

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032917\
 Data File : BF094025.D
 Acq On : 29 Mar 2017 18:22
 Operator : SJ/MA
 Sample : I2443-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-Q14-BASE

Manual Integrations
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Quant Time: Mar 30 03:50:09 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 27 16:10:49 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.92	152	165621	20.00	ng	-0.04
21) Naphthalene-d8	7.42	136	688605	20.00	ng	-0.04
38) Acenaphthene-d10	9.56	164	321272	20.00	ng	-0.04
63) Phenanthrene-d10	11.39	188	572972	20.00	ng	-0.04
75) Chrysene-d12	14.64	240	474785	20.00	ng	-0.04
86) Perylene-d12	16.27	264	339468	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	4.46	112	1047970	106.87	ng	-0.02
7) Phenol-d6	5.52	99	1324150	109.16	ng	-0.03
23) Nitrobenzene-d5	6.57	82	831722	68.93	ng	-0.04
41) 2,4,6-Tribromophenol	10.53	330	296221	116.68	ng	-0.04
44) 2-Fluorobiphenyl	8.75	172	1470998	69.84	ng	-0.04
78) Terphenyl-d14	13.37	244	1210177	57.13	ng	-0.04
Target Compounds						Qvalue
49) Dimethylphthalate	9.24	163	123667	5.42	ng	98
77) Pyrene	13.15	202	69976	2.03	ng	96
87) Benzo(b)fluoranthene	15.86	252	46374m	2.23	ng	

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

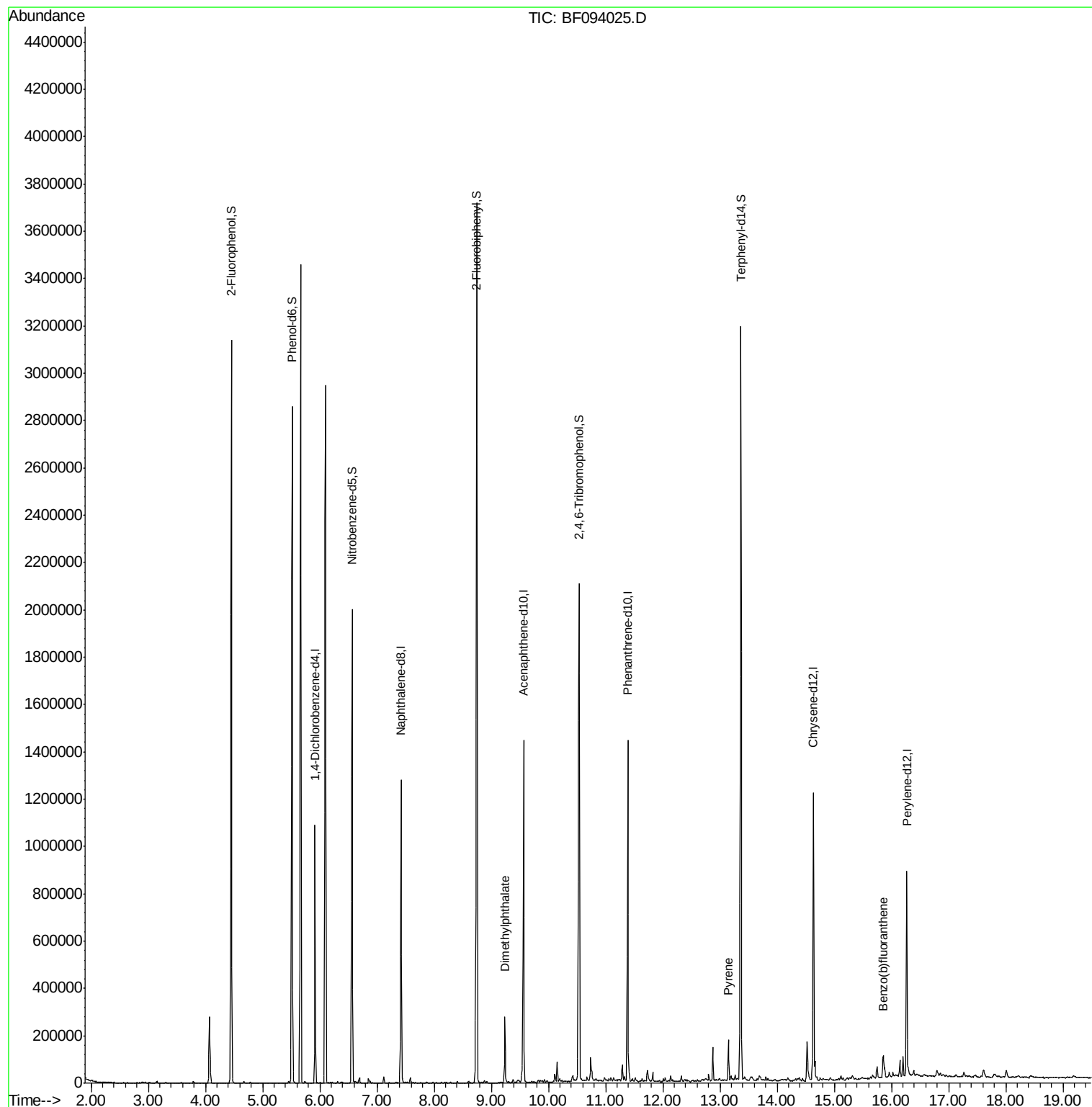
Data Path : Z:\HPCHEM1\BNA F\DATA\BF032917\
Data File : BF094025.D
Acq On : 29 Mar 2017 18:22
Operator : SJ/MA
Sample : I2443-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

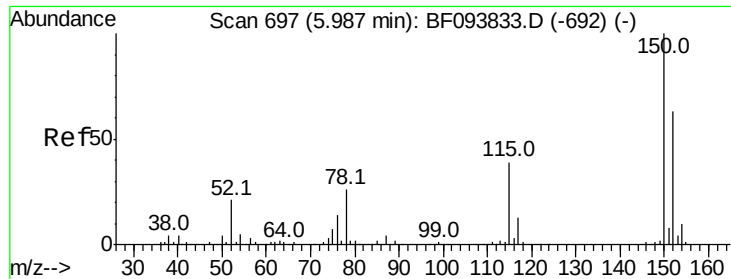
Instrument :
BNA_F
ClientSampleId :
E2-Q14-BASE

