

Data Path : U:\HPCHEM1\BNA F\DATA\BF082217\
 Data File : BF097978.D
 Acq On : 23 Aug 2017 2:45
 Operator : SJ/JU
 Sample : I4910-04
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-7-8

Manual Integrations
 APPROVED

Sohil
 8/23/2017 3:04:00 PM

Quant Time: Aug 23 05:08:20 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	6.75	152	135957	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	524857	20.00	ng	0.00
38) Acenaphthene-d10	9.79	164	213738	20.00	ng	0.00
63) Phenanthrene-d10	11.26	188	350846	20.00	ng	0.00
75) Chrysene-d12	13.90	240	301211	20.00	ng	0.00
86) Perylene-d12	15.32	264	239014	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	1081860	121.04	ng	0.02
7) Phenol-d6	6.39	99	1435970	118.24	ng	0.00
23) Nitrobenzene-d5	7.32	82	925619	95.80	ng	0.00
41) 2,4,6-Tribromophenol	10.57	330	193767	104.48	ng	0.00
44) 2-Fluorobiphenyl	9.11	172	1239501	85.20	ng	0.00
78) Terphenyl-d14	12.86	244	819076	56.71	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.50	163	229370	14.681	ng	99
70) Phenanthrene	11.29	178	52866	2.828	ng	99
74) Fluoranthene	12.47	202	52283	2.679	ng	97
77) Pyrene	12.70	202	58737	2.384	ng	99

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

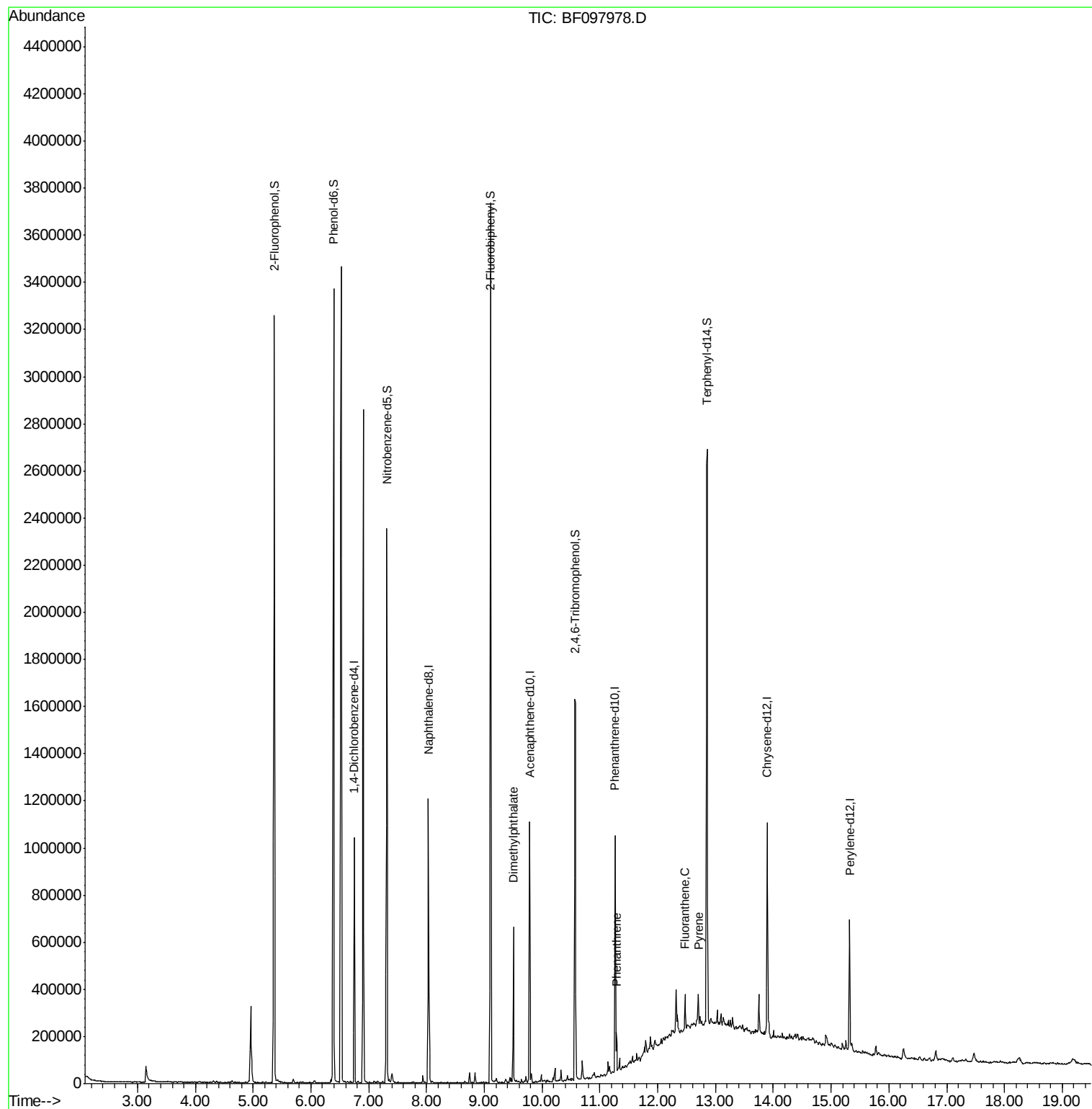
Data Path : U:\HPCHEM1\BNA F\DATA\BF082217\
Data File : BF097978.D
Acq On : 23 Aug 2017 2:45
Operator : SJ/JU
Sample : I4910-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

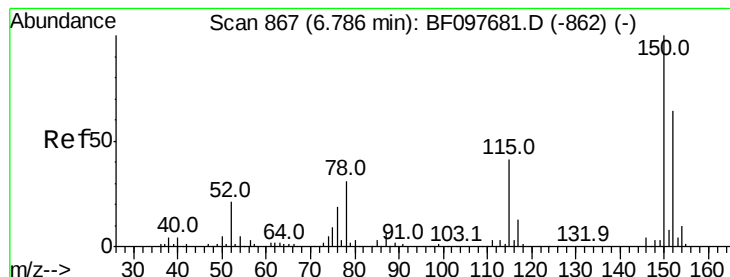
Instrument :
BNA_F
ClientSampleId :
SP-7-8

Manual Integrations
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8/23/2017 3:04:00 PM

