

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022217\
 Data File : BF093095.D
 Acq On : 23 Feb 2017 00:23
 Operator : SJ/MA
 Sample : I1931-11
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P-7

Manual Integrations
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Quant Time: Feb 23 00:57:00 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 17 17:31:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	159310	20.00	ng	-0.01
21) Naphthalene-d8	8.13	136	640450	20.00	ng	-0.01
38) Acenaphthene-d10	9.87	164	296614	20.00	ng	-0.02
63) Phenanthrene-d10	11.36	188	569009	20.00	ng	-0.02
75) Chrysene-d12	13.99	240	400834	20.00	ng	-0.03
86) Perylene-d12	15.41	264	296168	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	2424	0.26	ng	0.01
7) Phenol-d6	6.48	99	163182	13.66	ng	-0.01
23) Nitrobenzene-d5	7.41	82	949518	82.56	ng	-0.01
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	9.21	172	1580964	96.56	ng	-0.01
78) Terphenyl-d14	12.95	244	1393218	81.67	ng	-0.02
Target Compounds						
49) Dimethylphthalate	9.60	163	374443	18.74	ng	99
70) Phenanthrene	11.38	178	133085	4.08	ng	97
74) Fluoranthene	12.57	202	142931	4.25	ng	92
77) Pyrene	12.80	202	111509	3.72	ng	99
87) Benzo(b)fluoranthene	15.00	252	41555m	2.13	ng	

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

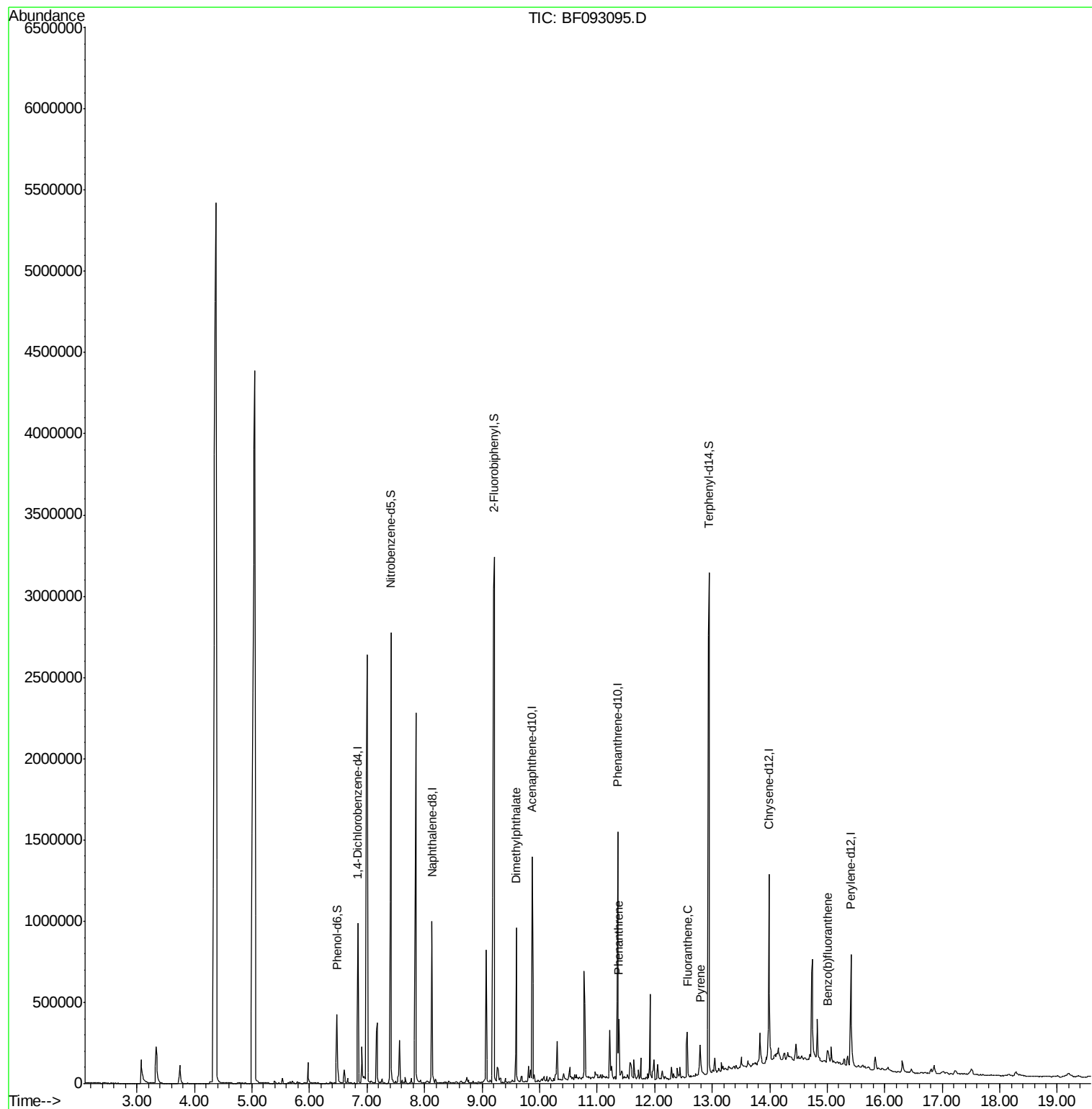
Data Path : Z:\HPCHEM1\BNA F\DATA\BF022217\
Data File : BF093095.D
Acq On : 23 Feb 2017 00:23
Operator : SJ/MA
Sample : I1931-11
Misc :
ALS Vial : 23 Sample Multiplier: 1

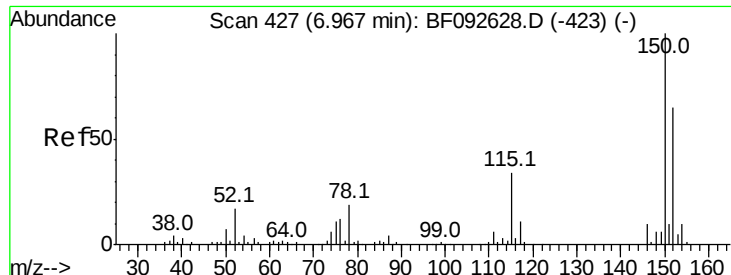
Instrument :
BNA_F
ClientSampleId :
P-7

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Quant Time: Feb 23 00:57:00 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 17 17:31:55 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.84 min Scan# 416

Delta R.T. -0.01 min

Lab File: BF093095.D

Acq: 23 Feb 2017 00:23

Instrument :

