

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022717\
 Data File : BF093218.D
 Acq On : 27 Feb 2017 21:35
 Operator : SJ/MA
 Sample : I2013-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CR-2

Manual Integrations
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 2/28/2017 2:28:57 PM

Quant Time: Feb 28 01:07:59 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 28 00:51:02 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	152462	20.00	ng	-0.01
21) Naphthalene-d8	8.10	136	618037	20.00	ng	-0.01
38) Acenaphthene-d10	9.86	164	304386	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	529492	20.00	ng	0.00
75) Chrysene-d12	13.99	240	369542	20.00	ng	0.00
86) Perylene-d12	15.41	264	304471	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	23600	2.66	ng	0.02
7) Phenol-d6	6.46	99	201916	17.66	ng	-0.01
23) Nitrobenzene-d5	7.38	82	702283	63.28	ng	-0.01
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	9.18	172	1327306	79.00	ng	0.00
78) Terphenyl-d14	12.93	244	1011320	64.30	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.57	163	306519	14.95	ng	99
74) Fluoranthene	12.56	202	91071	2.91	ng	95
77) Pyrene	12.78	202	86635	3.13	ng	99
87) Benzo(b)fluoranthene	15.00	252	51841m	2.59	ng	

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

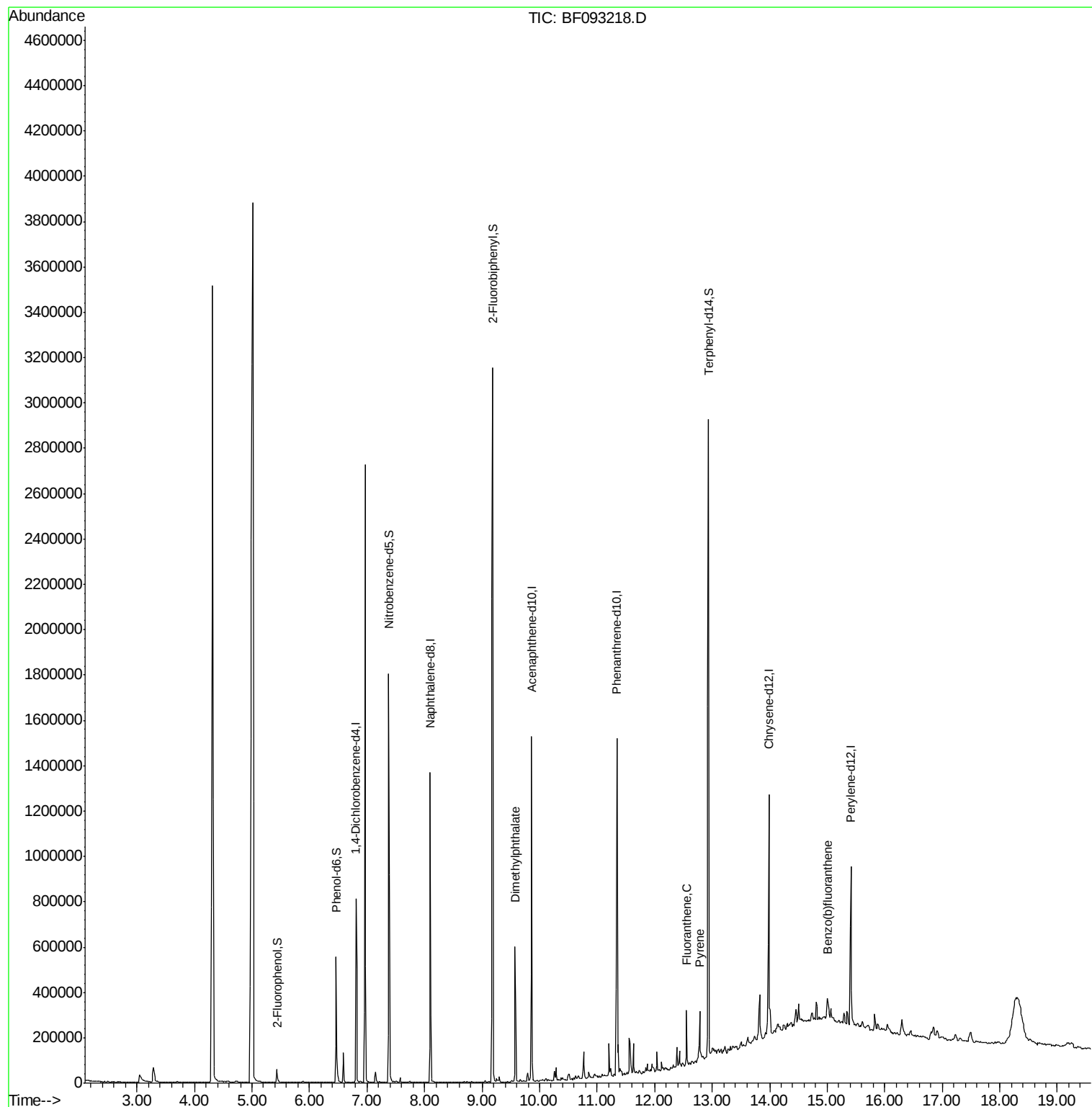
Data Path : Z:\HPCHEM1\BNA F\DATA\BF022717\
Data File : BF093218.D
Acq On : 27 Feb 2017 21:35
Operator : SJ/MA
Sample : I2013-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

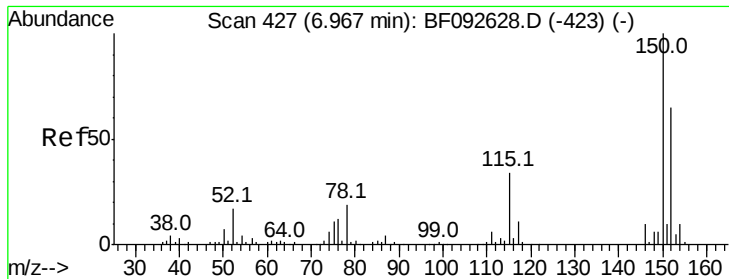
Instrument :
BNA_F
ClientSampleId :
CR-2

