m	4.163	ng	
89) Benzo(a)pyrene	15.29	252	57385	3.372	ng	98

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

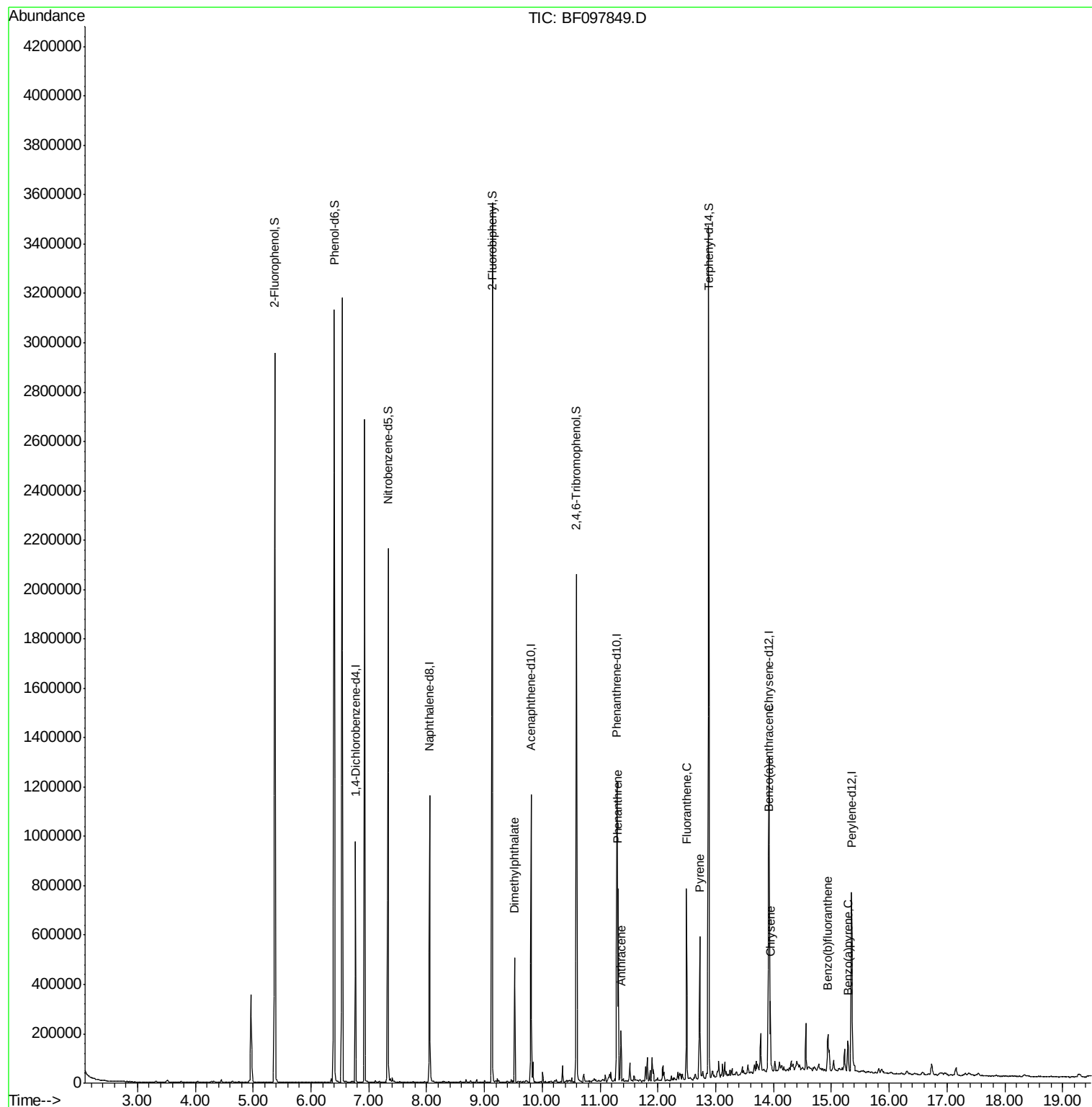
Data Path : Z:\HPCHEM1\BNA F\DATA\BF081817\
Data File : BF097849.D
Acq On : 18 Aug 2017 22:56
Operator : SJ/JU
Sample : I4811-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

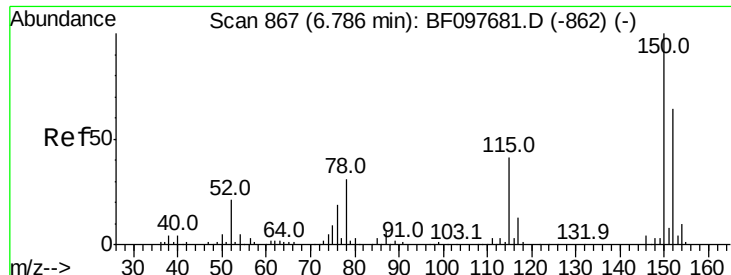
Instrument :
BNA_F
ClientSampleId :
DUP

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8/21/2017 6:18:43 AM

Quant Time: Aug 19 01:32:21 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

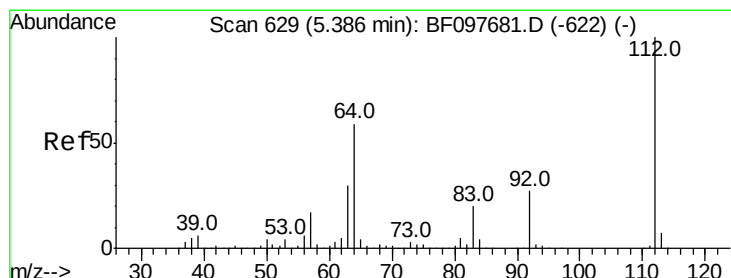
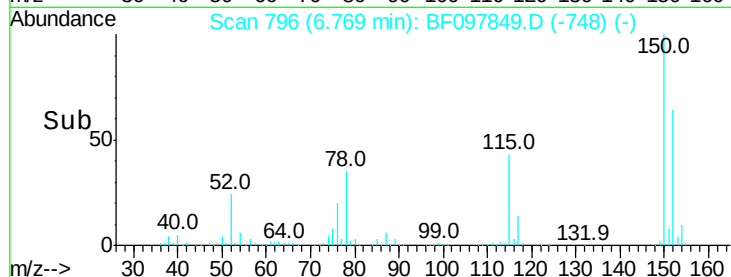
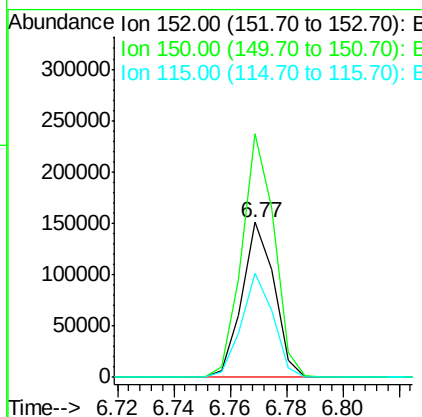
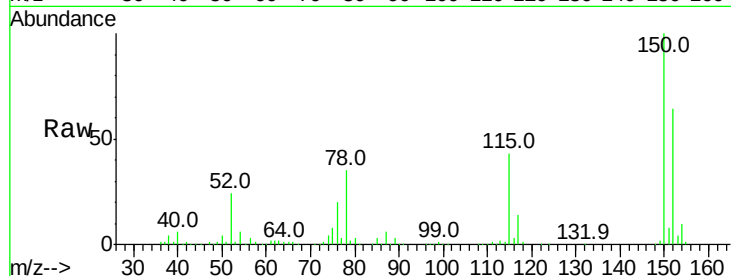
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 796
Delta R.T. -0.02 min
Lab File: BF097849.D
Acq: 18 Aug 2017 22:56

Instrument :
BNA_F
ClientSampleId :
DUP

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.0	126.2	189.2
115	67.5	52.2	78.2