BNA_F

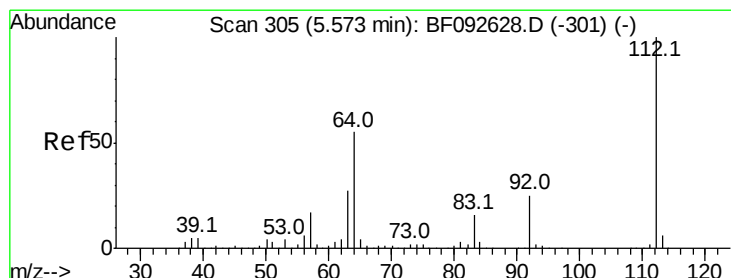
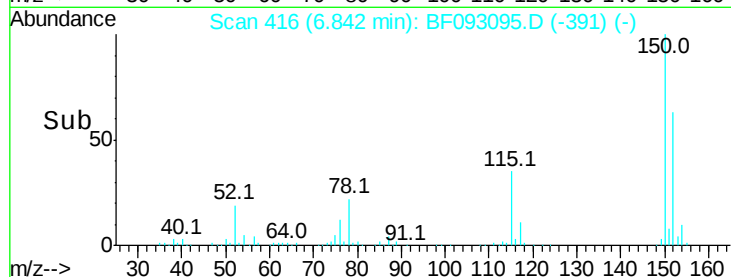
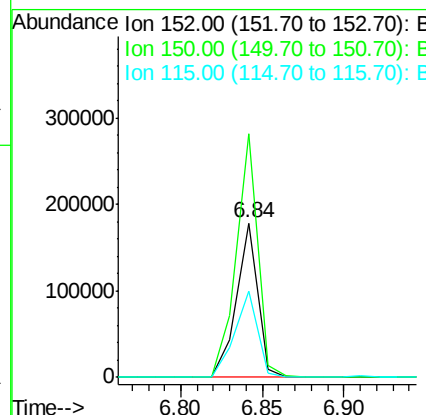
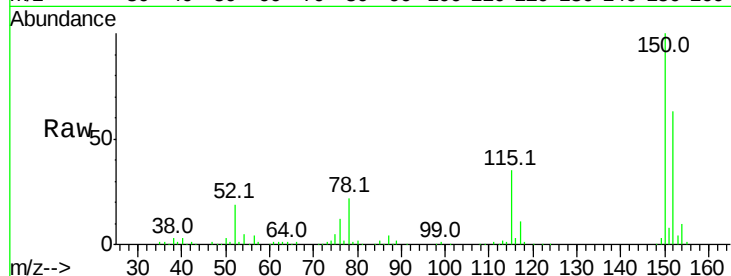
ClientSampled :

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Tot Ion:	152	Resp:	159310
Ion Ratio	Lower	Upper	
152	100		
150	157.7	124.9	187.3
115	55.5	46.0	69.0

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#5

2-Fluorophenol

Concen: 0.26 ng

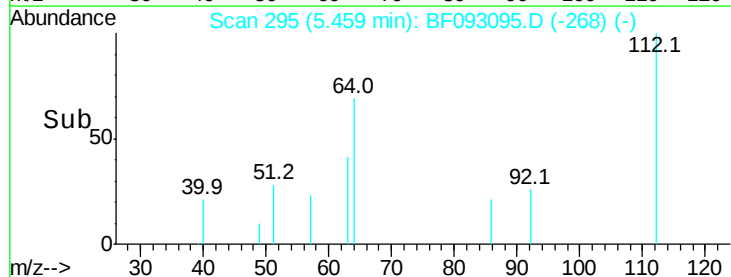
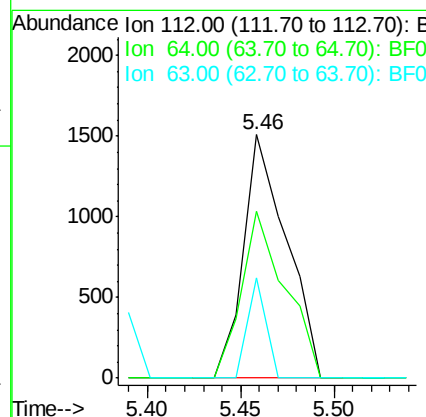
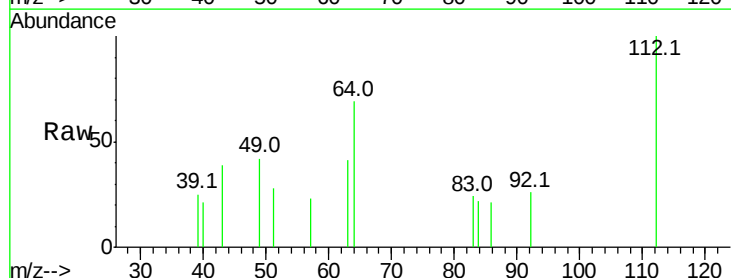
RT: 5.46 min Scan# 295

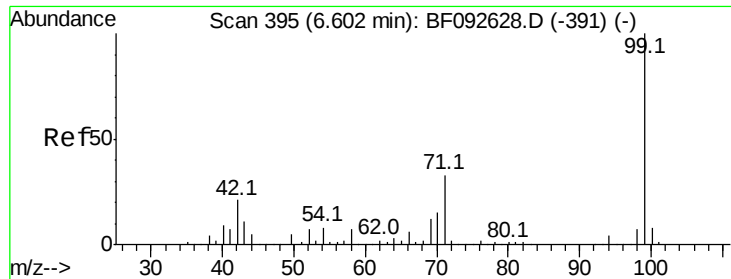
Delta R.T. 0.01 min

Lab File: BF093095.D

Acq: 23 Feb 2017 00:23

Tgt Ion:	112	Resp:	2424
Ion Ratio	Lower	Upper	
112	100		
64	68.7	46.1	69.1
63	41.4	23.8	35.6#





#7

Phenol-d6

Concen: 13.66 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.01 min

Lab File: BF093095.D

Acq: 23 Feb 2017 00:23

Instrument :

