

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110317\
 Data File : BF100150.D
 Acq On : 3 Nov 2017 22:20
 Operator : SJ/JU
 Sample : I6294-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 N48971

Quant Time: Nov 04 00:02:32 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 03 15:46:10 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	94985	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	400133	20.00	ng	0.00
38) Acenaphthene-d10	9.80	164	174197	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	273192	20.00	ng	0.00
75) Chrysene-d12	13.95	240	147636	20.00	ng	0.00
86) Perylene-d12	15.41	264	153461	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	413567	68.36	ng	0.00
7) Phenol-d6	6.42	99	320727	44.71	ng	-0.01
23) Nitrobenzene-d5	7.35	82	514019	82.70	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	177374	111.73	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	961209	85.13	ng	0.00
78) Terphenyl-d14	12.88	244	648295	95.96	ng	0.00

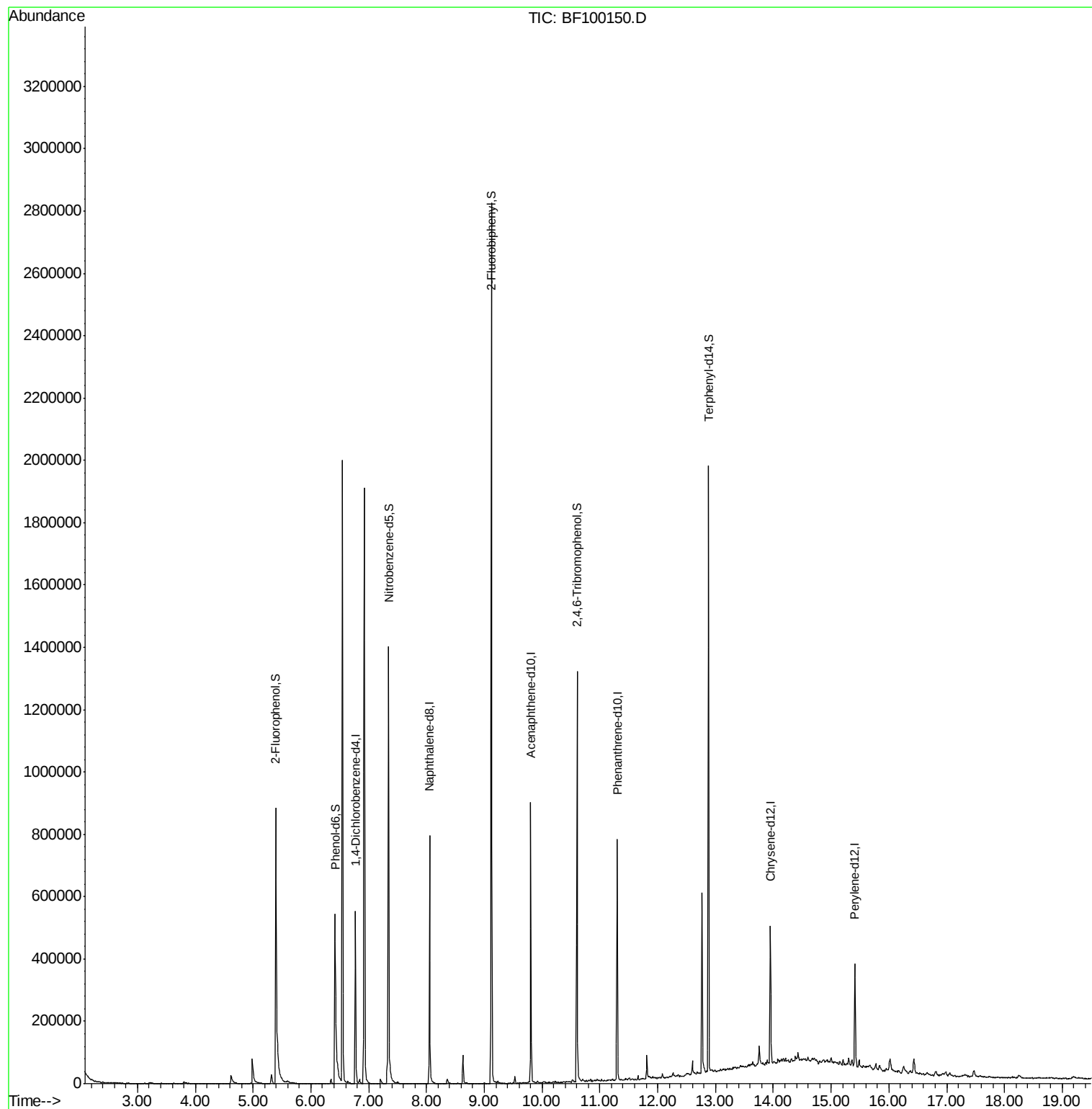
Target Compounds	Qvalue
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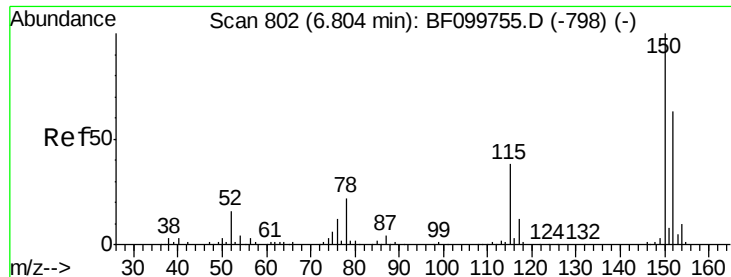
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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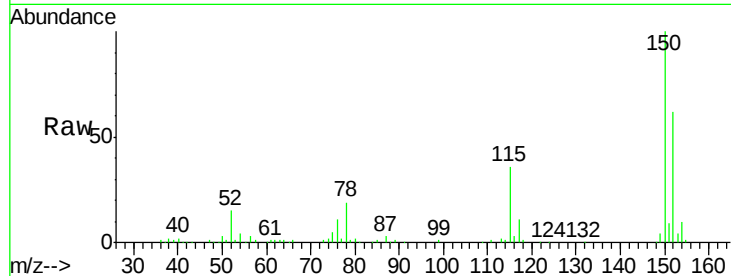


