

Data Path : Z:\HPCHEM1\BNA F\DATA\BF103117\
 Data File : BF100032.D
 Acq On : 1 Nov 2017 7:19
 Operator : SJ/JU
 Sample : I6094-03
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMMACK-EAST-COMP(0-3)

Quant Time: Nov 01 08:59:04 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 31 16:51:57 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	86988	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	364067	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	171707	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	294382	20.00	ng	0.00
75) Chrysene-d12	13.98	240	179974	20.00	ng	0.00
86) Perylene-d12	15.47	264	152156	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	657784	118.72	ng	0.02
7) Phenol-d6	6.44	99	713154	108.55	ng	0.00
23) Nitrobenzene-d5	7.36	82	498150	88.09	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	207152	132.38	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1049335	94.29	ng	0.00
78) Terphenyl-d14	12.91	244	888743	107.92	ng	0.00

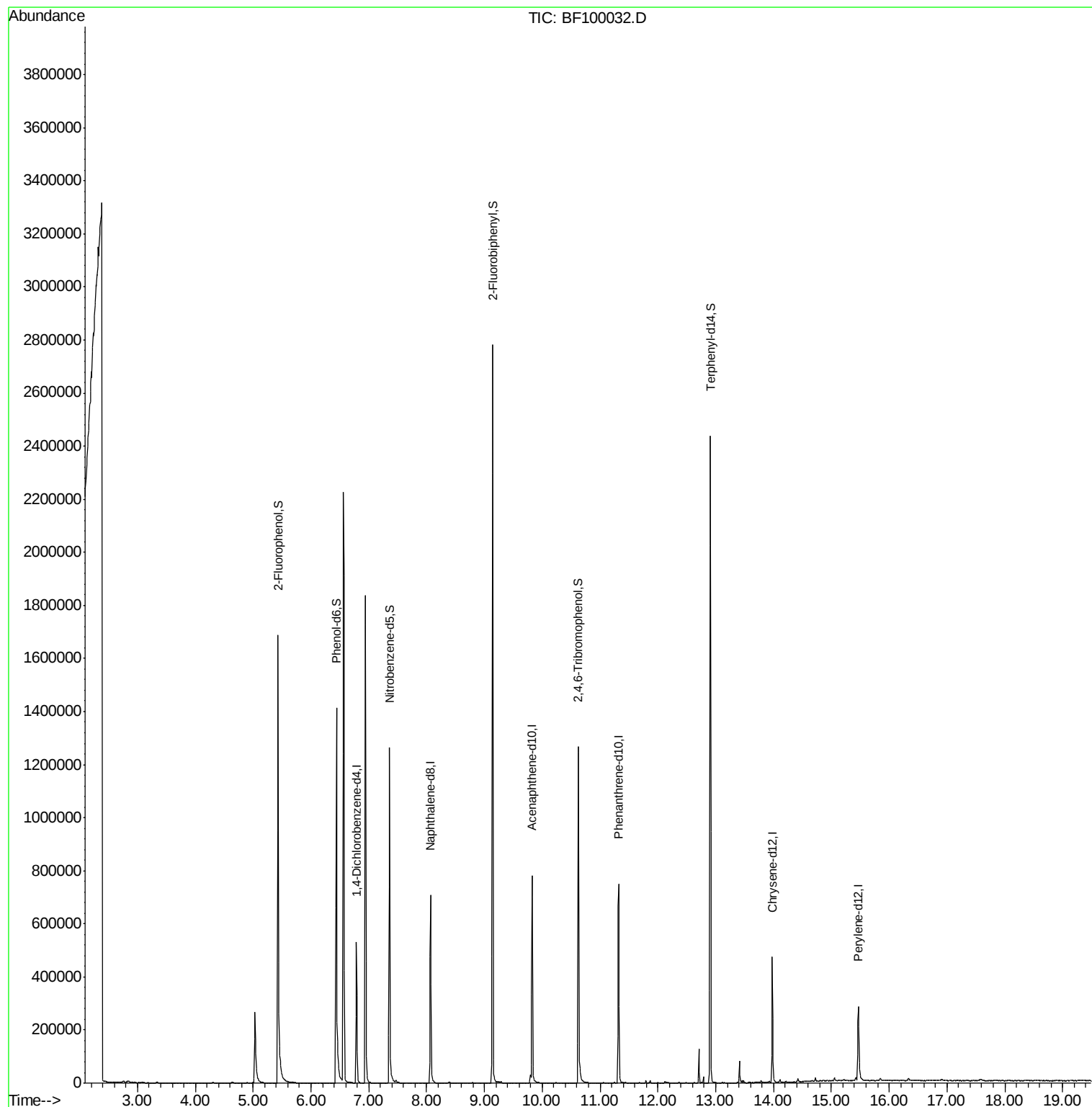
Target Compounds	Qvalue
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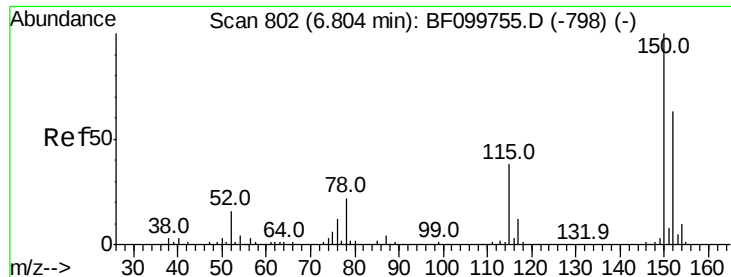
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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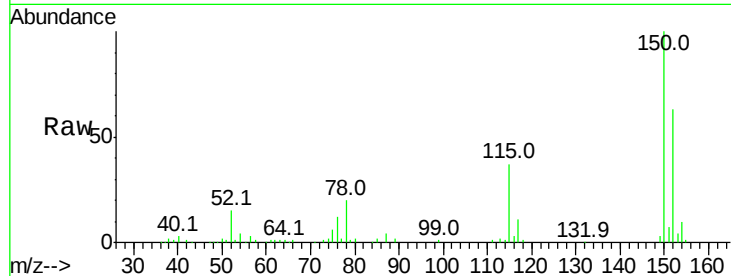