BNA_F

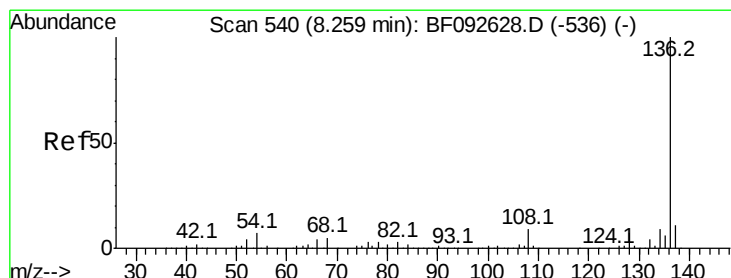
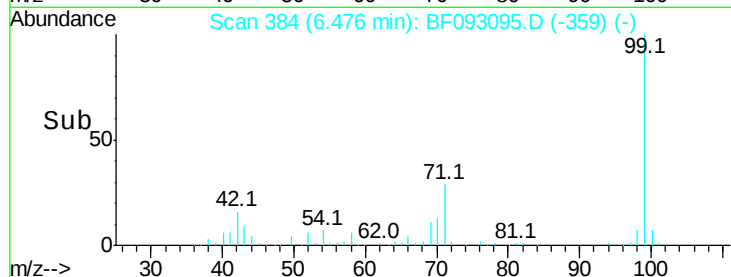
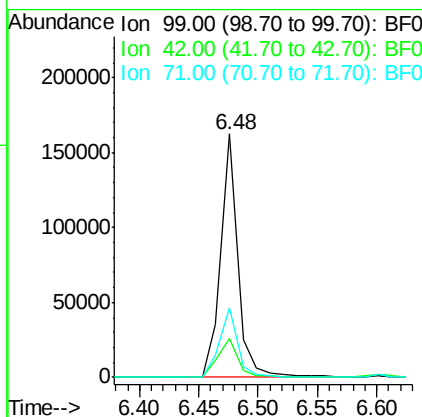
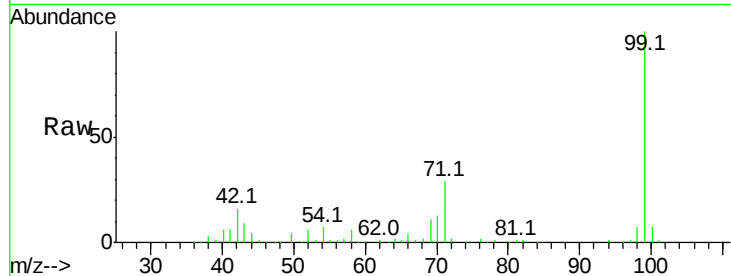
ClientSampleId :

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Tot Ion:	99	Resp:	163182
Ion Ratio	Lower	Upper	
99	100		
42	16.1	15.6	23.4
71	28.8	27.5	41.3

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#21

Naphthalene-d8

Concen: 20.00 ng

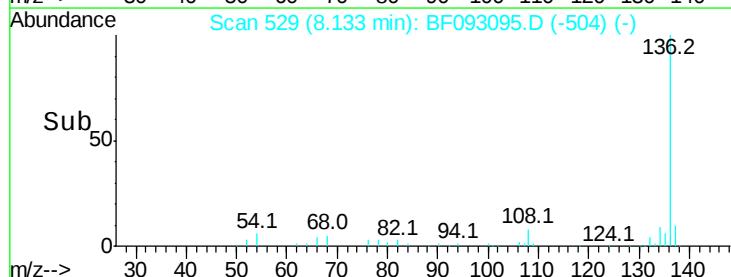
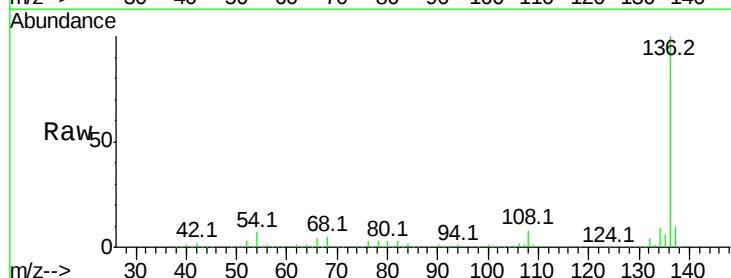
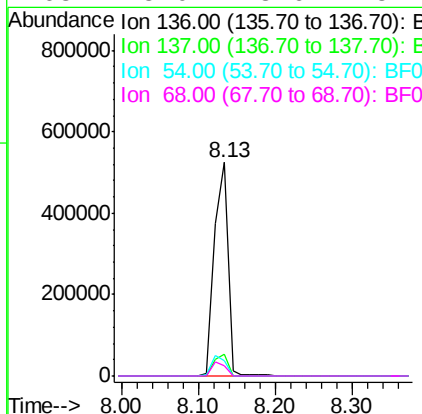
RT: 8.13 min Scan# 529

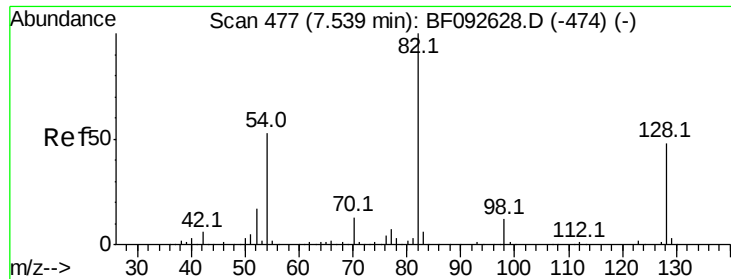
Delta R.T. -0.01 min

Lab File: BF093095.D

Acq: 23 Feb 2017 00:23

Tgt Ion:	136	Resp:	640450
Ion Ratio	Lower	Upper	
136	100		
137	10.3	8.4	12.6
54	7.1	4.5	6.7#
68	5.0	3.6	5.4





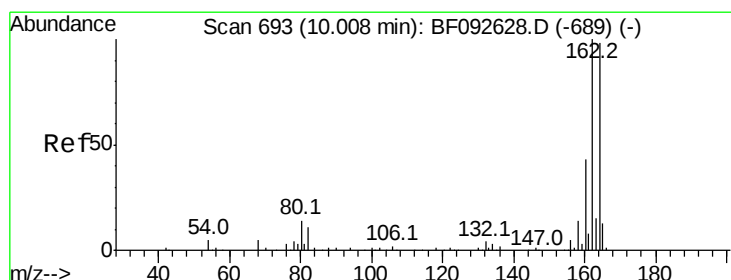
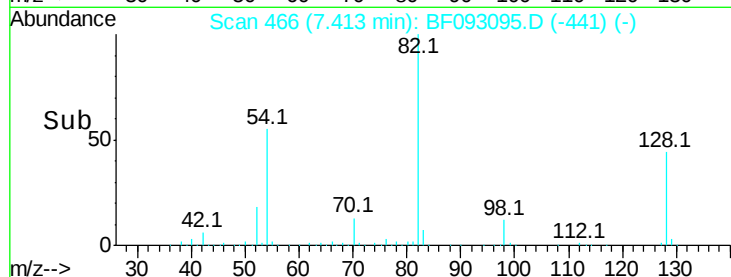
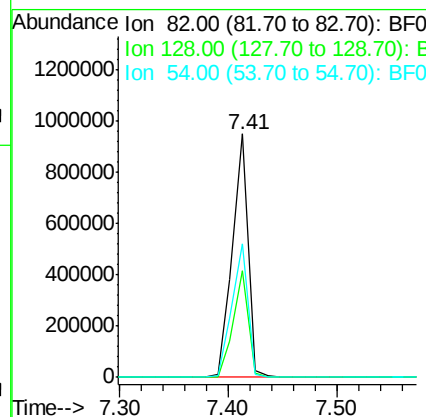
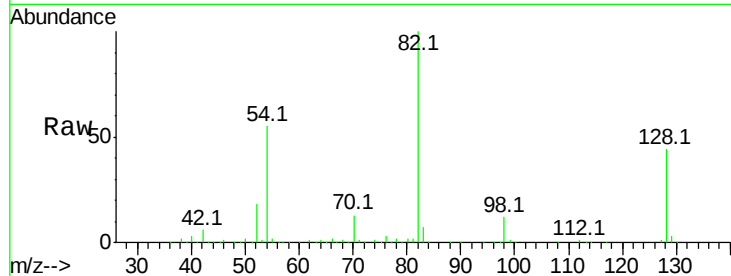
#23
 Nitrobenzene-d5
 Concen: 82.56 ng
 RT: 7.41 min Scan# 466
 Delta R.T. -0.01 min
 Lab File: BF093095.D
 Acq: 23 Feb 2017 00:23