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Quant Time: Feb 28 01:07:59 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
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#1

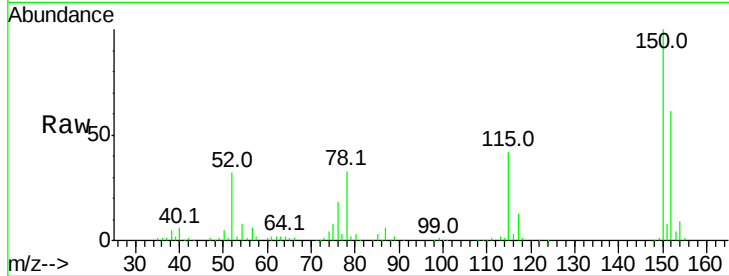
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.81 min Scan# 413
 Delta R.T. -0.01 min
 Lab File: BF093218.D
 Acq: 27 Feb 2017 21:35

Instrument :
 BNA_F
 ClientSampled :
 CR-2

Tot Ion	Ratio	Lower	Upper
152	100		
150	163.4	124.9	187.3
115	68.8	46.0	69.0

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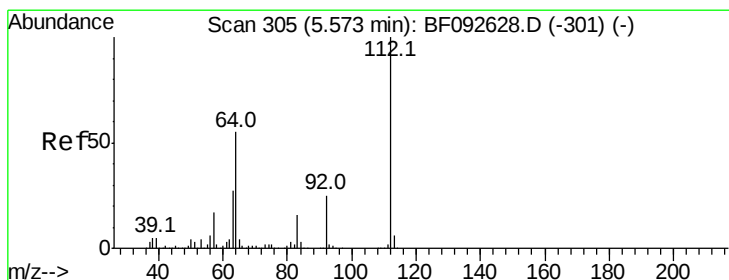
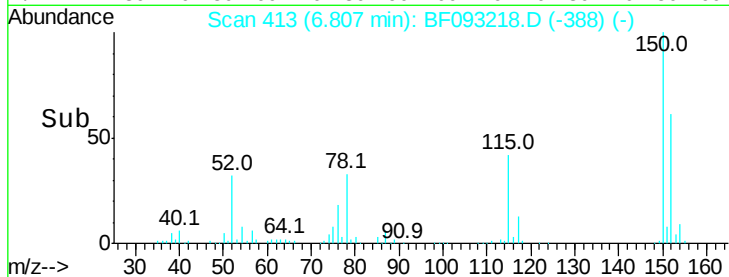
Abundance

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

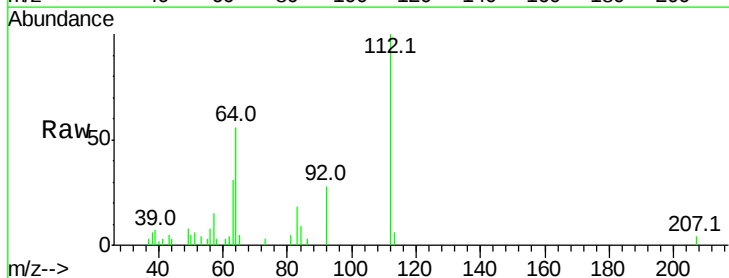
Time-->



#5

2-Fluorophenol
 Concen: 2.66 ng
 RT: 5.44 min Scan# 293
 Delta R.T. 0.02 min
 Lab File: BF093218.D
 Acq: 27 Feb 2017 21:35

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.4	46.1	69.1
63	31.3	23.8	35.6



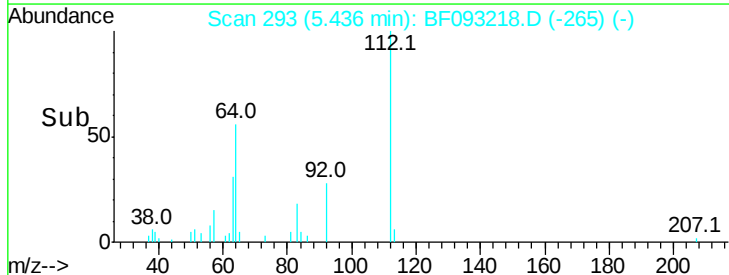
Abundance

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

Time-->





#7

Phenol-d6

Concen: 17.66 ng

RT: 6.46 min Scan# 383

Delta R.T. -0.01 min

Lab File: BF093218.D

Acq: 27 Feb 2017 21:35

Instrument :

BNA_F

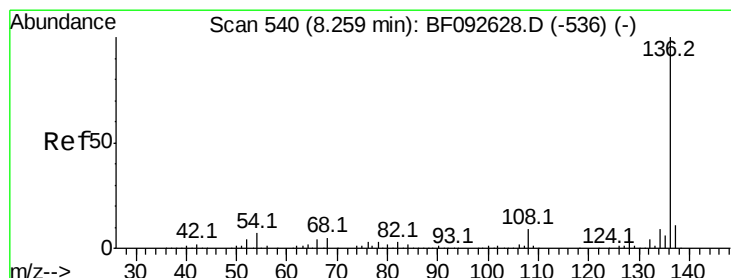
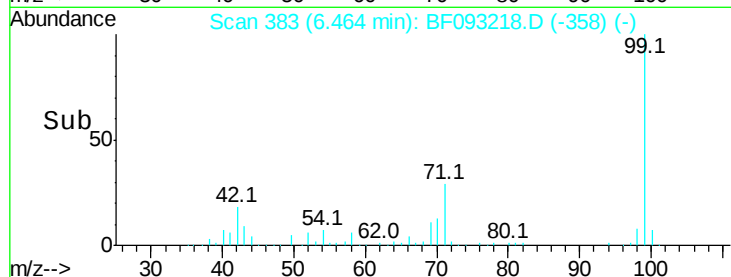
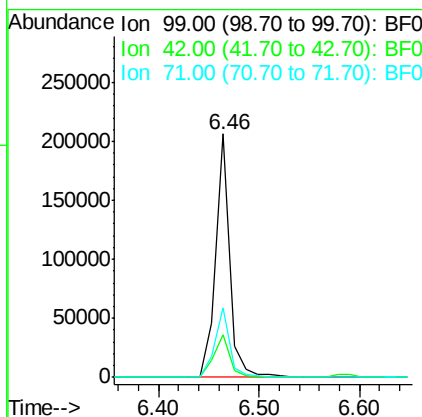
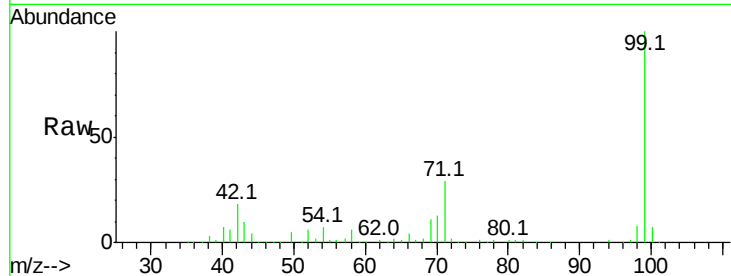
ClientSampled :