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#1

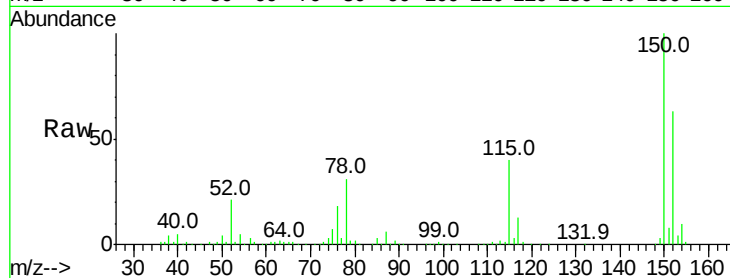
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 793
Delta R.T. -0.00 min
Lab File: BF097978.D
Acq: 23 Aug 2017 2:45

Instrument :
BNA_F
ClientSampleId :
SP-7-8

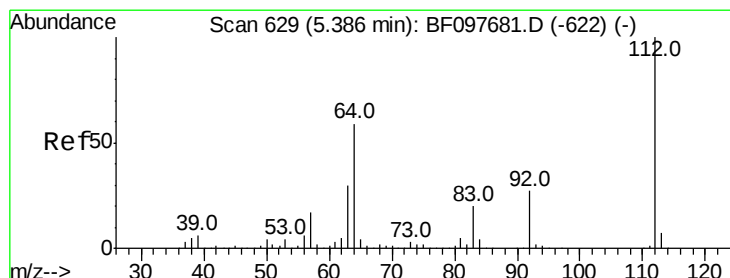
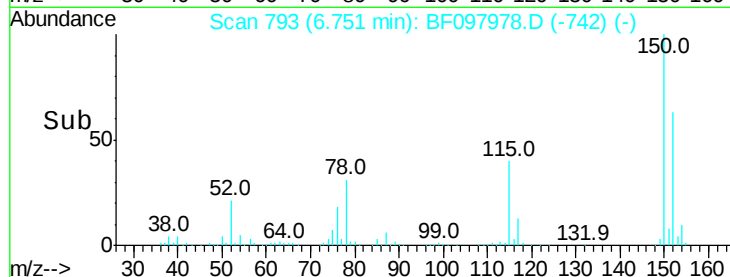
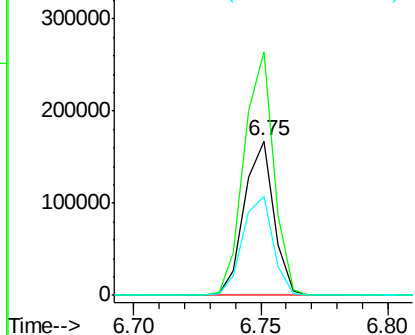
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.9	126.2	189.2
115	63.9	52.2	78.2

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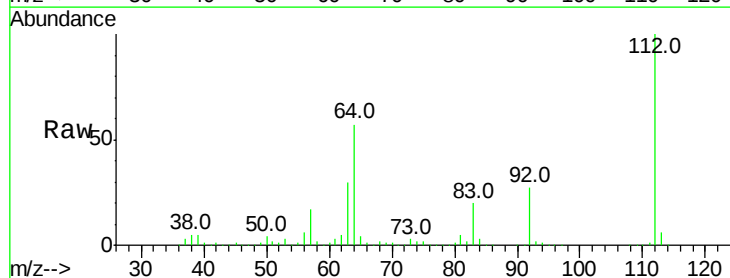
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



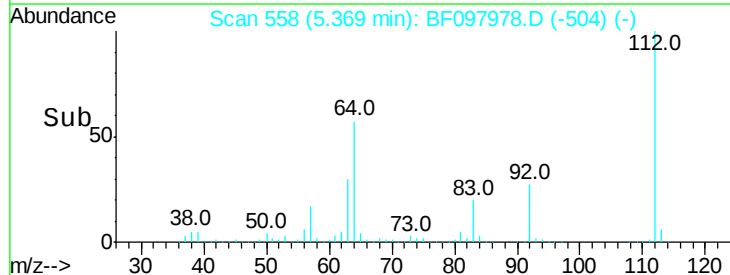
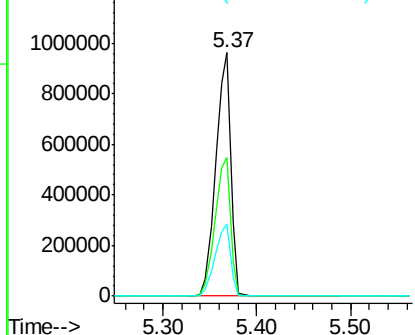
#5

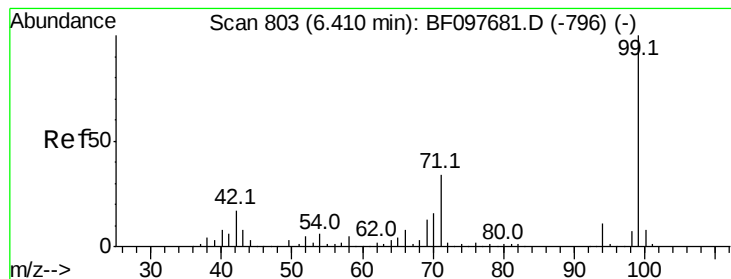
2-Fluorophenol
Concen: 121.037 ng
RT: 5.37 min Scan# 558
Delta R.T. 0.02 min
Lab File: BF097978.D
Acq: 23 Aug 2017 2:45

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.0	46.0	69.0
63	29.6	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: 118.241 ng

RT: 6.39 min Scan# 732

Delta R.T. 0.01 min

Lab File: BF097978.D

Acq: 23 Aug 2017 2:45

Instrument :

BNA_F

ClientSampled :