Instrument :
 BNA_F
 ClientSampleID :
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Tot Ion	Ratio	Lower	Upper
82	100		
128	43.8	34.6	52.0
54	55.0	39.5	59.3

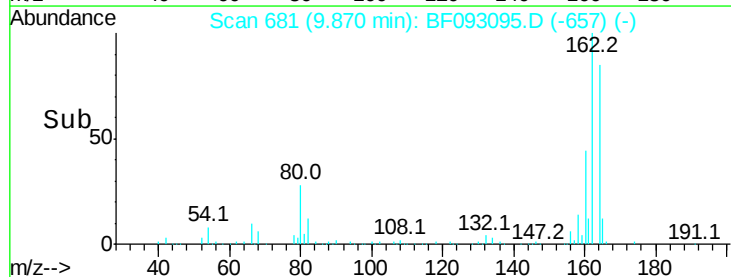
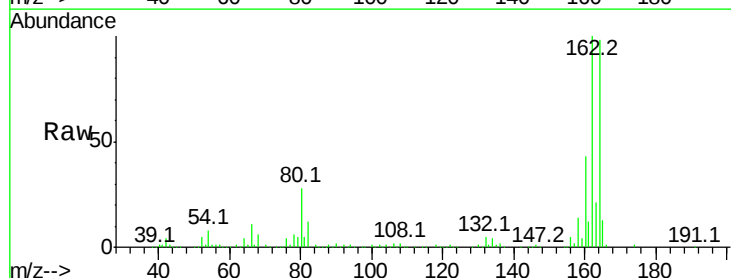
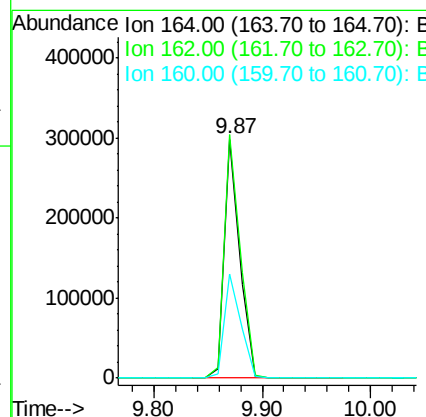
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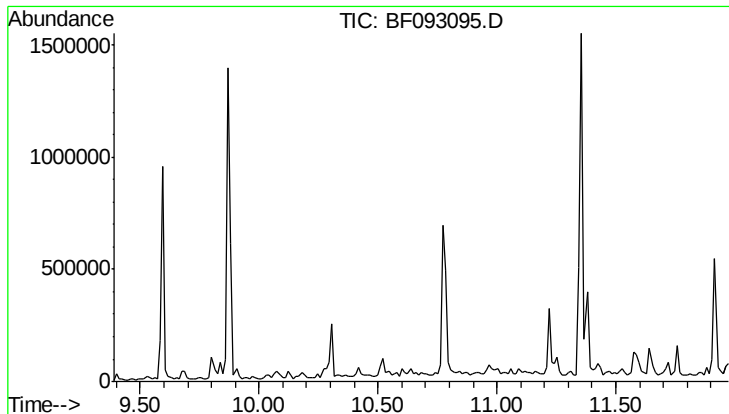
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.87 min Scan# 681
 Delta R.T. -0.02 min
 Lab File: BF093095.D
 Acq: 23 Feb 2017 00:23

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.8	80.2	120.2
160	43.6	36.9	55.3





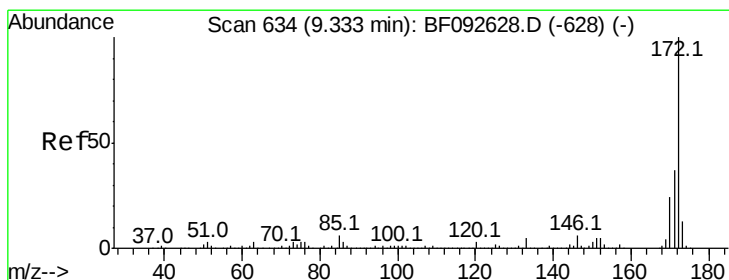
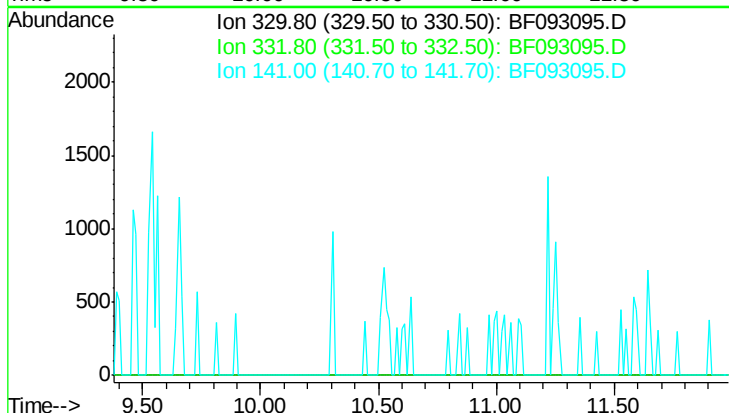
#41
 2,4,6-Tribromophenol
 Concen: 0.00 ng
 Expected RT: 10.68 min
 Lab File: BF093095.D
 Acq: 23 Feb 2017 00:23