CR-2

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		201916		
42	17.7	15.6	23.4		
71	28.8	27.5	41.3		

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#21

Naphthalene-d8

Concen: 20.00 ng

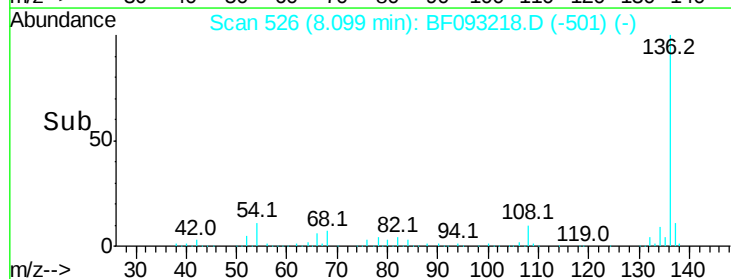
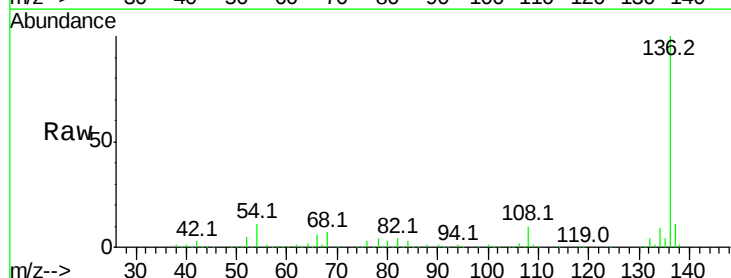
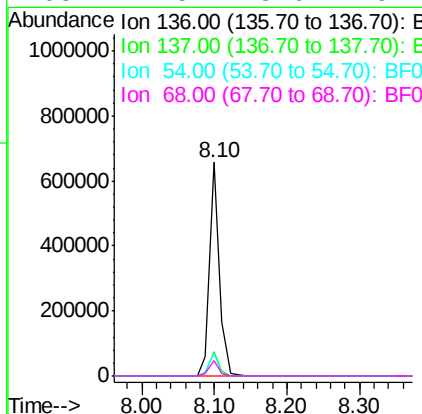
RT: 8.10 min Scan# 526

Delta R.T. -0.01 min

Lab File: BF093218.D

Acq: 27 Feb 2017 21:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		618037		
137	11.2	8.4	12.6		
54	11.0	4.5	6.7#		
68	7.5	3.6	5.4#		





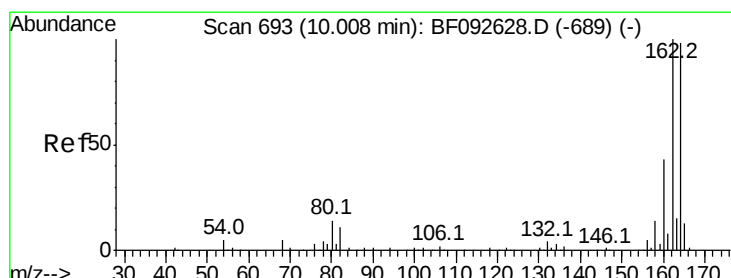
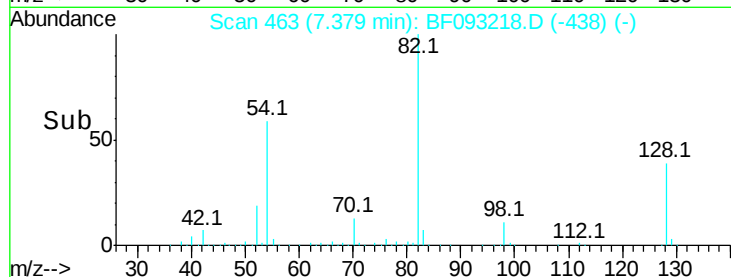
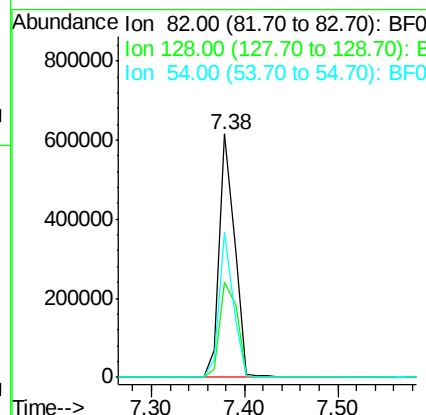
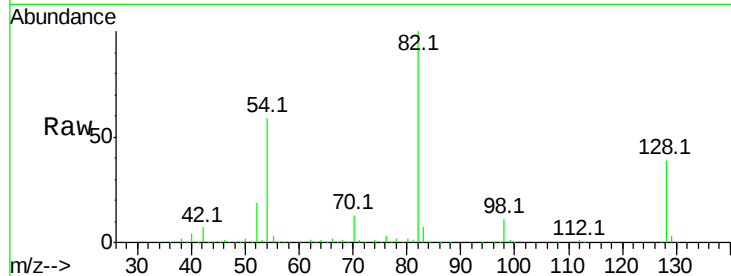
#23
 Nitrobenzene-d5
 Concen: 63.28 ng
 RT: 7.38 min Scan# 463
 Delta R.T. -0.01 min
 Lab File: BF093218.D
 Acq: 27 Feb 2017 21:35