#1

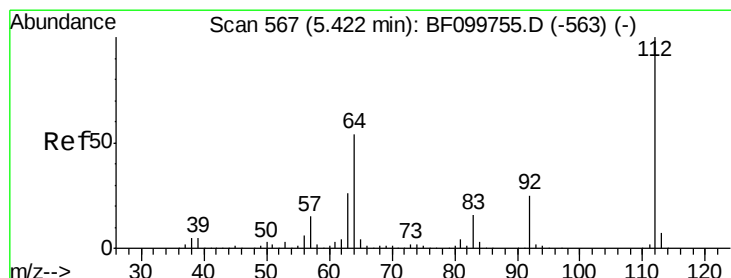
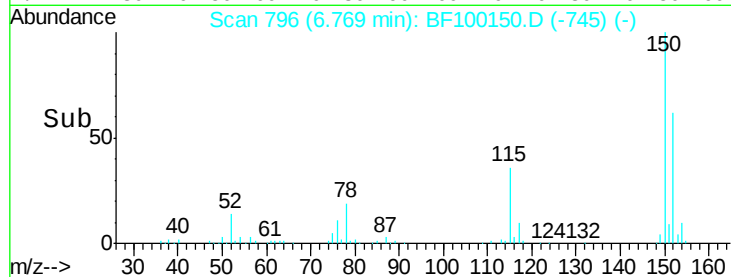
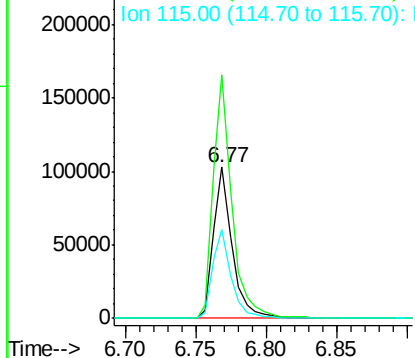
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 796
Delta R.T. -0.00 min
Lab File: BF100150.D
Acq: 3 Nov 2017 22:20

Instrument :
BNA_F
ClientSampled :
N48971

Tgt Ion:152 Resp: 94985
Ion Ratio Lower Upper
152 100
150 161.0 124.6 186.8
115 58.5 50.1 75.1



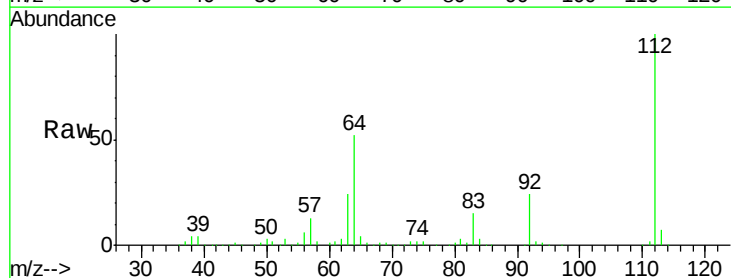
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