Tot Ion	330	332	141
Exp Ratio	100	96.8	42.6

Instrument :
 BNA_F
 ClientSampleId :
 P-7

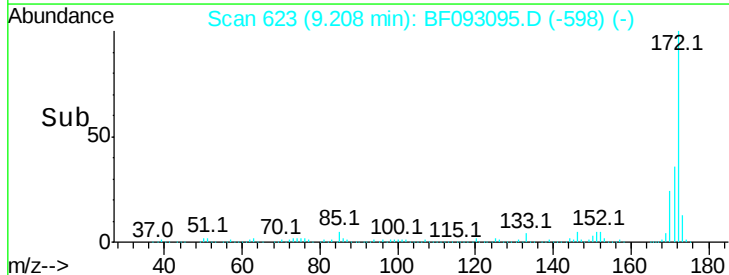
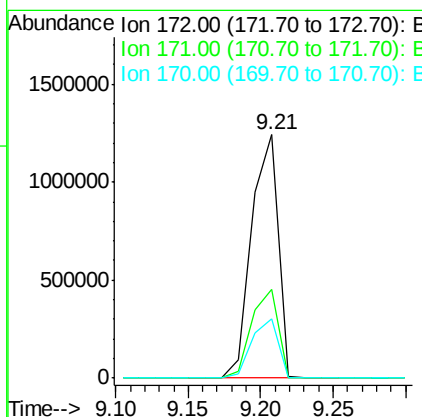
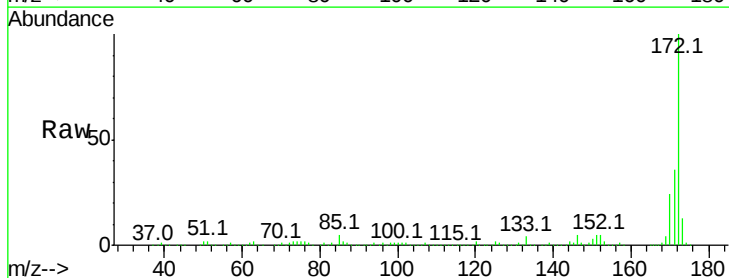
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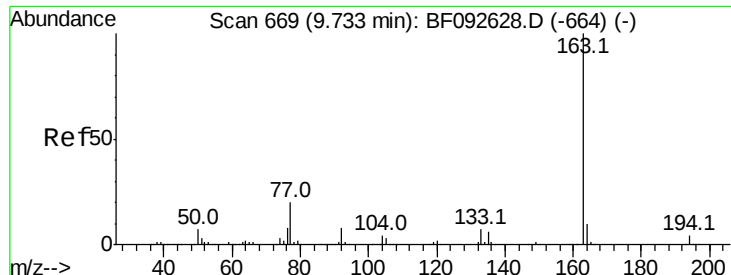
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#44
 2-Fluorobiphenyl
 Concen: 96.56 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.01 min
 Lab File: BF093095.D
 Acq: 23 Feb 2017 00:23

Tgt Ion	172	171	170
Resp	1580964	36.3	24.1
Ratio	100	29.4	20.2
Lower		44.0	30.4
Upper			





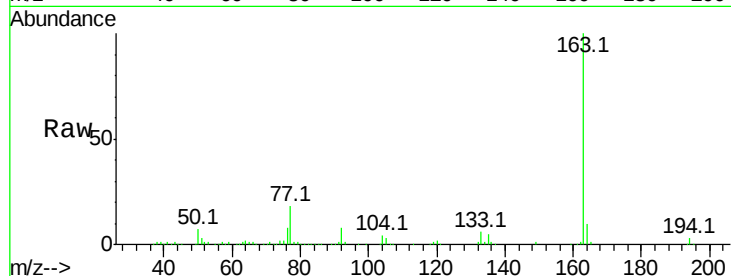
#49
Dimethylphthalate
Concen: 18.74 ng
RT: 9.60 min Scan# 657
Delta R.T. -0.02 min
Lab File: BF093095.D
Acq: 23 Feb 2017 00:23

Instrument :
BNA_F
ClientSampleId :
P-7

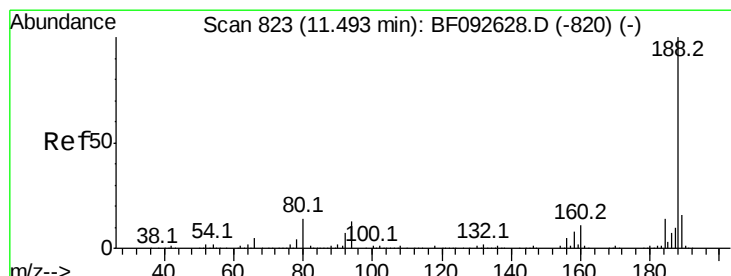
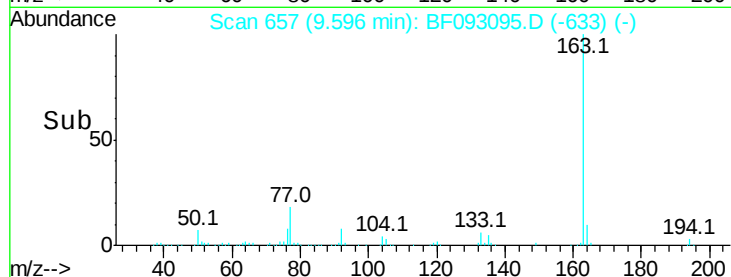
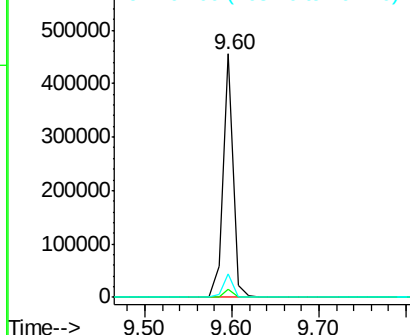
Tot Ion	Ratio	Resp	Lower	Upper
163	100	374443		
194	3.5		3.0	4.4
164	9.7		8.0	12.0

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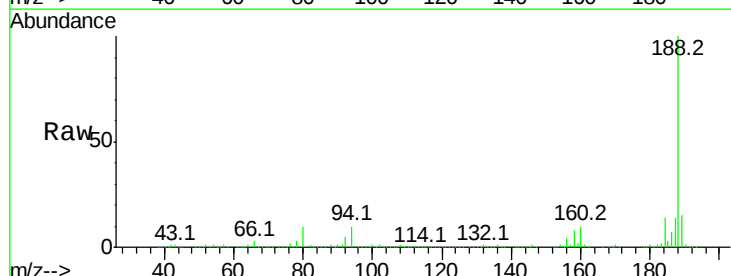