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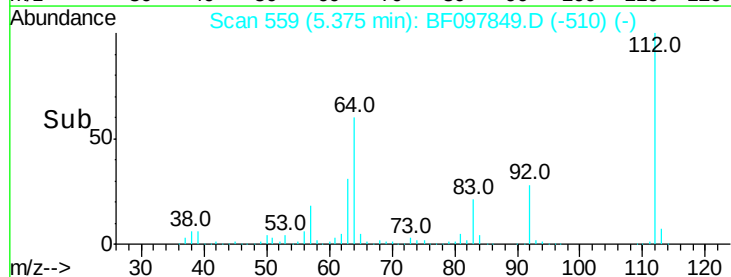
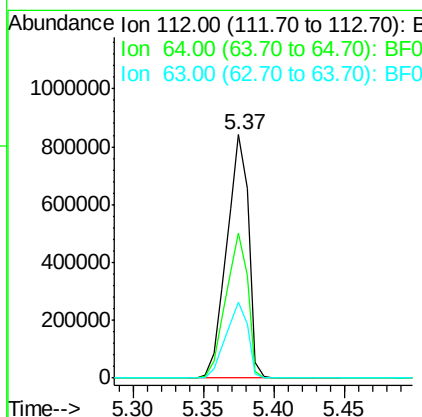
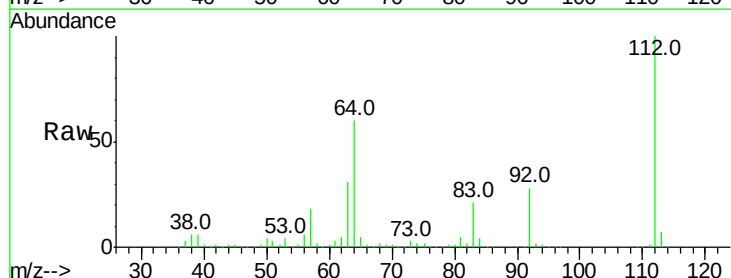
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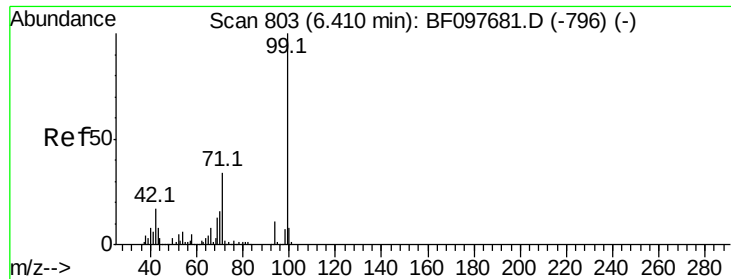


#5

2-Fluorophenol
Concen: 114.493 ng
RT: 5.37 min Scan# 559
Delta R.T. -0.01 min
Lab File: BF097849.D
Acq: 18 Aug 2017 22:56

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.6	46.0	69.0
63	31.2	23.4	35.0





#7

Phenol-d6

Concen: 114.719 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.01 min

Lab File: BF097849.D

Acq: 18 Aug 2017 22:56

Instrument :

BNA_F

ClientSampleId :

DUP

Tot Ion: 99 Resp: 1229383

Ion Ratio Lower Upper

99 100

42 15.9 13.5 20.3

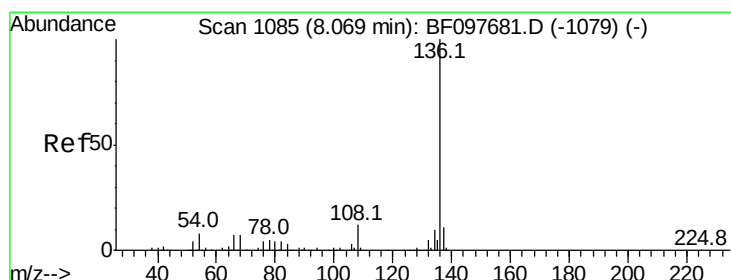
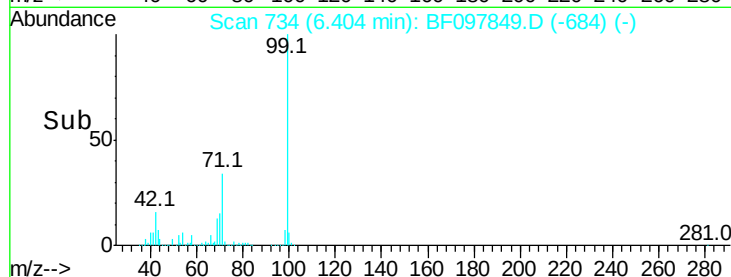
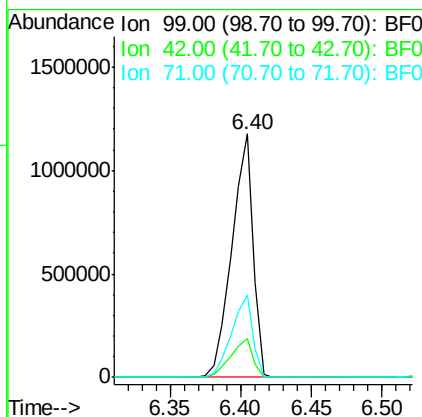
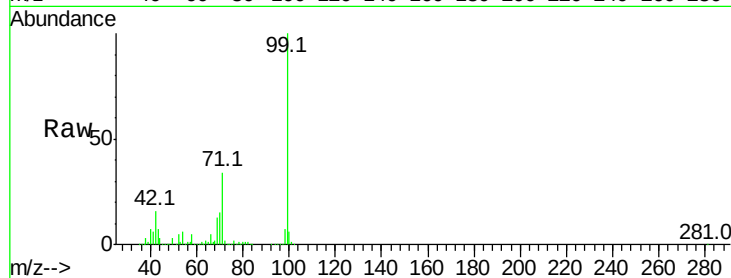
71 33.6 24.5 36.7

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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.05 min Scan# 1014

Delta R.T. -0.02 min

Lab File: BF097849.D

Acq: 18 Aug 2017 22:56

Tgt Ion: 136 Resp: 476084

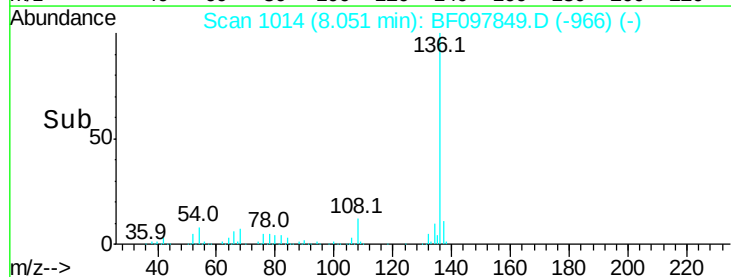
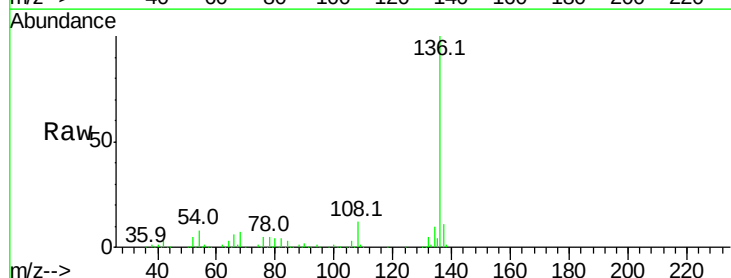
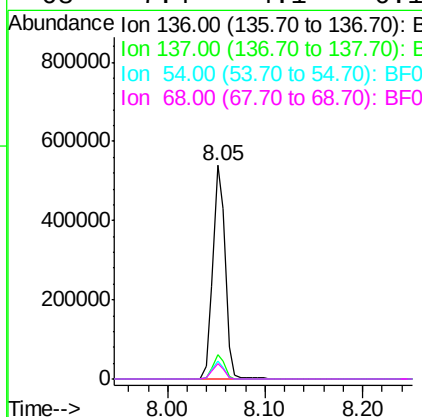
Ion Ratio Lower Upper