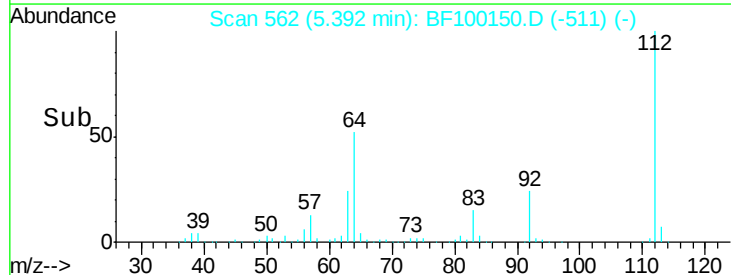
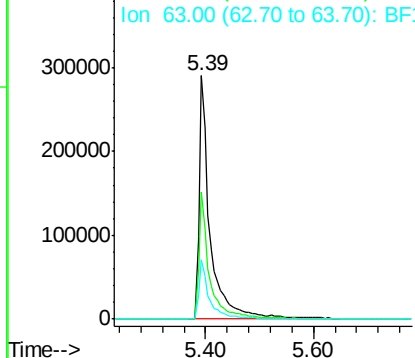
#5

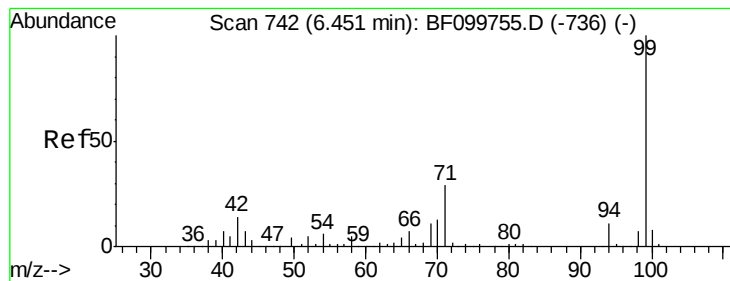
2-Fluorophenol
Concen: 68.357 ng
RT: 5.39 min Scan# 562
Delta R.T. -0.00 min
Lab File: BF100150.D
Acq: 3 Nov 2017 22:20

Tgt Ion:112 Resp: 413567
Ion Ratio Lower Upper
112 100
64 52.4 47.9 71.9
63 24.4 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: 44.708 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF100150.D

Acq: 3 Nov 2017 22:20

Instrument :

BNA_F

ClientSampleId :

N48971

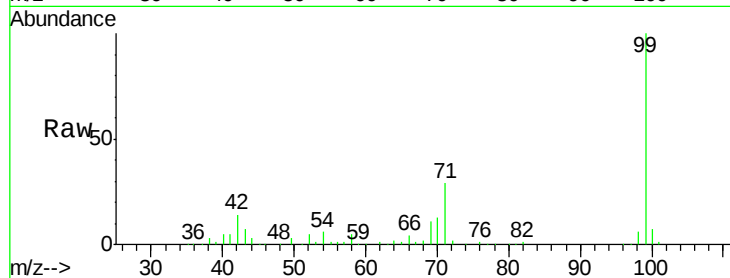
Tgt Ion: 99 Resp: 320727

Ion Ratio Lower Upper

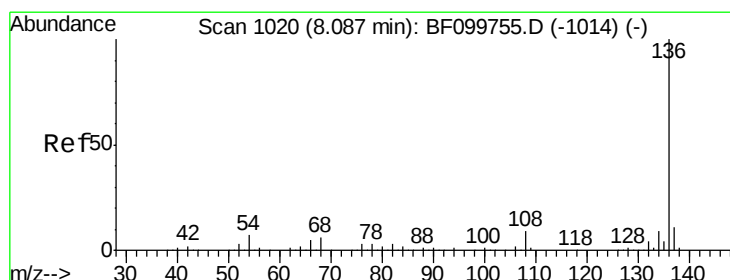
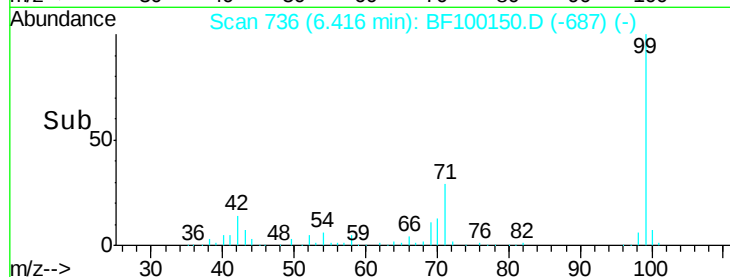
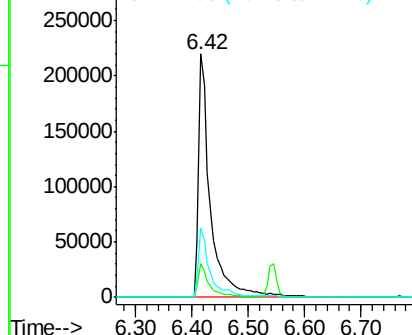
99 100