Instrument :
 BNA_F
 ClientSampleId :
 CR-2

Tot Ion	Ratio	Lower	Upper
82	100		
128	38.9	34.6	52.0
54	59.3	39.5	59.3#

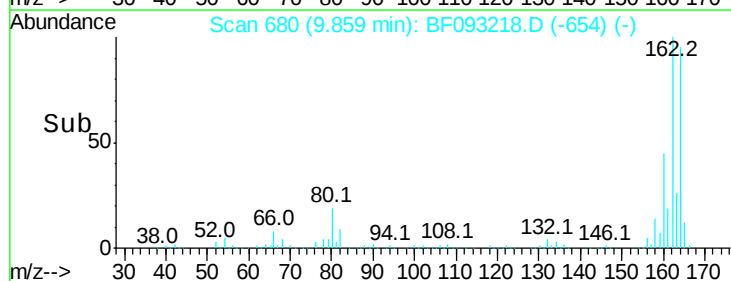
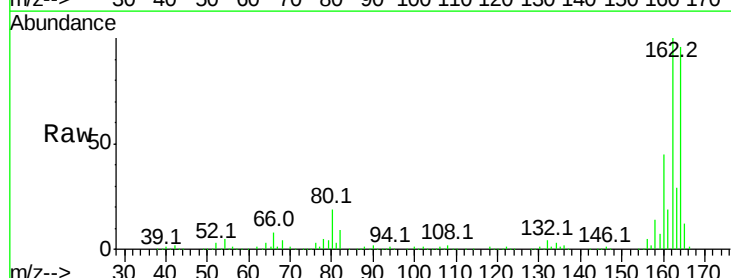
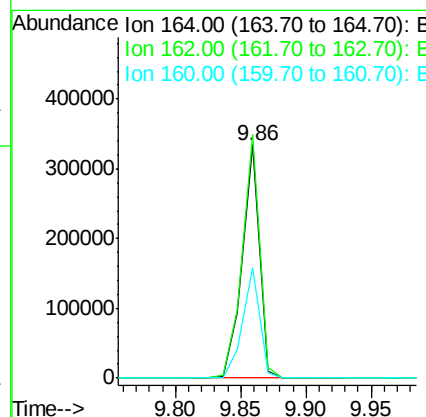
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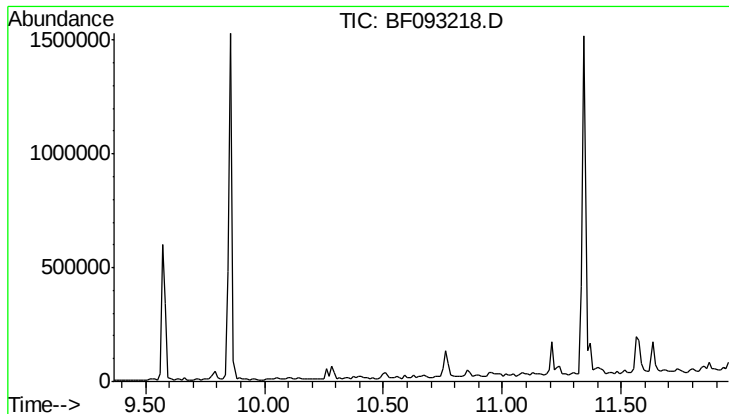
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.86 min Scan# 680
 Delta R.T. -0.00 min
 Lab File: BF093218.D
 Acq: 27 Feb 2017 21:35

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.5	80.2	120.2
160	47.4	36.9	55.3





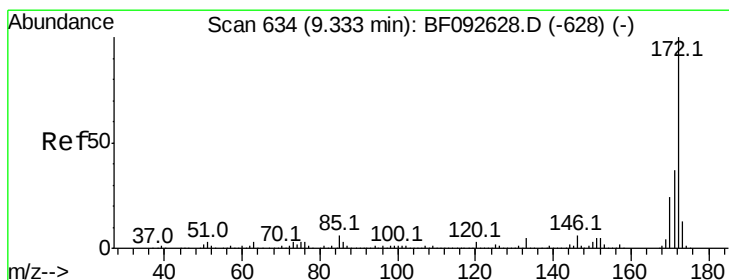
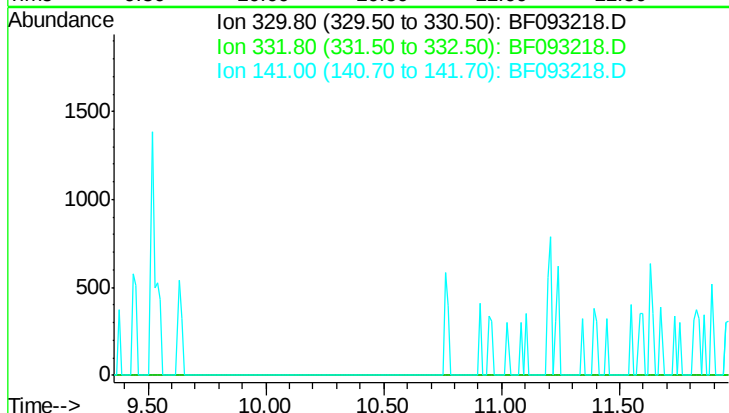
#41
 2,4,6-Tribromophenol
 Concen: 0.00 ng
 Expected RT: 10.66 min
 Lab File: BF093218.D
 Acq: 27 Feb 2017 21:35