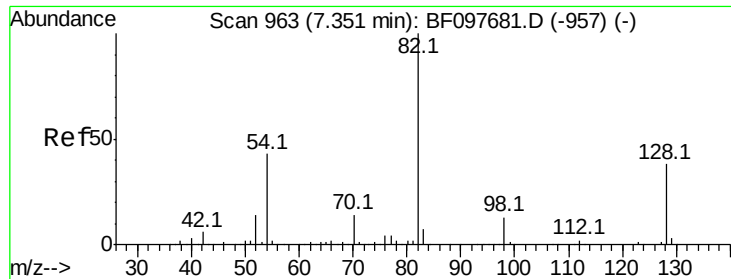
136 100

137 11.5 8.5 12.7

54 8.2 4.9 7.3#

68 7.4 4.1 6.1#





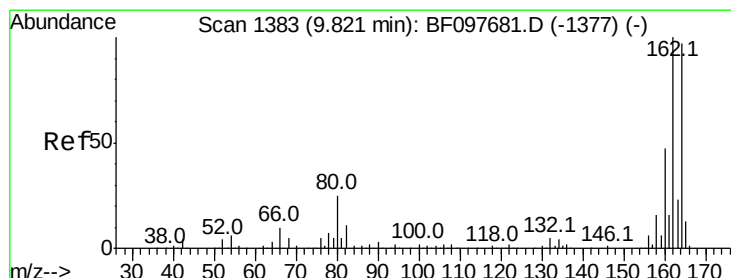
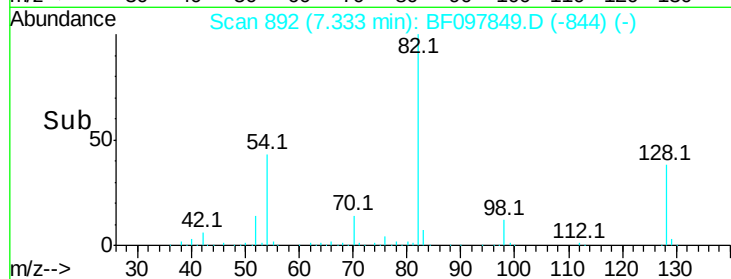
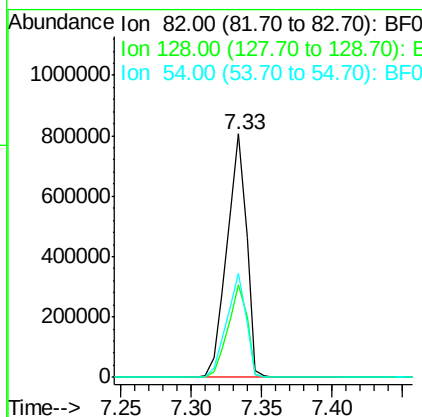
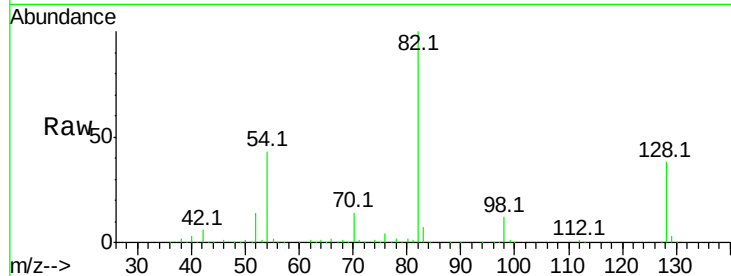
#23
 Nitrobenzene-d5
 Concen: 88.969 ng
 RT: 7.33 min Scan# 892
 Delta R.T. -0.02 min
 Lab File: BF097849.D
 Acq: 18 Aug 2017 22:56

Instrument :
 BNA_F
 ClientSampled :
 DUP

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	37.8	34.0	51.0	
54	42.6	42.2	63.2	

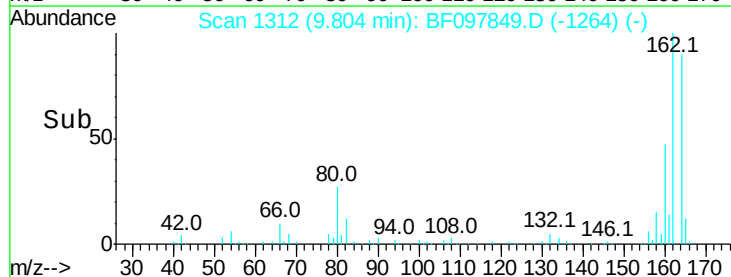
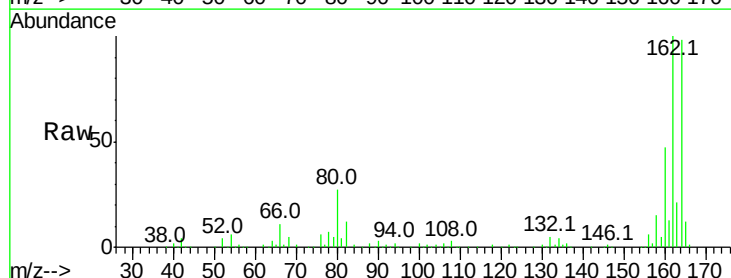
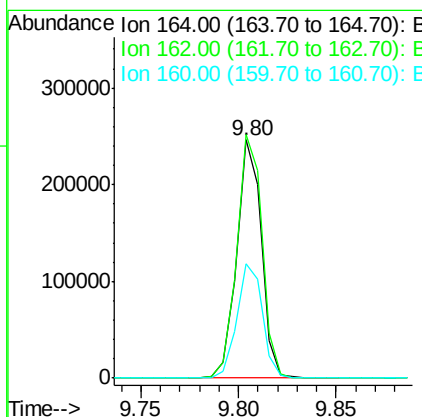
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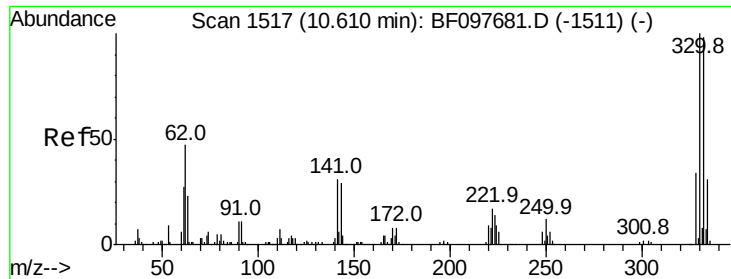
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.80 min Scan# 1312
 Delta R.T. -0.02 min
 Lab File: BF097849.D
 Acq: 18 Aug 2017 22:56

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	102.2	82.6	123.8	
160	48.1	36.2	54.2	





