

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072817\
 Data File : BF097188.D
 Acq On : 29 Jul 2017 7:43
 Operator : SJ/JU
 Sample : I4421-09
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-HS5-SSW

Manual Integrations
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 7/31/2017 6:53:04 PM

Quant Time: Jul 31 01:43:05 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 25 14:11:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.49	152	109243	20.00	ng	-0.01
21) Naphthalene-d8	7.77	136	420085	20.00	ng	-0.02
38) Acenaphthene-d10	9.52	164	148201	20.00	ng	-0.02
63) Phenanthrene-d10	10.99	188	211430	20.00	ng	-0.02
75) Chrysene-d12	13.61	240	178027	20.00	ng	-0.02
86) Perylene-d12	14.96	264	130065	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.09	112	621181	85.72	ng	-0.01
7) Phenol-d6	6.15	99	763379	92.27	ng	-0.02
23) Nitrobenzene-d5	7.05	82	436020	60.89	ng	-0.02
41) 2,4,6-Tribromophenol	10.30	330	84904	72.51	ng	-0.02
44) 2-Fluorobiphenyl	8.85	172	502788	57.58	ng	-0.02
78) Terphenyl-d14	12.57	244	284744	32.61	ng	-0.02
Target Compounds						
10) Phenol	6.16	94	29495	3.006	ng	Qvalue # 76
49) Dimethylphthalate	9.25	163	118818	10.558	ng	99
74) Fluoranthene	12.19	202	22724	2.048	ng	98

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

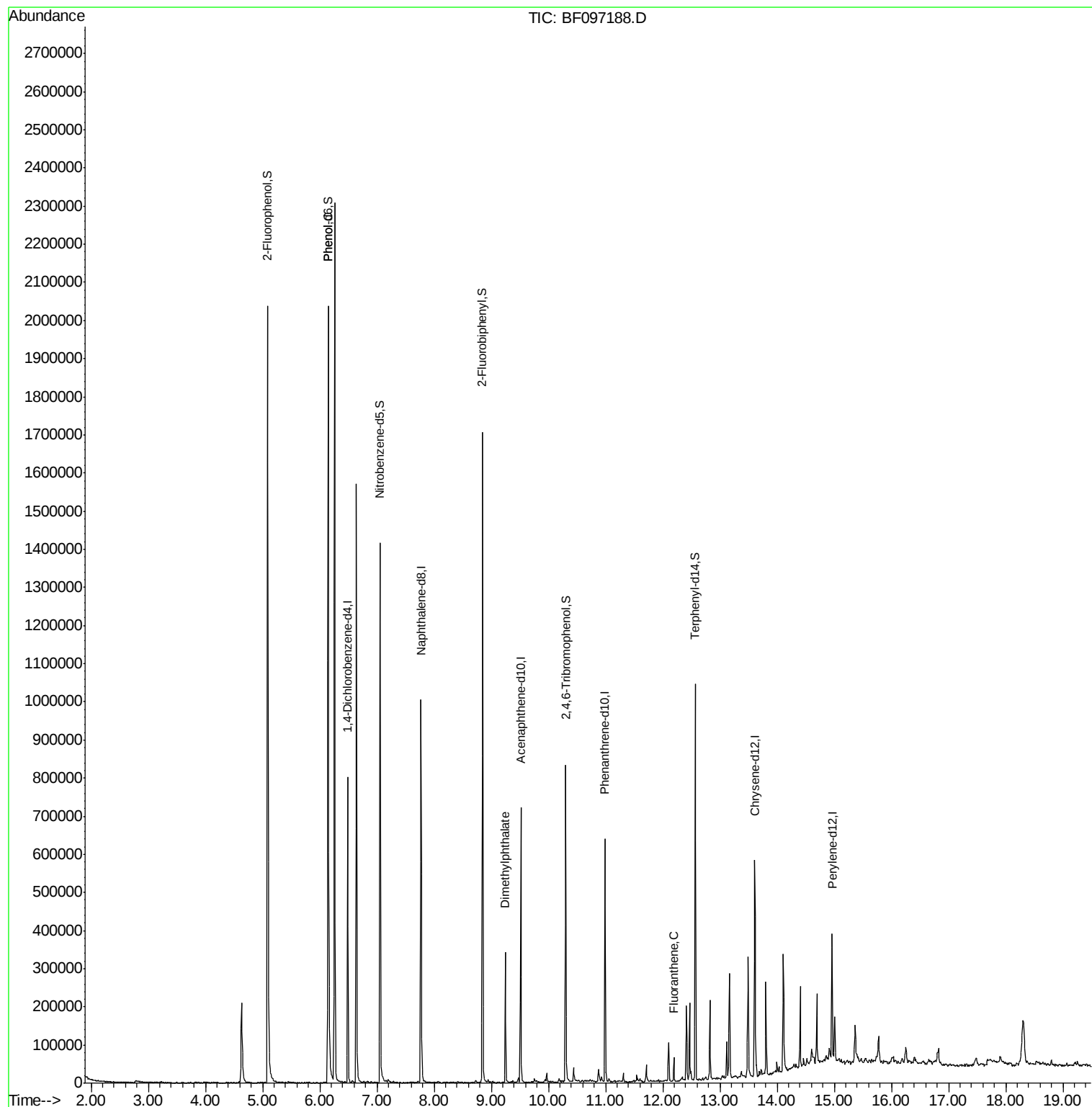
Data Path : Z:\HPCHEM1\BNA F\DATA\BF072817\
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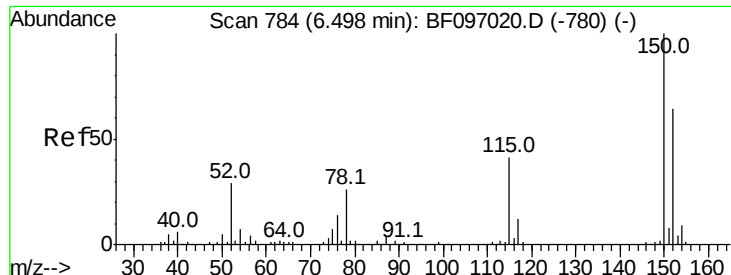
Instrument :
BNA_F
ClientSampleId :
E2-HS5-SSW