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

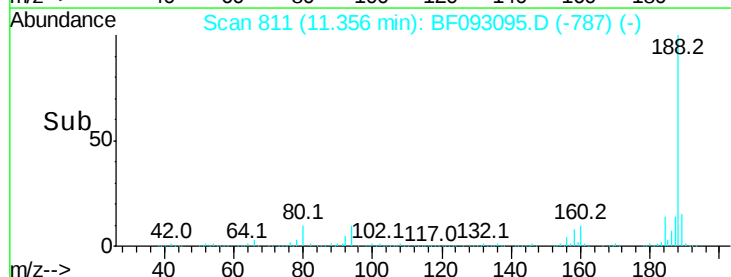
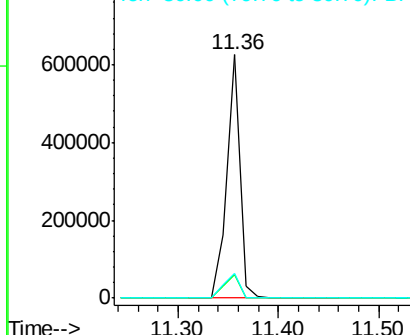


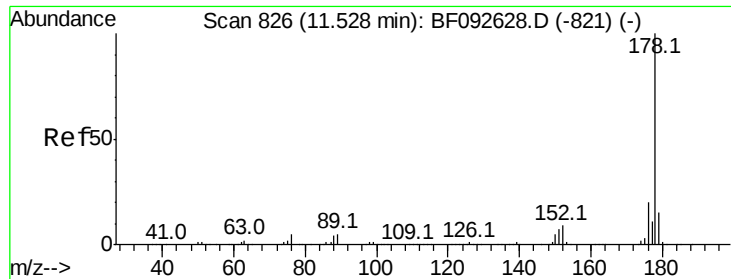
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 811
Delta R.T. -0.02 min
Lab File: BF093095.D
Acq: 23 Feb 2017 00:23

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	569009		
94	9.7		10.0	15.0#
80	10.0		11.2	16.8#



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





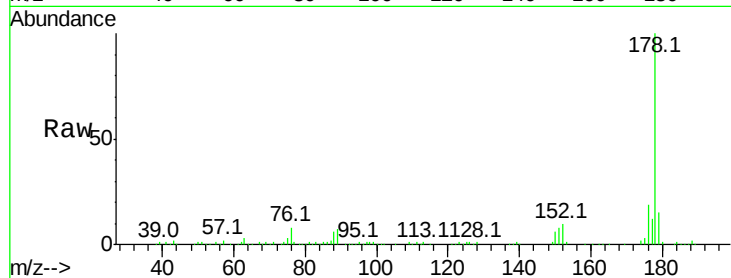
#70
Phenanthrene
Concen: 4.08 ng
RT: 11.38 min Scan# 813
Delta R.T. -0.02 min
Lab File: BF093095.D
Acq: 23 Feb 2017 00:23

Instrument :
BNA_F
ClientSampleId :
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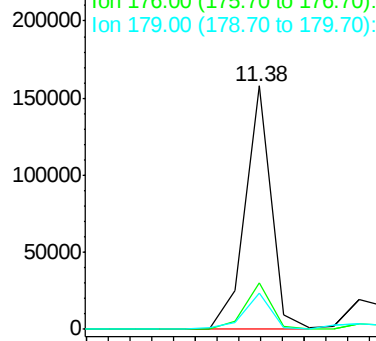
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.3	16.6	25.0
179	15.1	12.8	19.2

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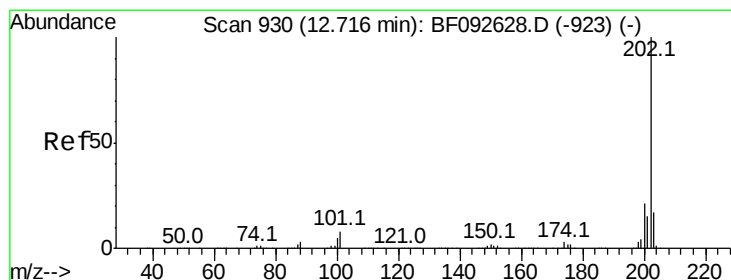
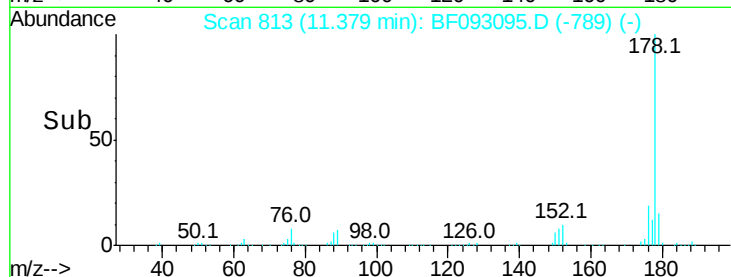
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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

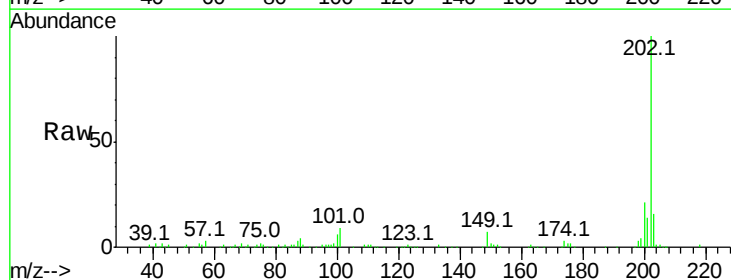


Time--> 11.30 11.35 11.40

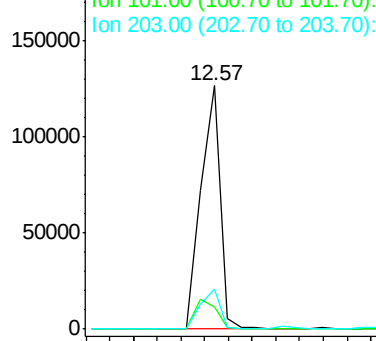


#74
Fluoranthene
Concen: 4.25 ng
RT: 12.57 min Scan# 917
Delta R.T. -0.02 min
Lab File: BF093095.D
Acq: 23 Feb 2017 00:23

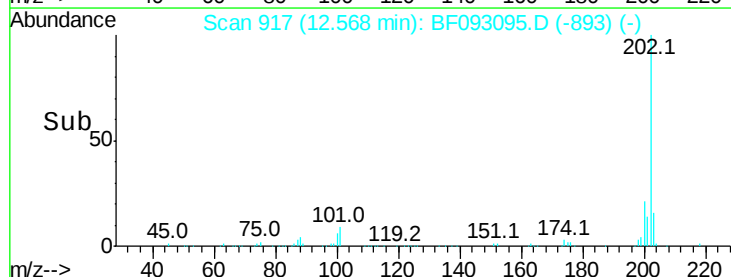
Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.3	0.0	34.6
203	16.4	0.0	38.7

