

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042717\
 Data File : BF094672.D
 Acq On : 27 Apr 2017 19:14
 Operator : SJ/MA
 Sample : I2869-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 KEARNY-GEN-STA-SP-(0-2)

Quant Time: Apr 28 05:05:58 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 17 14:59:23 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.77	152	108943	20.00	ng	0.00
21) Naphthalene-d8	7.26	136	443842	20.00	ng	0.00
38) Acenaphthene-d10	9.40	164	208337	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	375627	20.00	ng	0.00
75) Chrysene-d12	14.47	240	281295	20.00	ng	0.00
86) Perylene-d12	16.09	264	203004	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.34	112	829479	126.32	ng	0.03
7) Phenol-d6	5.40	99	957259	123.66	ng	0.00
23) Nitrobenzene-d5	6.42	82	663784	92.35	ng	0.00
41) 2,4,6-Tribromophenol	10.38	330	240836	147.79	ng	0.00
44) 2-Fluorobiphenyl	8.59	172	1241983	87.71	ng	0.00
78) Terphenyl-d14	13.20	244	1128465	107.23	ng	0.00

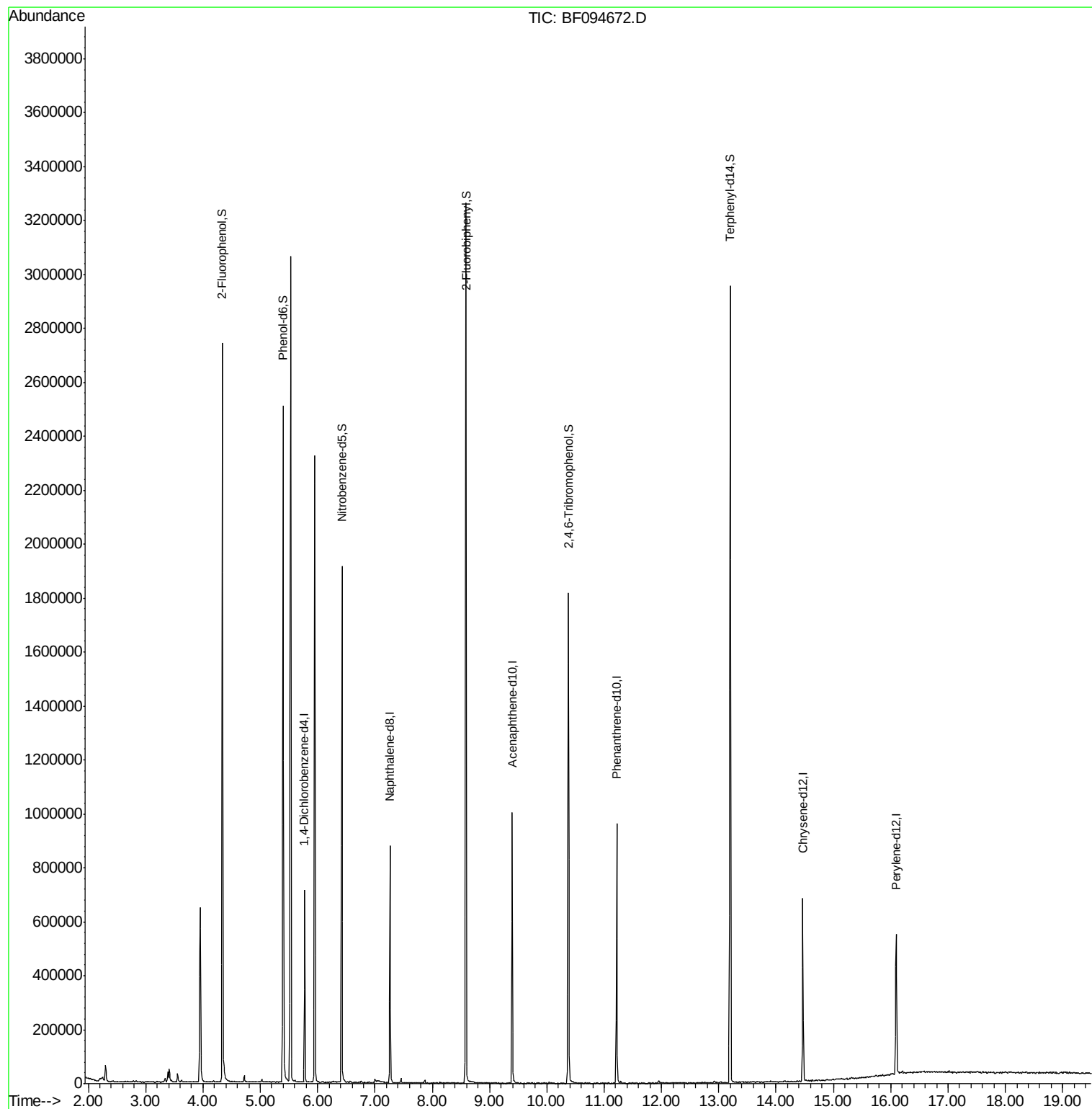
Target Compounds Qvalue

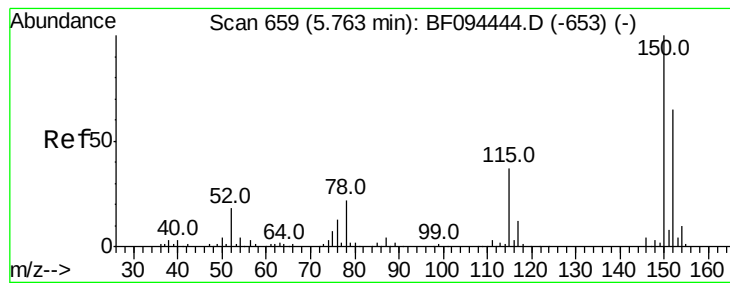
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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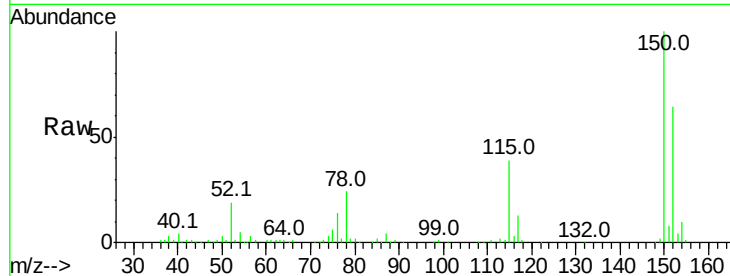


#1

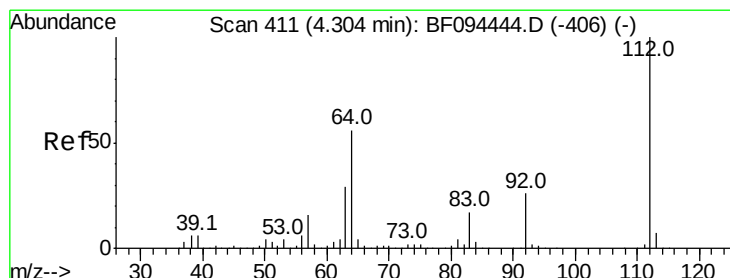
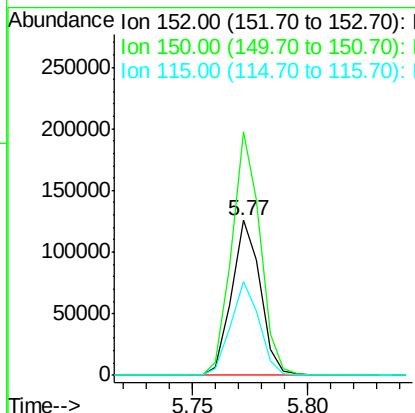
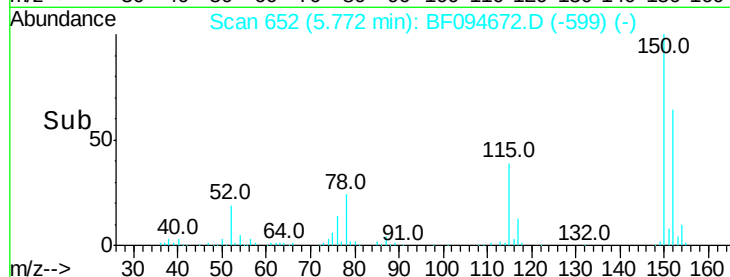
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.77 min Scan# 652
Delta R.T. 0.01 min
Lab File: BF094672.D
Acq: 27 Apr 2017 19:14

Instrument :
BNA_F
ClientSampleId :
KEARNY-GEN-STA-SP-(0-2)

Tot Ion:152 Resp: 108943
Ion Ratio Lower Upper
152 100
150 157.0 126.2 189.2
115 60.5 52.2 78.2



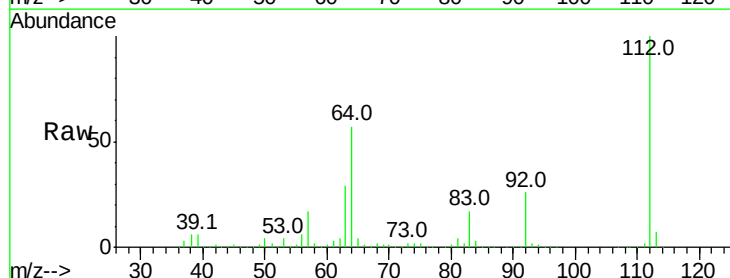
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