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#1

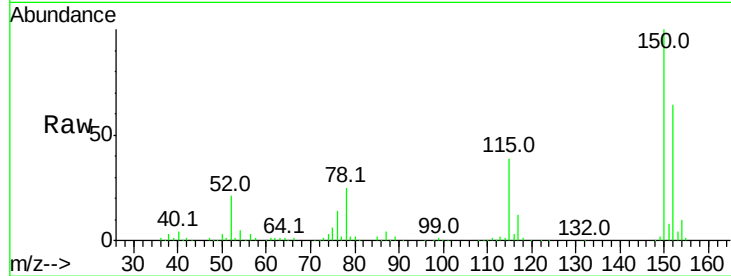
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.92 min Scan# 685
Delta R.T. -0.04 min
Lab File: BF094025.D
Acq: 29 Mar 2017 18:22

Instrument :
BNA_F
ClientSampleId :
E2-Q14-BASE

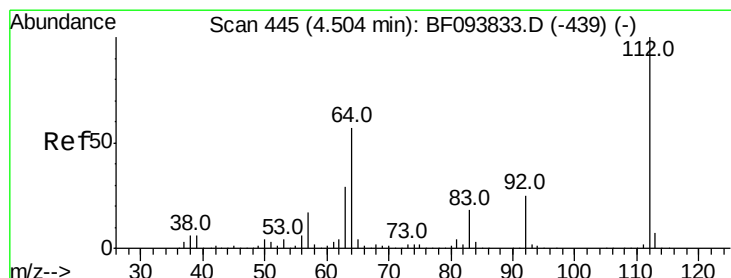
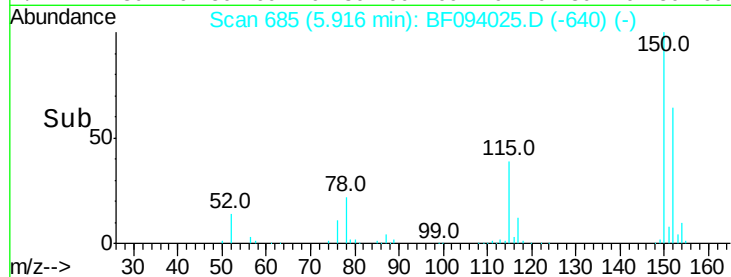
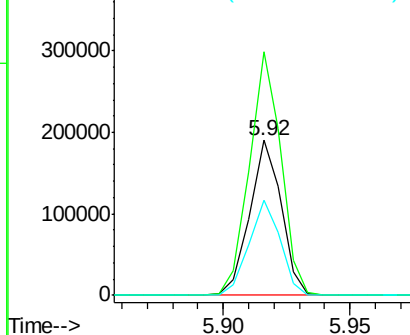
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.3	126.2	189.2
115	61.8	52.2	78.2

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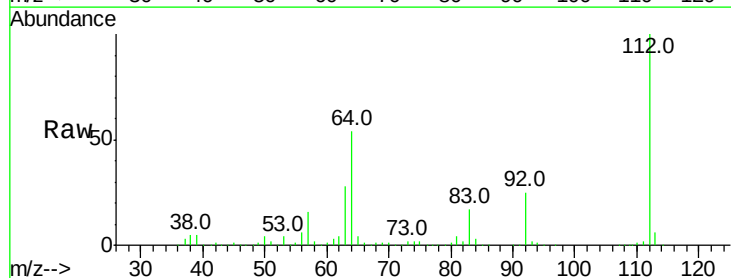
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



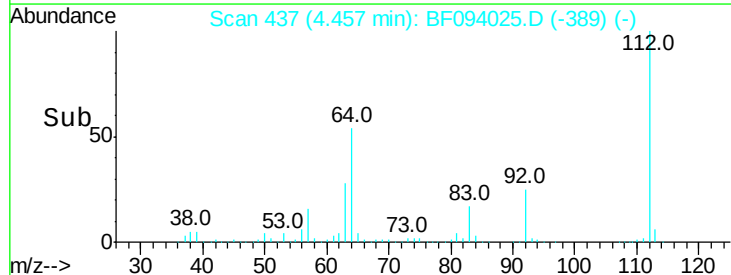
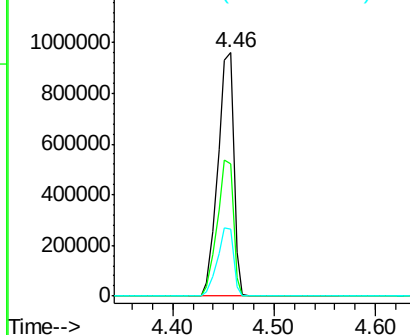
#5

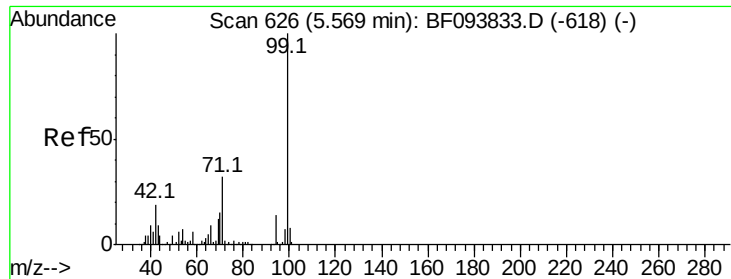
2-Fluorophenol
Concen: 106.87 ng
RT: 4.46 min Scan# 437
Delta R.T. -0.02 min
Lab File: BF094025.D
Acq: 29 Mar 2017 18:22

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.1	46.0	69.0
63	27.6	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: 109.16 ng