Tot Ion	330	332	141
Exp Ratio	100	96.8	42.6

Instrument :
 BNA_F
 ClientSampleId :
 CR-2

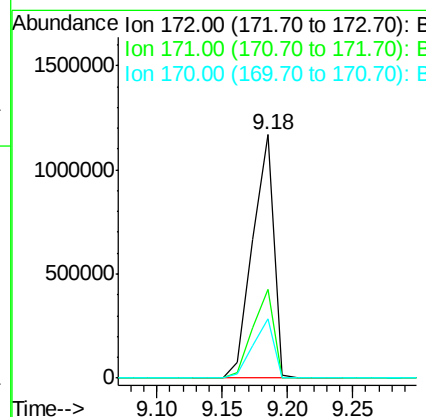
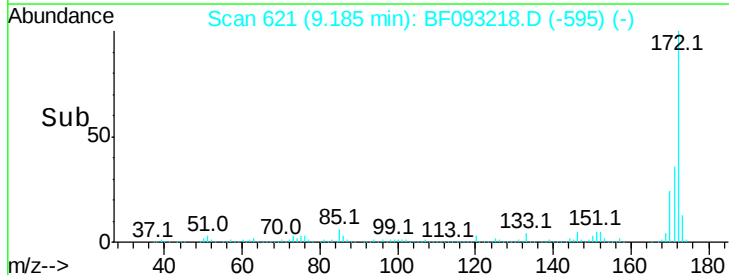
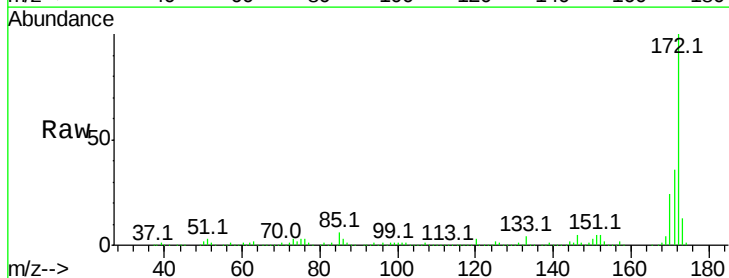
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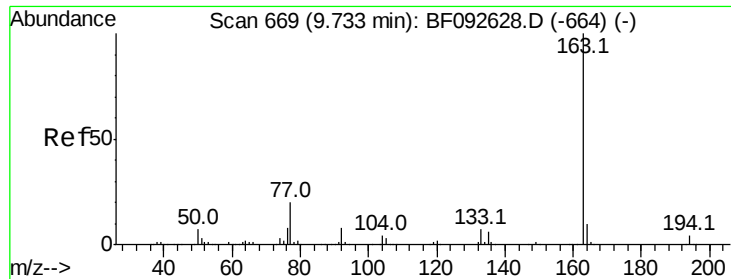
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#44
 2-Fluorobiphenyl
 Concen: 79.00 ng
 RT: 9.18 min Scan# 621
 Delta R.T. -0.00 min
 Lab File: BF093218.D
 Acq: 27 Feb 2017 21:35

Tgt Ion	172	Resp	Lower	Upper
Ion Ratio	100			
171	36.3	29.4	44.0	
170	24.2	20.2	30.4	





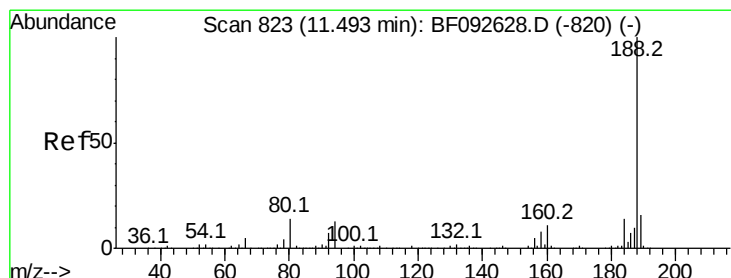
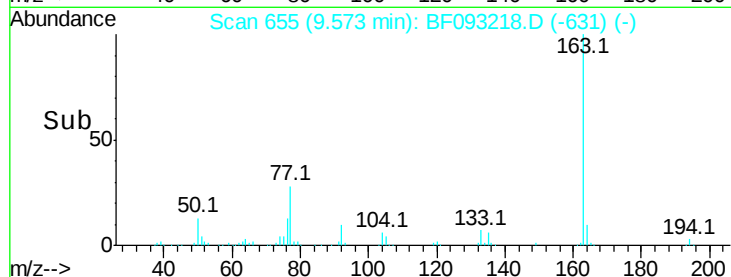
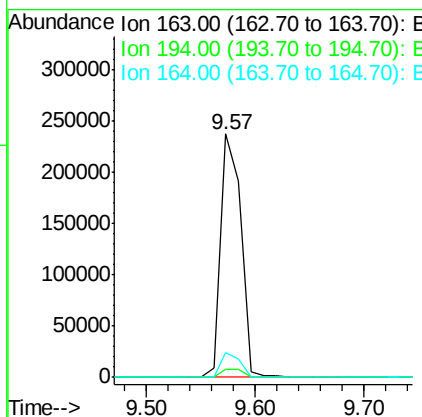
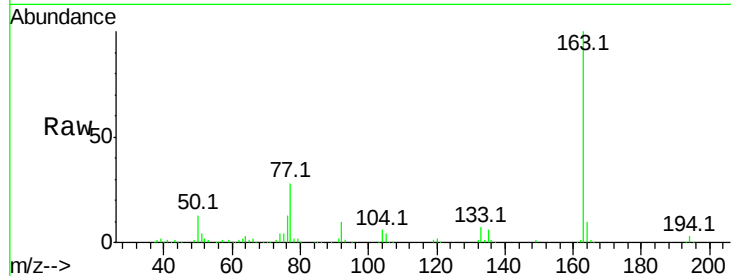
#49
Dimethylphthalate
Concen: 14.95 ng
RT: 9.57 min Scan# 655
Delta R.T. -0.02 min
Lab File: BF093218.D
Acq: 27 Feb 2017 21:35