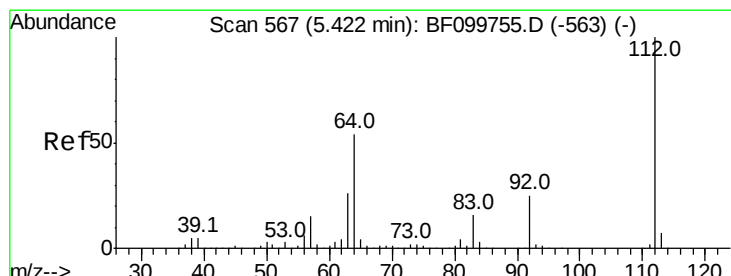
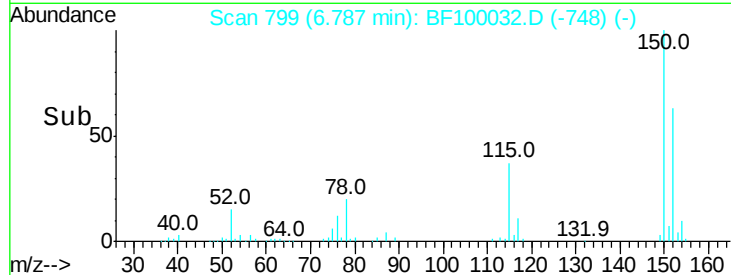
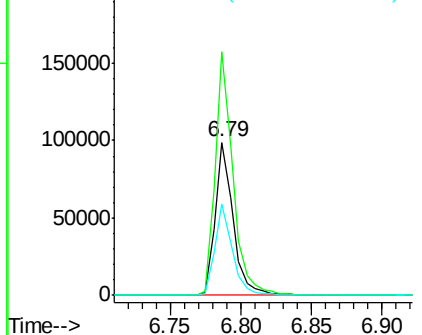
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 799
 Delta R.T. 0.00 min
 Lab File: BF100032.D
 Acq: 1 Nov 2017 7:19

Instrument :
 BNA_F
 ClientSampleId :
 COMMACK-EAST-COMP(0-3)

Tot Ion:152 Resp: 86988
 Ion Ratio Lower Upper
 152 100
 150 159.2 124.6 186.8
 115 59.3 50.1 75.1