42 14.0 14.5 21.7#

71 28.7 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.05 min Scan# 1014

Delta R.T. -0.00 min

Lab File: BF100150.D

Acq: 3 Nov 2017 22:20

Tgt Ion: 136 Resp: 400133

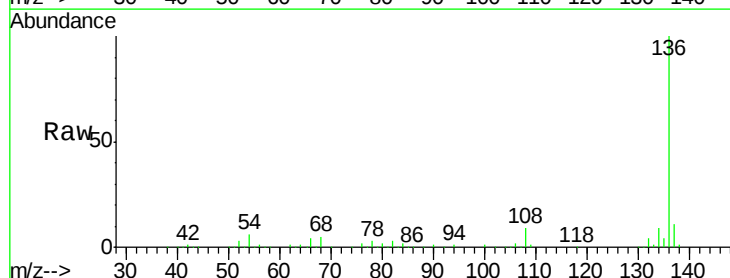
Ion Ratio Lower Upper

136 100

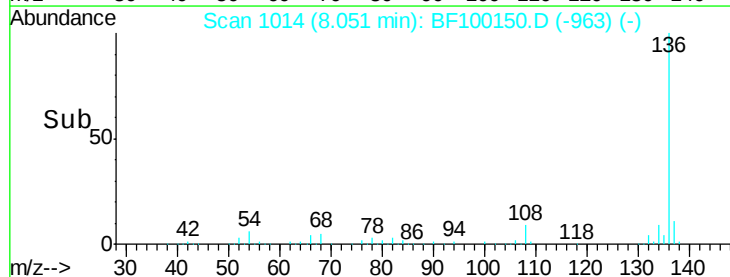
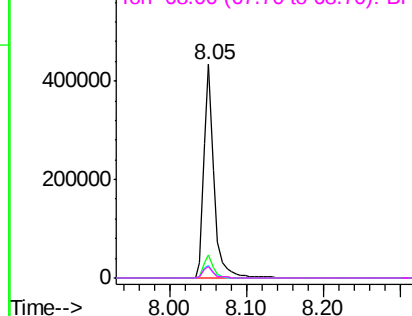
137 10.9 8.9 13.3

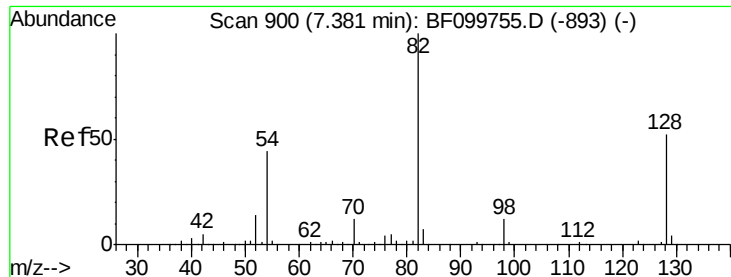
54 5.9 6.6 9.8#

68 5.4 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

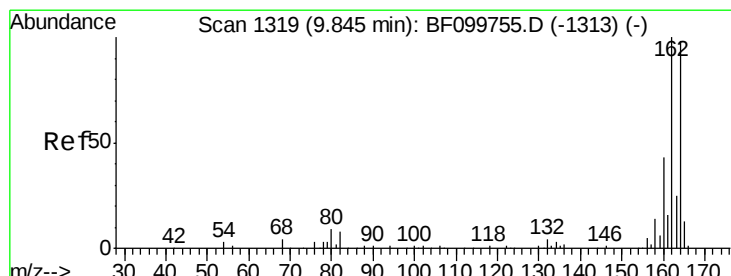
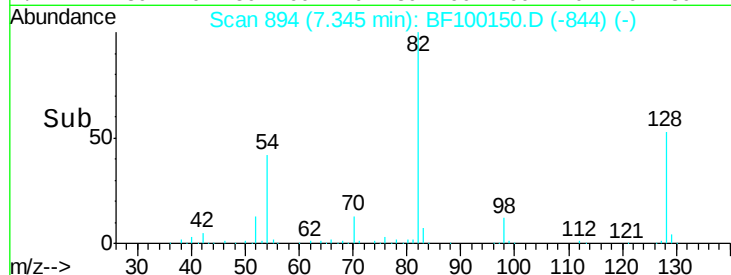
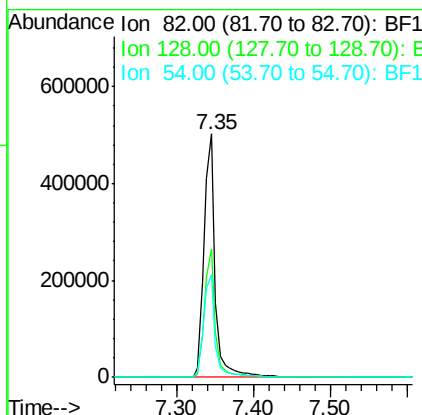
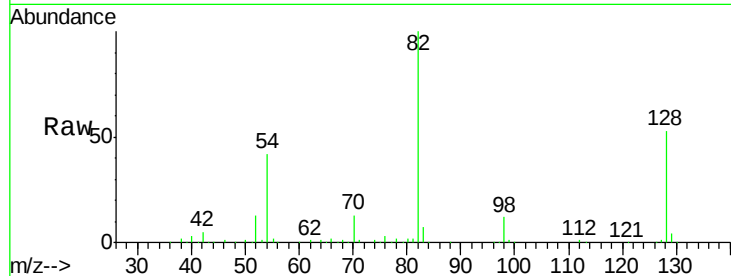