RT: 5.52 min Scan# 618

Delta R.T. -0.03 min

Lab File: BF094025.D

Acq: 29 Mar 2017 18:22

Instrument :

BNA_F

ClientSampleId :

E2-Q14-BASE

Tot Ion: 99 Resp: 1324150

Ion Ratio Lower Upper

99 100

42 16.9 13.5 20.3

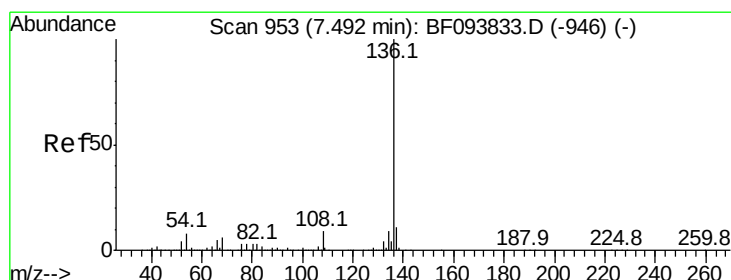
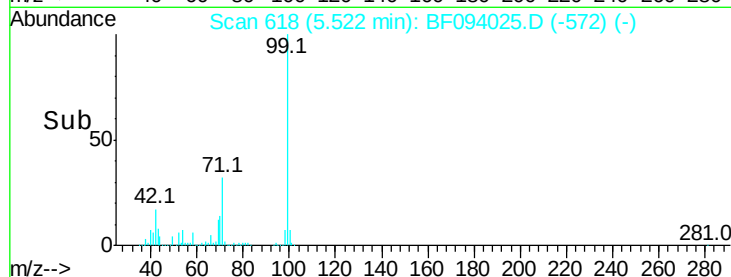
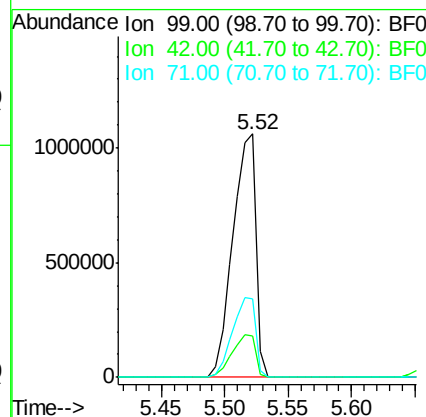
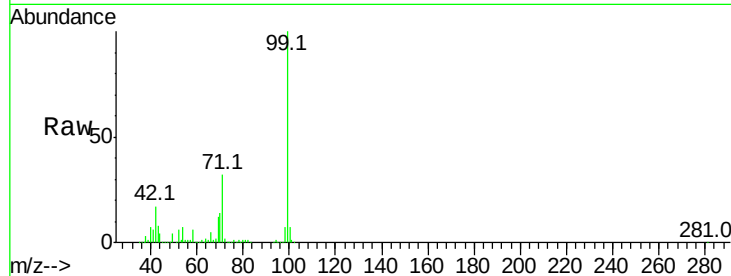
71 32.4 24.5 36.7

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#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.42 min Scan# 941

Delta R.T. -0.04 min

Lab File: BF094025.D

Acq: 29 Mar 2017 18:22

Tgt Ion: 136 Resp: 688605

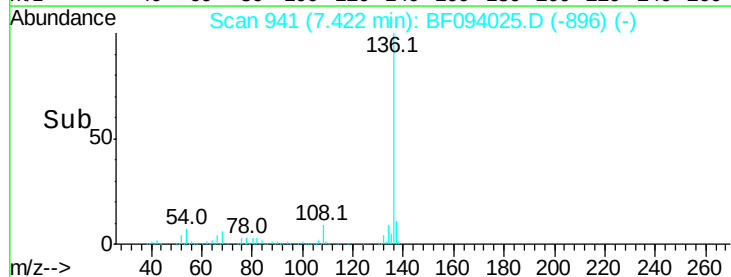
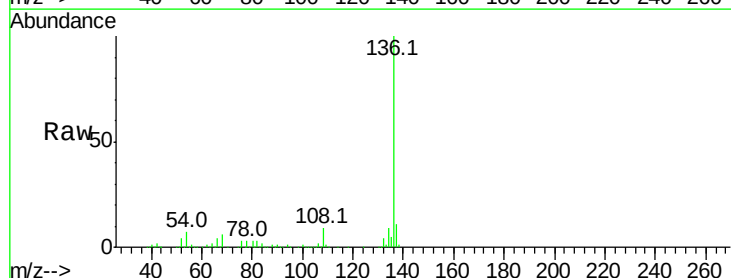
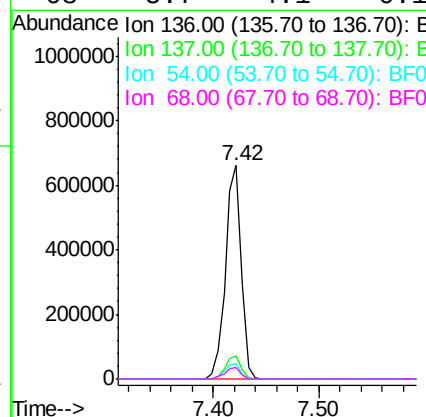
Ion Ratio Lower Upper

