

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031017\
 Data File : BF093563.D
 Acq On : 11 Mar 2017 10:24
 Operator : SJ/MA
 Sample : I2208-04
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-AGG2-09

Quant Time: Mar 13 14:37:56 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 07 15:55:22 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	176534	20.00	ng	-0.02
21) Naphthalene-d8	8.02	136	729732	20.00	ng	-0.03
38) Acenaphthene-d10	9.77	164	331960	20.00	ng	-0.03
63) Phenanthrene-d10	11.26	188	629985	20.00	ng	-0.02
75) Chrysene-d12	13.90	240	472661	20.00	ng	-0.02
86) Perylene-d12	15.31	264	315908	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1046417	98.65	ng	0.00
7) Phenol-d6	6.40	99	1322567	98.88	ng	-0.01
23) Nitrobenzene-d5	7.32	82	856848	65.15	ng	-0.02
41) 2,4,6-Tribromophenol	10.57	330	223346	103.27	ng	-0.02
44) 2-Fluorobiphenyl	9.10	172	1239141	69.43	ng	-0.03
78) Terphenyl-d14	12.85	244	1242004	68.32	ng	-0.02

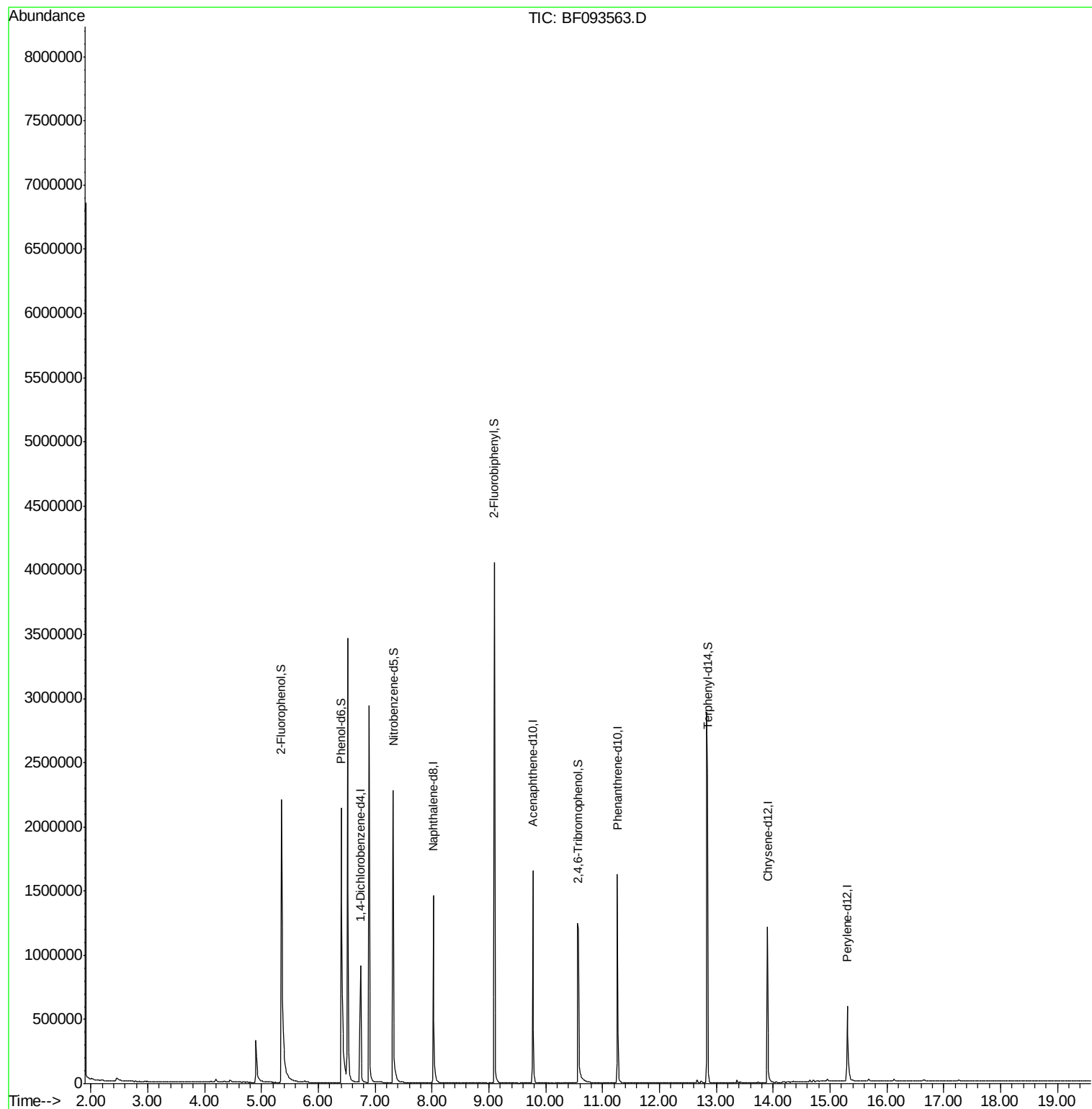
Target Compounds Qvalue

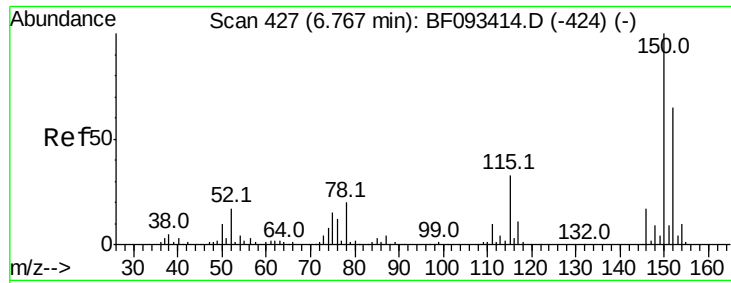
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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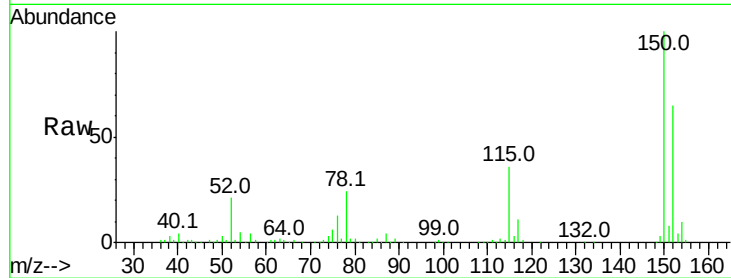


#1

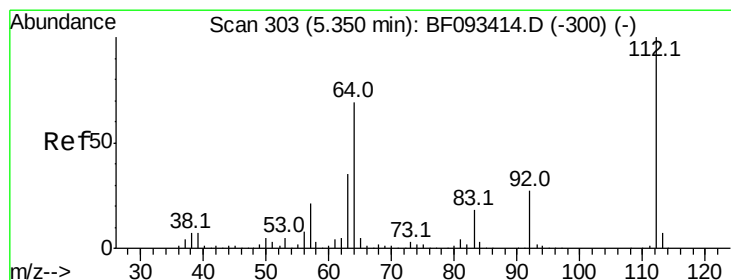
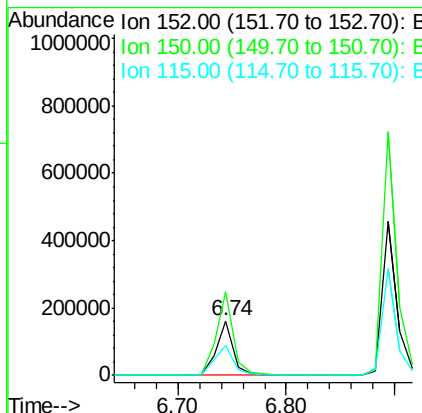
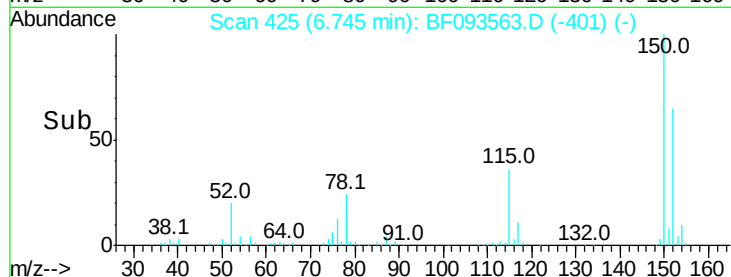
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.74 min Scan# 425
 Delta R.T. -0.02 min
 Lab File: BF093563.D
 Acq: 11 Mar 2017 10:24

Instrument :
 BNA_F
 ClientSampleId :
 WC-AGG2-09

Tot Ion:152 Resp: 176534
 Ion Ratio Lower Upper
 152 100
 150 153.1 124.9 187.3
 115 54.9 46.0 69.0



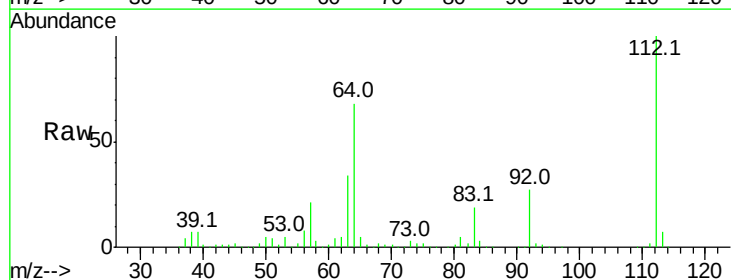
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