#23
 Nitrobenzene-d5
 Concen: 82.704 ng
 RT: 7.35 min Scan# 894
 Delta R.T. -0.01 min
 Lab File: BF100150.D
 Acq: 3 Nov 2017 22:20

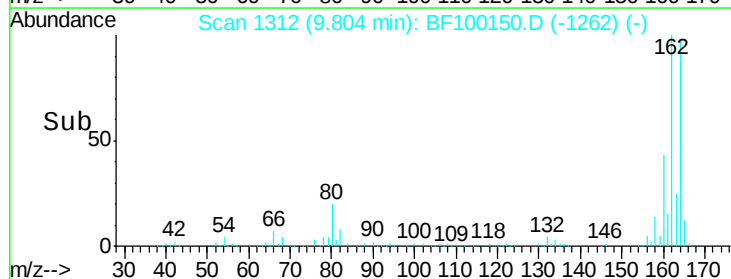
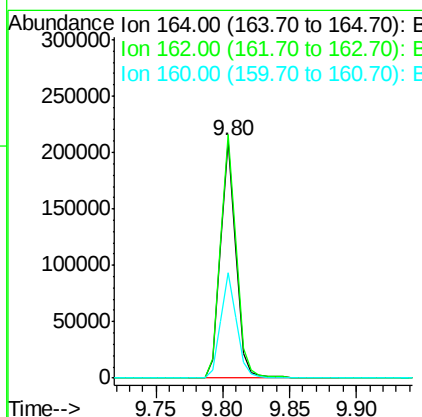
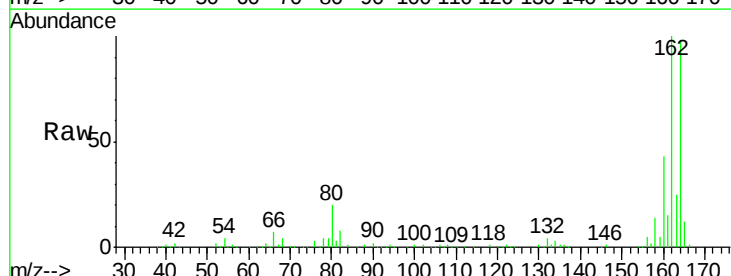
Instrument :
 BNA_F
 ClientSampleId :
 N48971

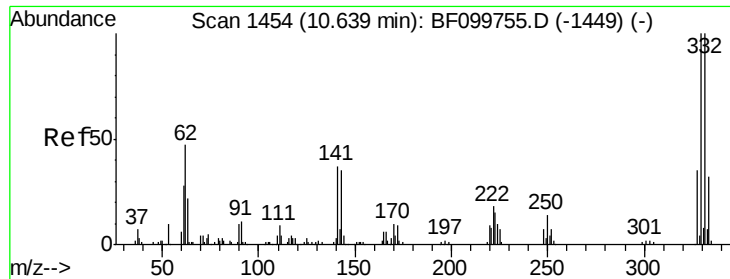
Tgt Ion: 82 Resp: 514019
 Ion Ratio Lower Upper
 82 100
 128 52.7 36.1 54.1
 54 42.1 41.4 62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.80 min Scan# 1312
 Delta R.T. -0.01 min
 Lab File: BF100150.D
 Acq: 3 Nov 2017 22:20

Tgt Ion: 164 Resp: 174197
 Ion Ratio Lower Upper
 164 100
 162 102.4 86.1 129.1
 160 44.5 38.3 57.5