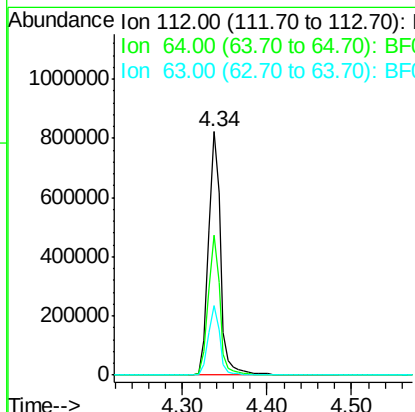
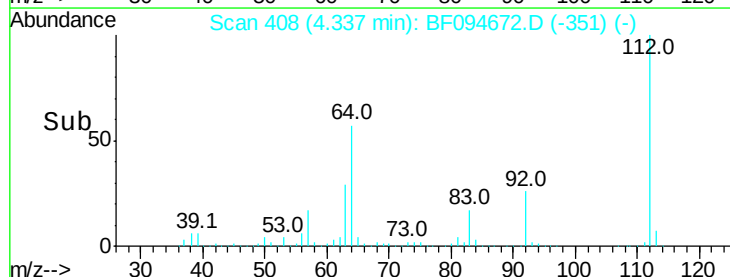
#5

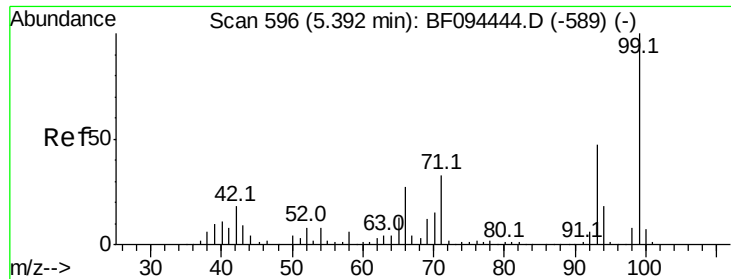
2-Fluorophenol
Concen: 126.32 ng
RT: 4.34 min Scan# 408
Delta R.T. 0.03 min
Lab File: BF094672.D
Acq: 27 Apr 2017 19:14

Tgt Ion:112 Resp: 829479
Ion Ratio Lower Upper
112 100
64 57.4 46.0 69.0
63 28.7 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: 123.66 ng

RT: 5.40 min Scan# 589

Delta R.T. 0.01 min

Lab File: BF094672.D

Acq: 27 Apr 2017 19:14

Instrument :

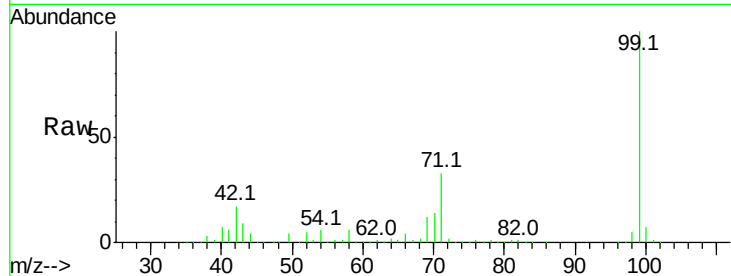
BNA_F

ClientSampleId :

KEARNY-GEN-STA-SP-(0-2)

Tot Ion: 99 Resp: 957259

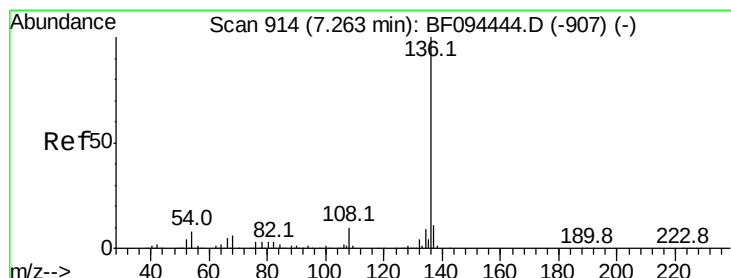
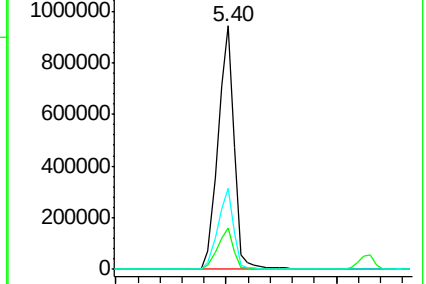
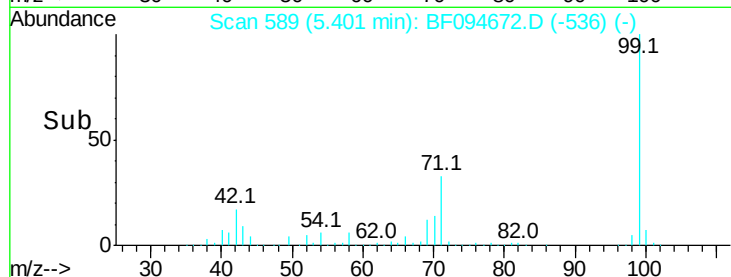
Ion	Ratio	Lower	Upper
99	100		
42	17.1	13.5	20.3
71	33.5	24.5	36.7