SP-7-8

Tot Ion: 99 Resp: 1435970

Ion Ratio Lower Upper

99 100

42 15.7 13.5 20.3

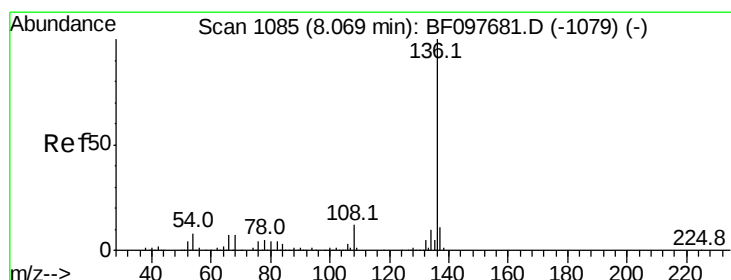
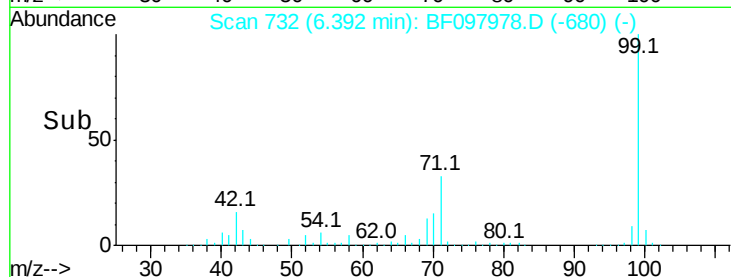
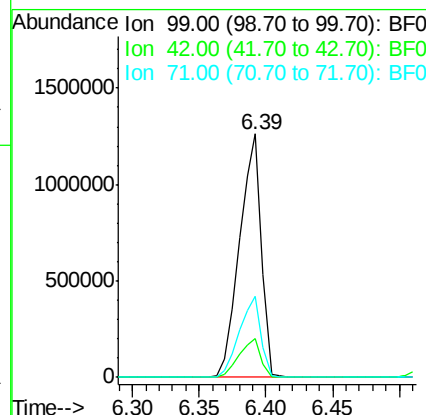
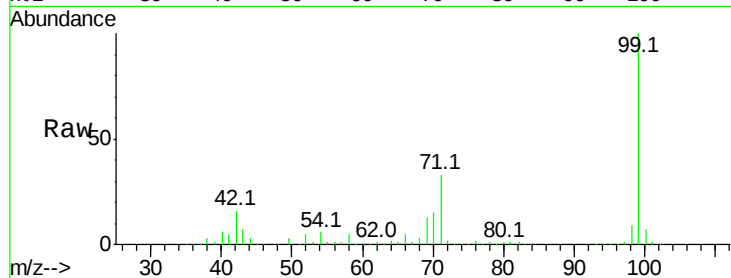
71 33.1 24.5 36.7

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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.03 min Scan# 1011

Delta R.T. -0.00 min

Lab File: BF097978.D

Acq: 23 Aug 2017 2:45

Tgt Ion: 136 Resp: 524857

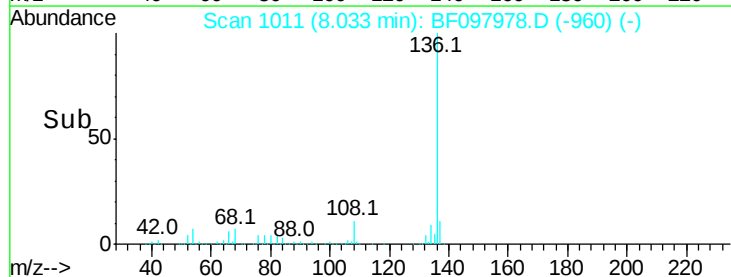
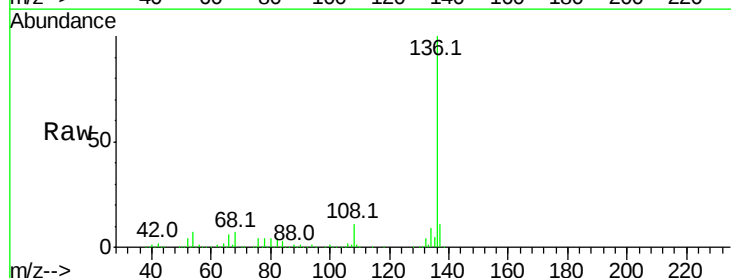
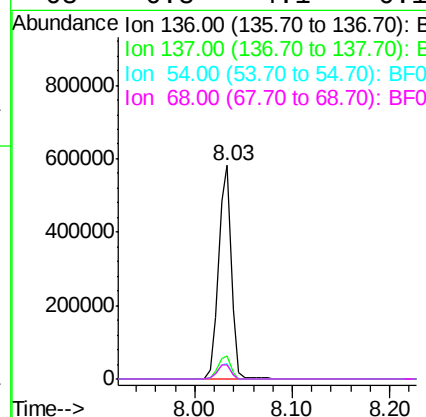
Ion Ratio Lower Upper