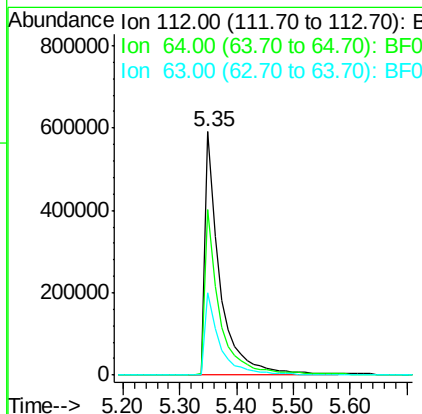
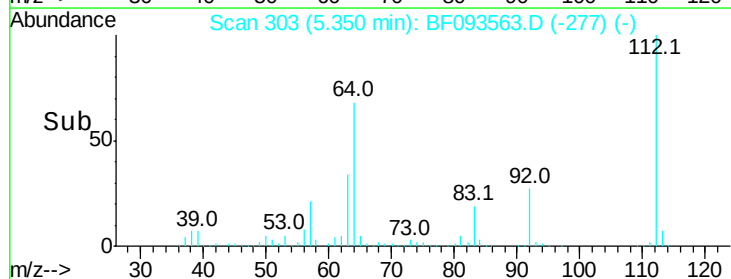
#5

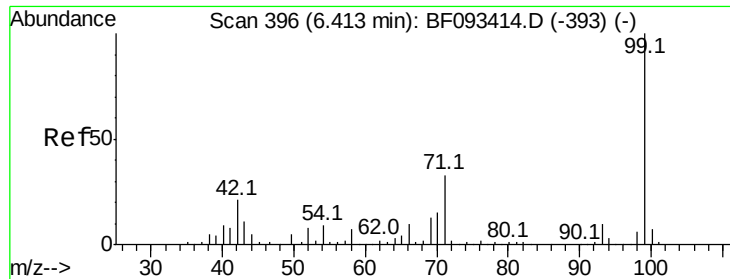
2-Fluorophenol
 Concen: 98.65 ng
 RT: 5.35 min Scan# 303
 Delta R.T. 0.00 min
 Lab File: BF093563.D
 Acq: 11 Mar 2017 10:24

Tgt Ion:112 Resp: 1046417
 Ion Ratio Lower Upper
 112 100
 64 68.1 46.1 69.1
 63 33.9 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





#7

Phenol-d6

Concen: 98.88 ng

RT: 6.40 min Scan# 395

Delta R.T. -0.01 min

Lab File: BF093563.D

Acq: 11 Mar 2017 10:24

Instrument :

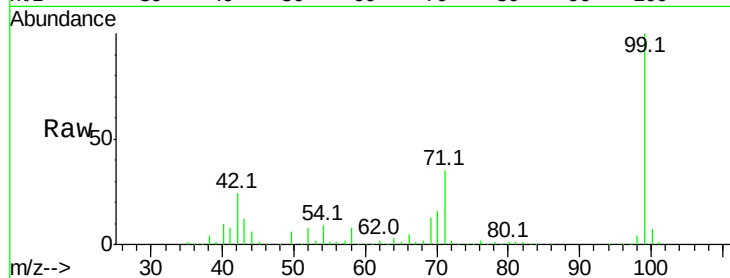
BNA_F

ClientSampleId :

WC-AGG2-09

Tot Ion: 99 Resp: 1322567

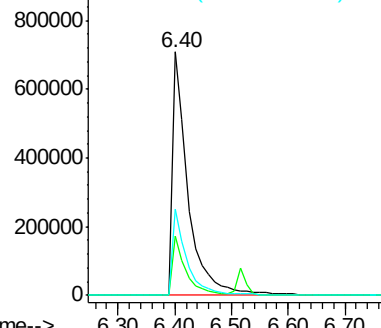
Ion	Ratio	Lower	Upper
99	100		
42	24.3	15.6	23.4#
71	35.5	27.5	41.3



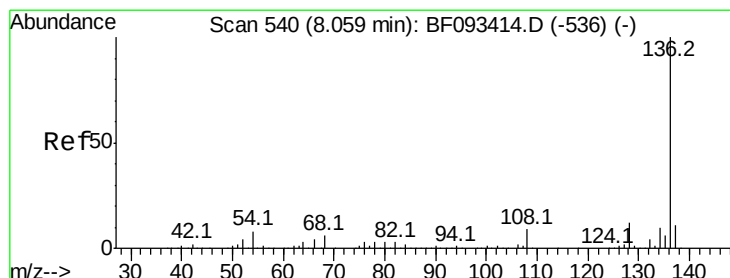
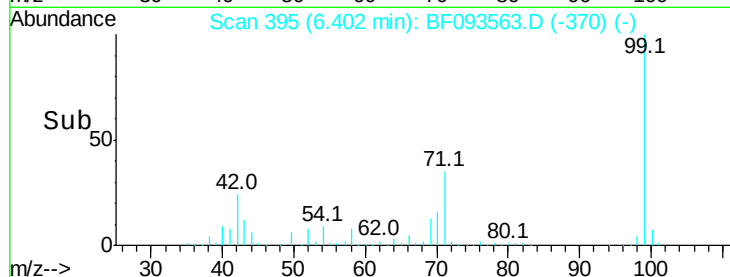
Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