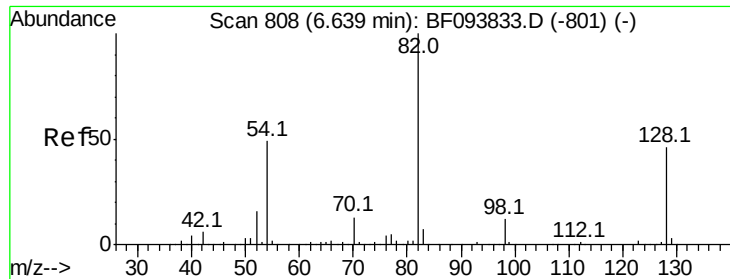
136 100

137 11.0 8.5 12.7

54 7.0 4.9 7.3

68 5.7 4.1 6.1





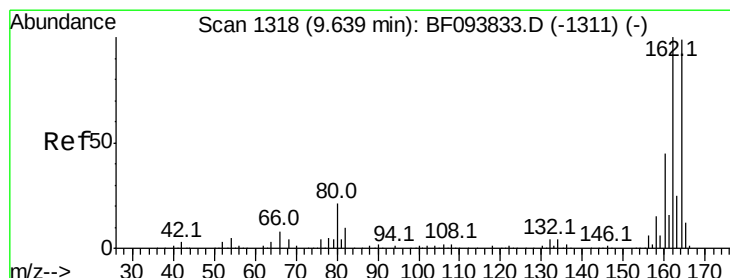
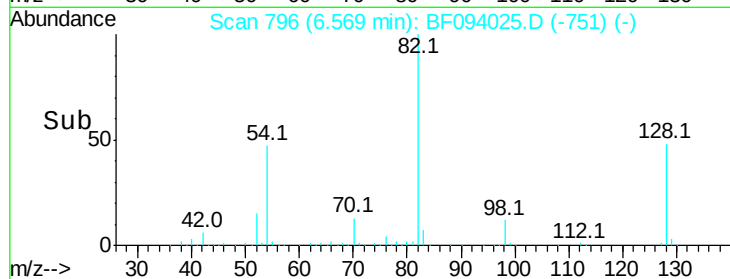
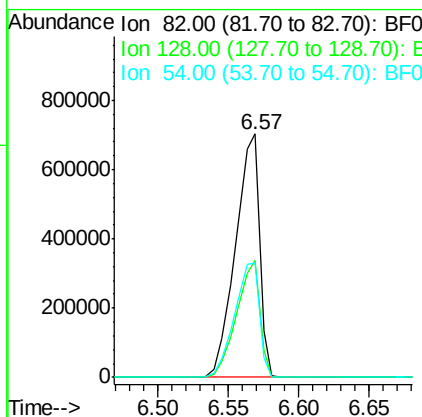
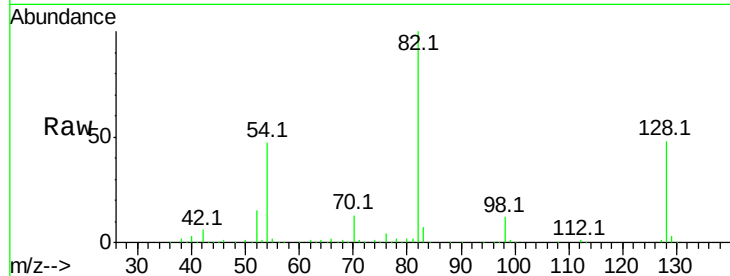
#23
 Nitrobenzene-d5
 Concen: 68.93 ng
 RT: 6.57 min Scan# 796
 Delta R.T. -0.04 min
 Lab File: BF094025.D
 Acq: 29 Mar 2017 18:22

Instrument :
 BNA_F
 ClientSampleId :
 E2-Q14-BASE

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.8	34.0	51.0
54	47.0	42.2	63.2

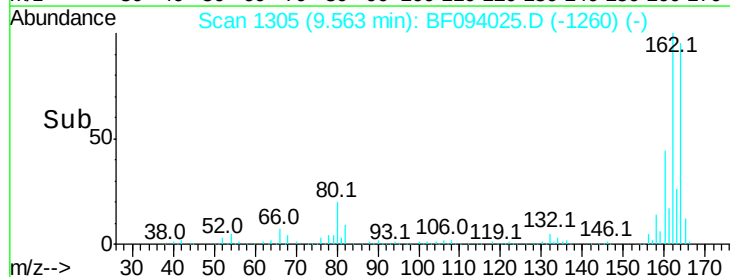
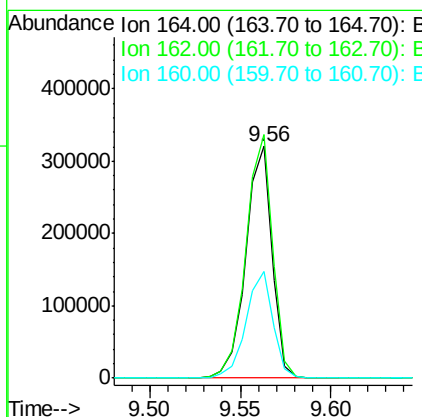
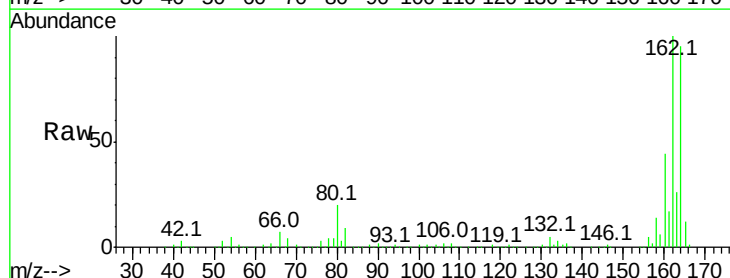
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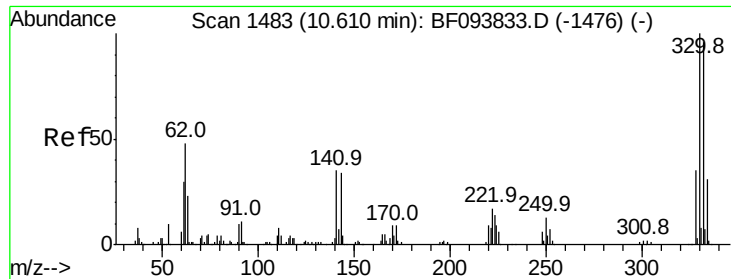
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.56 min Scan# 1305
 Delta R.T. -0.04 min
 Lab File: BF094025.D
 Acq: 29 Mar 2017 18:22

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.0	82.6	123.8
160	46.0	36.2	54.2





