

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102517\
 Data File : BF099848.D
 Acq On : 26 Oct 2017 8:26
 Operator : SJ/JU
 Sample : I6057-07
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 101917-SIDI-F-D-S

Quant Time: Oct 26 11:22:42 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 25 17:02:52 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	74387	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	304884	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	135596	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	245441	20.00	ng	0.00
75) Chrysene-d12	13.98	240	204874	20.00	ng	0.00
86) Perylene-d12	15.45	264	179714	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	199207	42.04	ng	0.00
7) Phenol-d6	6.43	99	152698	27.18	ng	0.00
23) Nitrobenzene-d5	7.36	82	411114	86.81	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	105710	85.55	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	814962	92.73	ng	0.00
78) Terphenyl-d14	12.92	244	752897	80.31	ng	0.00

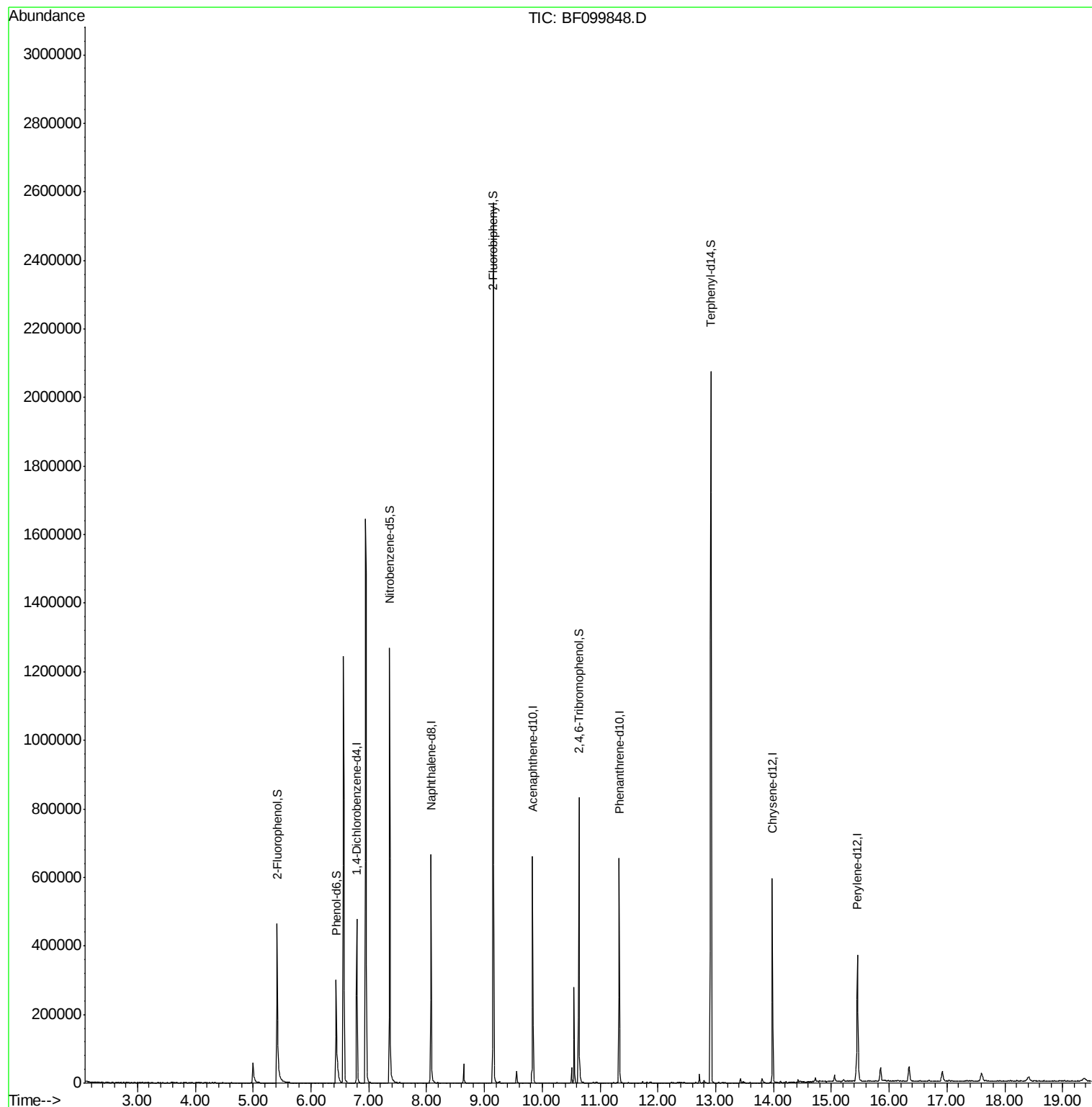
Target Compounds Qvalue

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.79 min Scan# 800

Delta R.T. 0.00 min

Lab File: BF099848.D

Acq: 26 Oct 2017 8:26

Instrument :