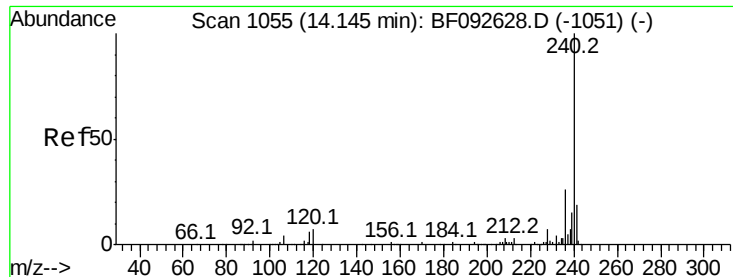


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



Time--> 12.50 12.60





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.99 min Scan# 1041

Delta R.T. -0.03 min

Lab File: BF093095.D

Acq: 23 Feb 2017 00:23

Instrument :

BNA_F

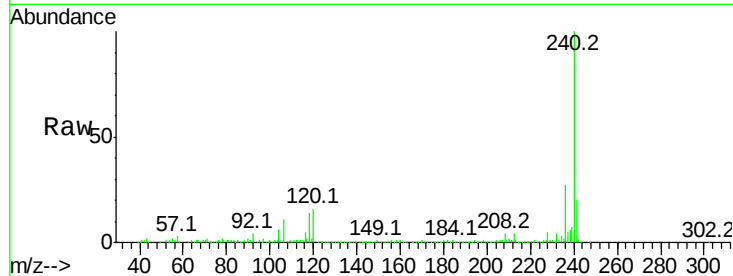
ClientSampled :

P-7

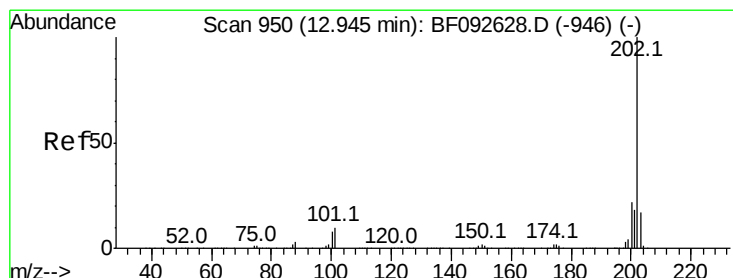
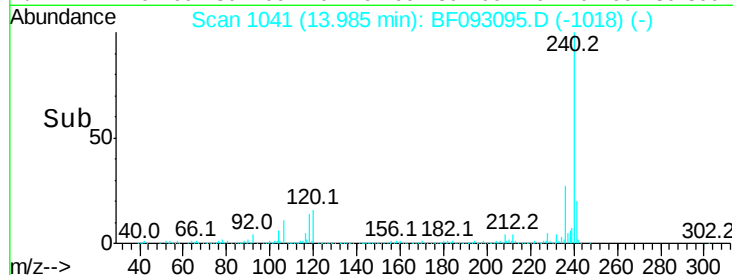
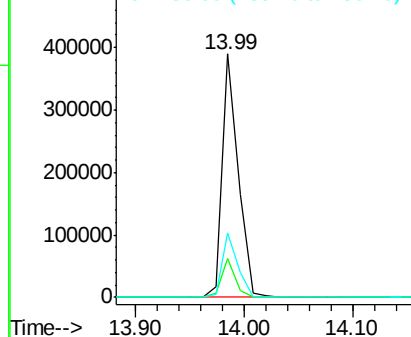
Tot Ion:	240	Resp:	400834
Ion Ratio	Lower	Upper	
240	100		
120	16.1	12.9	19.3
236	26.5	20.9	31.3

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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: 3.72 ng

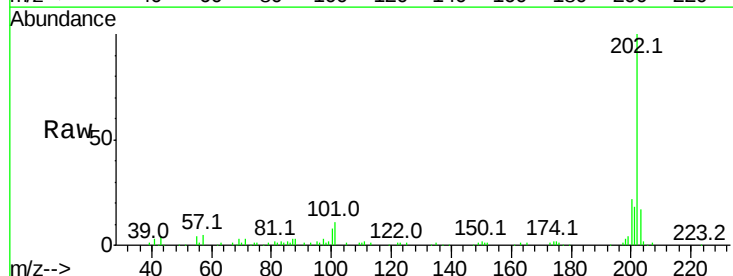
RT: 12.80 min Scan# 937

Delta R.T. -0.02 min

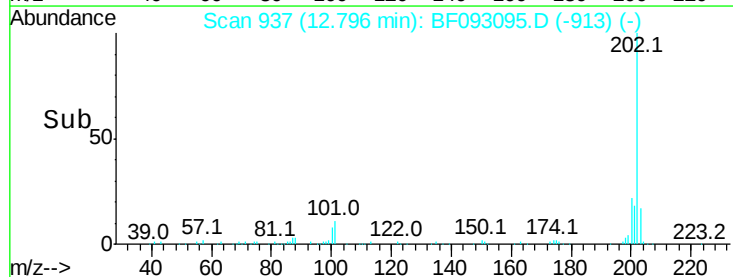
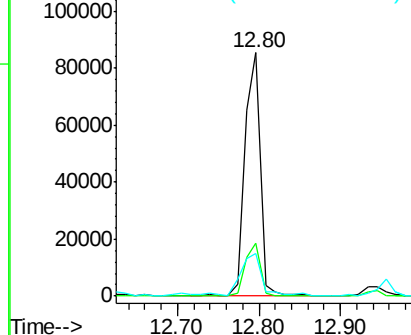
Lab File: BF093095.D

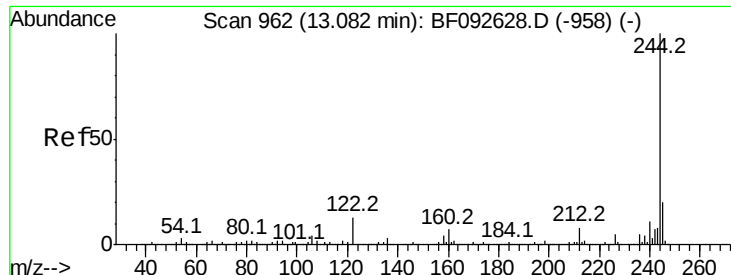
Acq: 23 Feb 2017 00:23

Tgt Ion:	202	Resp:	111509
Ion Ratio	Lower	Upper	
202	100		
200	21.8	17.7	26.5
203	17.3	14.7	22.1