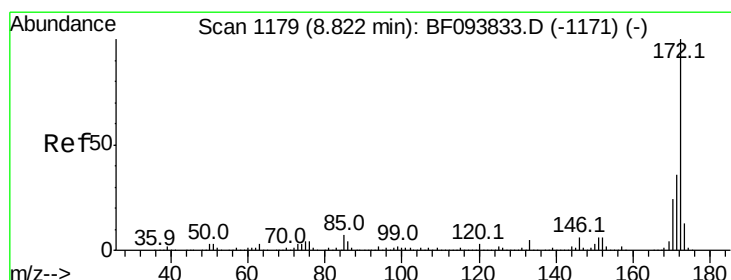
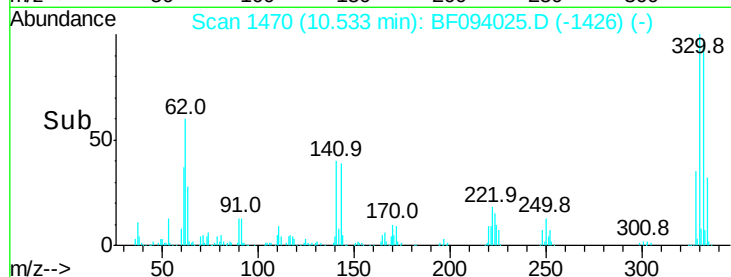
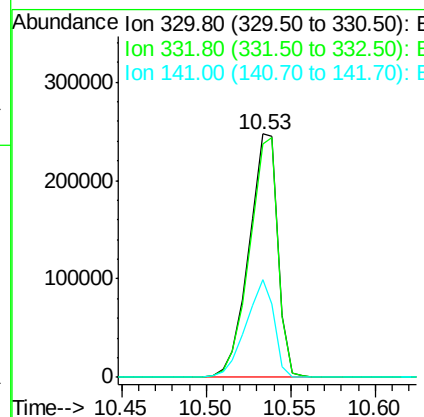
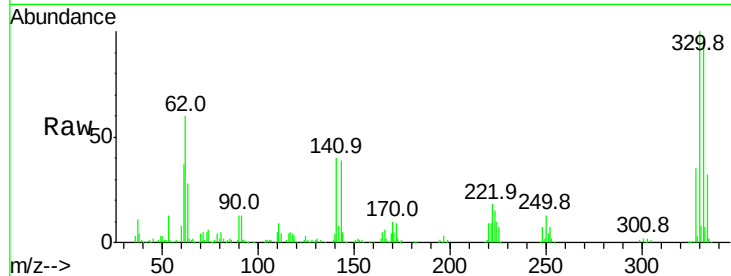
#41
 2,4,6-Tribromophenol
 Concen: 116.68 ng
 RT: 10.53 min Scan# 1470
 Delta R.T. -0.04 min
 Lab File: BF094025.D
 Acq: 29 Mar 2017 18:22

Instrument :
 BNA_F
 ClientSampleId :
 E2-Q14-BASE

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	76.6	115.0
141	39.0	31.4	47.2

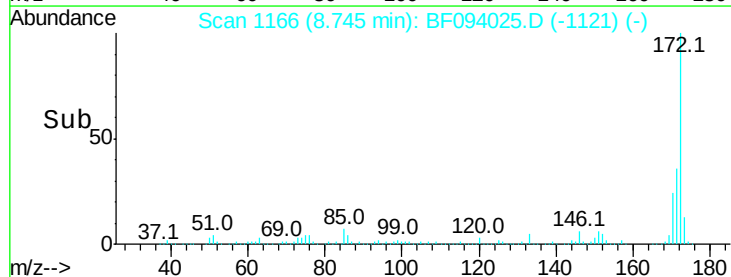
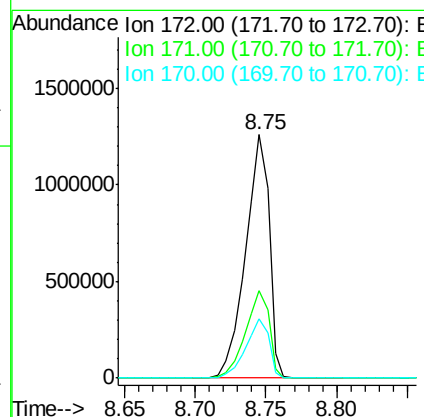
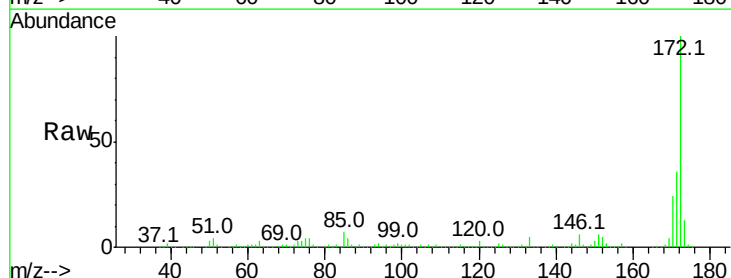
Manual Integrations
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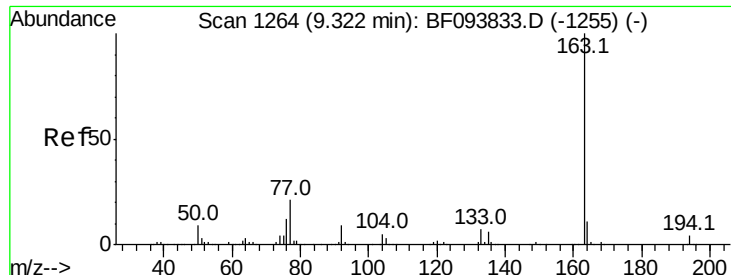
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#44
 2-Fluorobiphenyl
 Concen: 69.84 ng
 RT: 8.75 min Scan# 1166
 Delta R.T. -0.04 min
 Lab File: BF094025.D
 Acq: 29 Mar 2017 18:22