BNA_F

ClientSampleId :

101917-SIDI-F-D-S

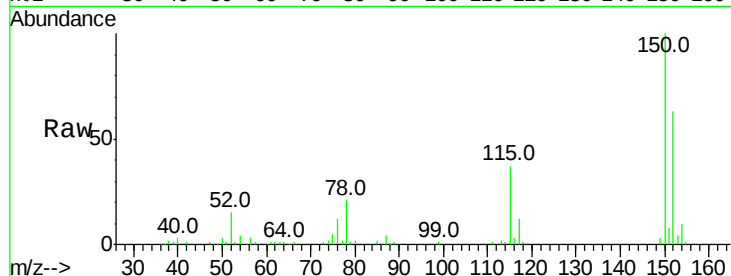
Tot Ion:152 Resp: 74387

Ion Ratio Lower Upper

152 100

150 158.3 124.6 186.8

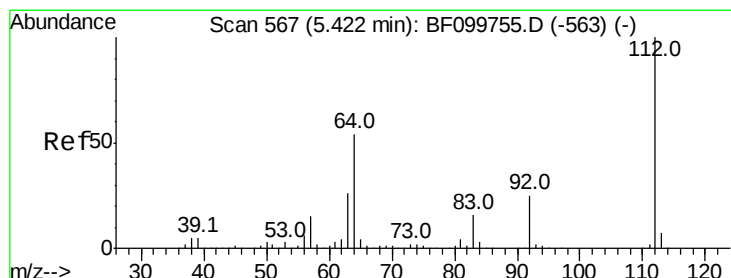
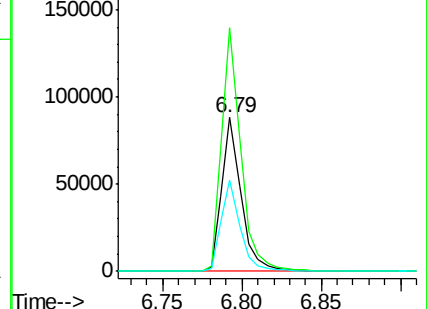
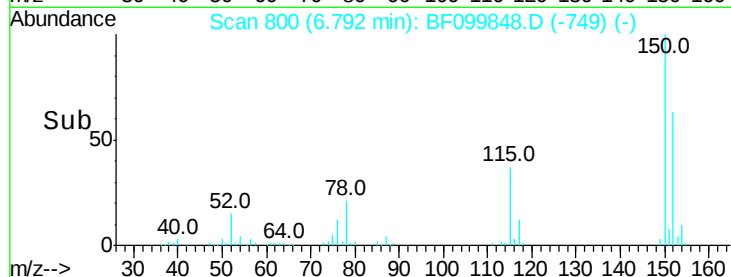
115 59.3 50.1 75.1