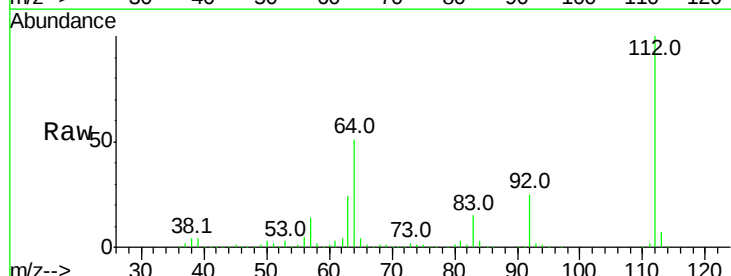


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

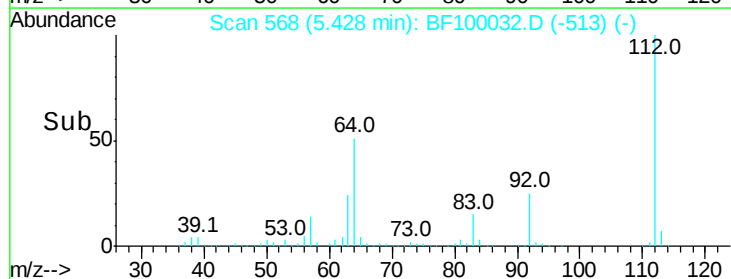
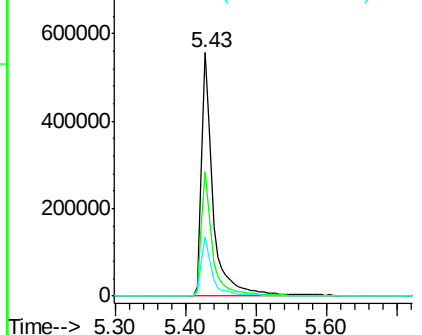


#5
 2-Fluorophenol
 Concen: 118.717 ng
 RT: 5.43 min Scan# 568
 Delta R.T. 0.02 min
 Lab File: BF100032.D
 Acq: 1 Nov 2017 7:19

Tgt Ion:112 Resp: 657784
 Ion Ratio Lower Upper
 112 100
 64 51.1 47.9 71.9
 63 24.5 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF1
 Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 108.551 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.01 min

Lab File: BF100032.D

Acq: 1 Nov 2017 7:19

Instrument :

BNA_F

ClientSampleId :

COMMACK-EAST-COMP(0-3)

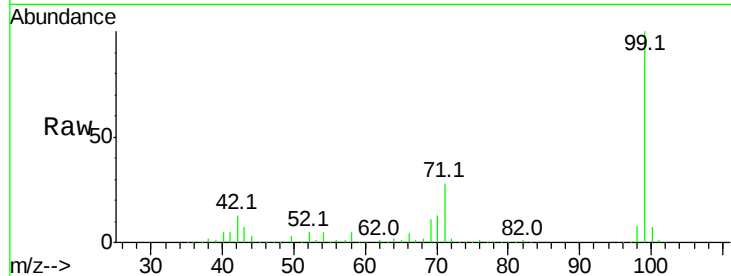
Tot Ion: 99 Resp: 713154

Ion Ratio Lower Upper

99 100

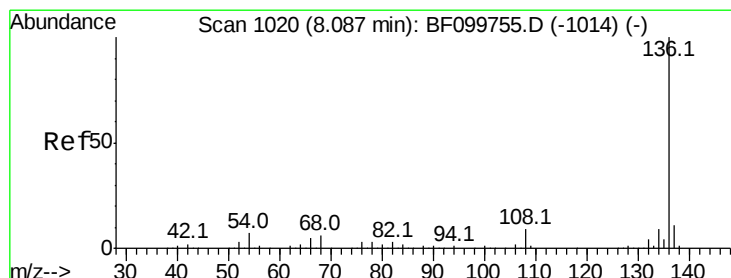
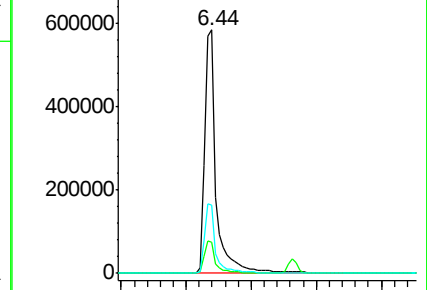
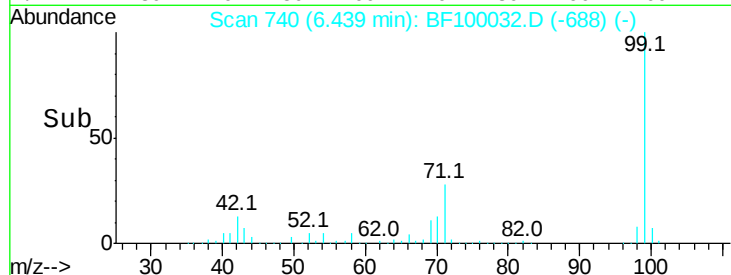
42 13.0 14.5 21.7#