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.6	44.4
170	24.3	19.8	29.8





#49

Dimethylphthalate

Concen: 5.42 ng

RT: 9.24 min Scan# 1250

Delta R.T. -0.05 min

Lab File: BF094025.D

Acq: 29 Mar 2017 18:22

Instrument :

BNA_F

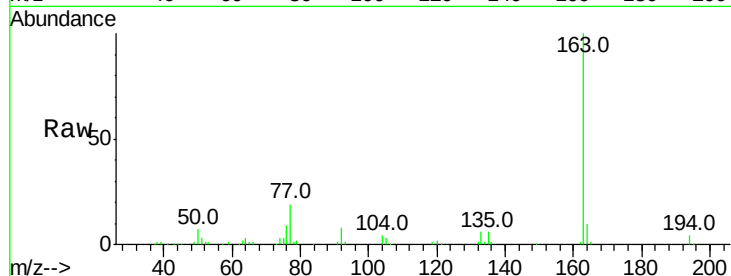
ClientSampleId :

E2-Q14-BASE

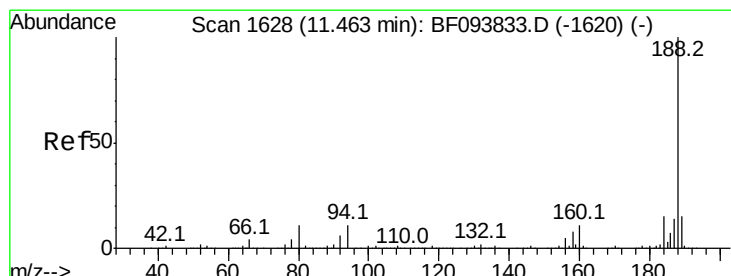
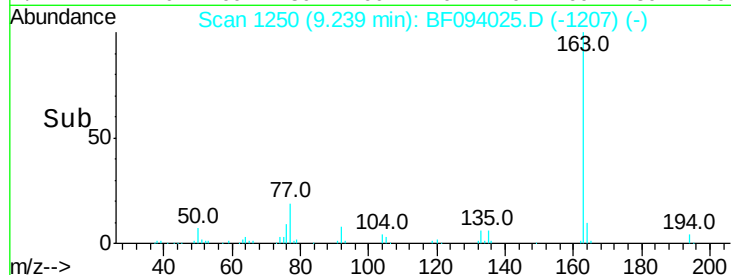
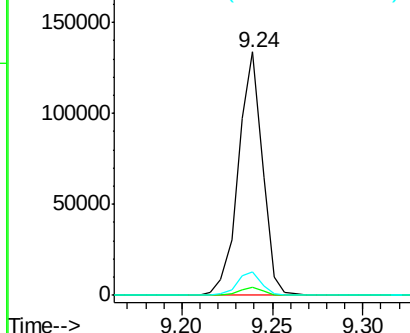
Tot Ion:	163	Resp:	123667
Ion Ratio	Lower	Upper	
163	100		
194	3.5	2.6	4.0
164	9.6	8.4	12.6

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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: 20.00 ng

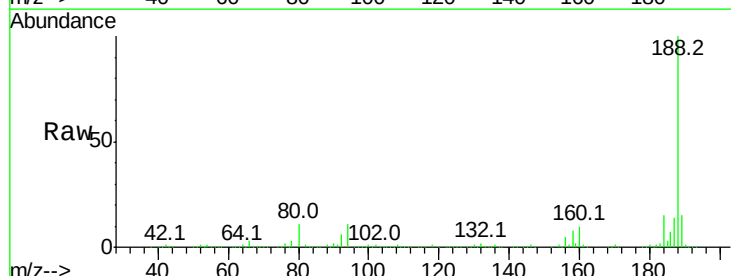
RT: 11.39 min Scan# 1615

Delta R.T. -0.04 min

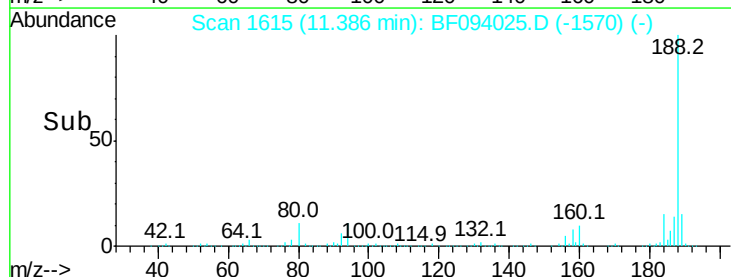
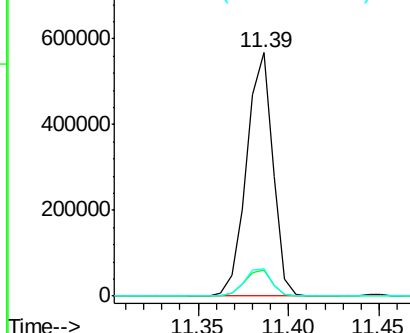
Lab File: BF094025.D

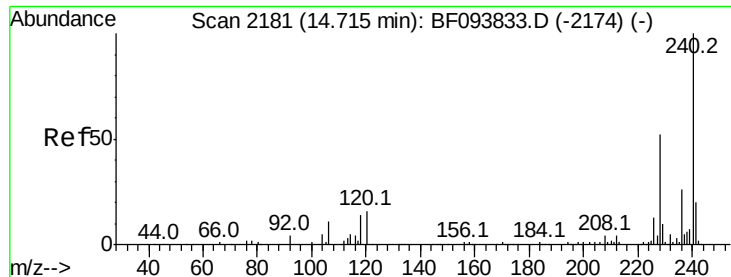
Acq: 29 Mar 2017 18:22

Tgt Ion:	188	Resp:	572972
Ion Ratio	Lower	Upper	
188	100		
94	10.6	9.4	14.2
80	11.1	10.2	15.2



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.64 min Scan# 2168

Delta R.T. -0.04 min

Lab File: BF094025.D

Acq: 29 Mar 2017 18:22

Instrument :

BNA_F

ClientSampleId :