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Quant Time: Jul 31 01:43:05 2017
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#1

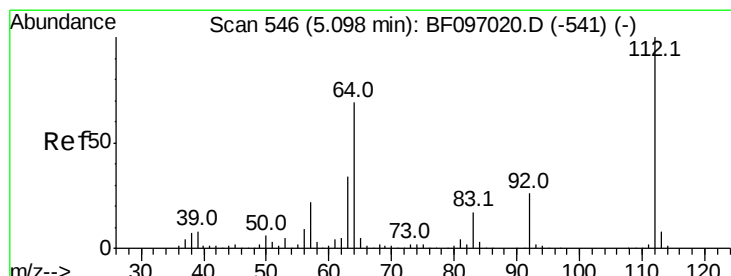
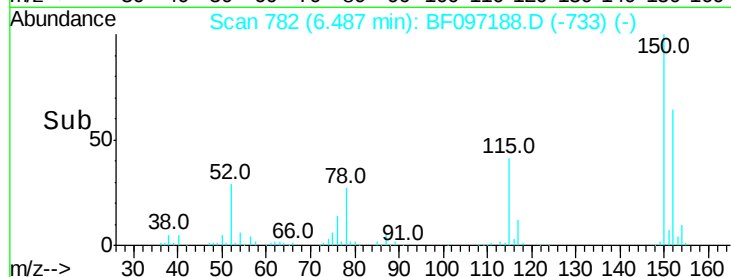
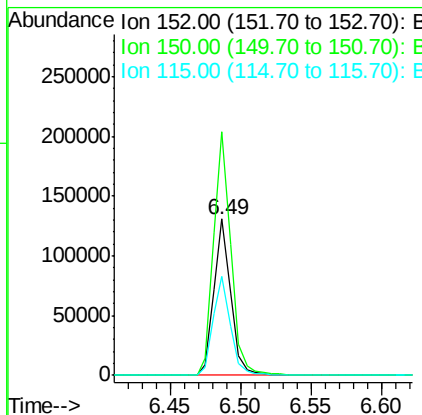
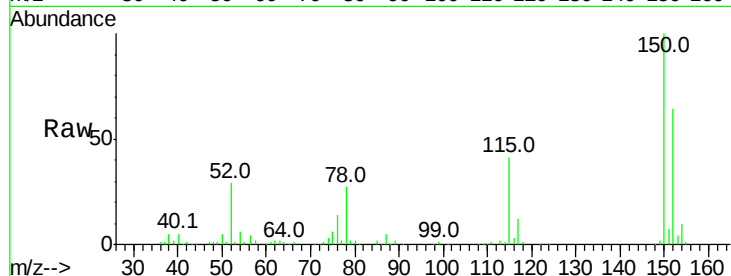
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.49 min Scan# 782
Delta R.T. -0.01 min
Lab File: BF097188.D
Acq: 29 Jul 2017 7:43

Instrument :
BNA_F
ClientSampled :
E2-HS5-SSW

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.6	126.2	189.2
115	63.2	52.2	78.2

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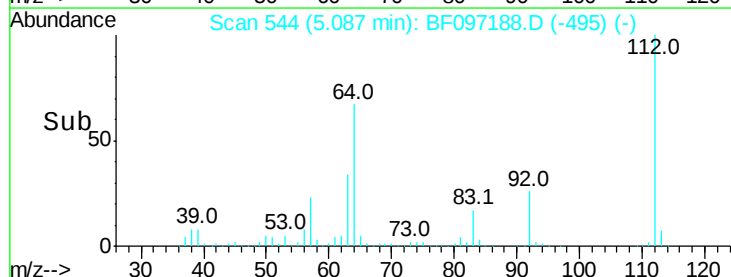
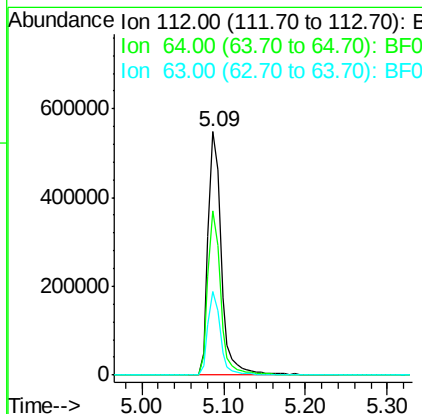
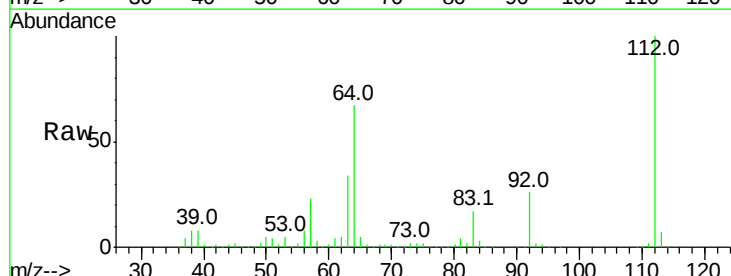
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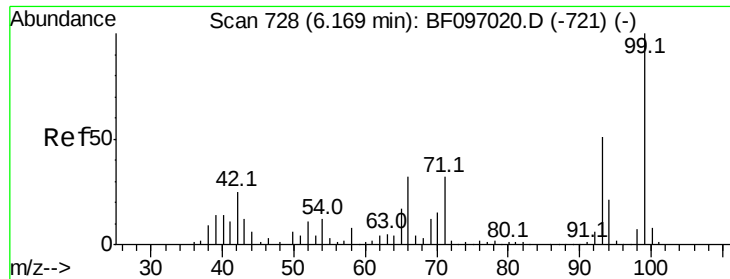


#5

2-Fluorophenol
Concen: 85.719 ng
RT: 5.09 min Scan# 544
Delta R.T. -0.01 min
Lab File: BF097188.D
Acq: 29 Jul 2017 7:43

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.4	46.0	69.0
63	34.3	23.4	35.0





#7

Phenol-d6

Concen: 92.274 ng

RT: 6.15 min Scan# 725

Delta R.T. -0.02 min

Lab File: BF097188.D

Acq: 29 Jul 2017 7:43

Instrument :

BNA_F

ClientSampleId :