Time-->



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.02 min Scan# 537

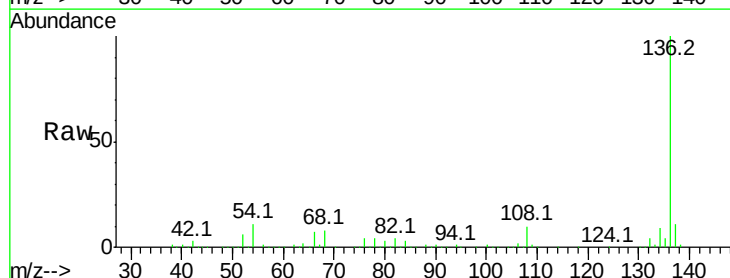
Delta R.T. -0.03 min

Lab File: BF093563.D

Acq: 11 Mar 2017 10:24

Tgt Ion: 136 Resp: 729732

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.4	12.6
54	11.4	4.5	6.7#
68	8.2	3.6	5.4#

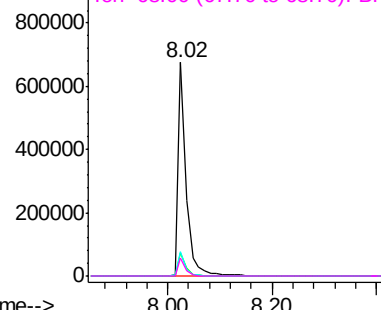


Abundance Ion 136.00 (135.70 to 136.70): E

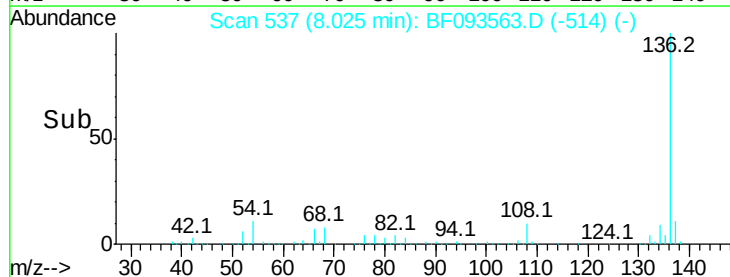
Ion 137.00 (136.70 to 137.70): E

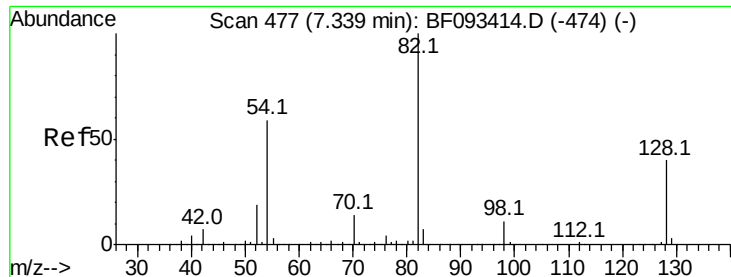
Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->

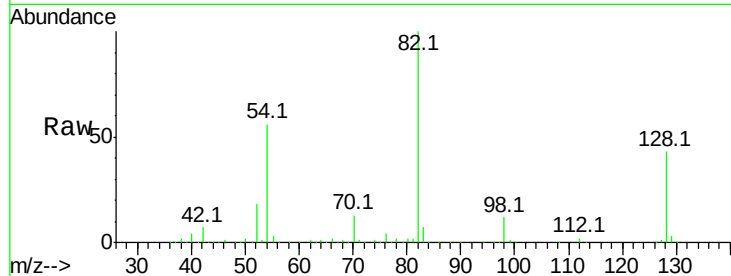




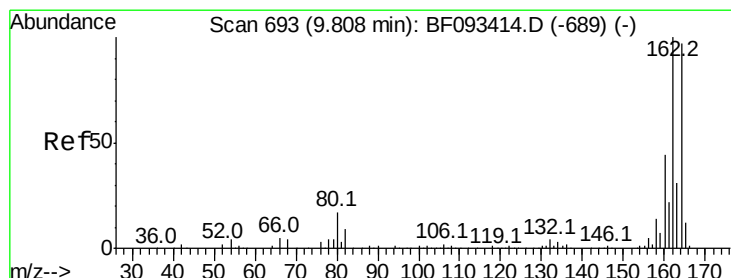
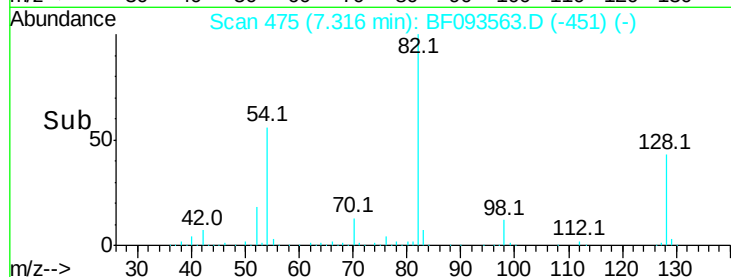
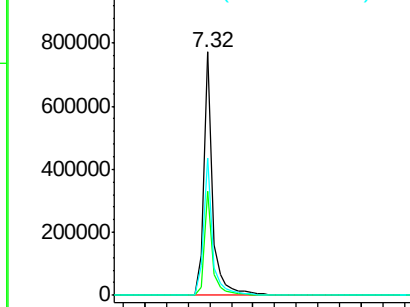
#23
 Nitrobenzene-d5
 Concen: 65.15 ng
 RT: 7.32 min Scan# 475
 Delta R.T. -0.02 min
 Lab File: BF093563.D
 Acq: 11 Mar 2017 10:24