E2-Q14-BASE

Tot Ion:240 Resp: 474785

Ion Ratio Lower Upper

240 100

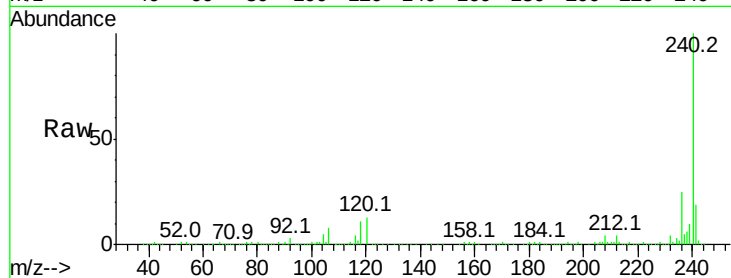
120 13.4 5.8 8.8#

236 25.4 20.5 30.7

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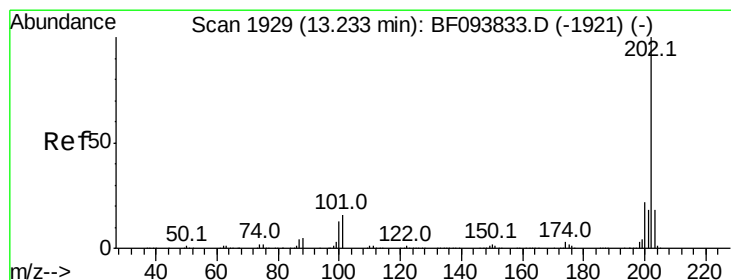
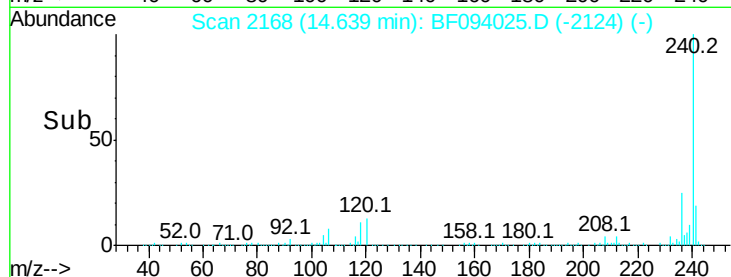
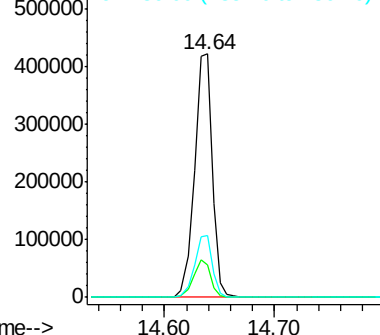
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 2.03 ng

RT: 13.15 min Scan# 1915

Delta R.T. -0.05 min

Lab File: BF094025.D

Acq: 29 Mar 2017 18:22

Tgt Ion:202 Resp: 69976

Ion Ratio Lower Upper

202 100

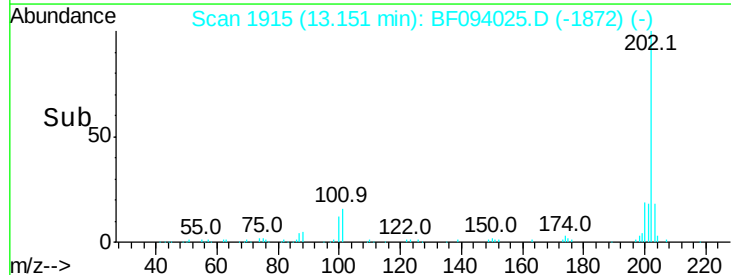
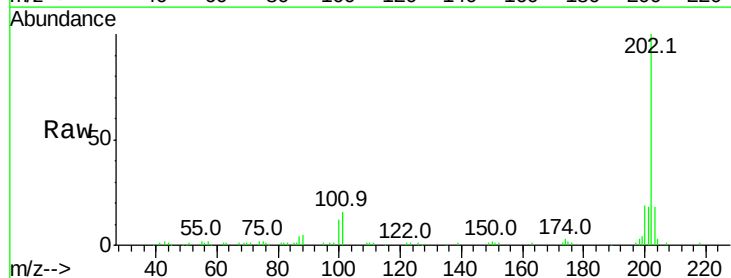
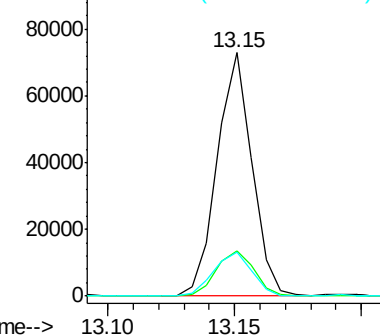
200 18.7 17.6 26.4