71 28.0 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1

6.44



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1017

Delta R.T. 0.00 min

Lab File: BF100032.D

Acq: 1 Nov 2017 7:19

Tgt Ion: 136 Resp: 364067

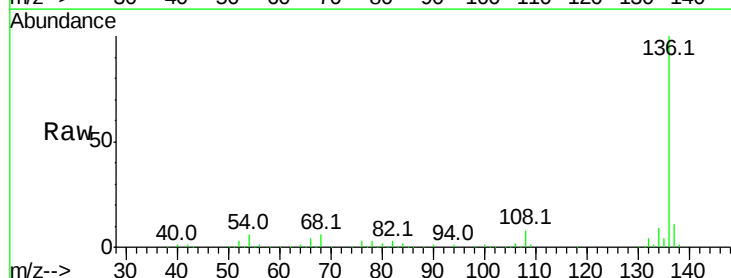
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

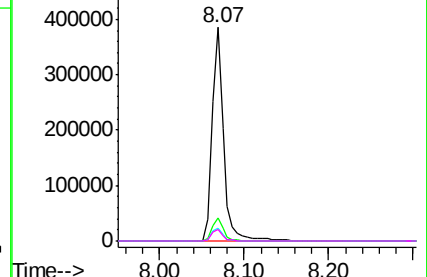
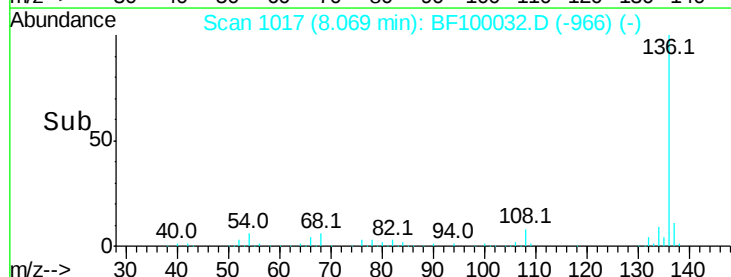
54 5.9 6.6 9.8#

68 5.5 5.0 7.4



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): BF1
Ion 68.00 (67.70 to 68.70): BF1

8.07

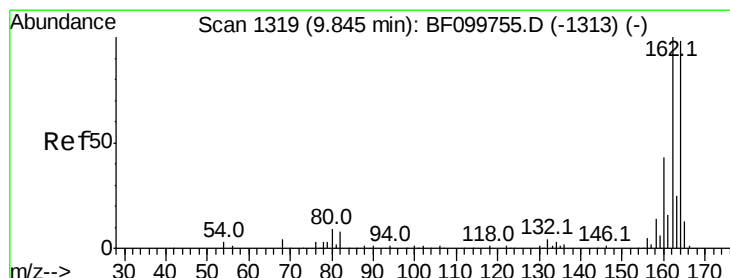
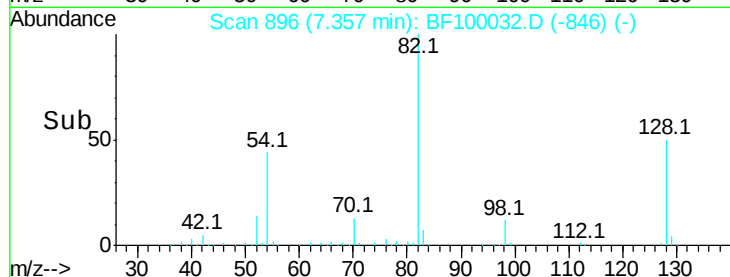
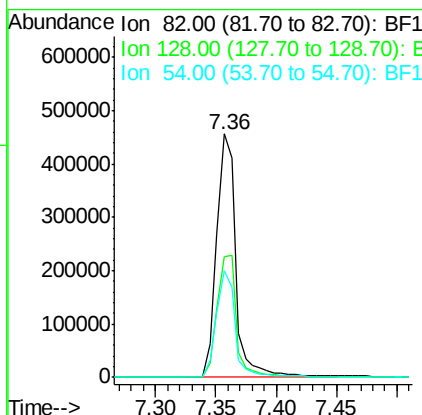
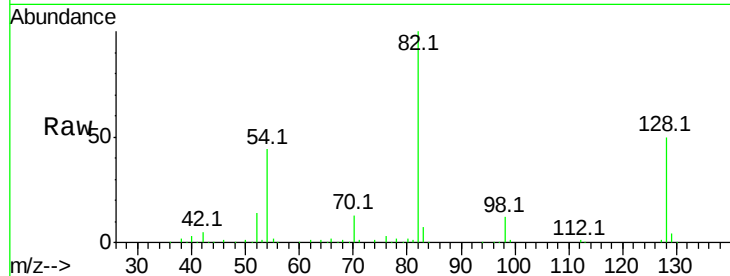