Instrument :
 BNA_F
 ClientSampleId :
 WC-AGG2-09

Tot Ion: 82 Resp: 856848
 Ion Ratio Lower Upper
 82 100
 128 42.7 34.6 52.0
 54 56.3 39.5 59.3

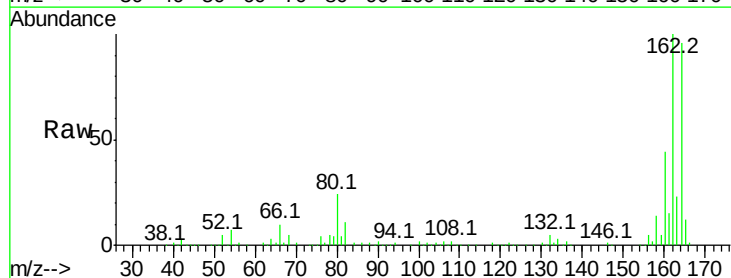


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

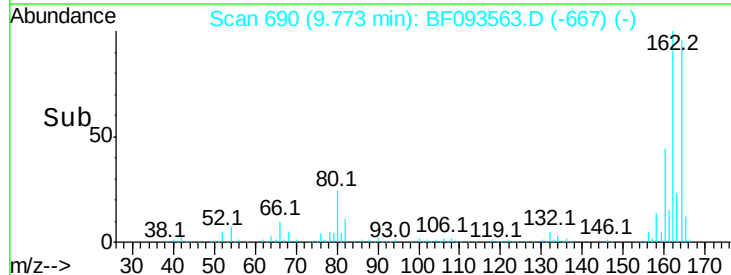
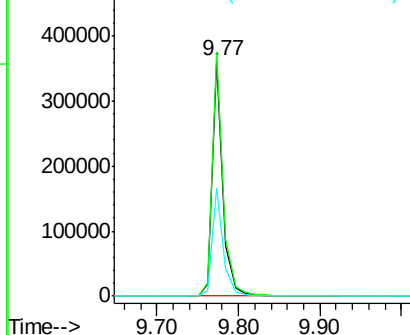


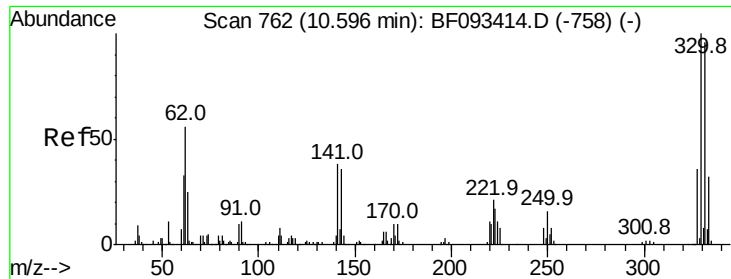
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.77 min Scan# 690
 Delta R.T. -0.03 min
 Lab File: BF093563.D
 Acq: 11 Mar 2017 10:24

Tgt Ion: 164 Resp: 331960
 Ion Ratio Lower Upper
 164 100
 162 103.7 80.2 120.2
 160 45.9 36.9 55.3