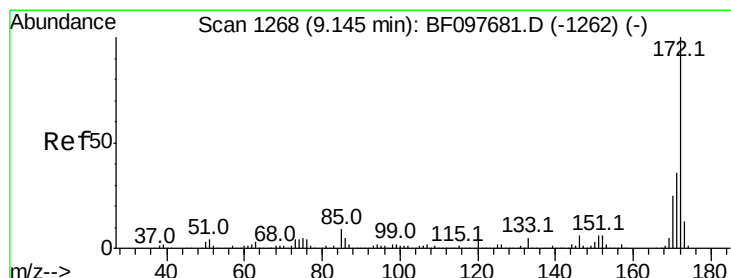
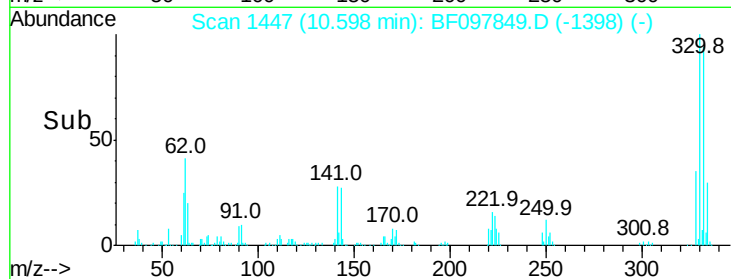
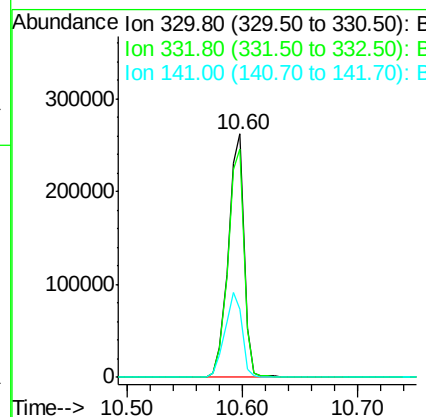
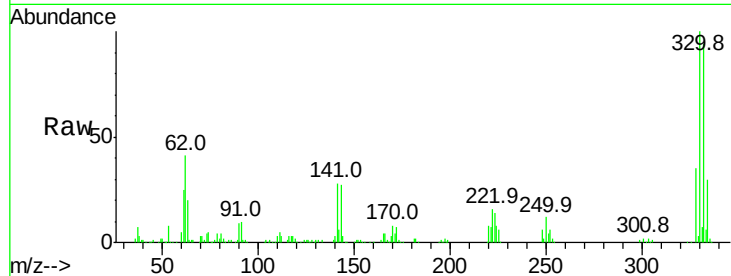
#41
 2,4,6-Tribromophenol
 Concen: 134.349 ng
 RT: 10.60 min Scan# 1447
 Delta R.T. -0.01 min
 Lab File: BF097849.D
 Acq: 18 Aug 2017 22:56

Instrument :
 BNA_F
 ClientSampleId :
 DUP

Tot Ion	Ratio	Resp	Lower	Upper
330	100	250165		
332	95.5	76.6	115.0	
141	38.0	31.4	47.2	

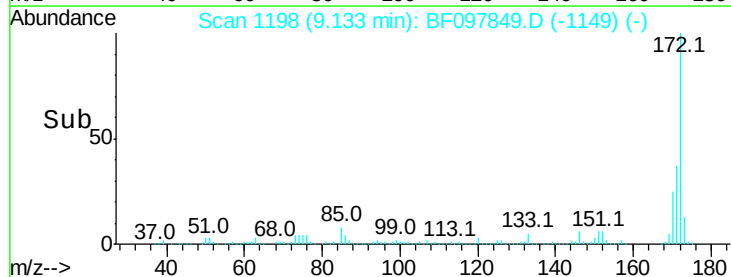
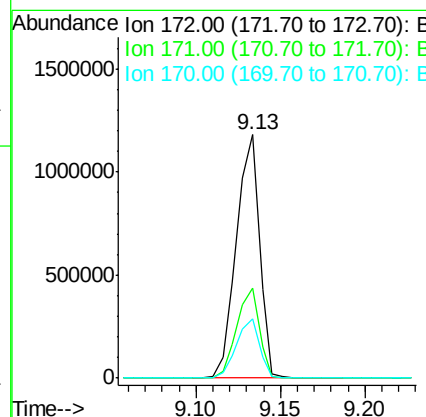
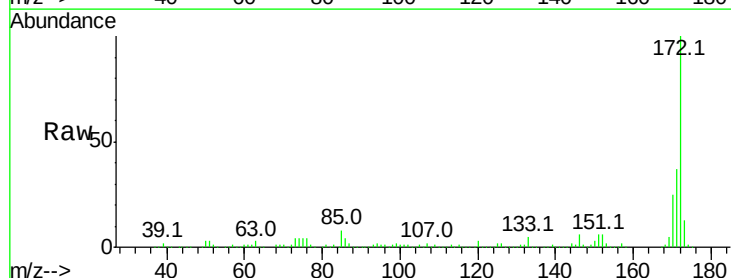
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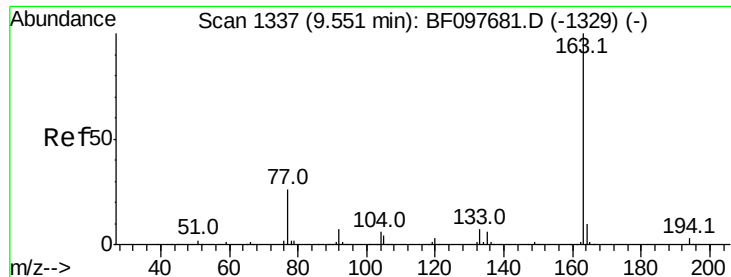
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#44
 2-Fluorobiphenyl
 Concen: 77.232 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.01 min
 Lab File: BF097849.D
 Acq: 18 Aug 2017 22:56

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1128122		
171	36.8	29.6	44.4	
170	24.6	19.8	29.8	





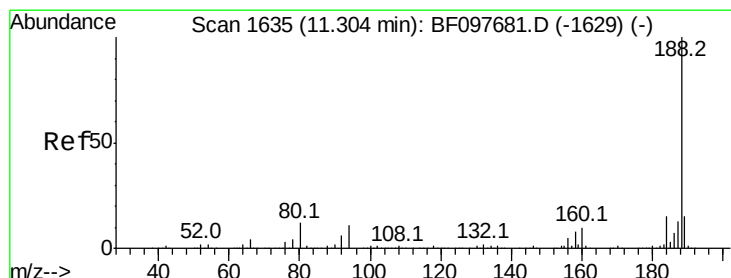
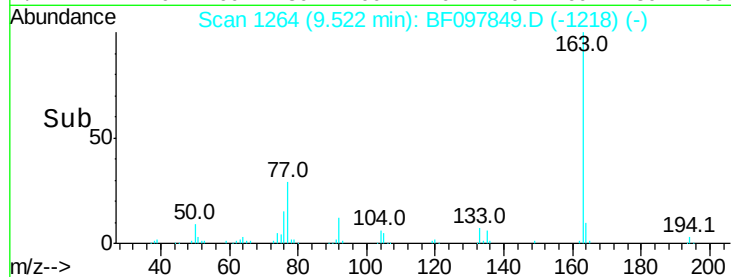
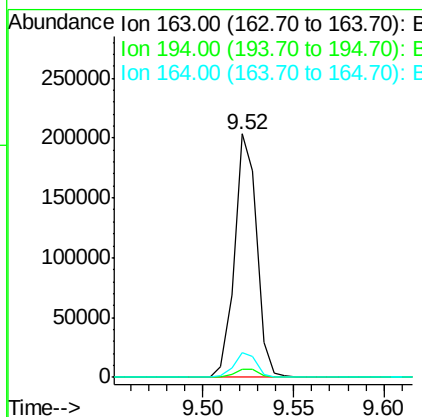
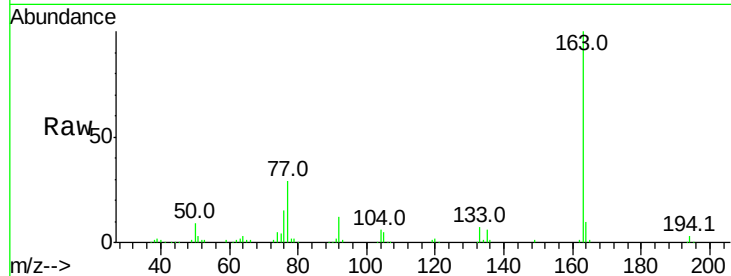
#49
Dimethylphthalate
Concen: 11.025 ng
RT: 9.52 min Scan# 1264
Delta R.T. -0.03 min
Lab File: BF097849.D
Acq: 18 Aug 2017 22:56

Instrument :
BNA_F
ClientSampled :
DUP

Tot Ion	Ratio	Resp	Lower	Upper
163	100	172954		
194	3.3		2.6	4.0
164	10.1		8.4	12.6