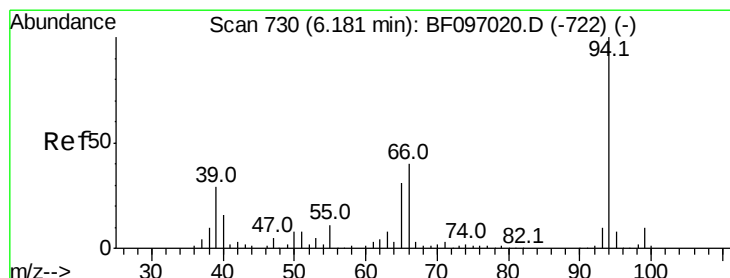
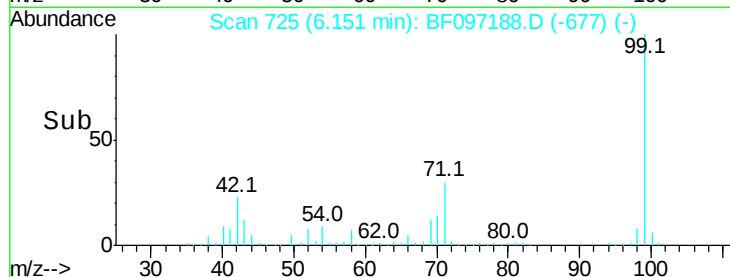
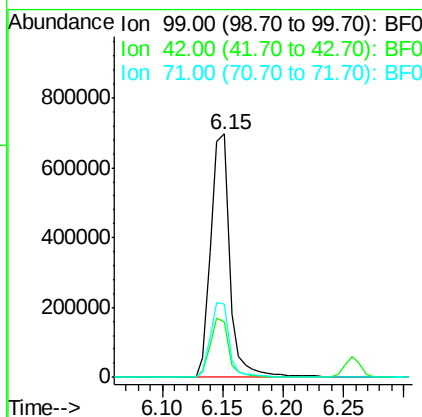
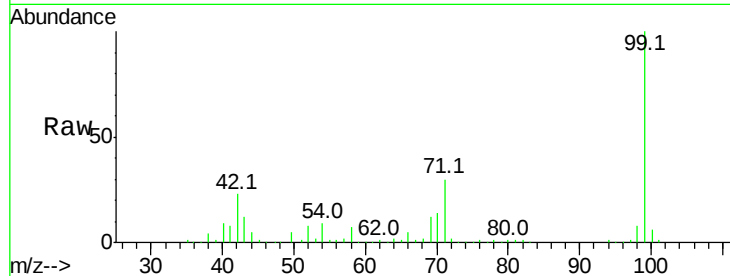
E2-HS5-SSW

Tot Ion	Ratio	Resp	Lower	Upper
99	100	763379		
42	22.6		13.5	20.3#
71	30.2		24.5	36.7

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#10

Phenol

Concen: 3.006 ng

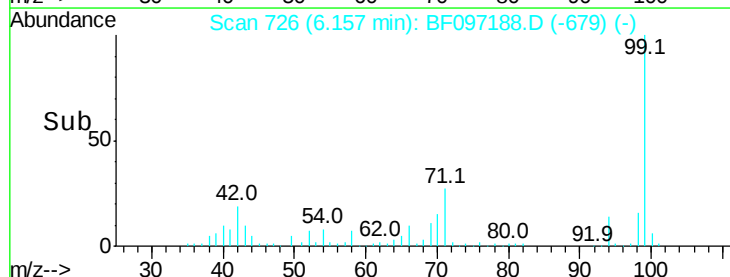
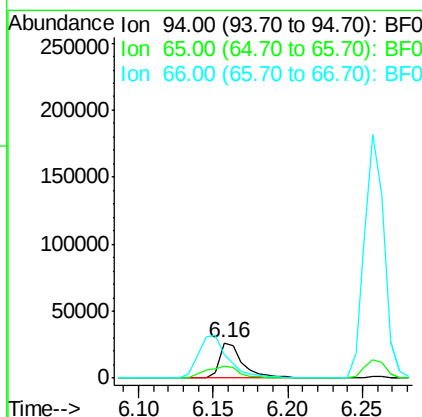
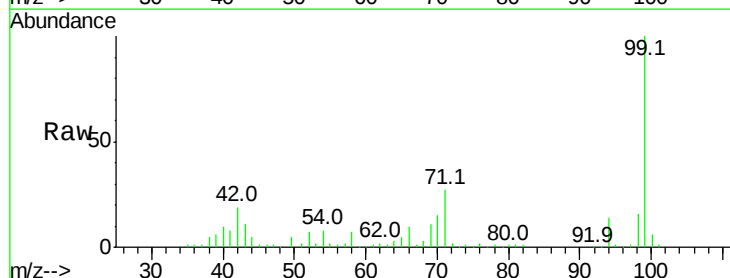
RT: 6.16 min Scan# 726

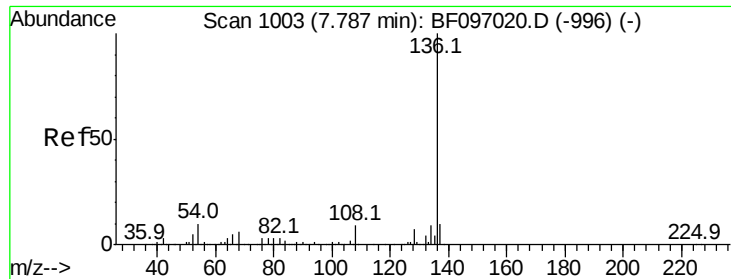
Delta R.T. -0.02 min

Lab File: BF097188.D

Acq: 29 Jul 2017 7:43

Tgt Ion	Ratio	Resp	Lower	Upper
94	100	29495		
65	33.0		9.9	49.9
66	66.1		23.1	63.1#