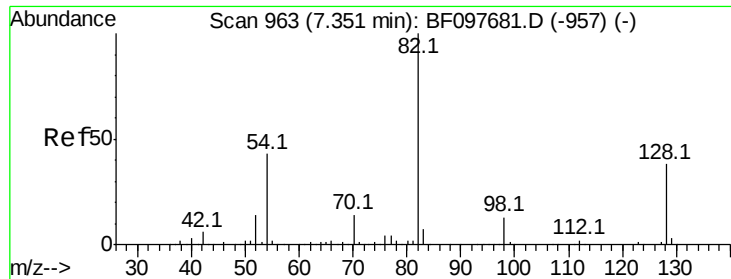
136 100

137 10.9 8.5 12.7

54 7.4 4.9 7.3#

68 6.8 4.1 6.1#





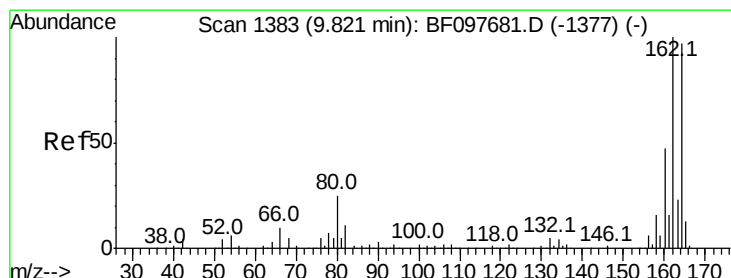
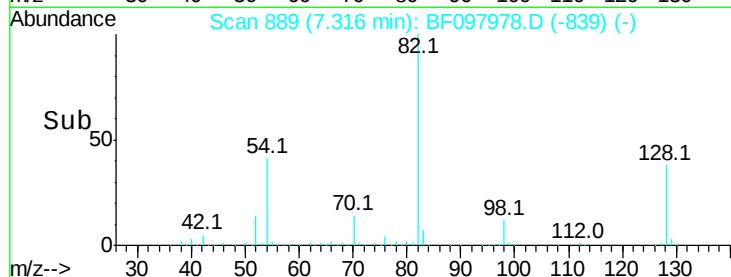
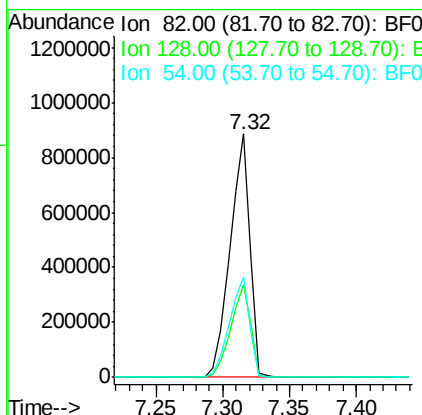
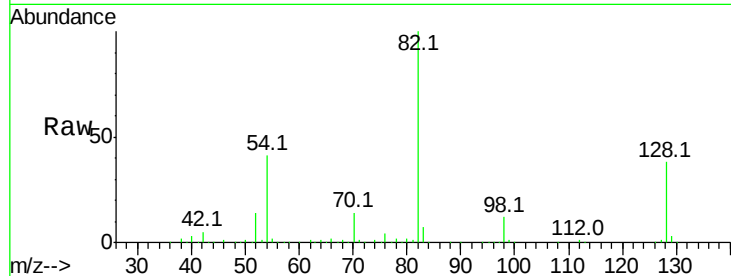
#23
Nitrobenzene-d5
Concen: 95.805 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF097978.D
Acq: 23 Aug 2017 2:45

Instrument :
BNA_F
ClientSampled :
SP-7-8

Tot Ion	Ratio	Resp Lower	Upper
82	100		
128	37.8	34.0	51.0
54	41.2	42.2	63.2#

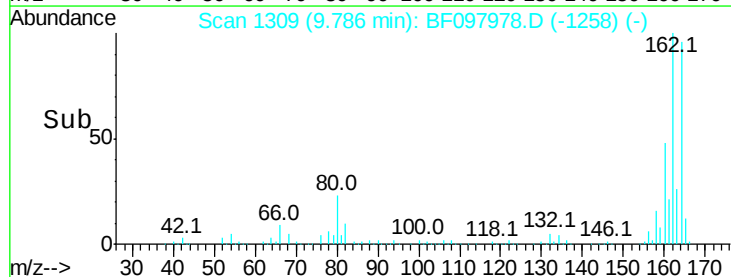
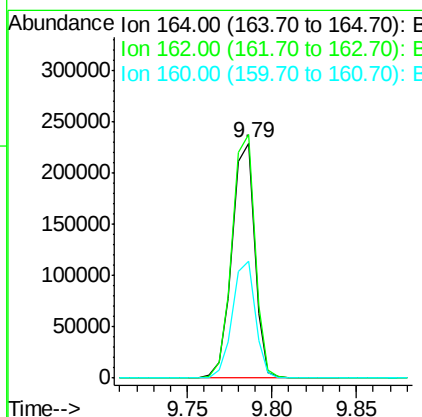
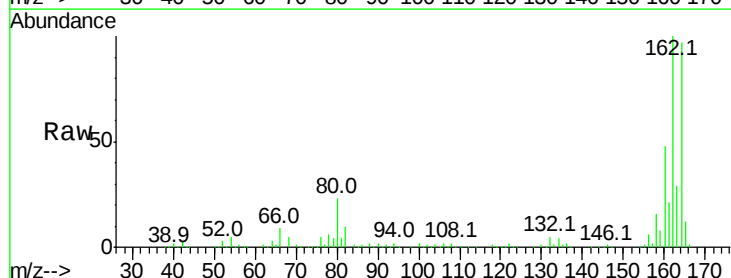
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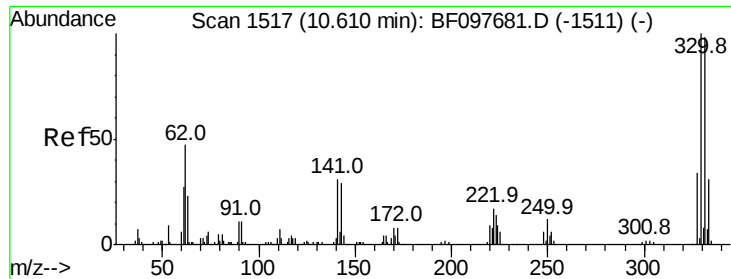
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.79 min Scan# 1309
Delta R.T. -0.00 min
Lab File: BF097978.D
Acq: 23 Aug 2017 2:45

Tgt Ion	Ratio	Resp Lower	Upper
164	100		
162	103.5	82.6	123.8
160	49.8	36.2	54.2





#41

2,4,6-Tribromophenol

Concen: 104.483 ng

RT: 10.57 min Scan# 1443

Delta R.T. -0.00 min

Lab File: BF097978.D

Acq: 23 Aug 2017 2:45

Instrument :

BNA_F

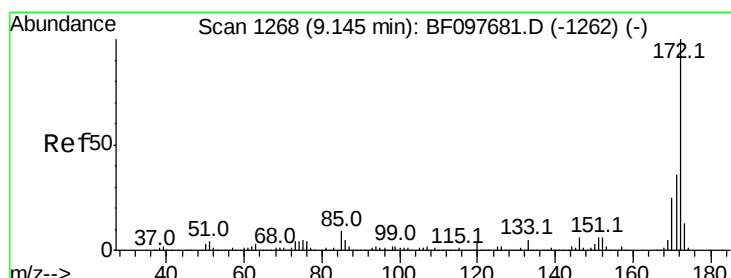
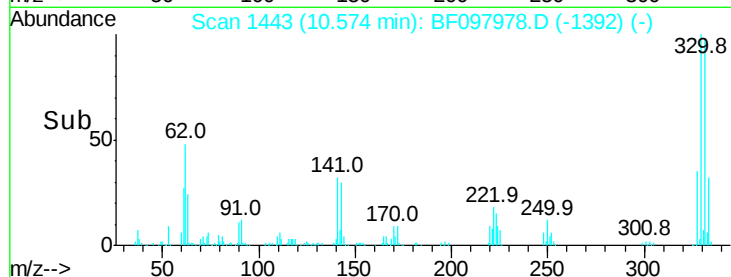
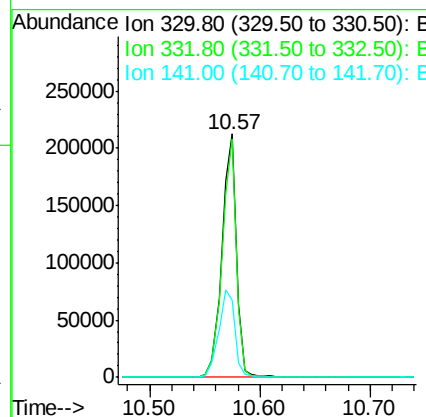
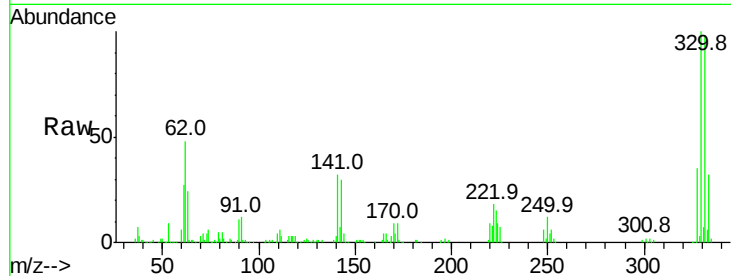
ClientSampled :