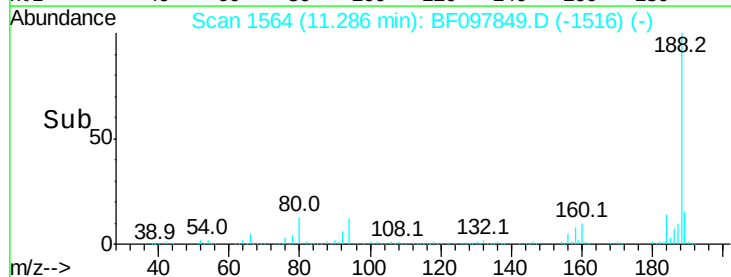
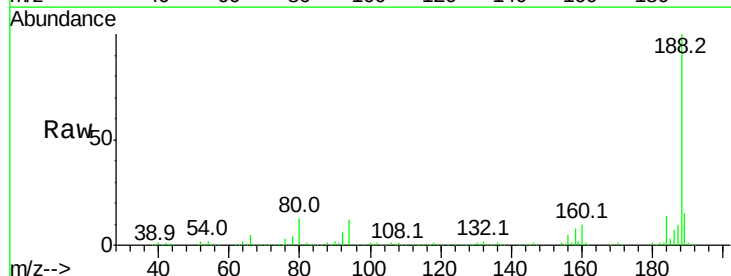
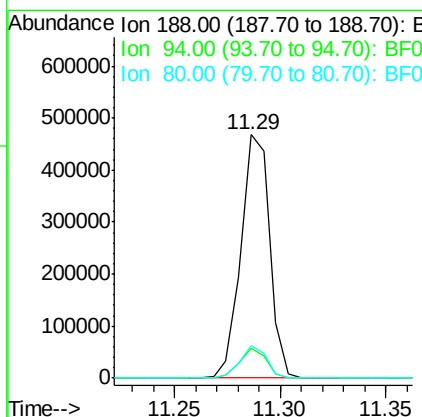
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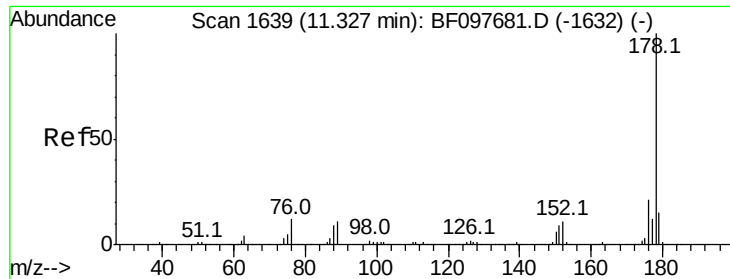
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.29 min Scan# 1564
Delta R.T. -0.02 min
Lab File: BF097849.D
Acq: 18 Aug 2017 22:56

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	441660		
94	12.1		9.4	14.2
80	13.1		10.2	15.2





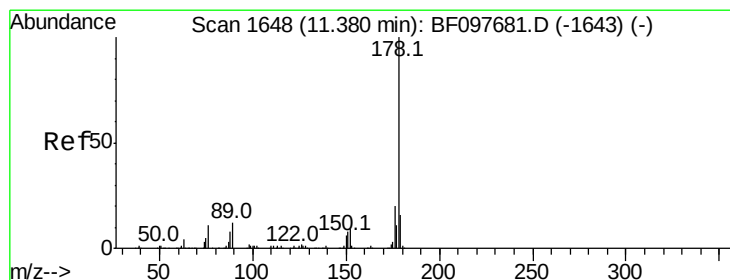
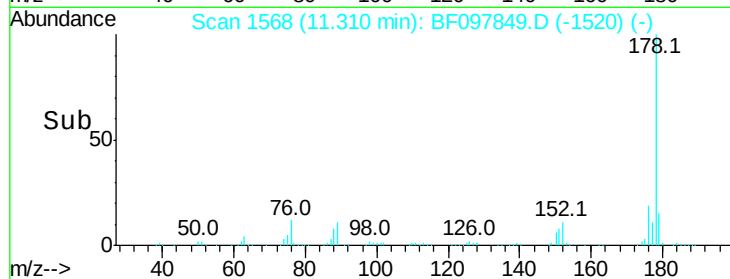
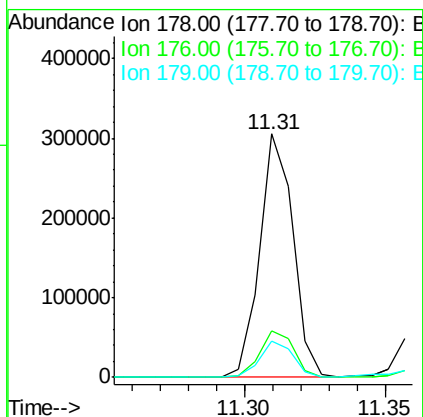
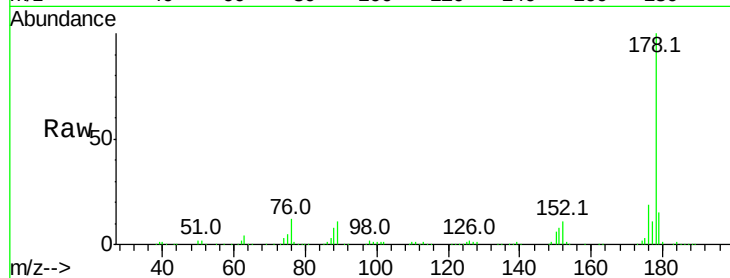
#70
Phenanthrene
Concen: 10.644 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.02 min
Lab File: BF097849.D
Acq: 18 Aug 2017 22:56

Instrument :
BNA_F
ClientSampled :
DUP

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.2	16.2	24.4
179	14.9	12.6	19.0

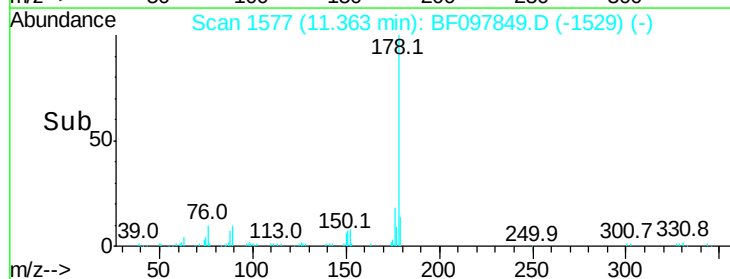
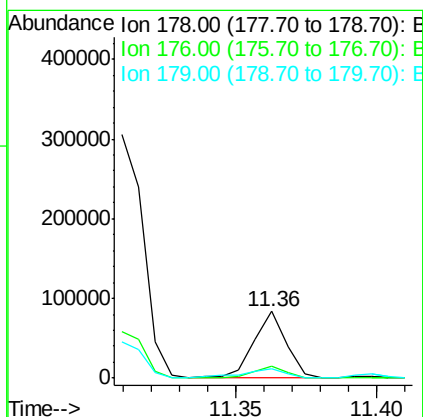
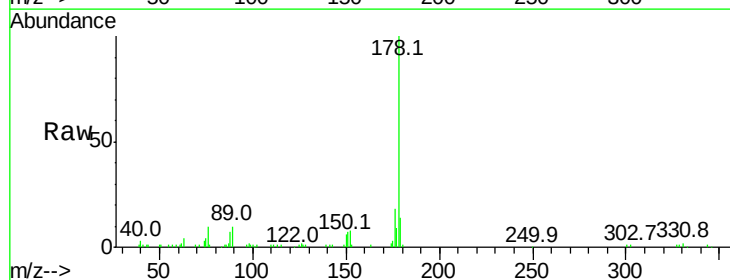
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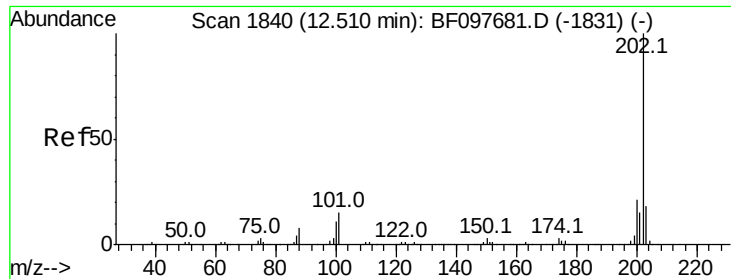
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#71
Anthracene
Concen: 2.772 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.02 min
Lab File: BF097849.D
Acq: 18 Aug 2017 22:56