#23
 Nitrobenzene-d5
 Concen: 88.091 ng
 RT: 7.36 min Scan# 896
 Delta R.T. -0.01 min
 Lab File: BF100032.D
 Acq: 1 Nov 2017 7:19

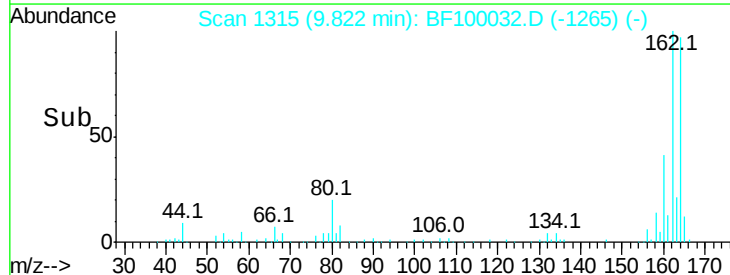
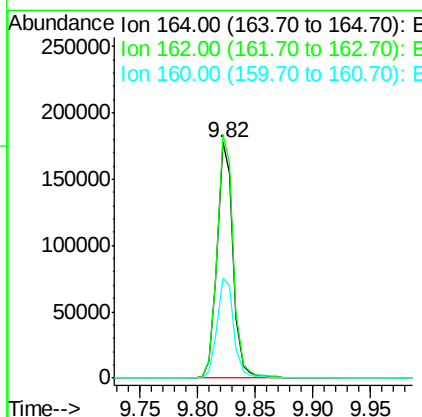
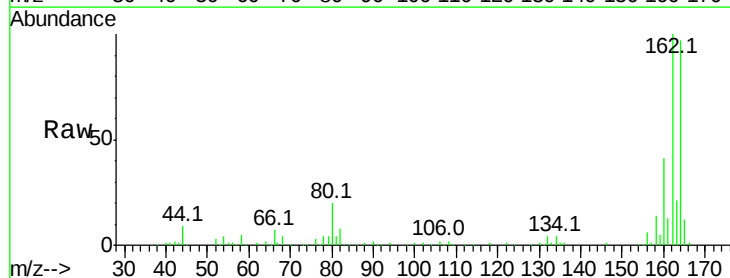
Instrument :
 BNA_F
 ClientSampleId :
 COMMACK-EAST-COMP(0-3)

Tot Ion: 82 Resp: 498150
 Ion Ratio Lower Upper
 82 100
 128 49.6 36.1 54.1
 54 43.9 41.4 62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: BF100032.D
 Acq: 1 Nov 2017 7:19

Tgt Ion: 164 Resp: 171707
 Ion Ratio Lower Upper
 164 100
 162 103.3 86.1 129.1
 160 42.5 38.3 57.5

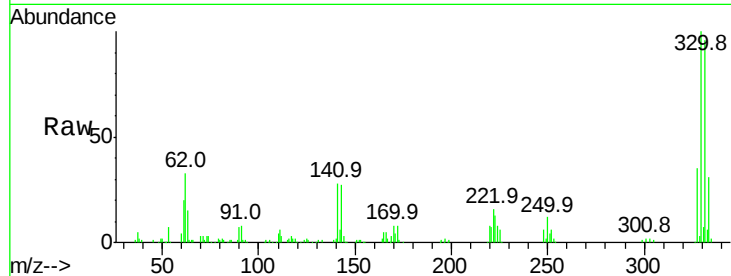




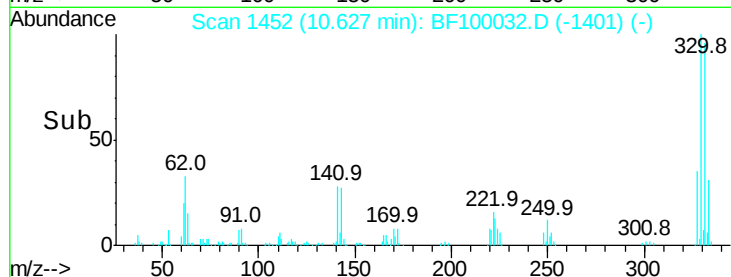
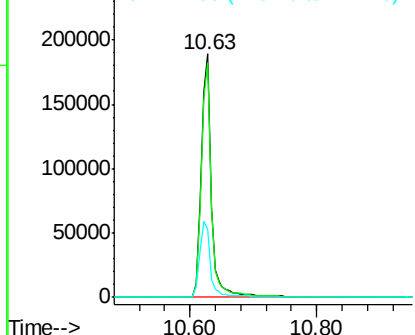
#41
 2,4,6-Tribromophenol
 Concen: 132.383 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. 0.00 min
 Lab File: BF100032.D
 Acq: 1 Nov 2017 7:19