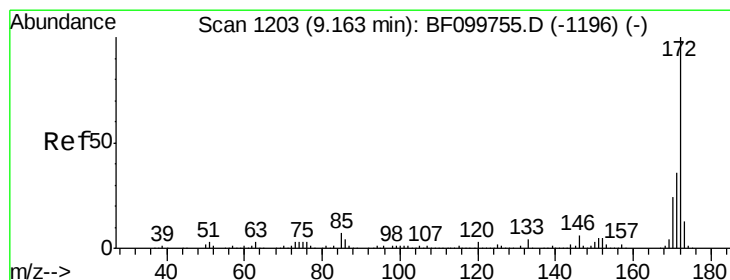
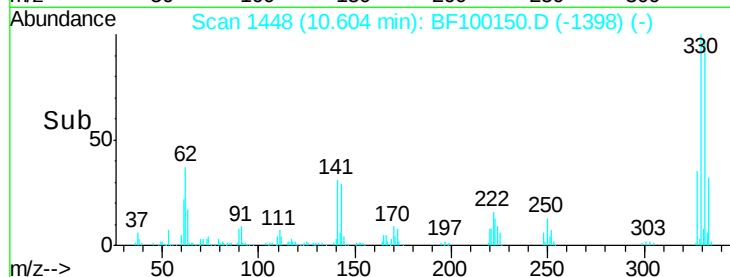
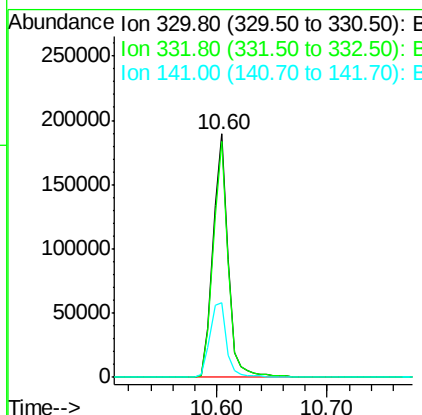
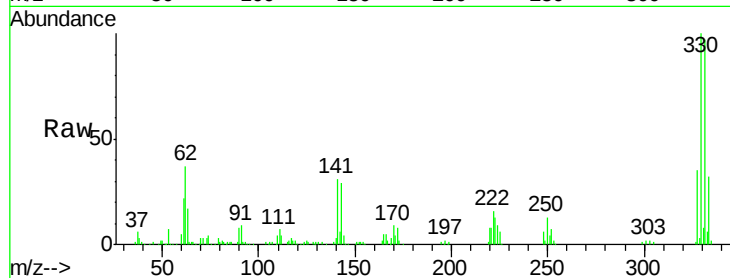




#41
 2,4,6-Tribromophenol
 Concen: 111.733 ng
 RT: 10.60 min Scan# 1448
 Delta R.T. -0.01 min
 Lab File: BF100150.D
 Acq: 3 Nov 2017 22:20

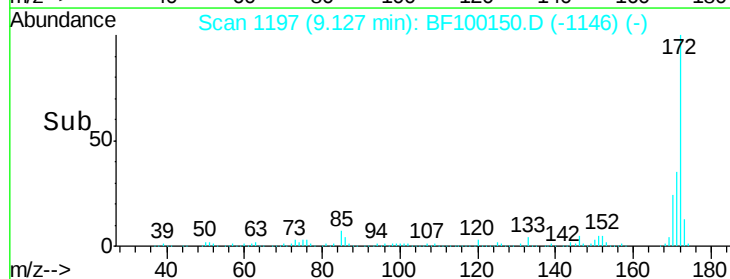
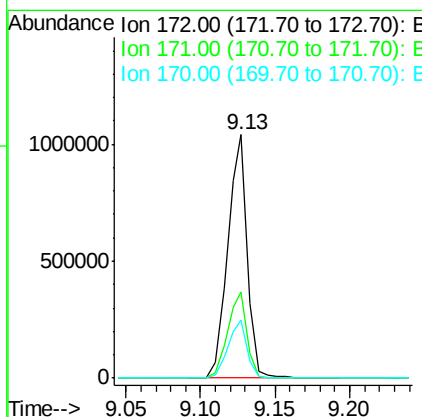
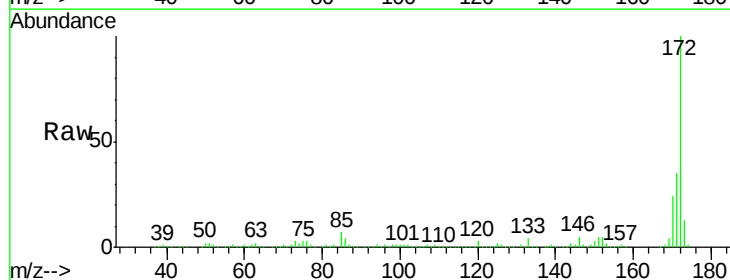
Instrument :
 BNA_F
 ClientSampleId :
 N48971

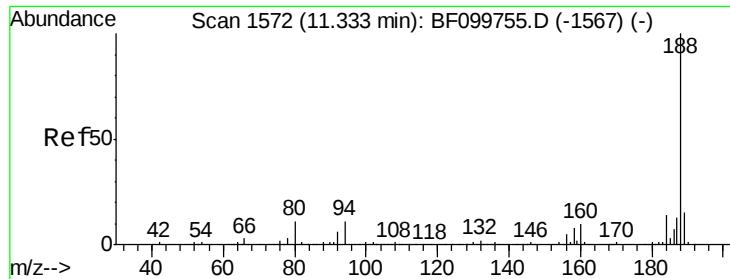
Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.0	115.6
141	34.3	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 85.133 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. -0.00 min
 Lab File: BF100150.D
 Acq: 3 Nov 2017 22:20