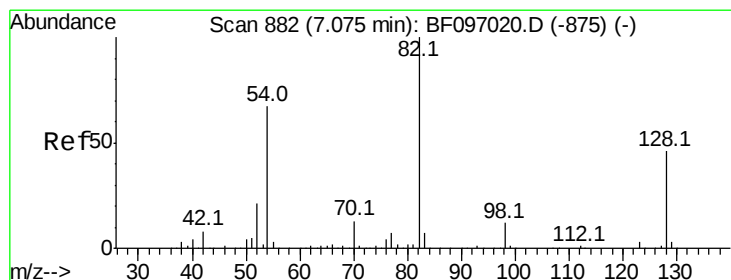
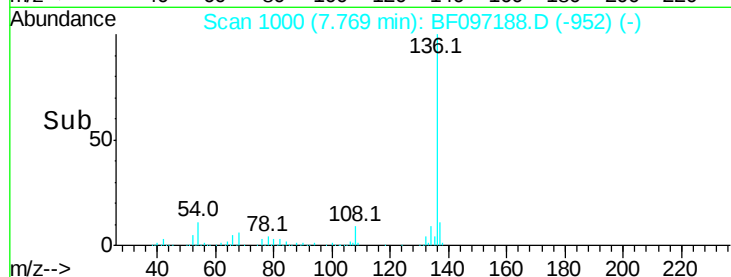
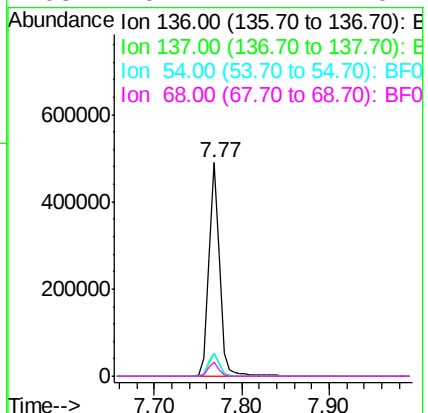
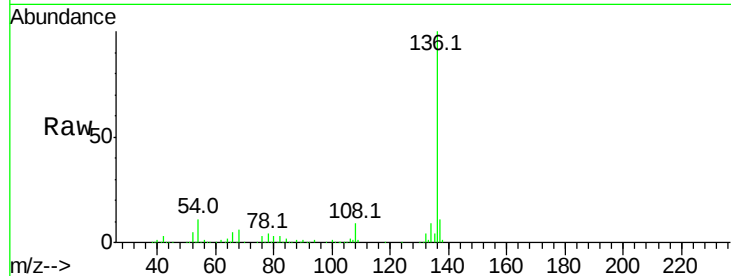
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.77 min Scan# 1000
Delta R.T. -0.02 min
Lab File: BF097188.D
Acq: 29 Jul 2017 7:43

Instrument :
BNA_F
ClientSampleId :
E2-HS5-SSW

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	10.9	8.5	12.7
54	11.0	4.9	7.3#
68	6.4	4.1	6.1#

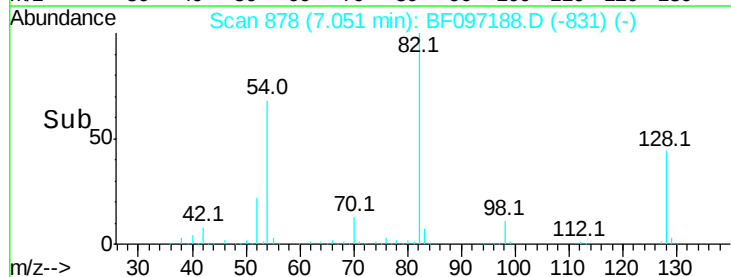
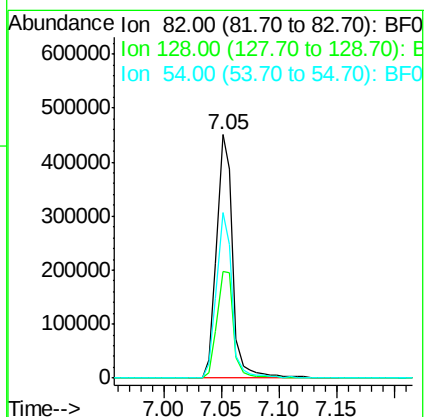
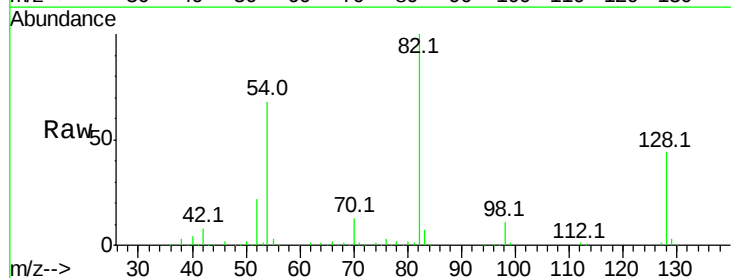
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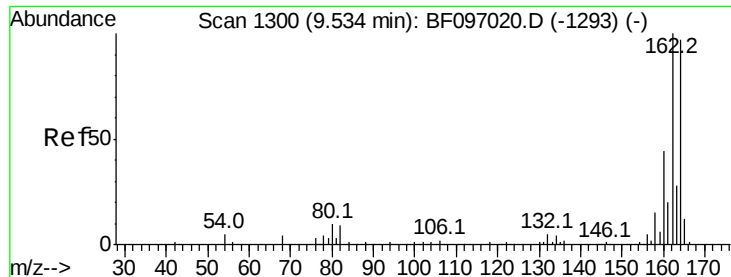
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#23
Nitrobenzene-d5
Concen: 60.889 ng
RT: 7.05 min Scan# 878
Delta R.T. -0.02 min
Lab File: BF097188.D
Acq: 29 Jul 2017 7:43