Instrument :
 BNA_F
 ClientSampleId :
 COMMACK-EAST-COMP(0-3)

Tot Ion:330 Resp: 207152
 Ion Ratio Lower Upper
 330 100
 332 95.5 77.0 115.6
 141 33.4 29.9 44.9

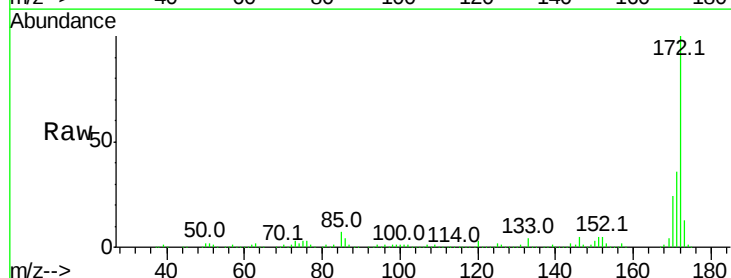


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

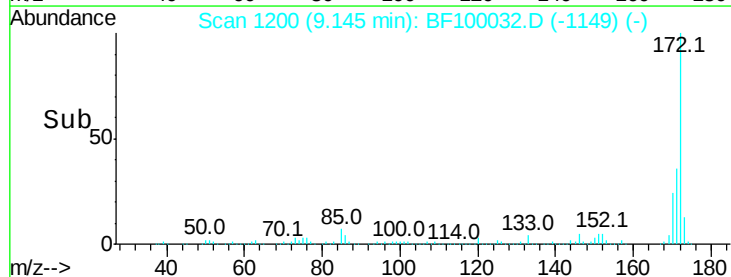
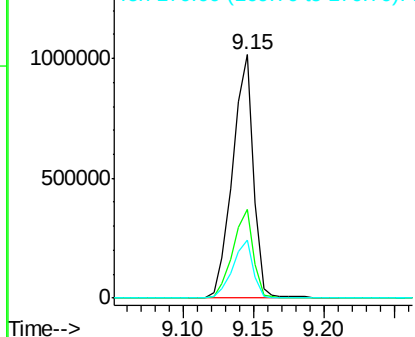


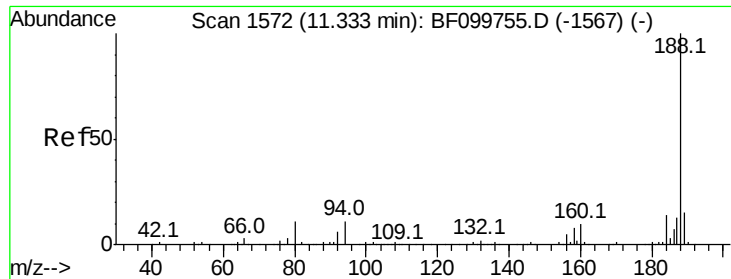
#44
 2-Fluorobiphenyl
 Concen: 94.286 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. 0.00 min
 Lab File: BF100032.D
 Acq: 1 Nov 2017 7:19

Tgt Ion:172 Resp: 1049335
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.7 44.5
 170 23.7 19.6 29.4