SP-7-8

Tot Ion:	330	Resp:	193767
Ion Ratio	Lower	Upper	
330	100		
332	96.0	76.6	115.0
141	40.0	31.4	47.2

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#44

2-Fluorobiphenyl

Concen: 85.202 ng

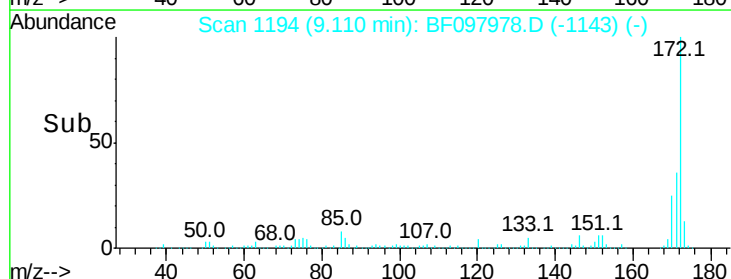
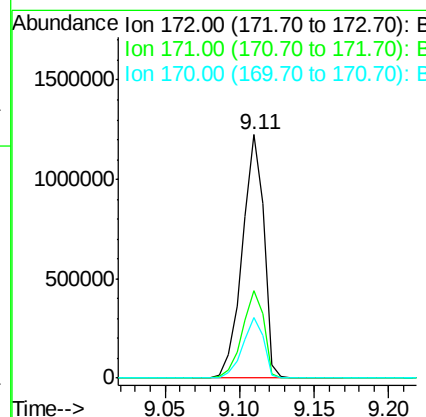
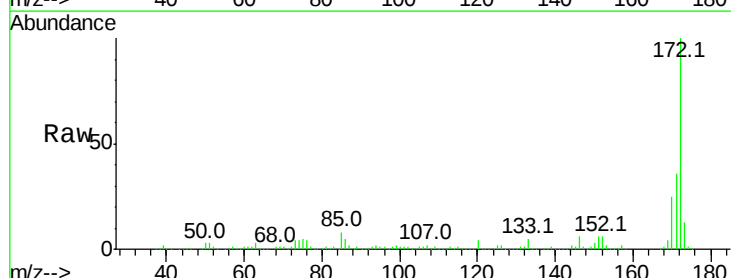
RT: 9.11 min Scan# 1194

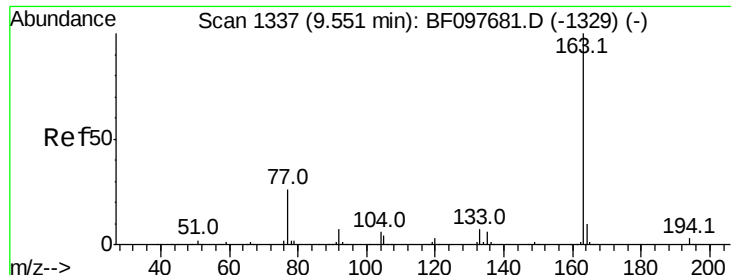
Delta R.T. -0.00 min

Lab File: BF097978.D

Acq: 23 Aug 2017 2:45

Tgt Ion:	172	Resp:	1239501
Ion Ratio	Lower	Upper	
172	100		
171	36.0	29.6	44.4
170	24.9	19.8	29.8





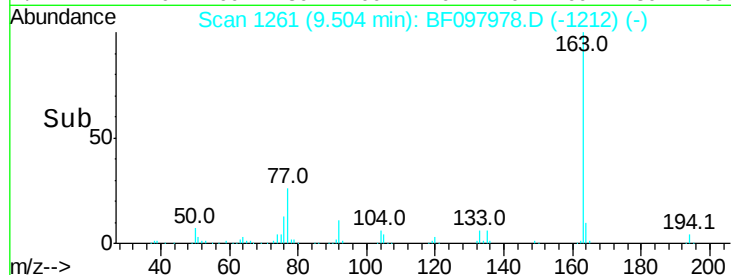
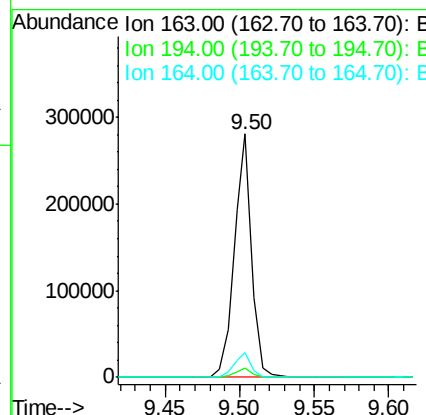
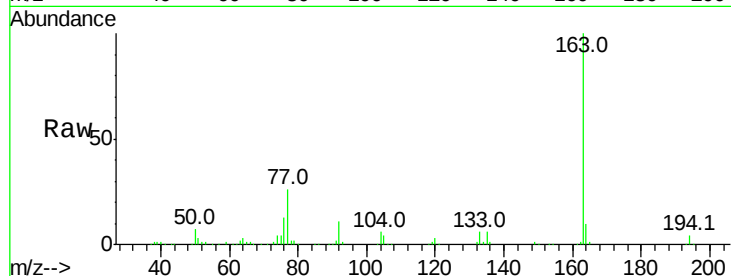
#49
Dimethylphthalate
Concen: 14.681 ng
RT: 9.50 min Scan# 1261
Delta R.T. -0.01 min
Lab File: BF097978.D
Acq: 23 Aug 2017 2:45