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.2	29.7	44.5
170	23.9	19.6	29.4





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.30 min Scan# 1566

Delta R.T. -0.00 min

Lab File: BF100150.D

Acq: 3 Nov 2017 22:20

Instrument :

BNA_F

ClientSampleId :

N48971

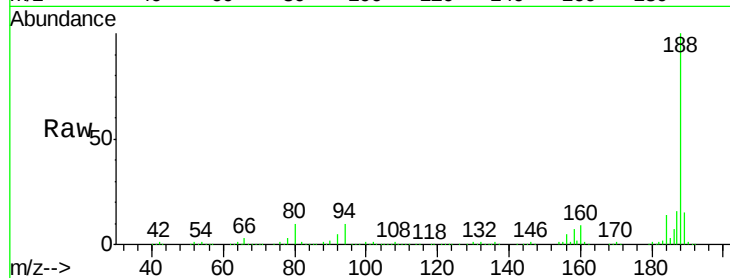
Tgt Ion:188 Resp: 273192

Ion Ratio Lower Upper

188 100

94 9.8 8.5 12.7

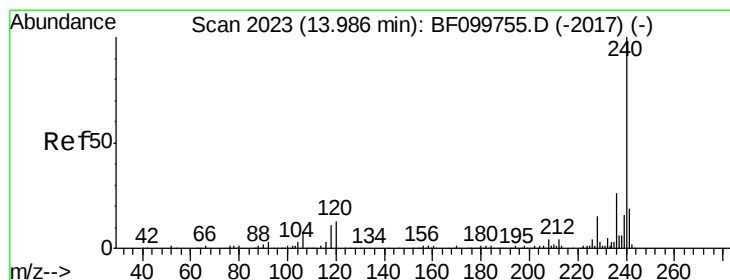
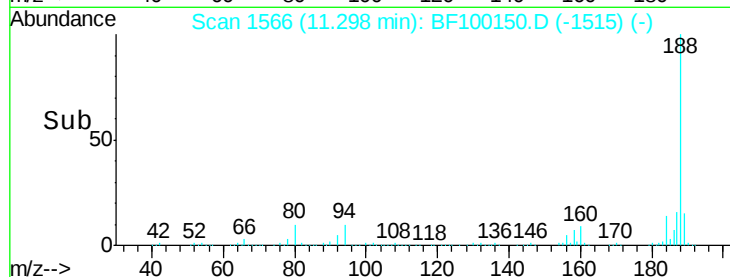
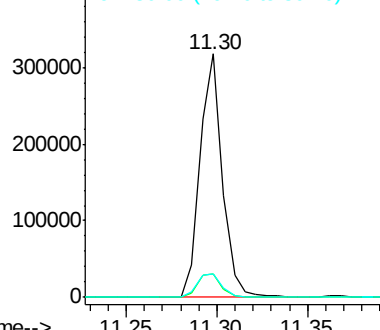
80 9.9 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.95 min Scan# 2017

Delta R.T. -0.00 min

Lab File: BF100150.D

Acq: 3 Nov 2017 22:20

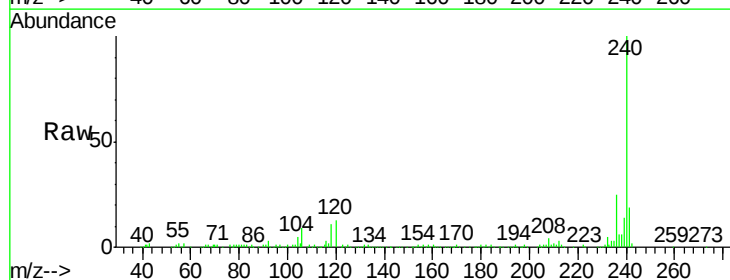
Tgt Ion:240 Resp: 147636

Ion Ratio Lower Upper

240 100

120 12.8 9.5 14.3

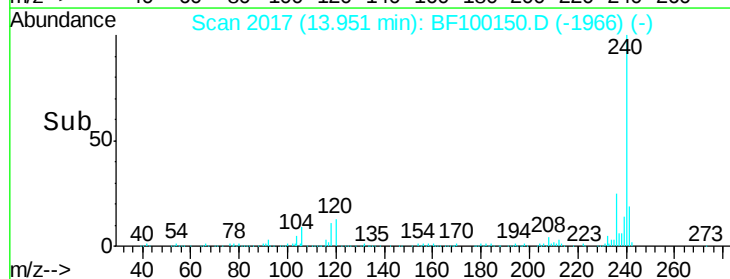
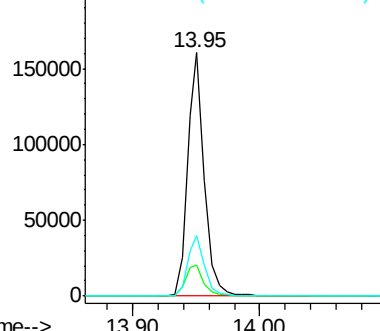
236 24.9 20.7 31.1