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

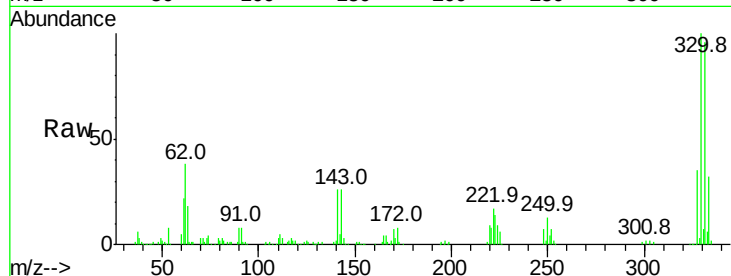




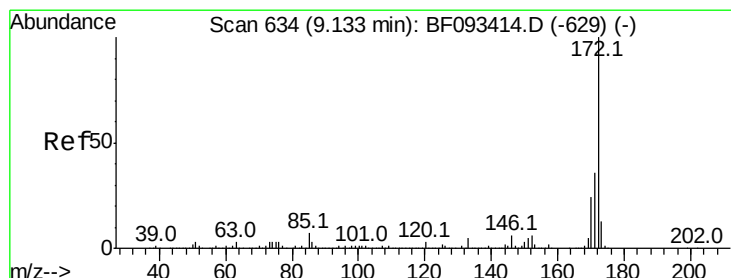
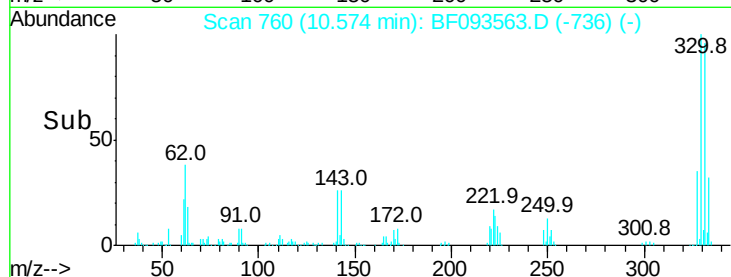
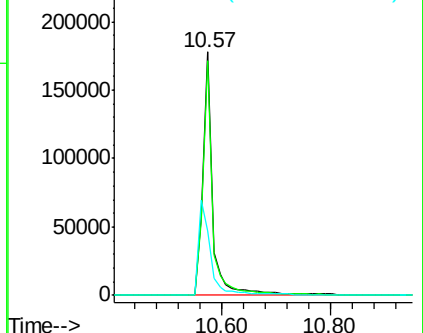
#41
 2,4,6-Tribromophenol
 Concen: 103.27 ng
 RT: 10.57 min Scan# 760
 Delta R.T. -0.02 min
 Lab File: BF093563.D
 Acq: 11 Mar 2017 10:24

Instrument :
 BNA_F
 ClientSampleId :
 WC-AGG2-09

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.4	116.2
141	48.4	34.1	51.1

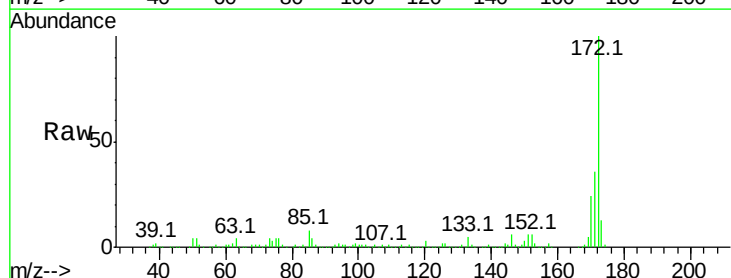


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

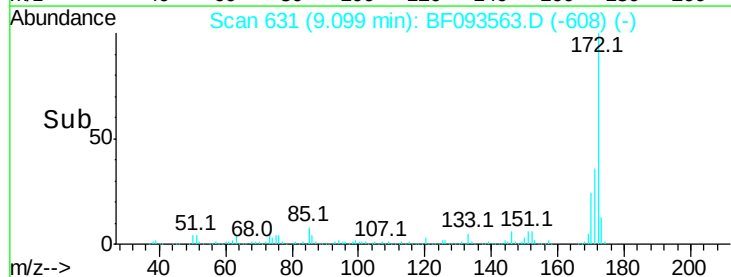
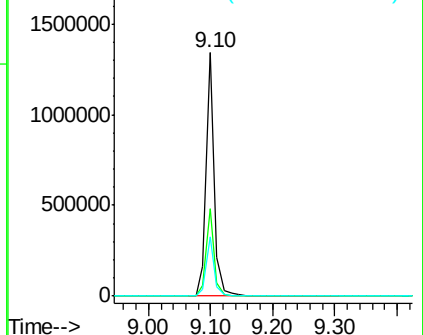


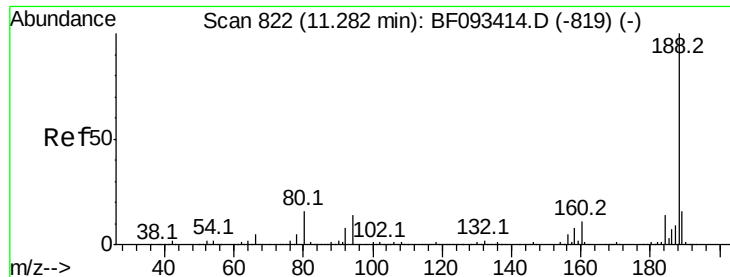
#44
 2-Fluorobiphenyl
 Concen: 69.43 ng
 RT: 9.10 min Scan# 631
 Delta R.T. -0.03 min
 Lab File: BF093563.D
 Acq: 11 Mar 2017 10:24