Instrument :
BNA_F
ClientSampled :
SP-7-8

Tot Ion	Ratio	Resp	Lower	Upper
163	100	229370		
194	3.6		2.6	4.0
164	9.9		8.4	12.6

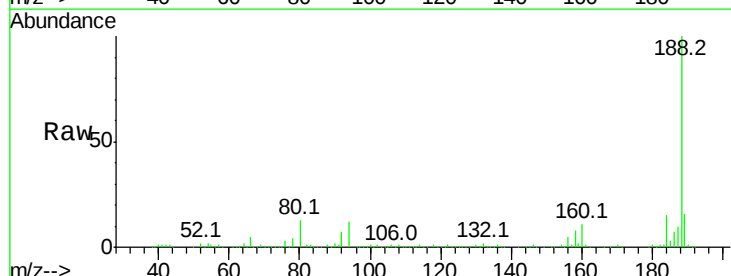
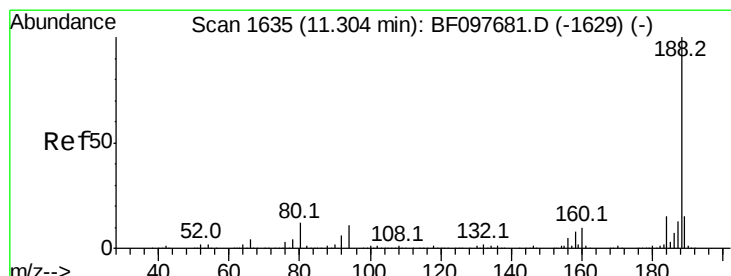
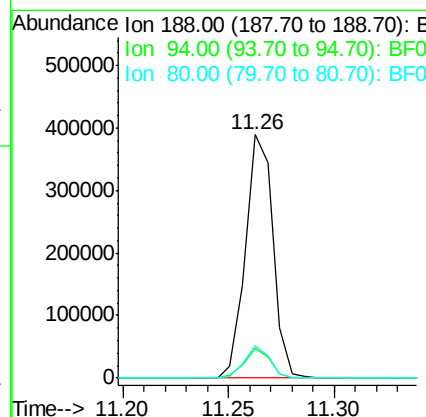
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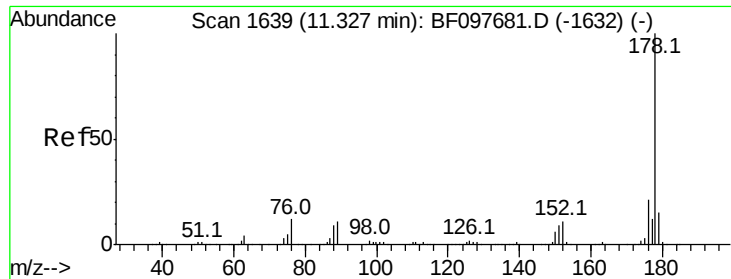
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.26 min Scan# 1560
Delta R.T. -0.00 min
Lab File: BF097978.D
Acq: 23 Aug 2017 2:45

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	350846		
94	12.4		9.4	14.2
80	13.2		10.2	15.2





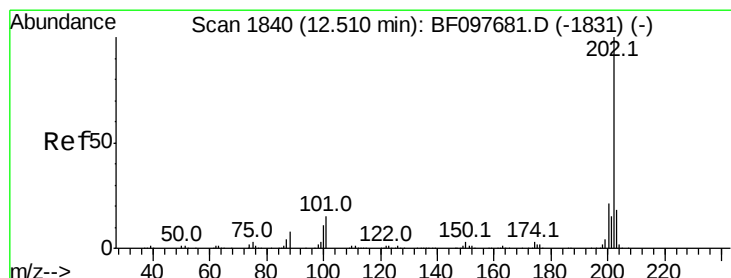
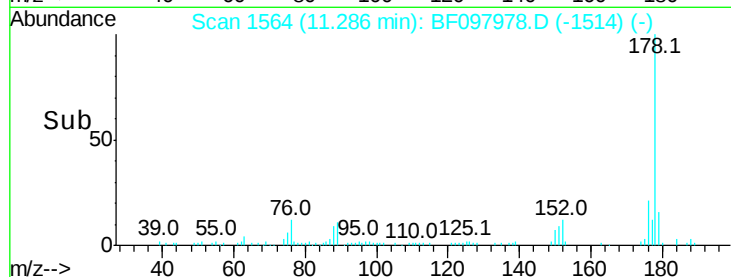
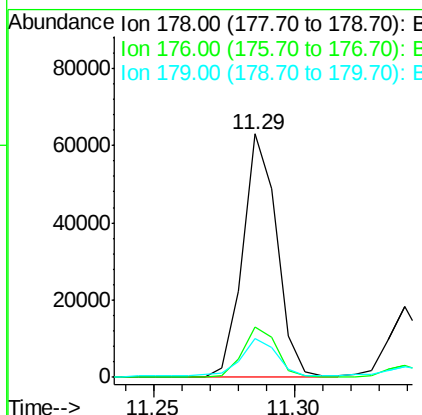
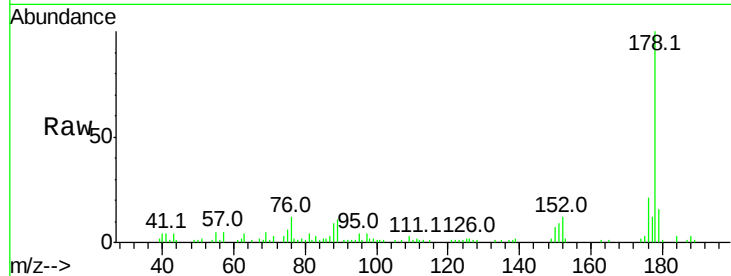
#70
Phenanthrene
Concen: 2.828 ng
RT: 11.29 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BF097978.D
Acq: 23 Aug 2017 2:45

Instrument :
BNA_F
ClientSampleId :
SP-7-8

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.8	16.2	24.4
179	16.1	12.6	19.0