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.1	15.8	23.8
179	14.3	12.7	19.1





#74

Fluoranthene

Concen: 11.327 ng

RT: 12.50 min Scan# 1770

Delta R.T. -0.01 min

Lab File: BF097849.D

Acq: 18 Aug 2017 22:56

Instrument :

BNA_F

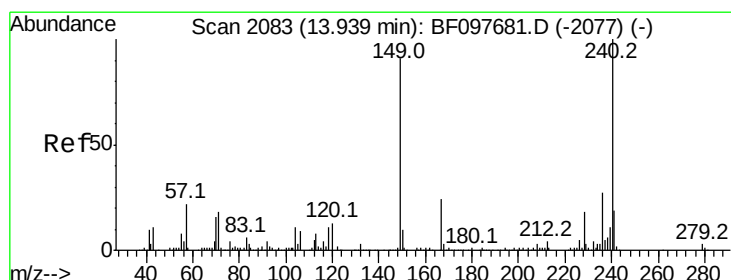
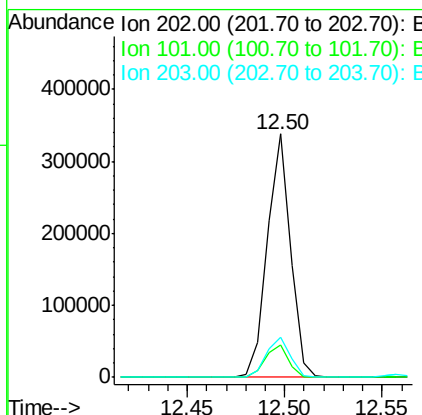
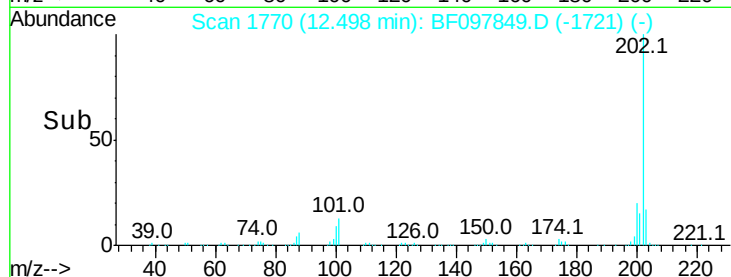
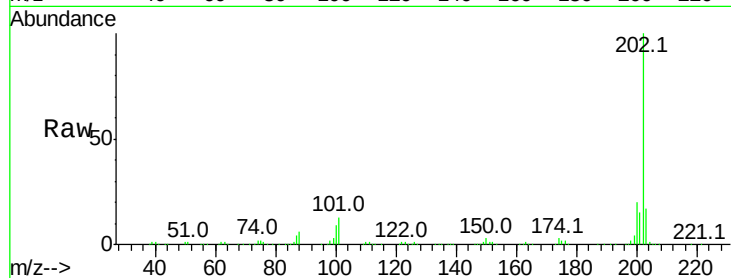
ClientSampled :

DUP

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	13.1	0.0	33.2
203	16.7	0.0	38.1

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#75

Chrysene-d12

Concen: 20.000 ng

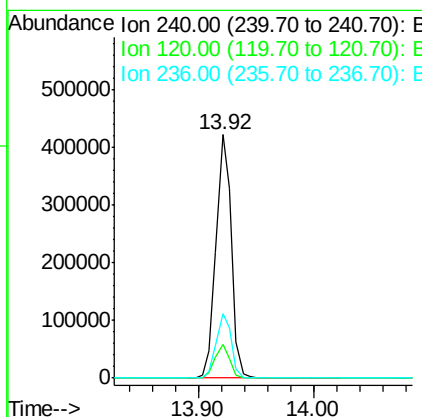
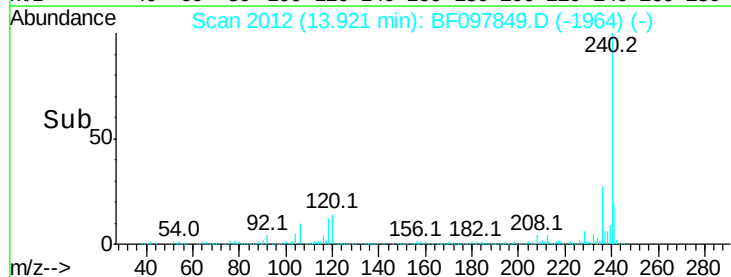
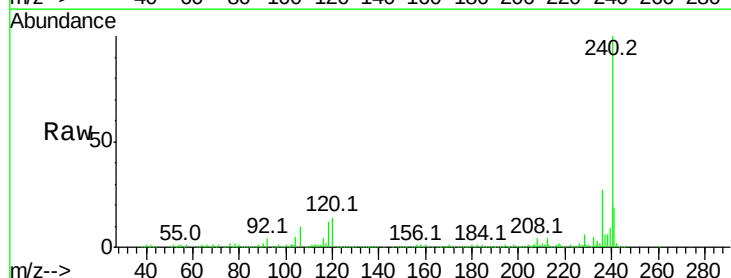
RT: 13.92 min Scan# 2012

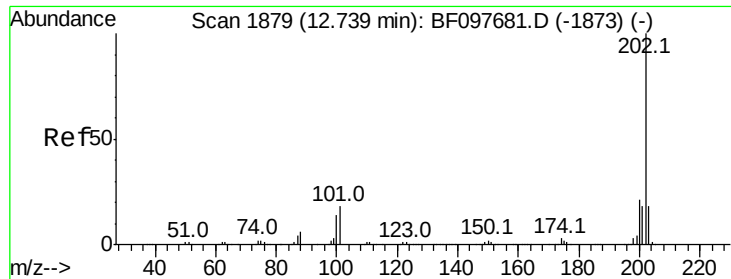
Delta R.T. -0.02 min

Lab File: BF097849.D

Acq: 18 Aug 2017 22:56

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	14.0	5.8	8.8#
236	26.7	20.5	30.7





#77

Pvrene

Concen: 7.523 ng

RT: 12.73 min Scan# 1809

Delta R.T. -0.01 min

Lab File: BF097849.D

Acq: 18 Aug 2017 22:56

Instrument :

BNA_F

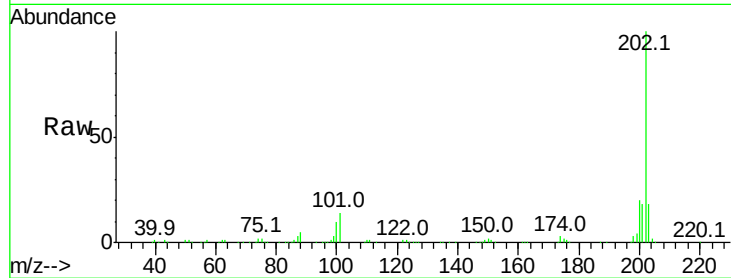
ClientSampleId :