Instrument :
BNA_F
ClientSampleId :
CR-2

Tot Ion	Ratio	Resp	Lower	Upper
163	100	306519		
194	3.1		3.0	4.4
164	10.4		8.0	12.0

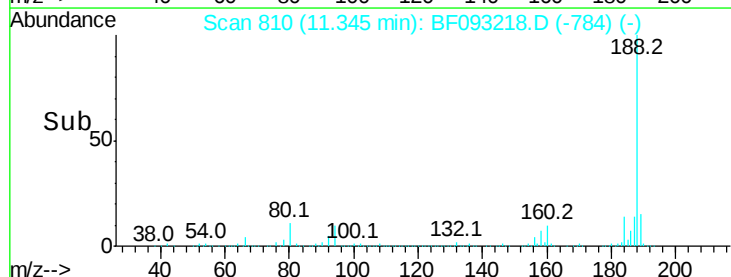
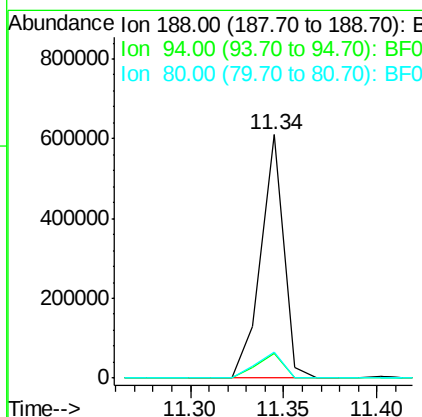
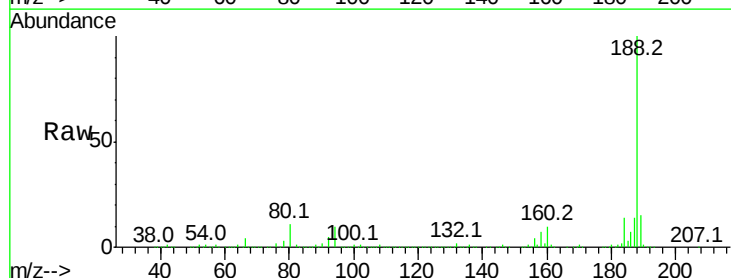
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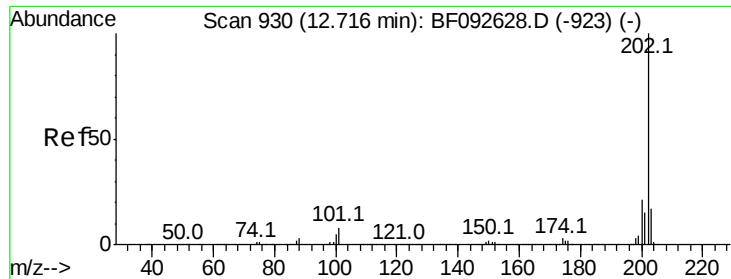
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.34 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF093218.D
Acq: 27 Feb 2017 21:35

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	529492		
94	10.0		10.0	15.0
80	10.6		11.2	16.8#





#74

Fluoranthene

Concen: 2.91 ng

RT: 12.56 min Scan# 916

Delta R.T. -0.00 min

Lab File: BF093218.D

Acq: 27 Feb 2017 21:35

Instrument :

BNA_F

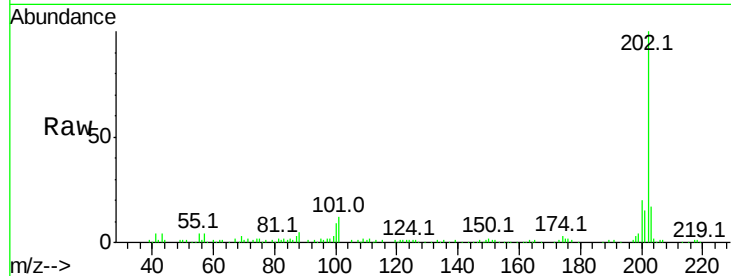
ClientSampled :

CR-2

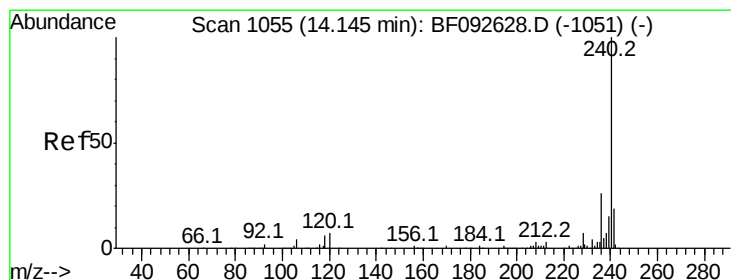
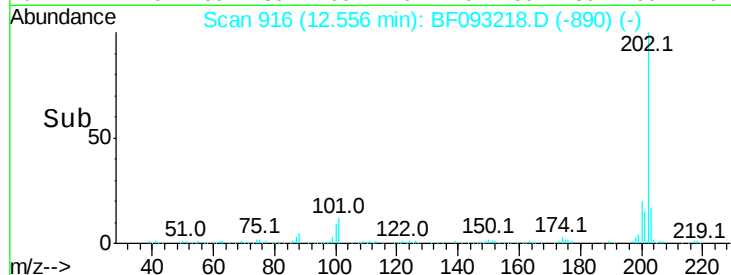
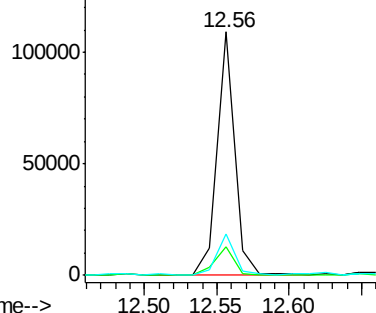
Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	11.9	0.0	34.6
203	16.9	0.0	38.7

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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