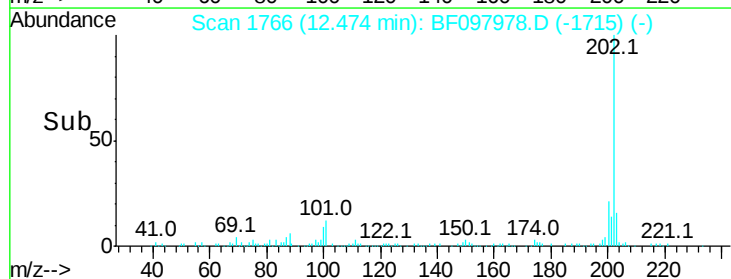
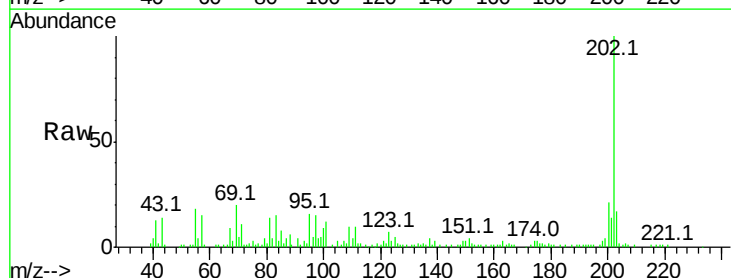
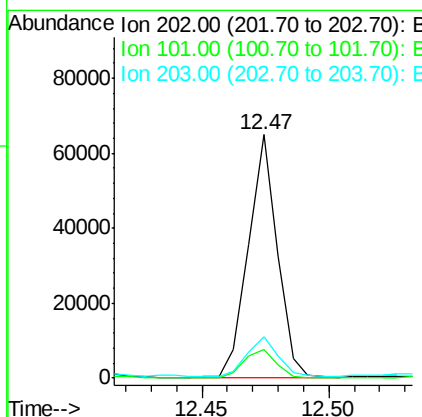
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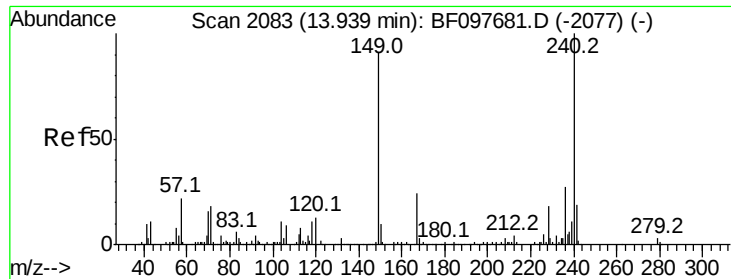
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#74
Fluoranthene
Concen: 2.679 ng
RT: 12.47 min Scan# 1766
Delta R.T. -0.00 min
Lab File: BF097978.D
Acq: 23 Aug 2017 2:45

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.8	0.0	33.2
203	17.1	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.90 min Scan# 2008

Delta R.T. -0.00 min

Lab File: BF097978.D

Acq: 23 Aug 2017 2:45

Instrument :

BNA_F

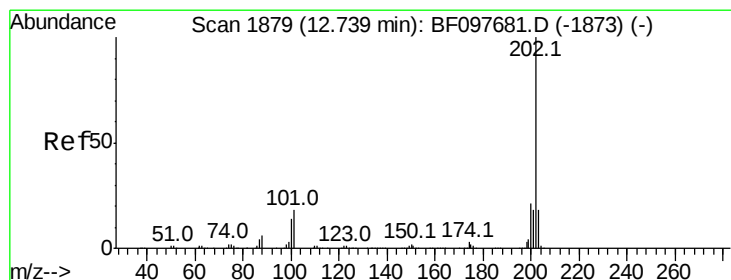
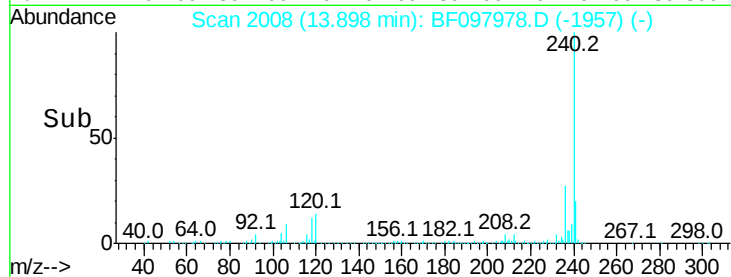
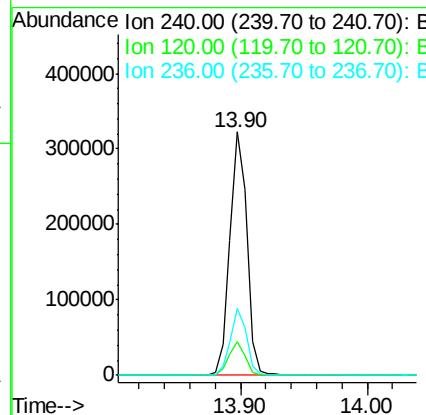
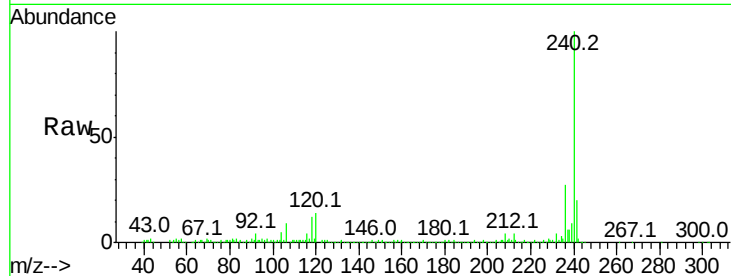
ClientSampleId :

SP-7-8

Tot Ion	Ion	Ratio	Resp	Lower	Upper
240	100				
120	13.9	5.8	8.8#		
236	27.3	20.5	30.7		