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.26 min Scan# 905

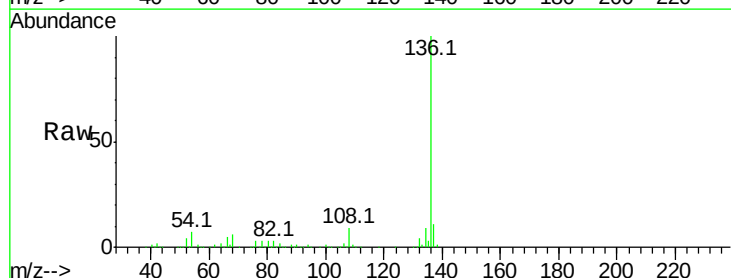
Delta R.T. -0.00 min

Lab File: BF094672.D

Acq: 27 Apr 2017 19:14

Tgt Ion: 136 Resp: 443842

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.5	12.7
54	7.1	4.9	7.3
68	5.7	4.1	6.1

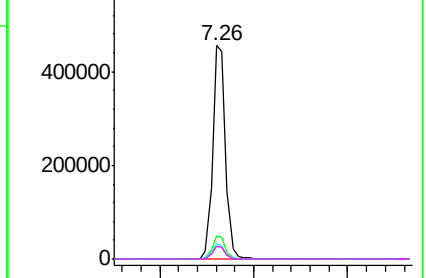
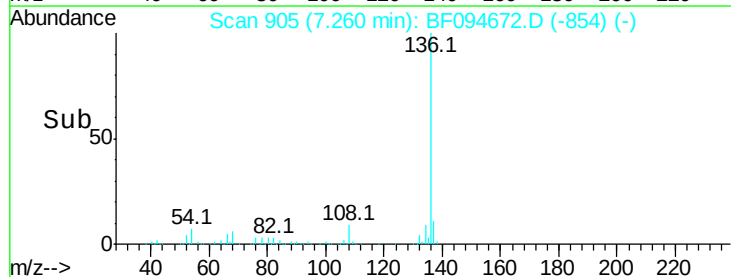


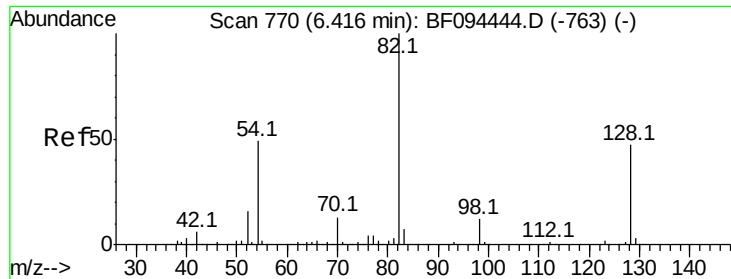
Abundance Ion 136.00 (135.70 to 136.70): E

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

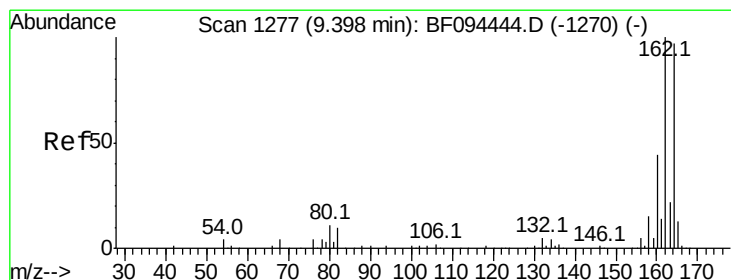
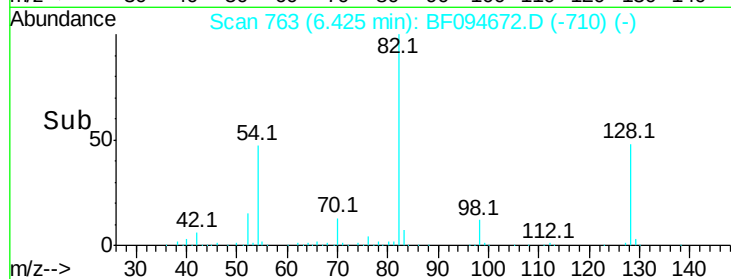
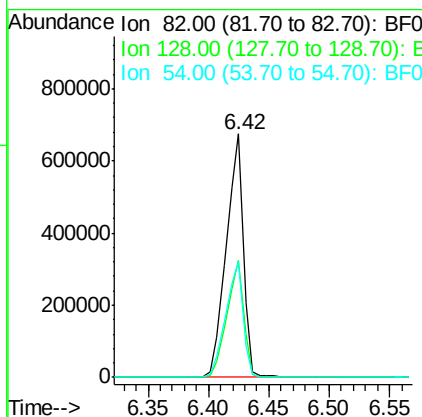
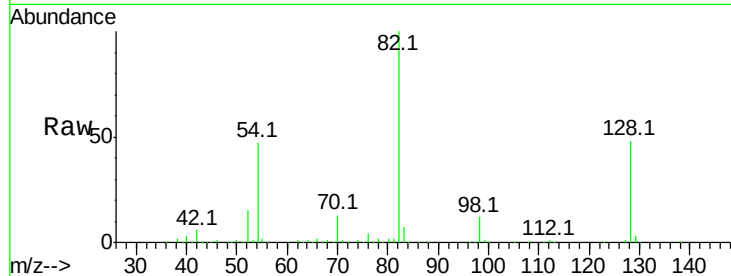