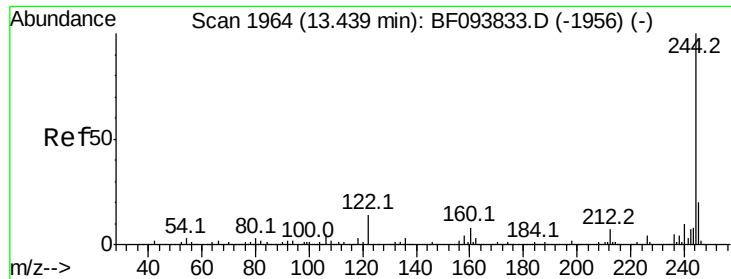
203 17.8 14.4 21.6

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





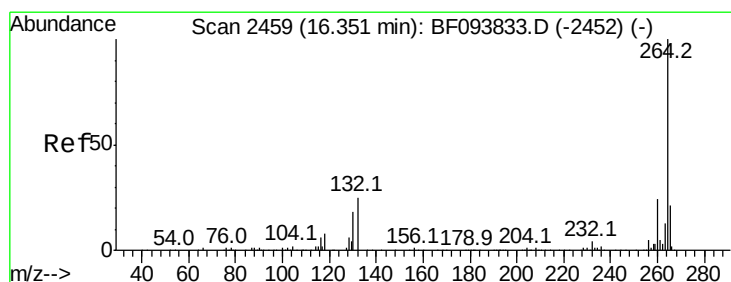
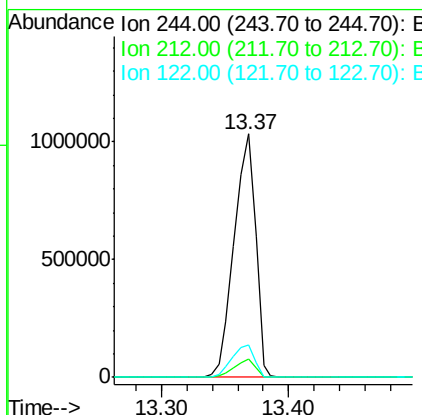
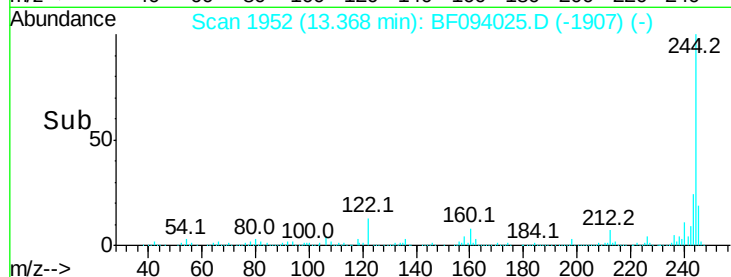
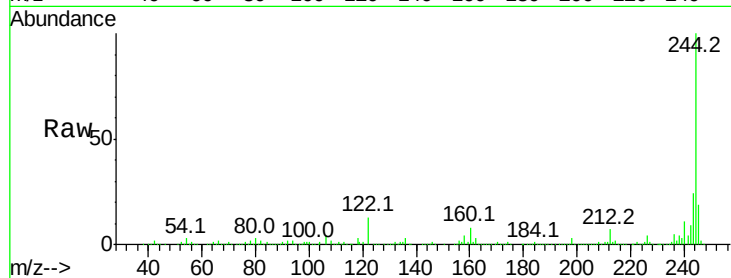
#78
 Terphenyl-d14
 Concen: 57.13 ng
 RT: 13.37 min Scan# 1952
 Delta R.T. -0.04 min
 Lab File: BF094025.D
 Acq: 29 Mar 2017 18:22

Instrument :
 BNA_F
 ClientSampleId :
 E2-Q14-BASE

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.0	9.0
122	13.3	10.3	15.5

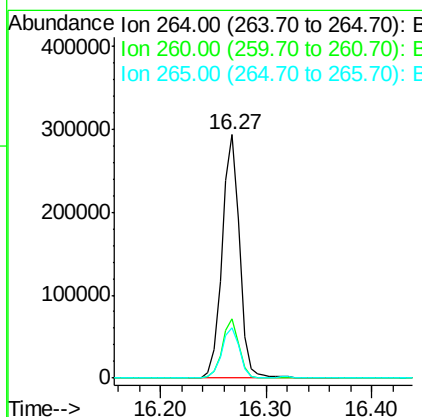
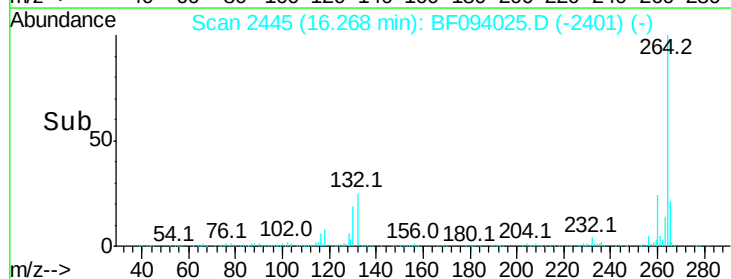
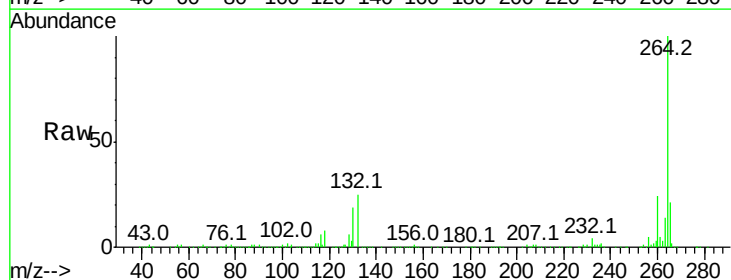
Manual Integrations
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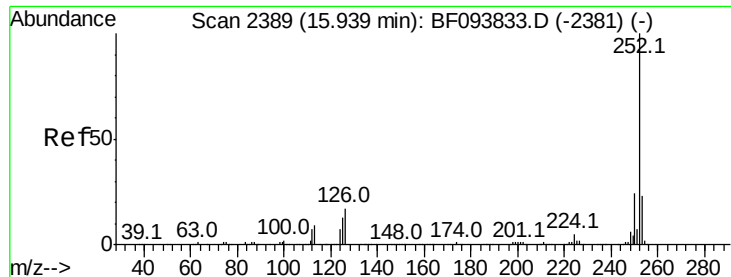
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.27 min Scan# 2445
 Delta R.T. -0.04 min
 Lab File: BF094025.D
 Acq: 29 Mar 2017 18:22

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.5	29.3
265	20.9	17.2	25.8





#87
 Benzo(b)fluoranthene
 Concen: 2.23 ng m
 RT: 15.86 min Scan# 2375
 Delta R.T. -0.04 min
 Lab File: BF094025.D
 Acq: 29 Mar 2017 18:22

Instrument :
 BNA_F
 ClientSampleId :
 E2-Q14-BASE

Tot Ion:	252	Resp:	46374
Ion Ratio	Lower	Upper	
252	100		
253	21.4	18.1	27.1
125	13.5	9.8	14.8

Manual Integrations
 APPROVED

mohammad
 3/30/2017 2:31:34 PM