Tgt Ion	Ratio	Resp Lower	Upper
82	100		
128	43.9	34.0	51.0
54	67.8	42.2	63.2#





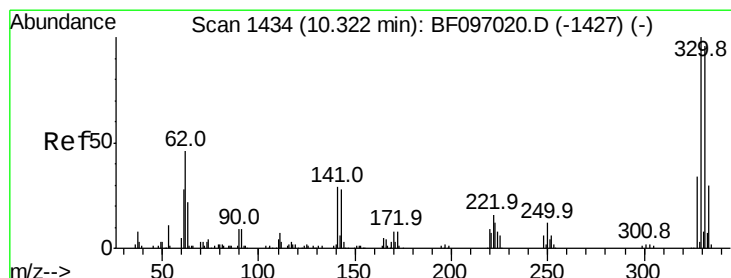
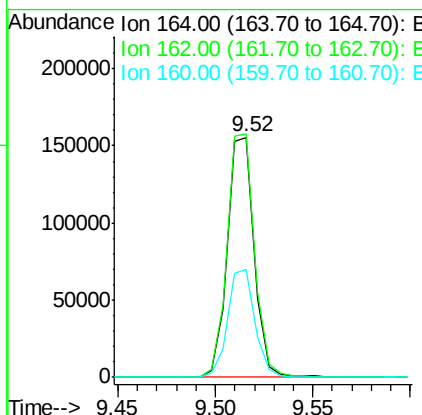
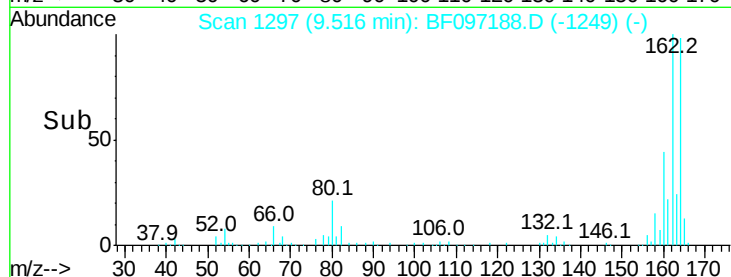
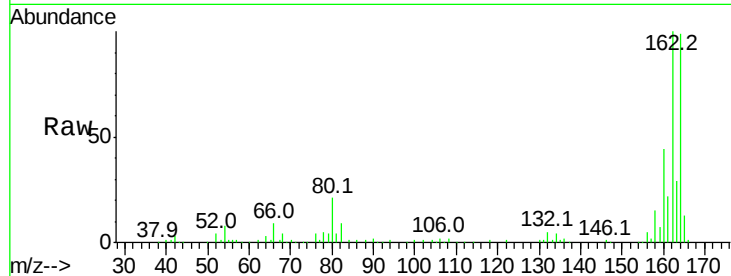
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.52 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BF097188.D
Acq: 29 Jul 2017 7:43

Instrument :
BNA_F
ClientSampleId :
E2-HS5-SSW

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	101.4	82.6	123.8	
160	44.8	36.2	54.2	

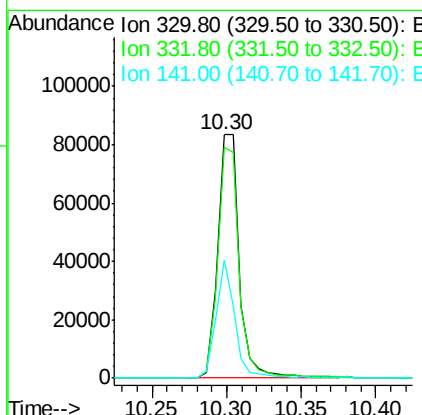
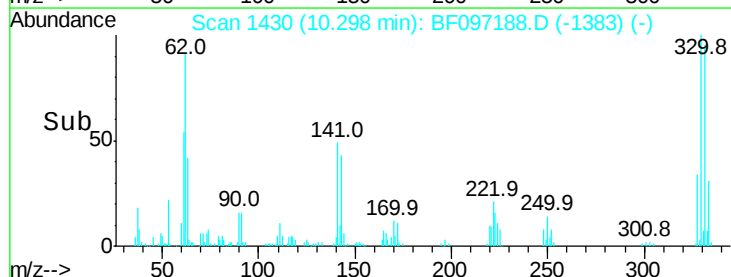
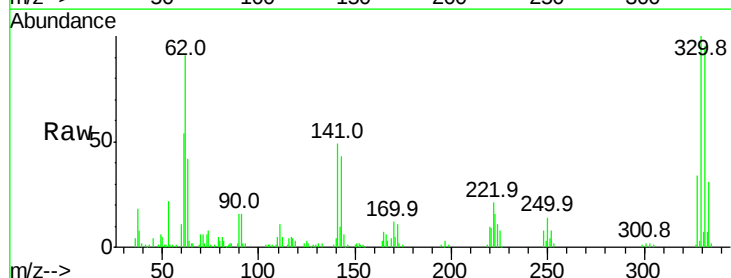
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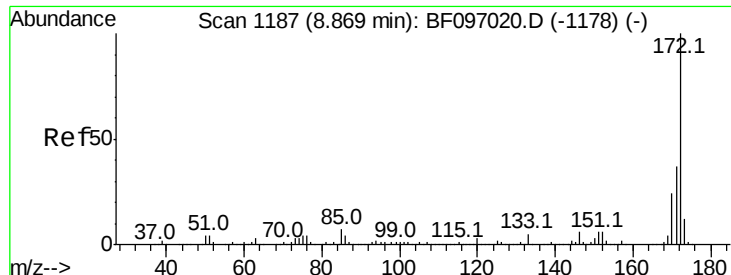
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#41
2,4,6-Tribromophenol
Concen: 72.510 ng
RT: 10.30 min Scan# 1430
Delta R.T. -0.02 min
Lab File: BF097188.D
Acq: 29 Jul 2017 7:43

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	94.6	76.6	115.0	
141	41.7	31.4	47.2	





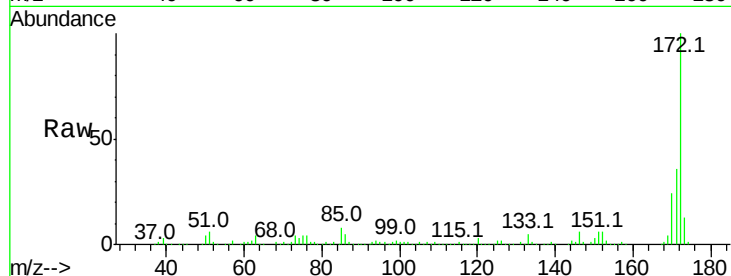
#44
2-Fluorobiphenyl
Concen: 57.576 ng
RT: 8.85 min Scan# 1183
Delta R.T. -0.02 min
Lab File: BF097188.D
Acq: 29 Jul 2017 7:43