Manual Integrations
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#77

Pyrene

Concen: 2.384 ng

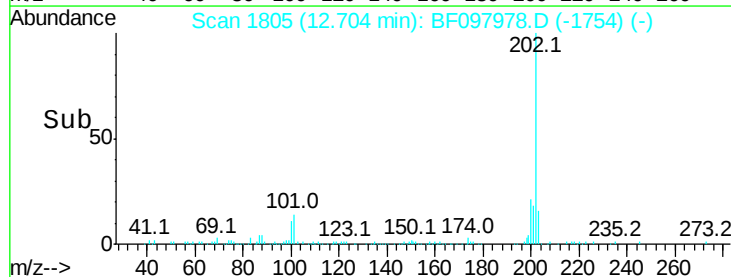
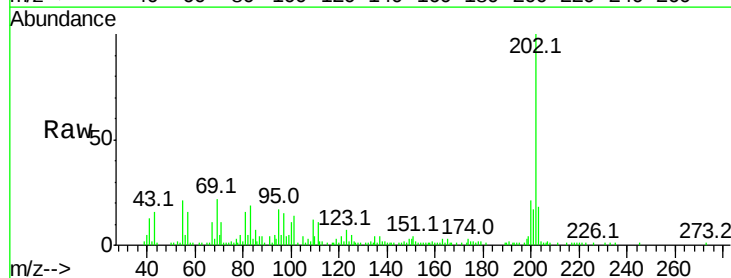
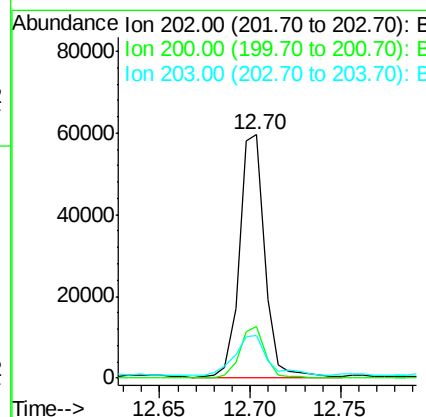
RT: 12.70 min Scan# 1805

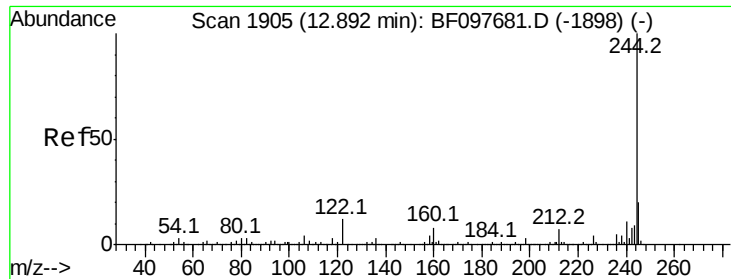
Delta R.T. -0.00 min

Lab File: BF097978.D

Acq: 23 Aug 2017 2:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
202	100				
200	21.1	17.6	26.4		
203	17.7	14.4	21.6		





#78

Terphenyl-d14

Concen: 56.706 ng

RT: 12.86 min Scan# 1831

Delta R.T. 0.01 min

Lab File: BF097978.D

Acq: 23 Aug 2017 2:45

Instrument :

BNA_F

ClientSampled :

SP-7-8

Tot Ion:244 Resp: 819076

Ion Ratio Lower Upper

244 100

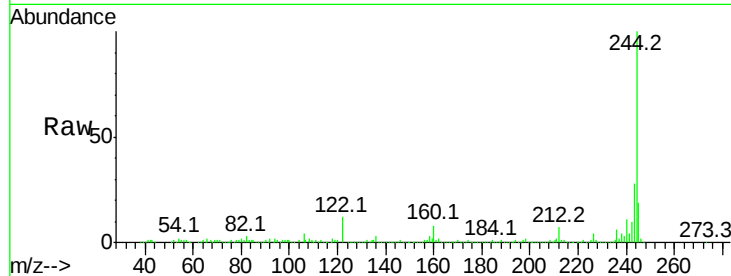
212 7.4 6.0 9.0

122 11.8 10.3 15.5

Manual Integrations
APPROVED

Sohil

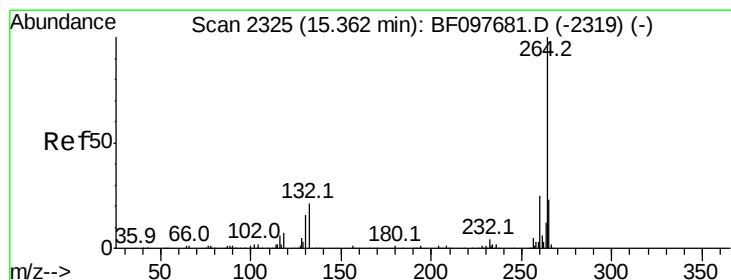
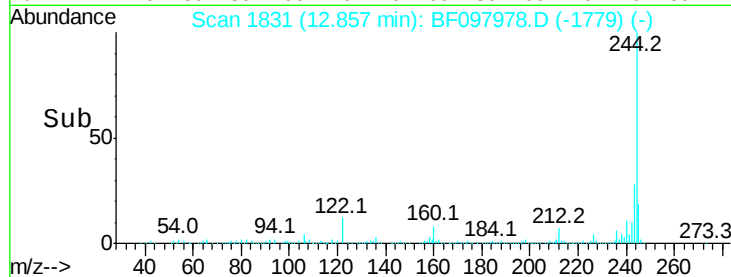
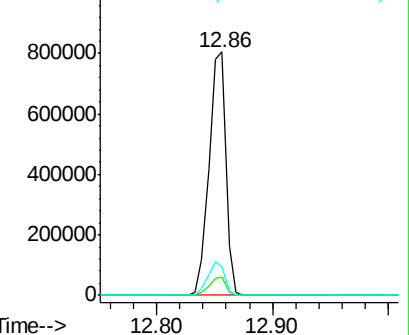
8/23/2017 3:04:00 PM



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.32 min Scan# 2250

Delta R.T. 0.01 min

Lab File: BF097978.D

Acq: 23 Aug 2017 2:45

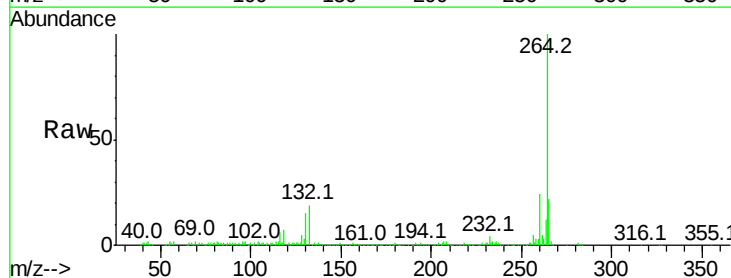
Tgt Ion:264 Resp: 239014

Ion Ratio Lower Upper

264 100

260 24.3 19.5 29.3

265 22.0 17.2 25.8



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