#75

Chrysene-d12

Concen: 20.00 ng

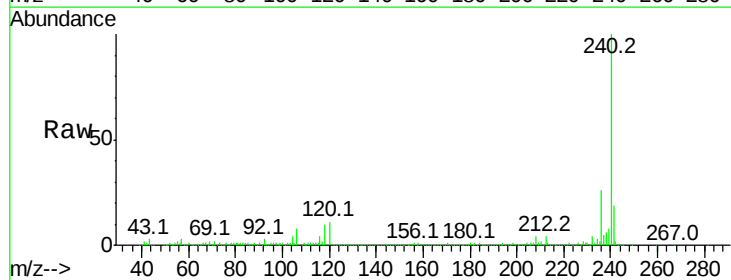
RT: 13.99 min Scan# 1041

Delta R.T. -0.00 min

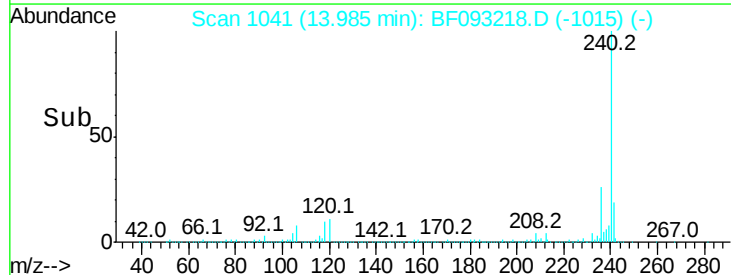
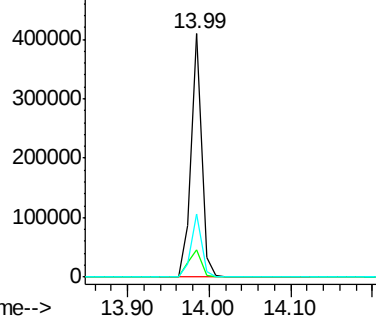
Lab File: BF093218.D

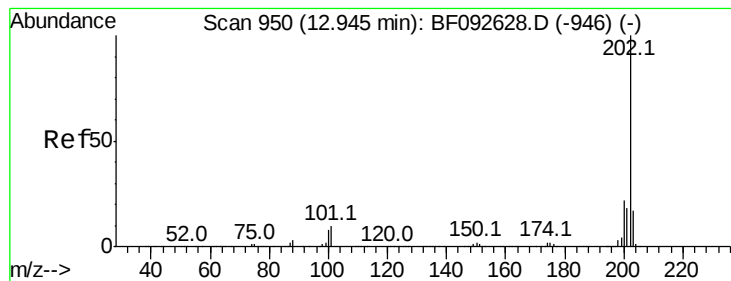
Acq: 27 Feb 2017 21:35

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	11.4	12.9	19.3#
236	25.7	20.9	31.3



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

Pvrene

Concen: 3.13 ng

RT: 12.78 min Scan# 936

Delta R.T. -0.00 min

Lab File: BF093218.D

Acq: 27 Feb 2017 21:35

Instrument :

BNA_F

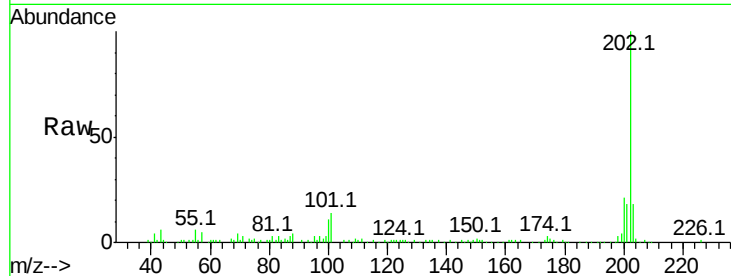
ClientSampled :

CR-2

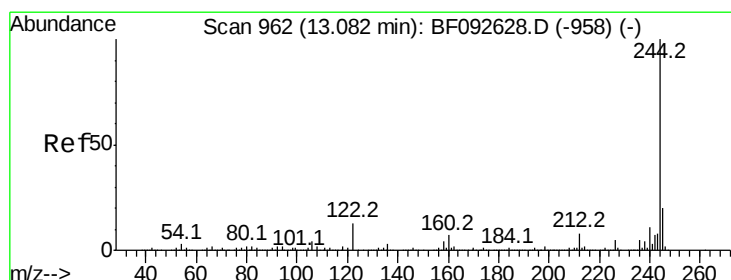
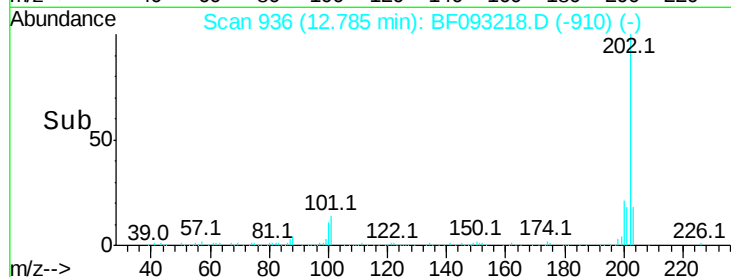
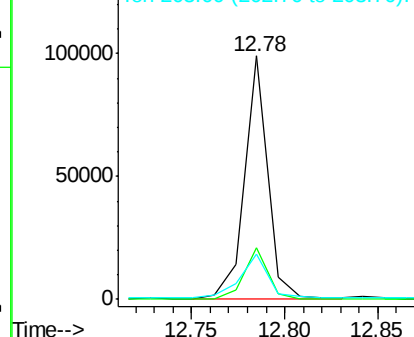
Tot Ion:	202	Resp:	86635
Ion Ratio	Lower	Upper	
202	100		
200	21.3	17.7	26.5
203	18.4	14.7	22.1

Manual Integrations
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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: 64.30 ng