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.4	44.0
170	24.2	20.2	30.4



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

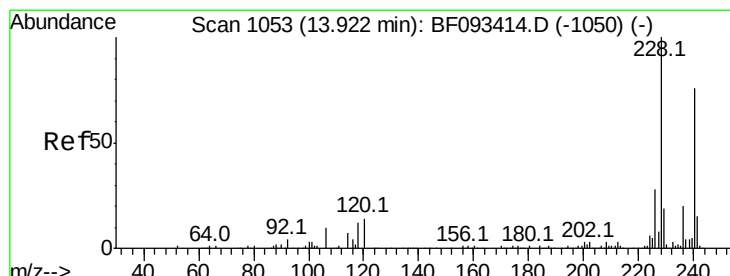
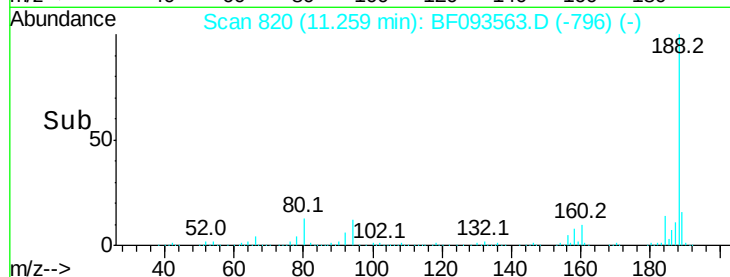
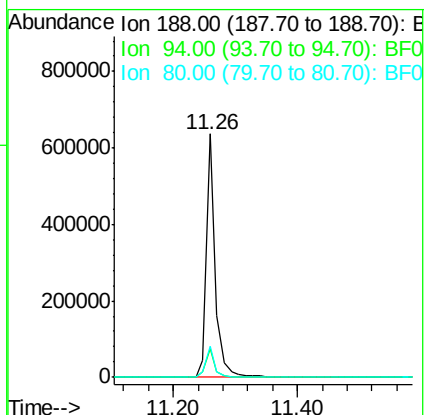
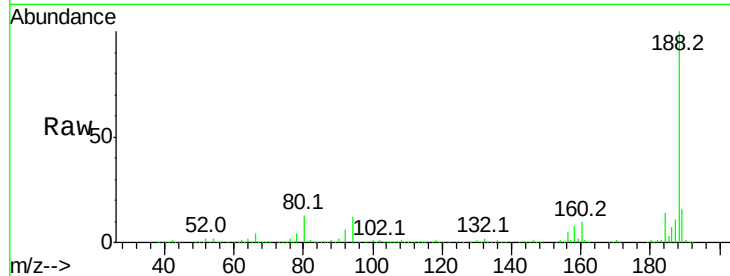




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.26 min Scan# 820
Delta R.T. -0.02 min
Lab File: BF093563.D
Acq: 11 Mar 2017 10:24

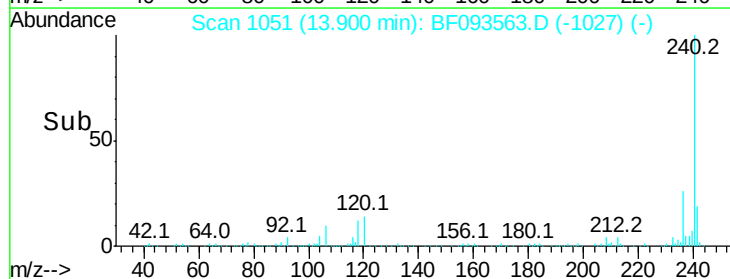
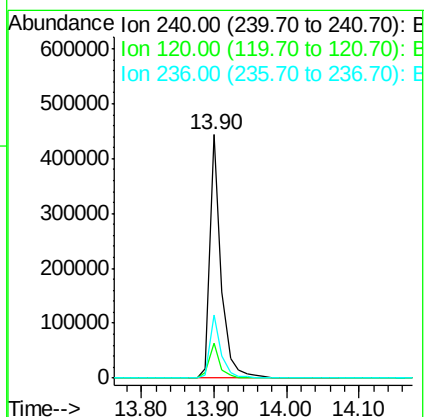
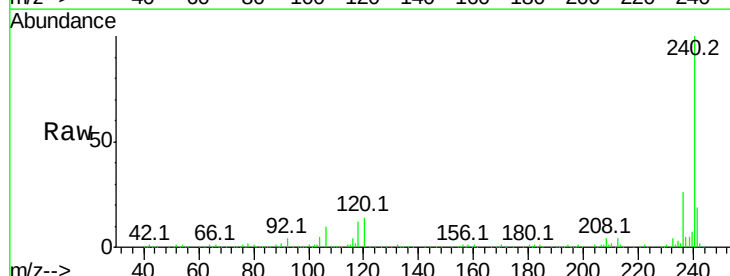
Instrument :
BNA_F
ClientSampleId :
WC-AGG2-09