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





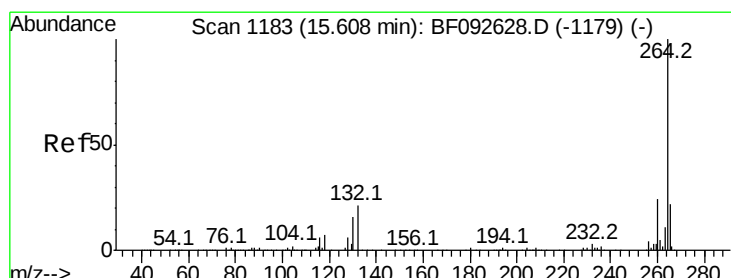
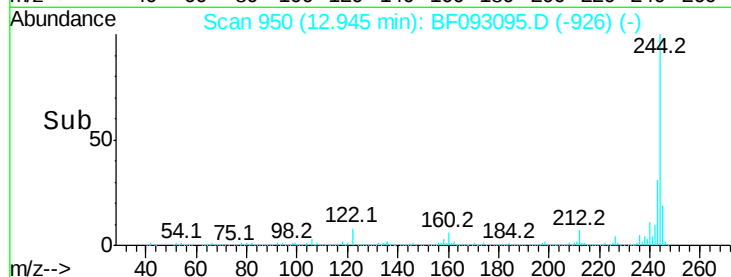
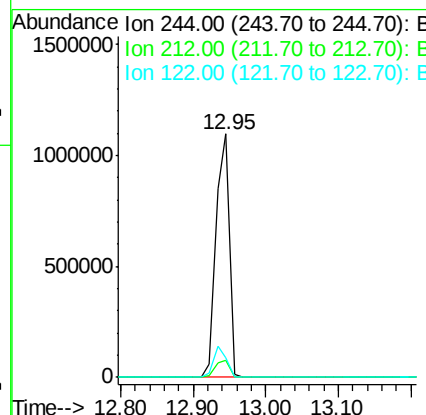
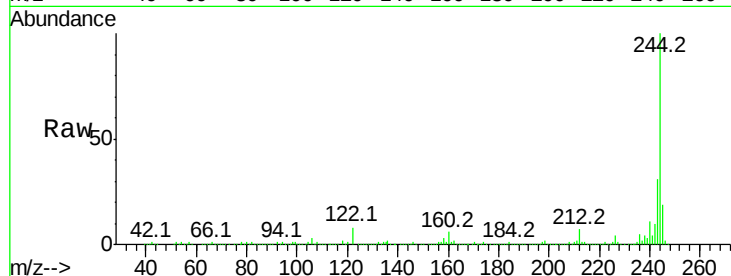
#78
 Terphenyl-d14
 Concen: 81.67 ng
 RT: 12.95 min Scan# 950
 Delta R.T. -0.02 min
 Lab File: BF093095.D
 Acq: 23 Feb 2017 00:23

Instrument :
 BNA_F
 ClientSampled :
 P-7

Tot Ion:244 Resp: 1393218
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.2 9.2
 122 8.3 11.4 17.2#

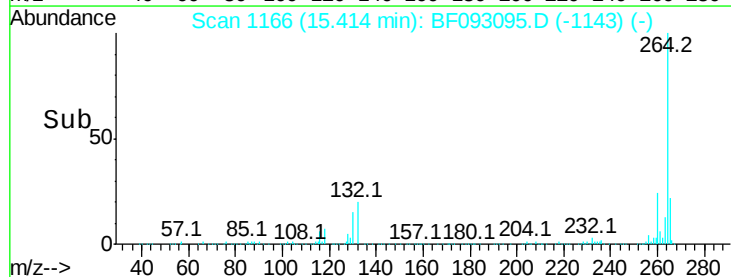
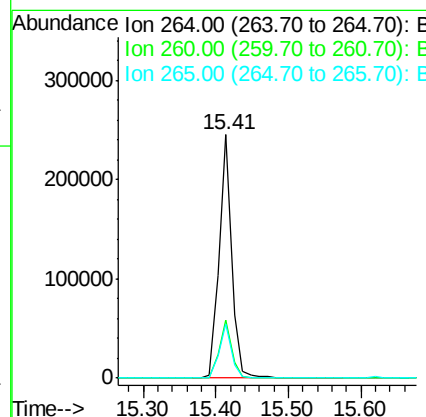
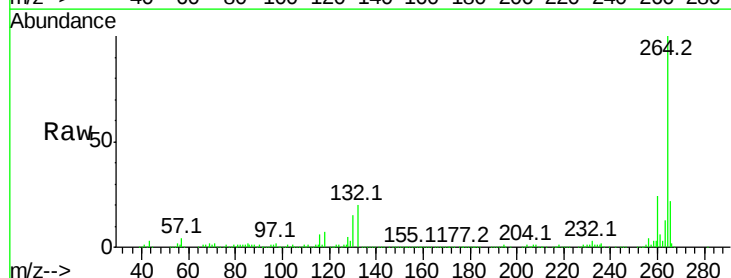
Manual Integrations
 APPROVED

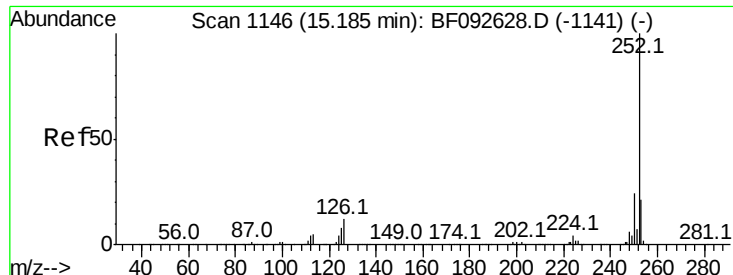
mohammad
 2/23/2017 1:16:27 PM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.41 min Scan# 1166
 Delta R.T. -0.03 min
 Lab File: BF093095.D
 Acq: 23 Feb 2017 00:23

Tgt Ion:264 Resp: 296168
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.2 28.8
 265 22.3 17.4 26.0





#87
 Benzo(b)fluoranthene
 Concen: 2.13 ng m
 RT: 15.00 min Scan# 1130
 Delta R.T. -0.03 min
 Lab File: BF093095.D
 Acq: 23 Feb 2017 00:23

Instrument :
 BNA_F
 ClientSampleId :
 P-7

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.6	18.2	27.4
125	18.6	9.8	14.6

Manual Integrations
 APPROVED

mohammad
 2/23/2017 1:16:27 PM