Instrument :
BNA_F
ClientSampleId :
E2-HS5-SSW

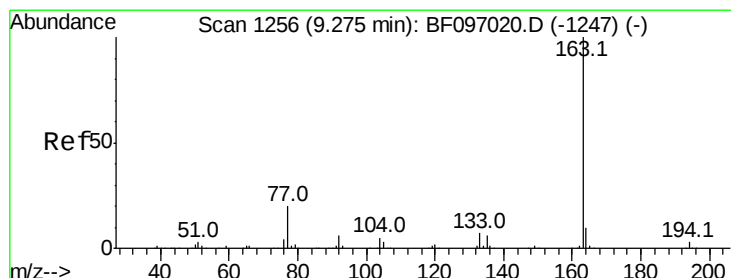
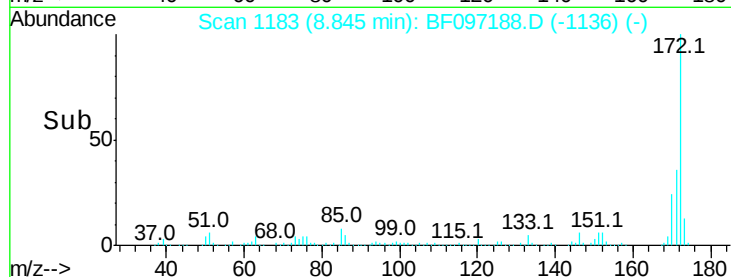
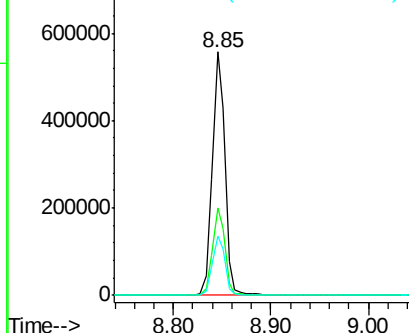
Tot Ion	Ratio	Resp	Lower	Upper
172	100	502788		
171	35.8		29.6	44.4
170	24.4		19.8	29.8

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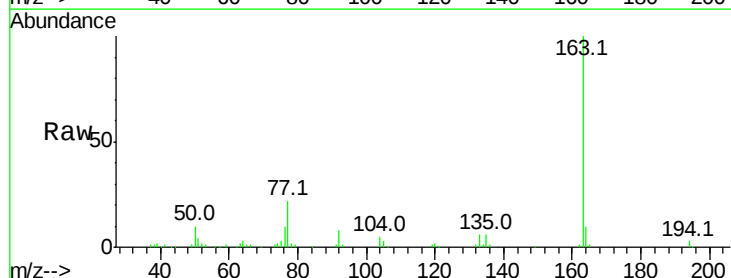


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

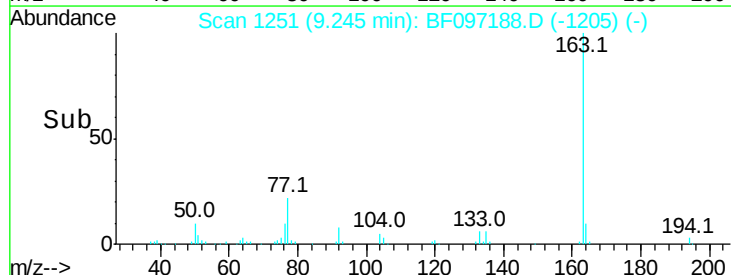
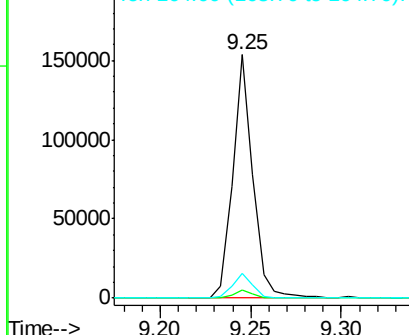


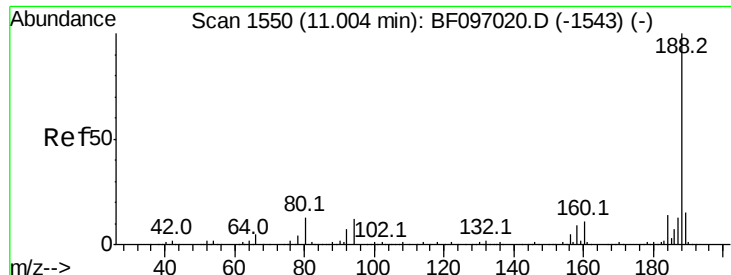
#49
Dimethylphthalate
Concen: 10.558 ng
RT: 9.25 min Scan# 1251
Delta R.T. -0.03 min
Lab File: BF097188.D
Acq: 29 Jul 2017 7:43

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	118818		
194	3.1		2.6	4.0
164	10.2		8.4	12.6



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





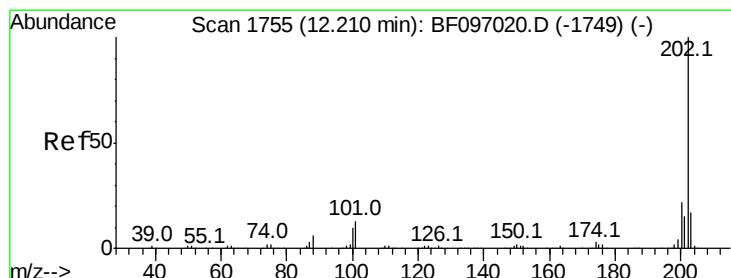
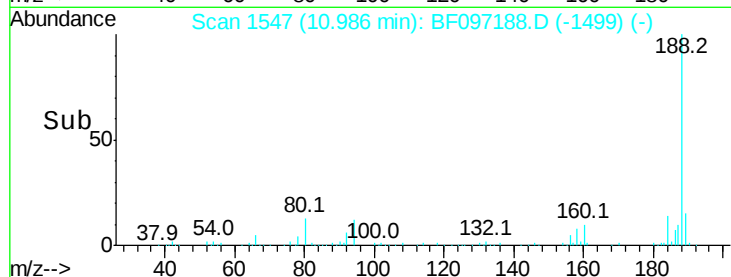
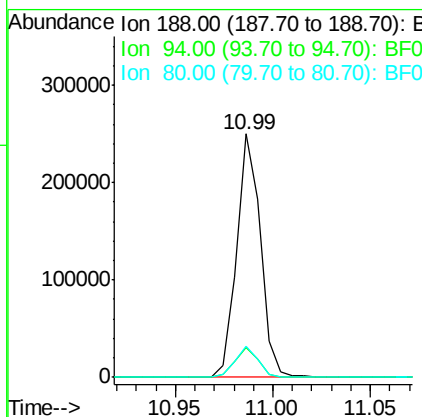
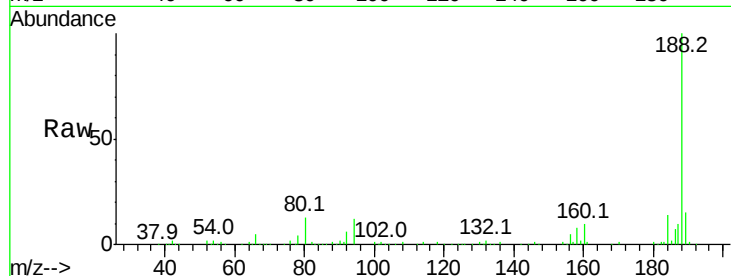
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 10.99 min Scan# 1547
Delta R.T. -0.02 min
Lab File: BF097188.D
Acq: 29 Jul 2017 7:43