#23
 Nitrobenzene-d5
 Concen: 92.35 ng
 RT: 6.42 min Scan# 763
 Delta R.T. 0.01 min
 Lab File: BF094672.D
 Acq: 27 Apr 2017 19:14

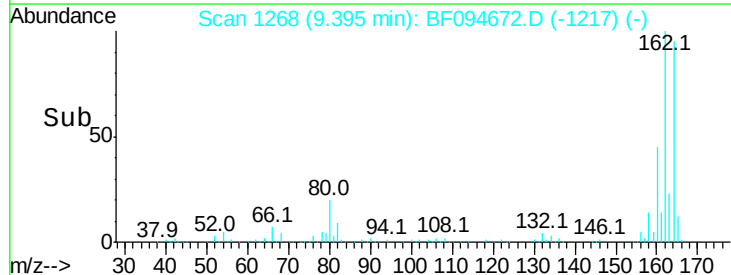
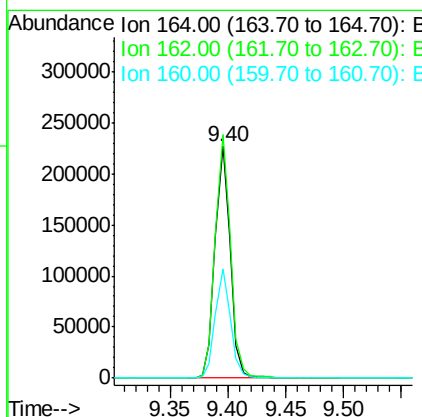
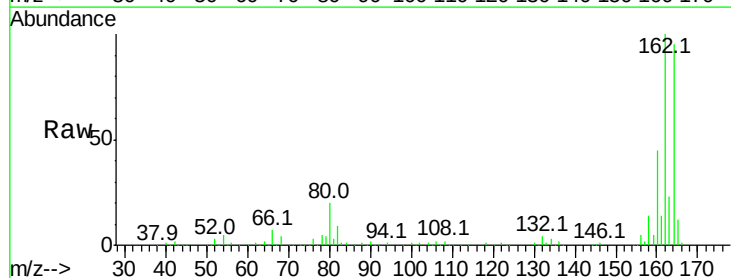
Instrument :
 BNA_F
 ClientSampleId :
 KEARNY-GEN-STA-SP-(0-2)

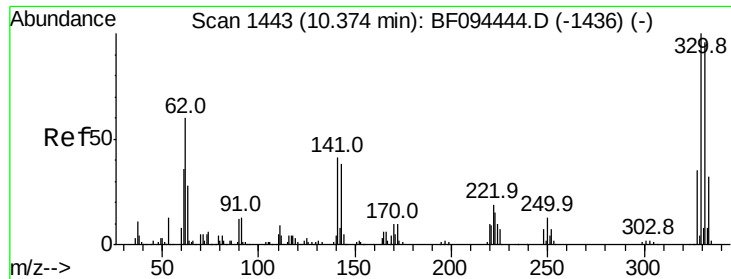
Tot Ion	82	Resp	663784
Ion Ratio	Lower	Upper	
82	100		
128	47.8	34.0	51.0
54	47.3	42.2	63.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.40 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: BF094672.D
 Acq: 27 Apr 2017 19:14

Tgt Ion	164	Resp	208337
Ion Ratio	Lower	Upper	
164	100		
162	105.1	82.6	123.8
160	47.0	36.2	54.2