DUP

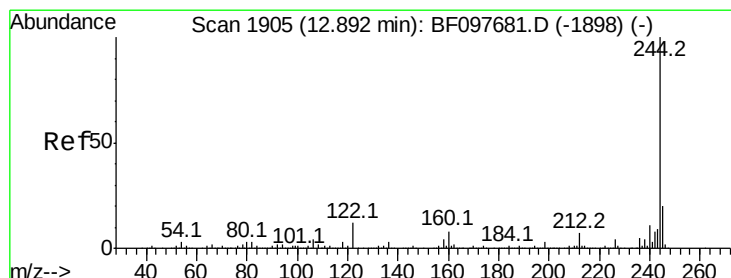
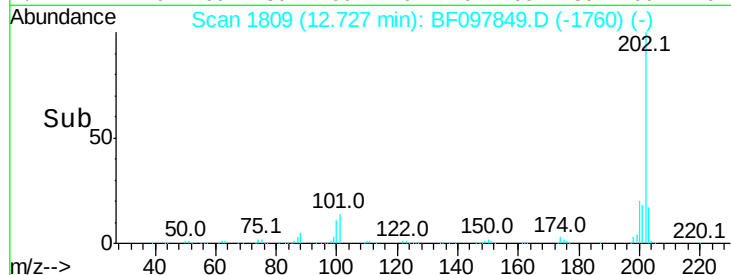
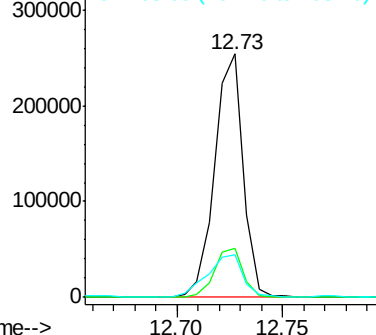
Tot Ion:	202	Resp:	238302
Ion Ratio	Lower	Upper	
202	100		
200	20.4	17.6	26.4
203	17.6	14.4	21.6

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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: 58.578 ng

RT: 12.88 min Scan# 1835

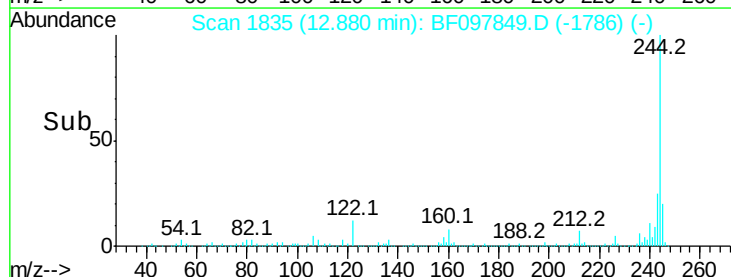
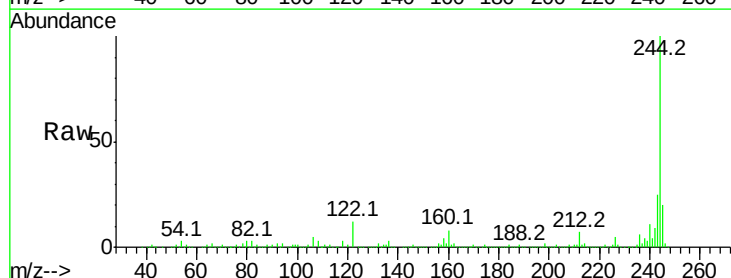
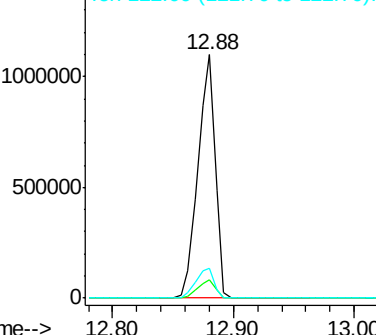
Delta R.T. -0.01 min

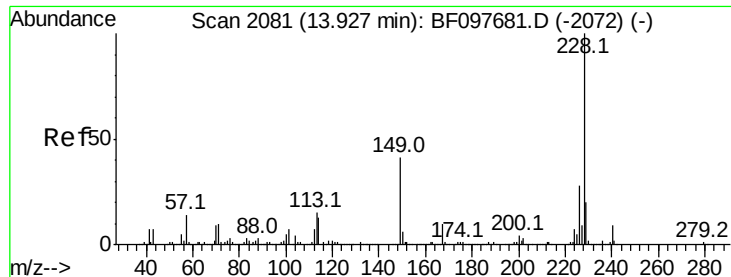
Lab File: BF097849.D

Acq: 18 Aug 2017 22:56

Tgt Ion:	244	Resp:	1087928
Ion Ratio	Lower	Upper	
244	100		
212	7.4	6.0	9.0
122	12.3	10.3	15.5

Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





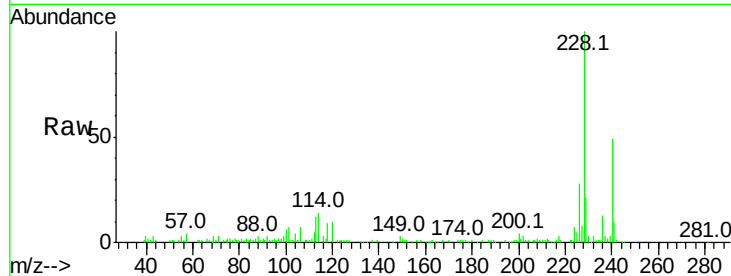
#80
Benzo(a)anthracene
Concen: 4.095 ng
RT: 13.91 min Scan# 2010
Delta R.T. -0.02 min
Lab File: BF097849.D
Acq: 18 Aug 2017 22:56

Instrument :
BNA_F
ClientSampled :
DUP

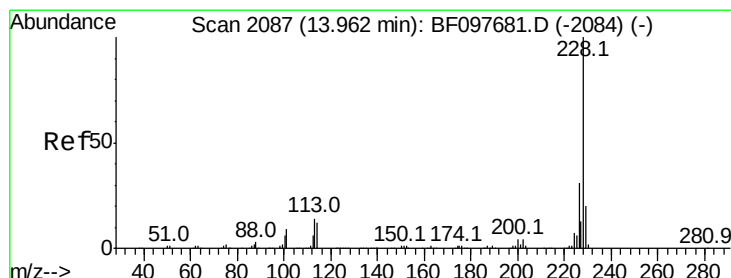
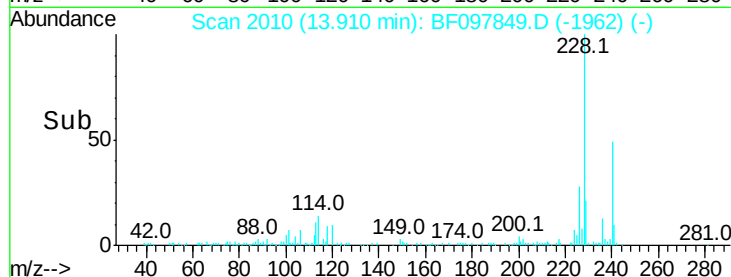
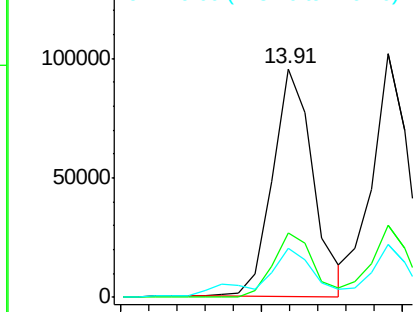
Tot Ion	Ratio	Resp	Lower	Upper
228	100	95048		
226	28.4		22.6	33.8
229	21.3		16.3	24.5

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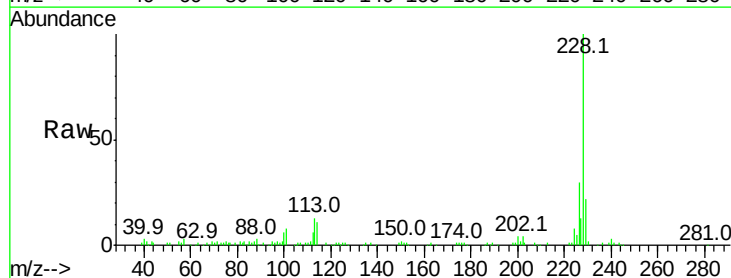