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

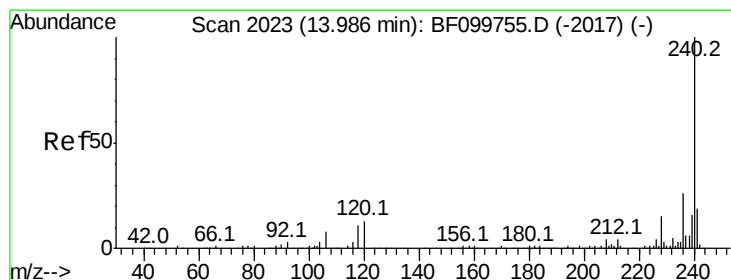
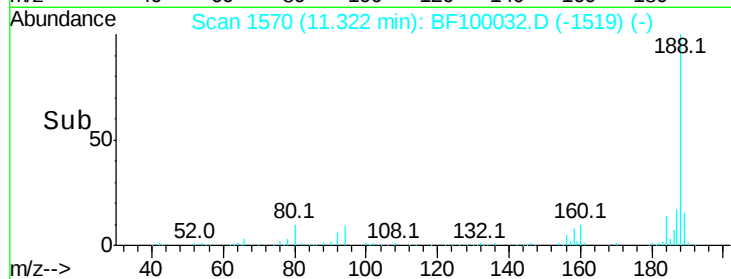
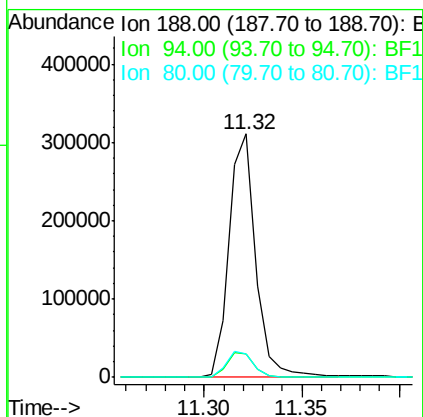
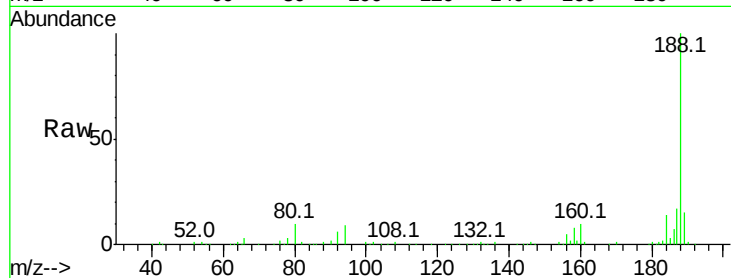




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. 0.00 min
Lab File: BF100032.D
Acq: 1 Nov 2017 7:19

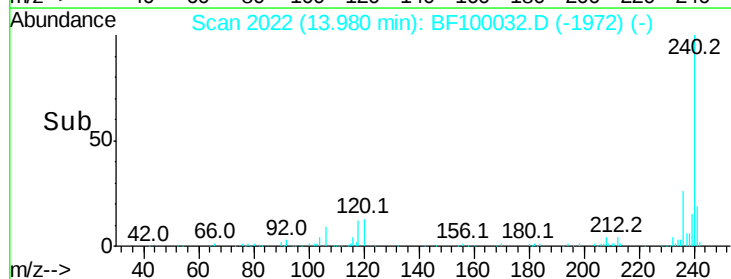
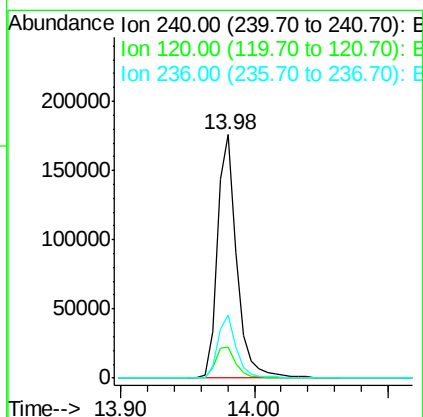
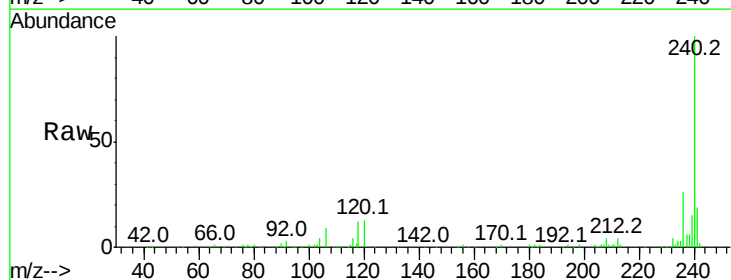
Instrument :
BNA_F
ClientSampleId :
COMMACK-EAST-COMP(0-3)