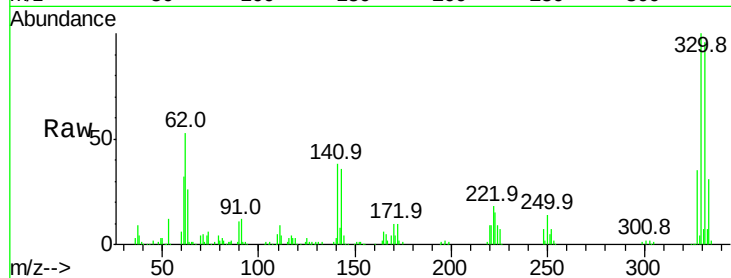




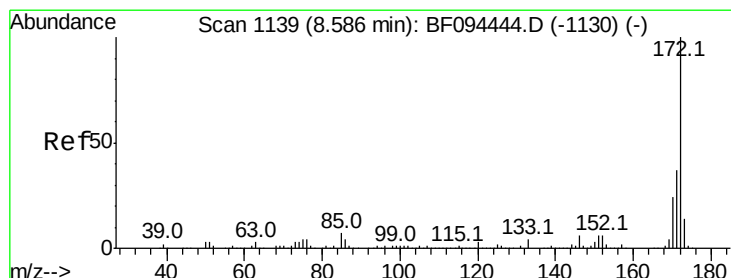
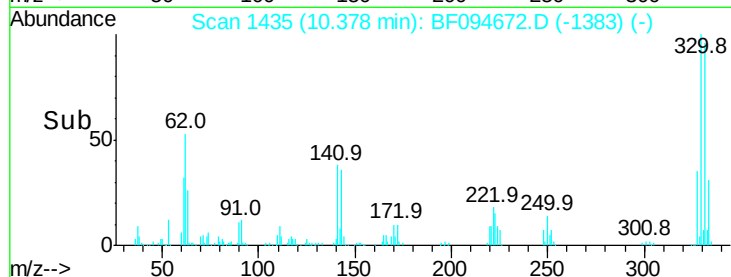
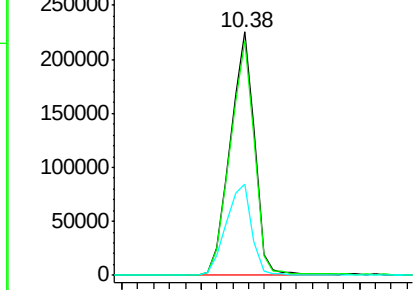
#41
 2,4,6-Tribromophenol
 Concen: 147.79 ng
 RT: 10.38 min Scan# 1435
 Delta R.T. 0.00 min
 Lab File: BF094672.D
 Acq: 27 Apr 2017 19:14

Instrument :
 BNA_F
 ClientSampleId :
 KEARNY-GEN-STA-SP-(0-2)

Tot Ion:330 Resp: 240836
 Ion Ratio Lower Upper
 330 100
 332 96.7 76.6 115.0
 141 39.8 31.4 47.2

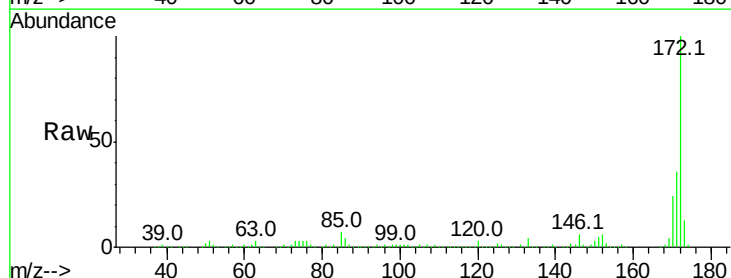


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

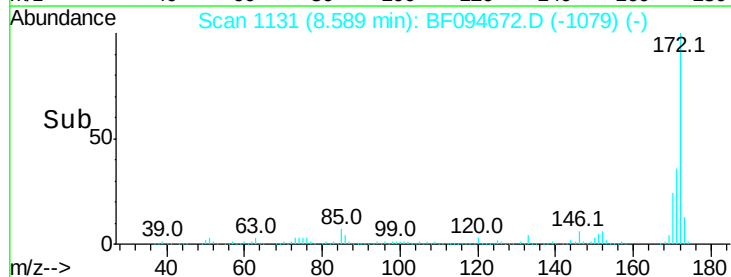
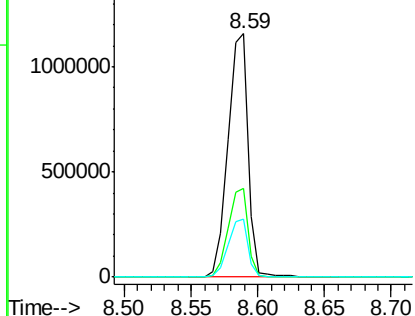


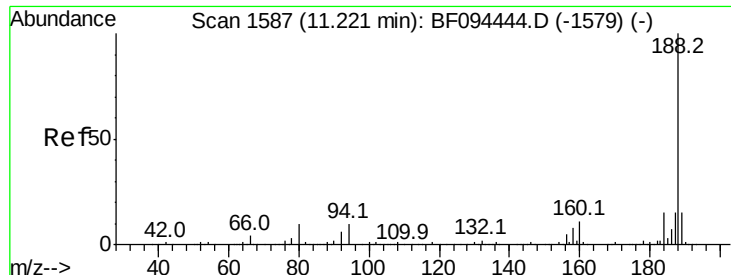
#44
 2-Fluorobiphenyl
 Concen: 87.71 ng
 RT: 8.59 min Scan# 1131
 Delta R.T. 0.00 min
 Lab File: BF094672.D
 Acq: 27 Apr 2017 19:14