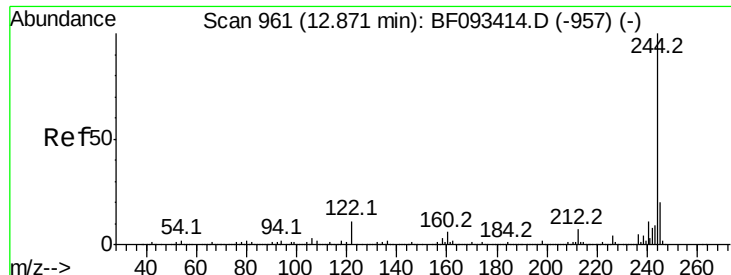
Tot Ion:188 Resp: 629985
Ion Ratio Lower Upper
188 100
94 12.0 10.0 15.0
80 12.8 11.2 16.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.90 min Scan# 1051
Delta R.T. -0.02 min
Lab File: BF093563.D
Acq: 11 Mar 2017 10:24

Tgt Ion:240 Resp: 472661
Ion Ratio Lower Upper
240 100
120 14.5 12.9 19.3
236 25.7 20.9 31.3





#78

Terphenyl-d14

Concen: 68.32 ng

RT: 12.85 min Scan# 959

Delta R.T. -0.02 min

Lab File: BF093563.D

Acq: 11 Mar 2017 10:24

Instrument :

BNA_F

ClientSampleId :

WC-AGG2-09

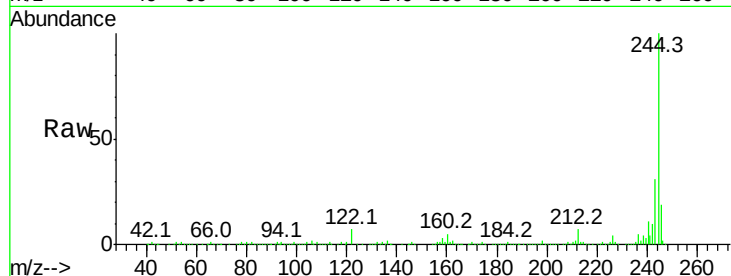
Tot Ion:244 Resp: 1242004

Ion Ratio Lower Upper

244 100

212 6.9 6.2 9.2

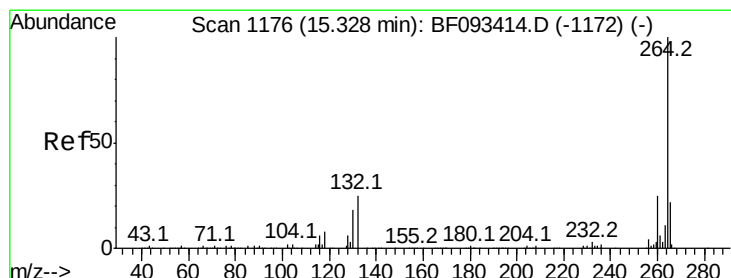
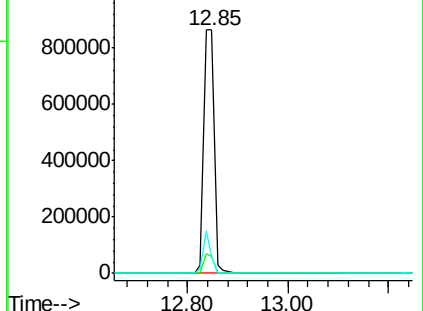
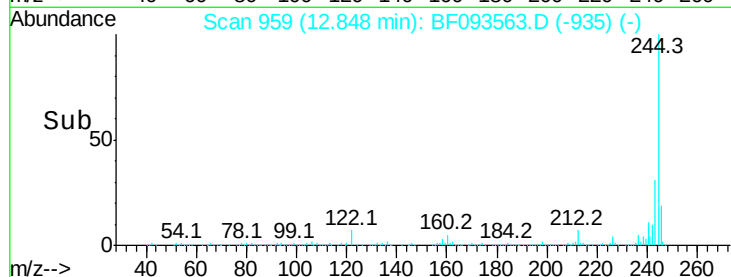
122 7.2 11.4 17.2#



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

Perylene-d12

Concen: 20.00 ng

RT: 15.31 min Scan# 1174

Delta R.T. -0.02 min

Lab File: BF093563.D

Acq: 11 Mar 2017 10:24

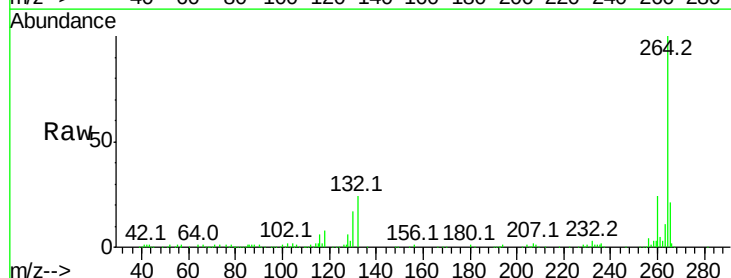
Tgt Ion:264 Resp: 315908

Ion Ratio Lower Upper

264 100

260 23.8 19.2 28.8

265 21.4 17.4 26.0



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