Instrument :
BNA_F
ClientSampleId :
E2-HS5-SSW

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	12.1	9.4	14.2
80	12.9	10.2	15.2

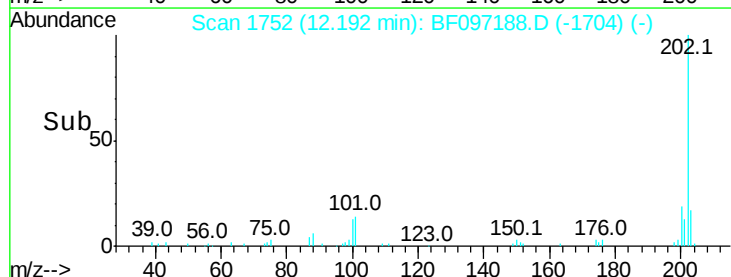
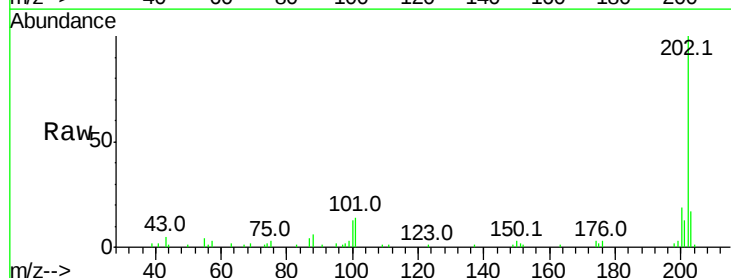
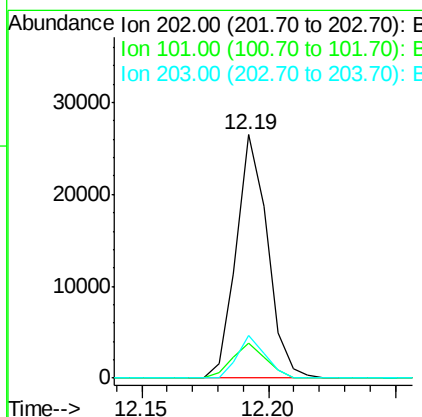
Manual Integrations
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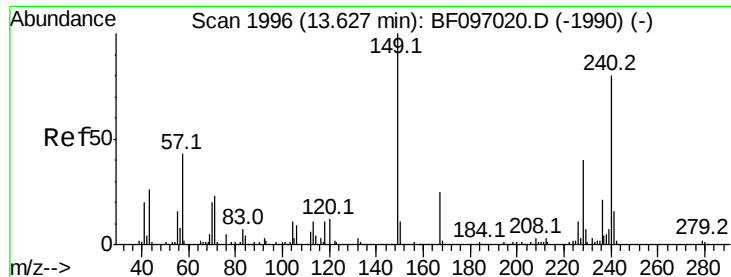
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#74
Fluoranthene
Concen: 2.048 ng
RT: 12.19 min Scan# 1752
Delta R.T. -0.02 min
Lab File: BF097188.D
Acq: 29 Jul 2017 7:43

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	14.3	0.0	33.2
203	17.4	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.61 min Scan# 1993

Delta R.T. -0.02 min

Lab File: BF097188.D

Acq: 29 Jul 2017 7:43

Instrument :

BNA_F

ClientSampled :

E2-HS5-SSW

Tot Ion:240 Resp: 178027
Ion Ratio Lower Upper

240 100

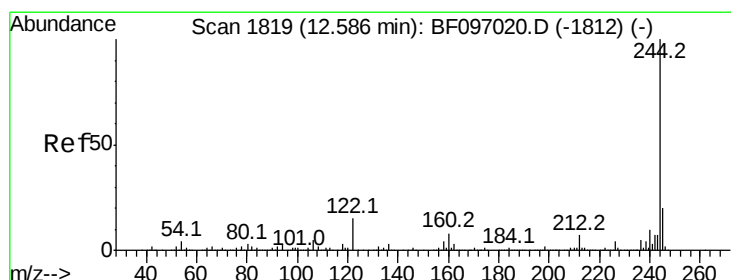
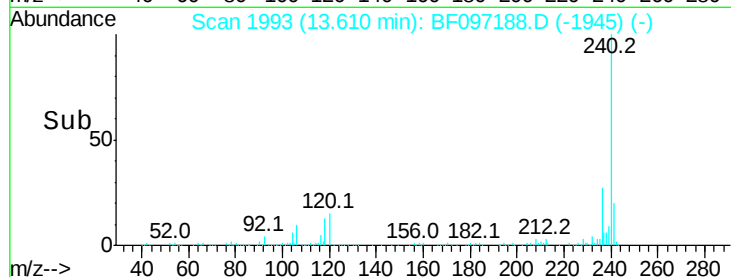
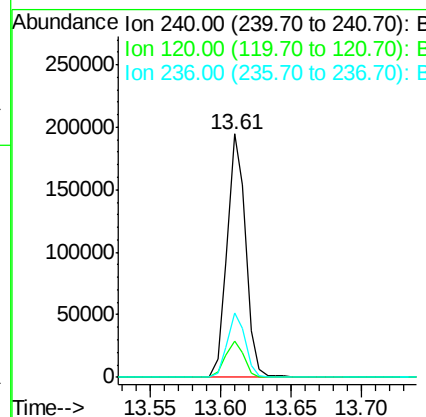
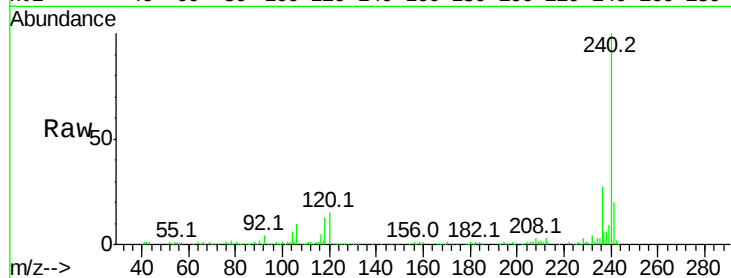
120 15.1 5.8 8.8#