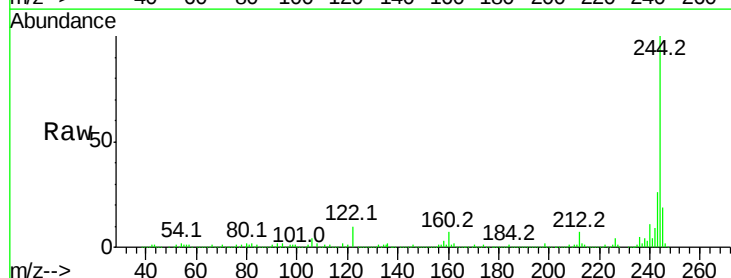
RT: 12.93 min Scan# 949

Delta R.T. -0.00 min

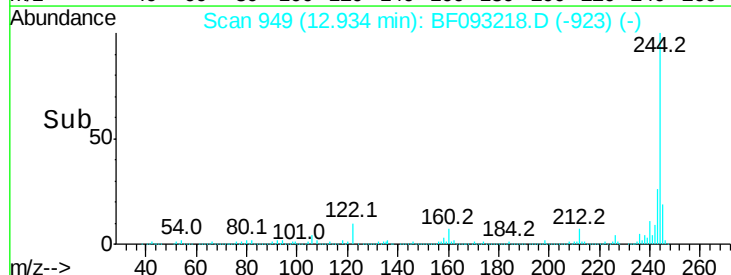
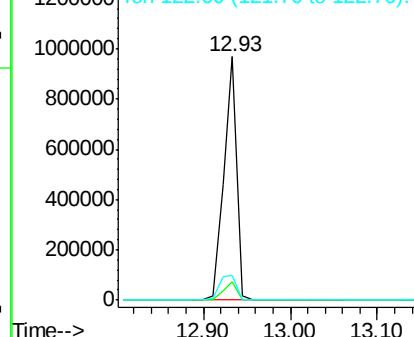
Lab File: BF093218.D

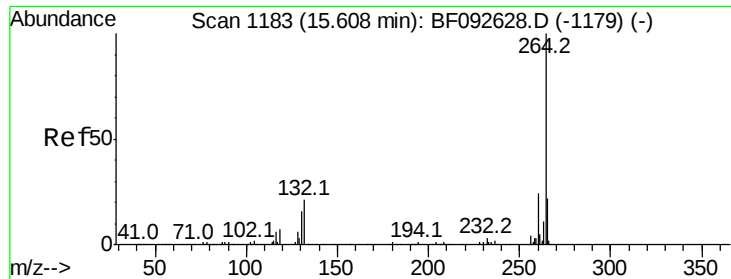
Acq: 27 Feb 2017 21:35

Tgt Ion:	244	Resp:	1011320
Ion Ratio	Lower	Upper	
244	100		
212	7.3	6.2	9.2
122	10.4	11.4	17.2#



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





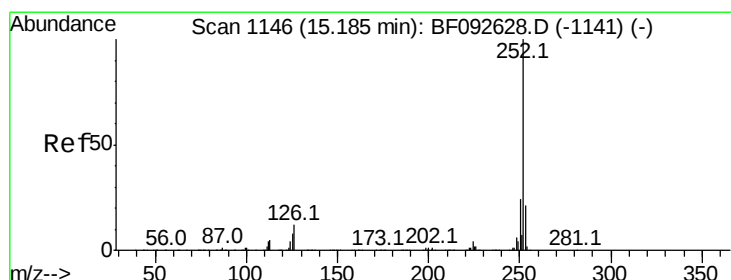
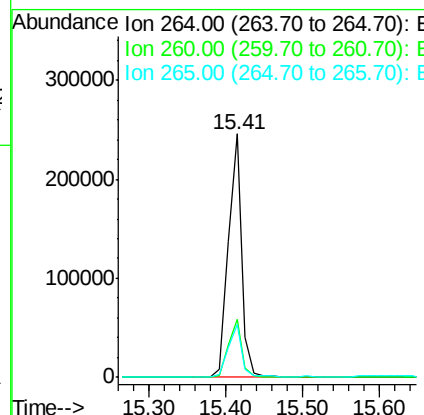
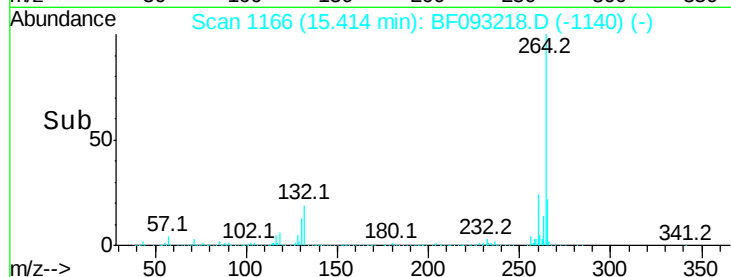
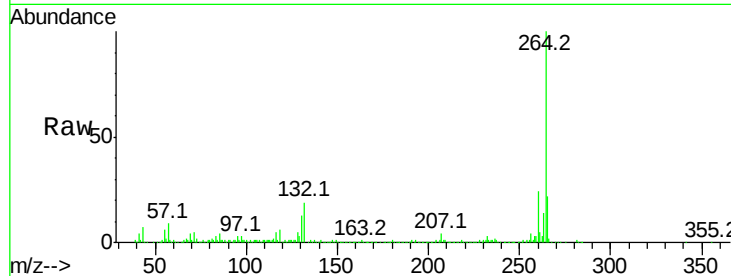
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.41 min Scan# 1166
Delta R.T. -0.00 min
Lab File: BF093218.D
Acq: 27 Feb 2017 21:35

Instrument :
BNA_F
ClientSampleId :
CR-2

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.8	17.4	26.0

Manual Integrations
APPROVED

mohammad
2/28/2017 2:28:57 PM



#87
Benzo(b)fluoranthene
Concen: 2.59 ng m
RT: 15.00 min Scan# 1130
Delta R.T. -0.01 min
Lab File: BF093218.D
Acq: 27 Feb 2017 21:35

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.9	18.2	27.4
125	23.6	9.8	14.6#