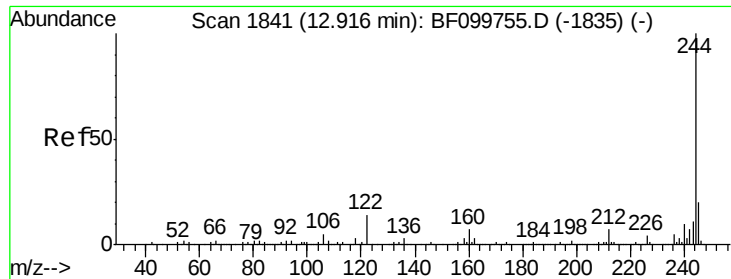


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 95.963 ng

RT: 12.88 min Scan# 1835

Delta R.T. -0.00 min

Lab File: BF100150.D

Acq: 3 Nov 2017 22:20

Instrument :

BNA_F

ClientSampleId :

N48971

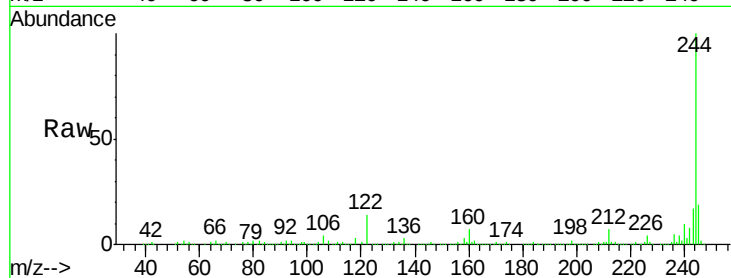
Tgt Ion:244 Resp: 648295

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

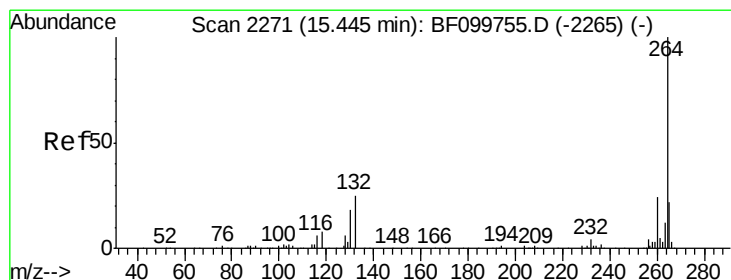
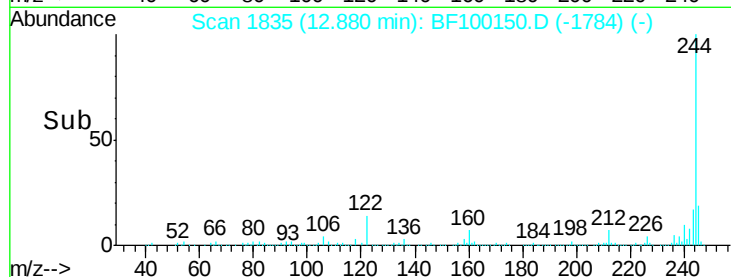
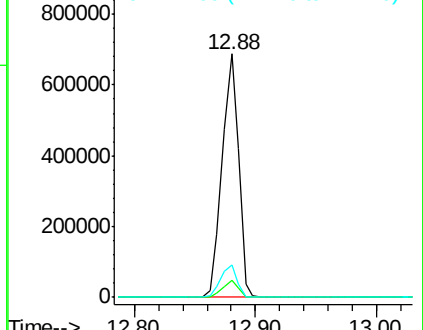
122 13.5 11.0 16.4



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: 15.41 min Scan# 2265

Delta R.T. -0.00 min

Lab File: BF100150.D

Acq: 3 Nov 2017 22:20

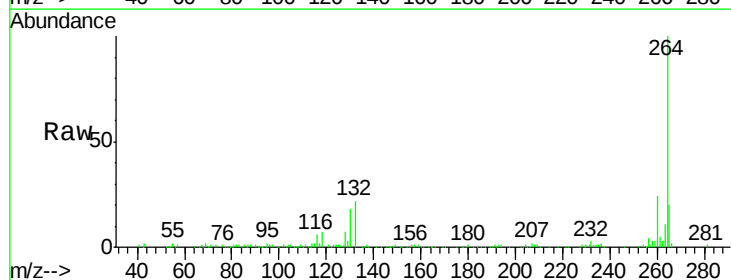
Tgt Ion:264 Resp: 153461

Ion Ratio Lower Upper

264 100

260 23.5 19.2 28.8

265 20.1 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