236 26.7 20.5 30.7

Manual Integrations
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#78

Terphenyl-d14

Concen: 32.610 ng

RT: 12.57 min Scan# 1816

Delta R.T. -0.02 min

Lab File: BF097188.D

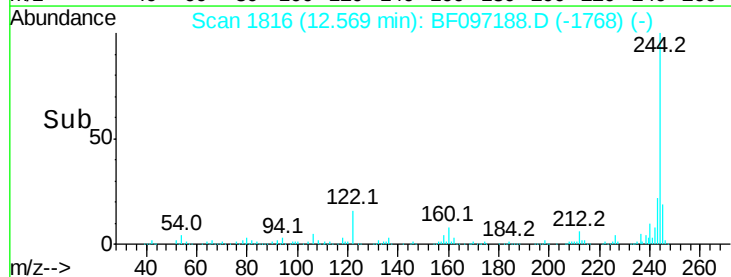
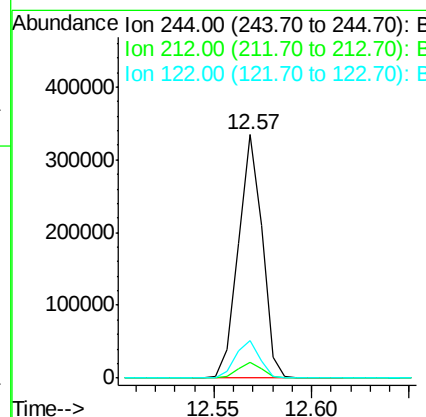
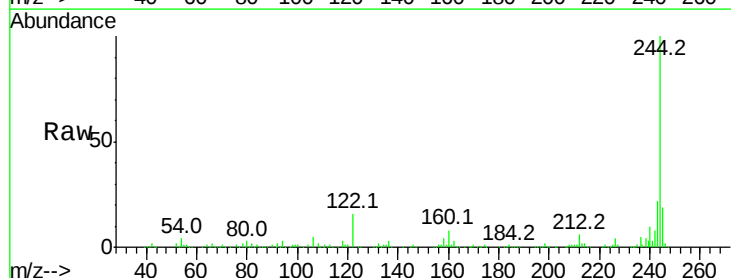
Acq: 29 Jul 2017 7:43

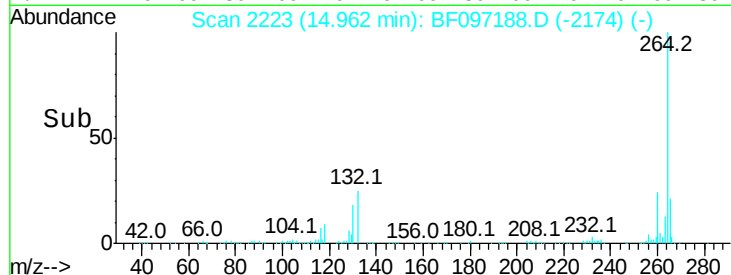
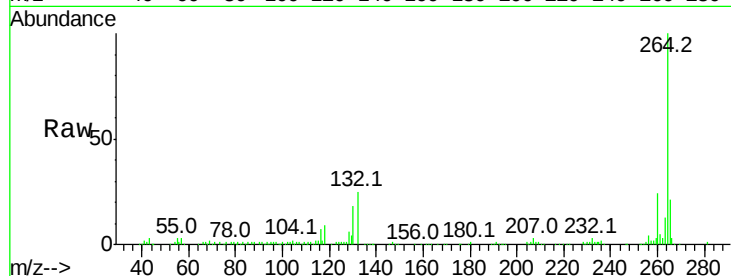
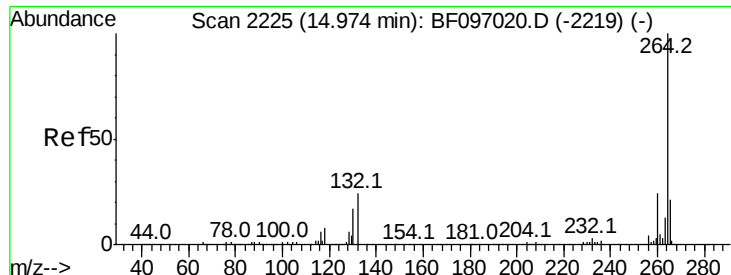
Tgt Ion:244 Resp: 284744
Ion Ratio Lower Upper

244 100

212 6.2 6.0 9.0

122 15.7 10.3 15.5#





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 14.96 min Scan# 2223
 Delta R.T. -0.01 min
 Lab File: BF097188.D
 Acq: 29 Jul 2017 7:43

Instrument :
 BNA_F
 ClientSampleId :
 E2-HS5-SSW

Tot Ion:	264	Resp:	130065
Ion Ratio	Lower	Upper	
264	100		
260	24.0	19.5	29.3
265	21.1	17.2	25.8

Manual Integrations
 APPROVED

Sohil
 7/31/2017 6:53:04 PM