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

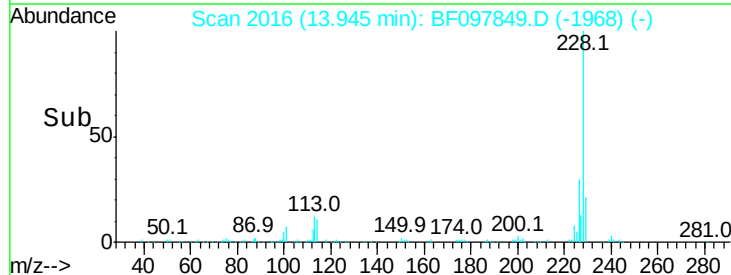
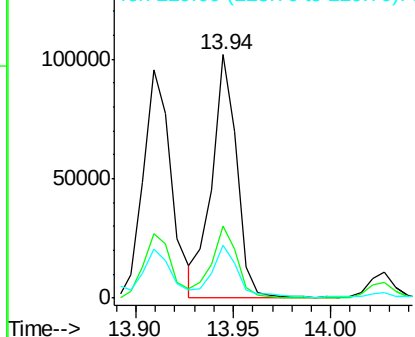


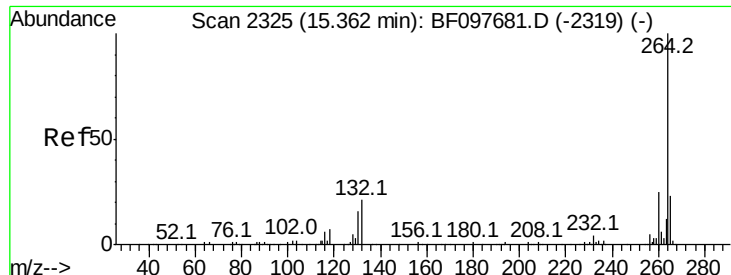
#82
Chrysene
Concen: 3.885 ng
RT: 13.94 min Scan# 2016
Delta R.T. -0.02 min
Lab File: BF097849.D
Acq: 18 Aug 2017 22:56

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	89713		
226	29.9		24.9	37.3
229	21.9		15.8	23.6



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





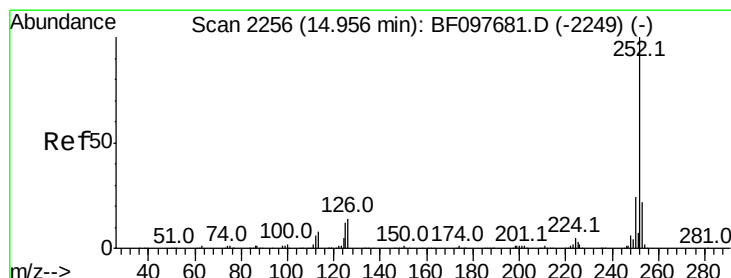
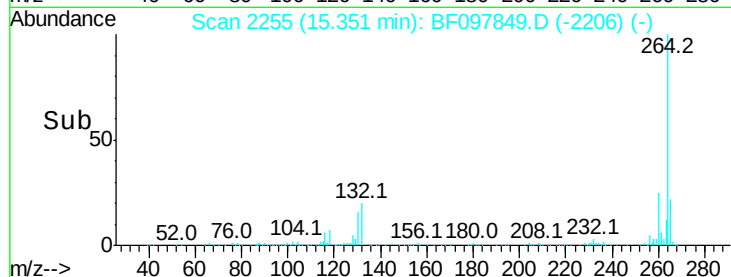
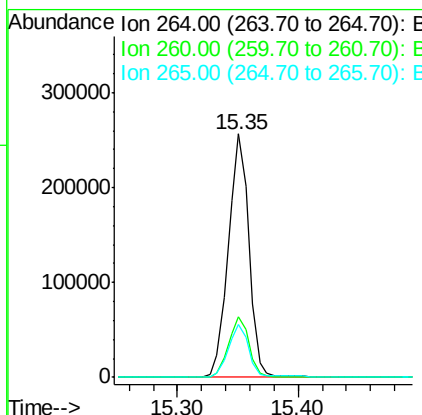
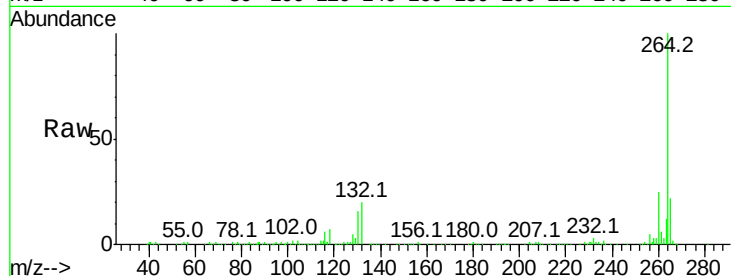
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.35 min Scan# 2255
Delta R.T. -0.01 min
Lab File: BF097849.D
Acq: 18 Aug 2017 22:56

Instrument :
BNA_F
ClientSampled :
DUP

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.5	29.3
265	22.0	17.2	25.8

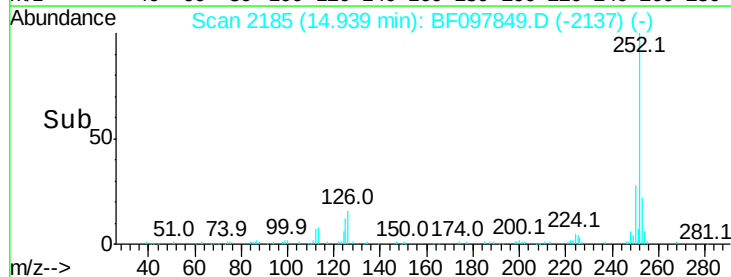
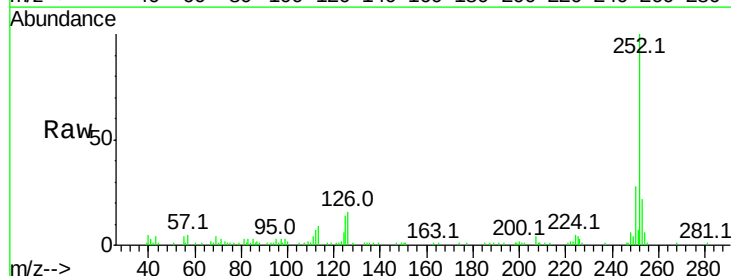
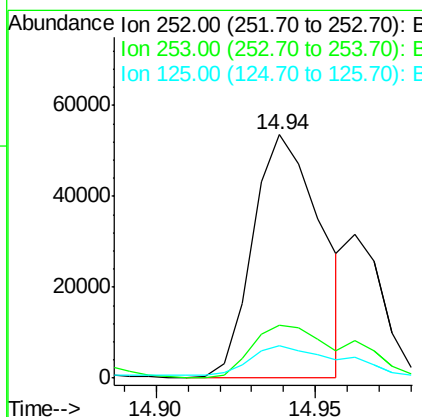
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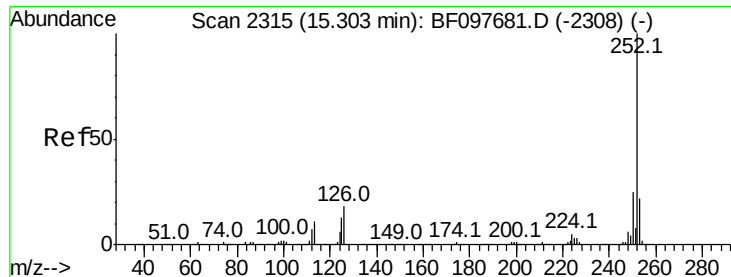
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#87
Benzo(b)fluoranthene
Concen: 4.163 ng m
RT: 14.94 min Scan# 2185
Delta R.T. -0.02 min
Lab File: BF097849.D
Acq: 18 Aug 2017 22:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.1	27.1
125	13.5	9.8	14.8





#89
 Benzo(a)pyrene
 Concen: 3.372 ng
 RT: 15.29 min Scan# 2244
 Delta R.T. -0.02 min
 Lab File: BF097849.D
 Acq: 18 Aug 2017 22:56

Instrument :
 BNA_F
 ClientSampleId :
 DUP

Tot Ion:	252	Resp:	57385
Ion Ratio	Lower	Upper	
252	100		
253	23.4	17.5	26.3
125	13.3	11.0	16.4

Manual Integrations
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