Tgt Ion:172 Resp: 1241983
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.6 44.4
 170 23.9 19.8 29.8



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: 11.22 min Scan# 1578

Delta R.T. -0.00 min

Lab File: BF094672.D

Acq: 27 Apr 2017 19:14

Instrument :

BNA_F

ClientSampleId :

KEARNY-GEN-STA-SP-(0-2)

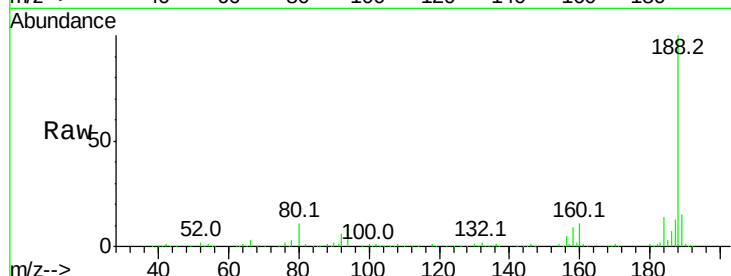
Tot Ion:188 Resp: 375627

Ion Ratio Lower Upper

188 100

94 10.4 9.4 14.2

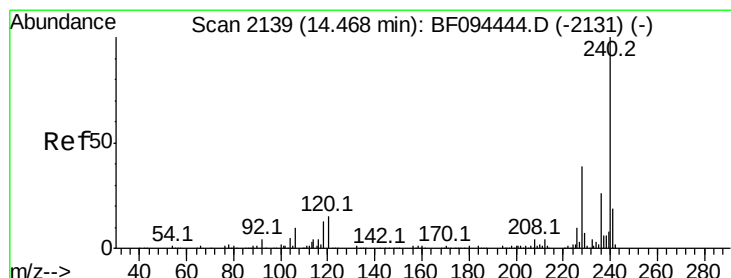
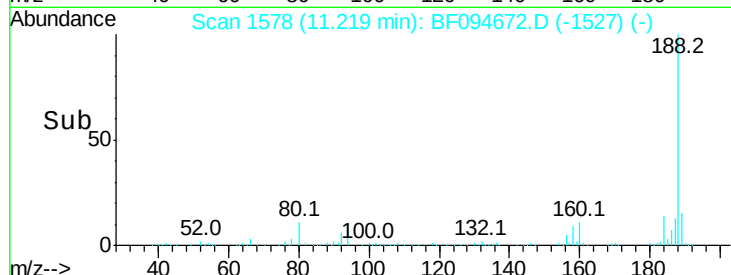
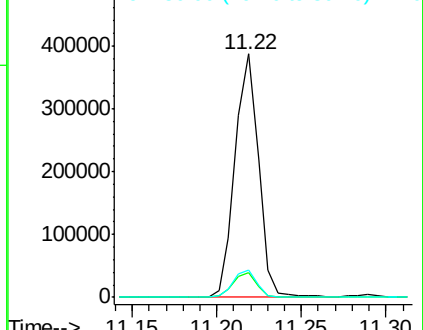
80 11.3 10.2 15.2



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: 14.47 min Scan# 2130

Delta R.T. -0.00 min

Lab File: BF094672.D

Acq: 27 Apr 2017 19:14

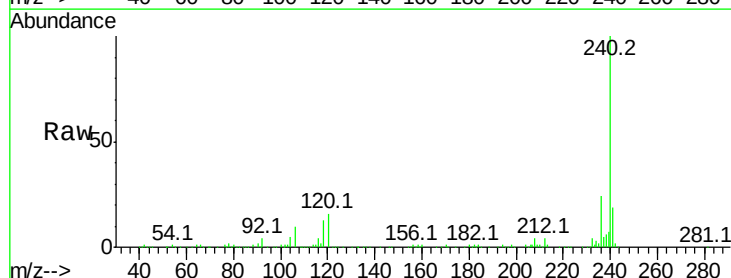
Tgt Ion:240 Resp: 281295

Ion Ratio Lower Upper

240 100

120 16.0 5.8 8.8#

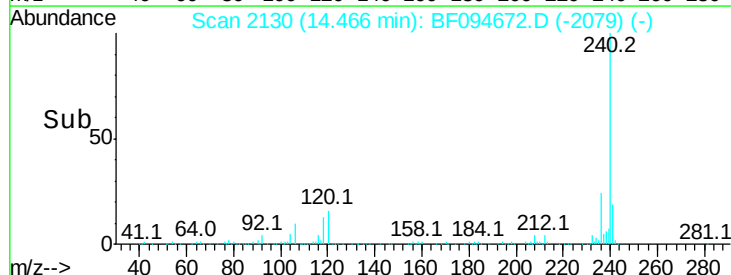
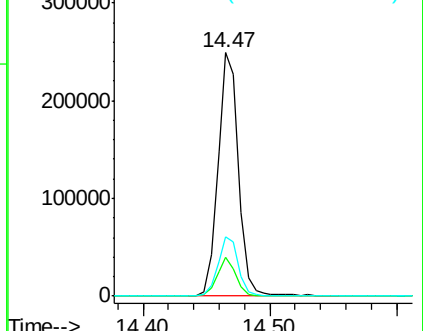
236 24.2 20.5 30.7