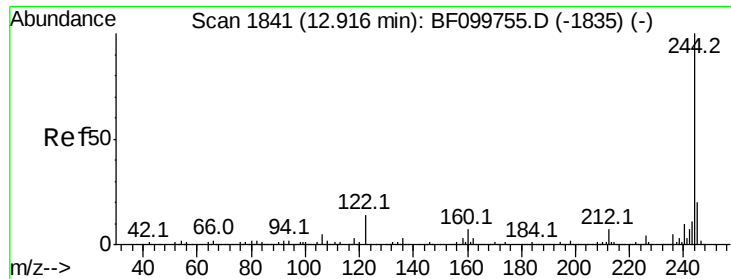
Tot Ion:188 Resp: 294382
Ion Ratio Lower Upper
188 100
94 9.5 8.5 12.7
80 9.7 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BF100032.D
Acq: 1 Nov 2017 7:19

Tgt Ion:240 Resp: 179974
Ion Ratio Lower Upper
240 100
120 12.6 9.5 14.3
236 26.0 20.7 31.1

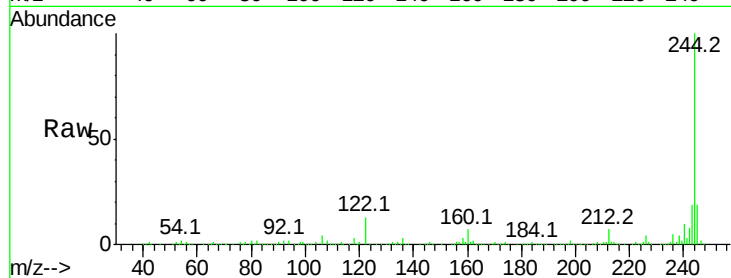




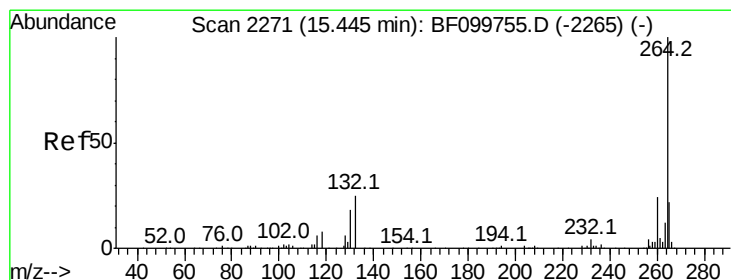
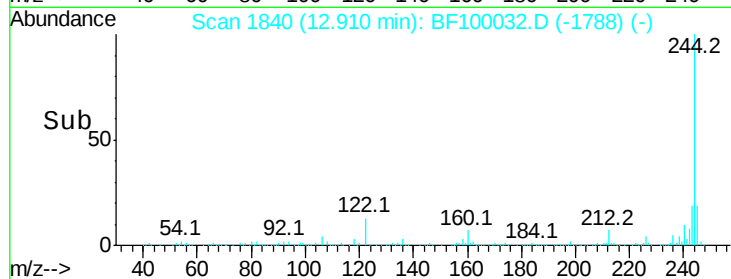
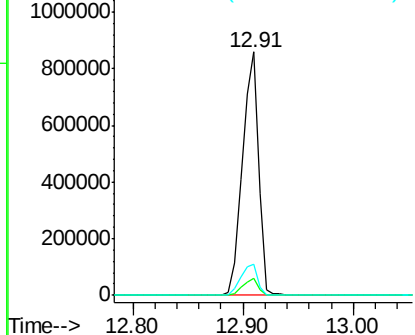
#78
 Terphenyl-d14
 Concen: 107.917 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. 0.01 min
 Lab File: BF100032.D
 Acq: 1 Nov 2017 7:19

Instrument :
 BNA_F
 ClientSampleId :
 COMMACK-EAST-COMP(0-3)

Tot Ion:244 Resp: 888743
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 13.0 11.0 16.4

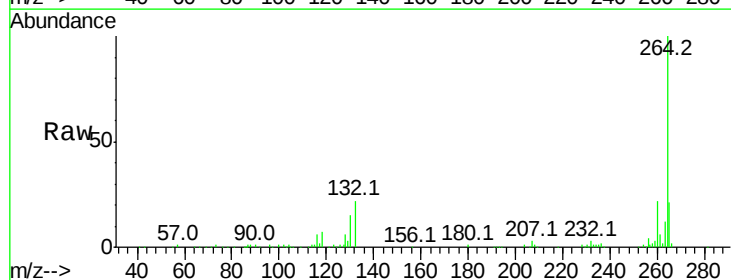


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2275
 Delta R.T. -0.01 min
 Lab File: BF100032.D
 Acq: 1 Nov 2017 7:19

Tgt Ion:264 Resp: 152156
 Ion Ratio Lower Upper
 264 100
 260 22.1 19.2 28.8
 265 20.9 17.5 26.3



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