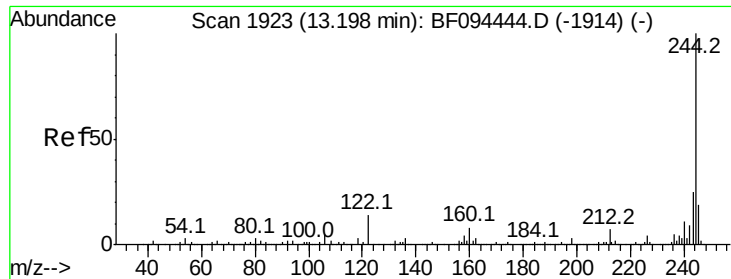


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 107.23 ng

RT: 13.20 min Scan# 1915

Delta R.T. 0.00 min

Lab File: BF094672.D

Acq: 27 Apr 2017 19:14

Instrument :

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KEARNY-GEN-STA-SP-(0-2)

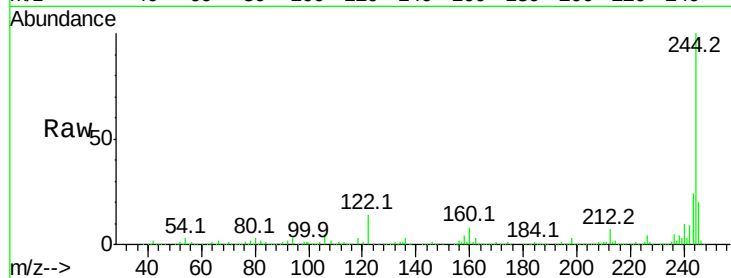
Tot Ion:244 Resp: 1128465

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

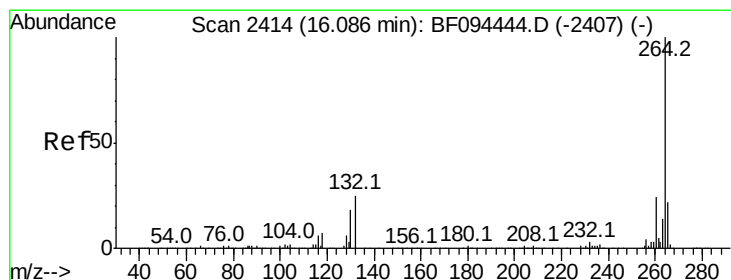
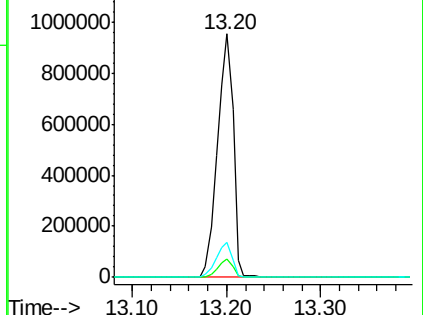
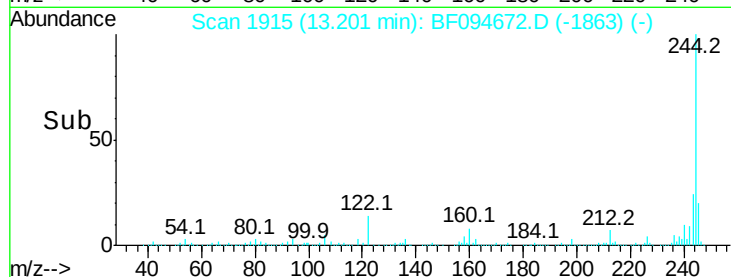
122 14.4 10.3 15.5



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: 16.09 min Scan# 2407

Delta R.T. 0.01 min

Lab File: BF094672.D

Acq: 27 Apr 2017 19:14

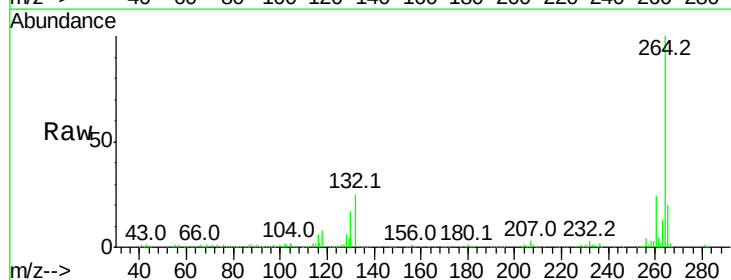
Tgt Ion:264 Resp: 203004

Ion Ratio Lower Upper

264 100

260 23.9 19.5 29.3

265 20.5 17.2 25.8



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