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: 42.043 ng

RT: 5.41 min Scan# 565

Delta R.T. 0.00 min

Lab File: BF099848.D

Acq: 26 Oct 2017 8:26

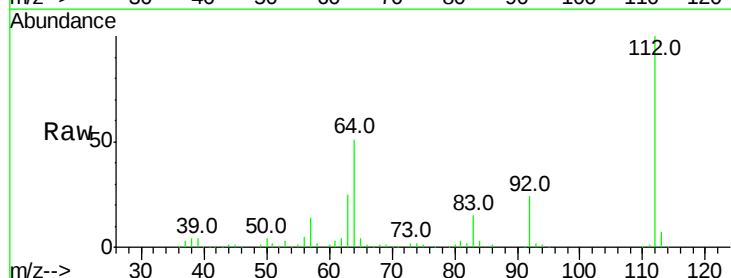
Tgt Ion:112 Resp: 199207

Ion Ratio Lower Upper

112 100

64 51.1 47.9 71.9

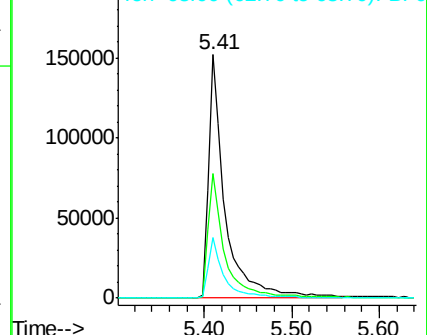
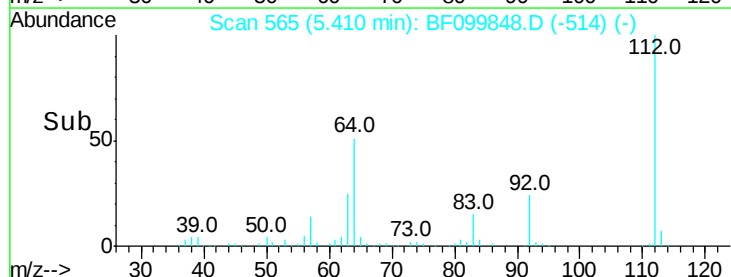
63 24.8 23.7 35.5



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: 27.180 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

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BNA_F

ClientSampleId :

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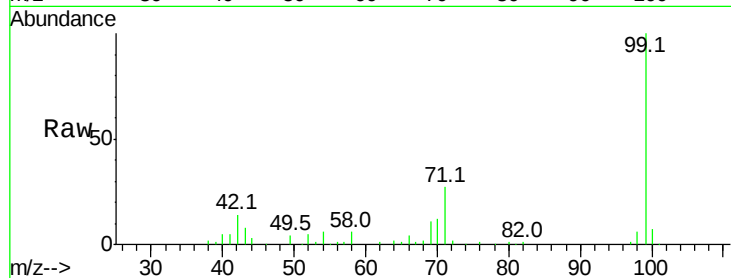
Tot Ion: 99 Resp: 152698

Ion Ratio Lower Upper

99 100

42 14.4 14.5 21.7#

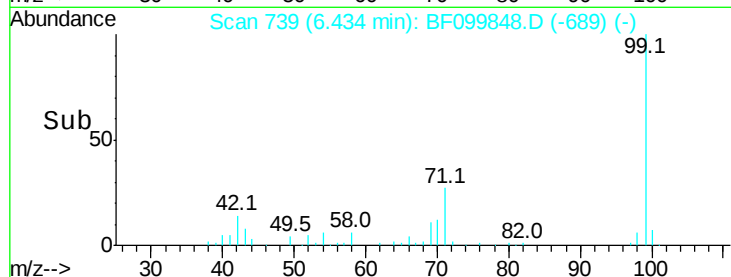
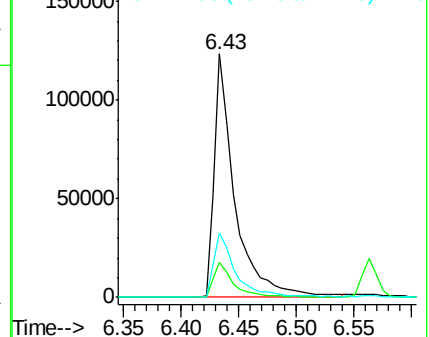
71 26.6 25.4 38.0



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: 20.000 ng

RT: 8.07 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BF099848.D

Acq: 26 Oct 2017 8:26

Tgt Ion: 136 Resp: 304884

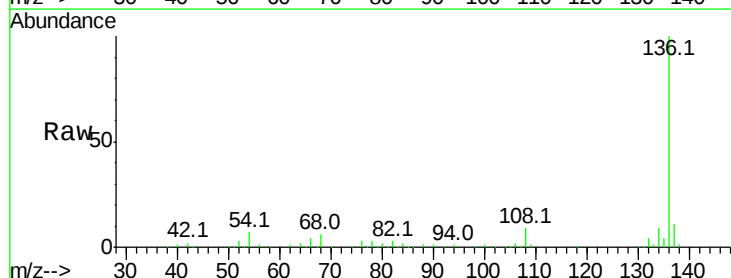
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 6.9 6.6 9.8

68 6.0 5.0 7.4

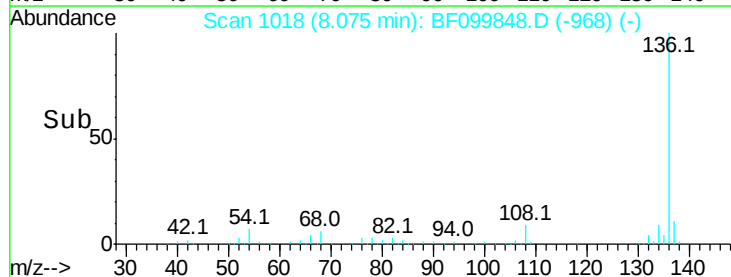
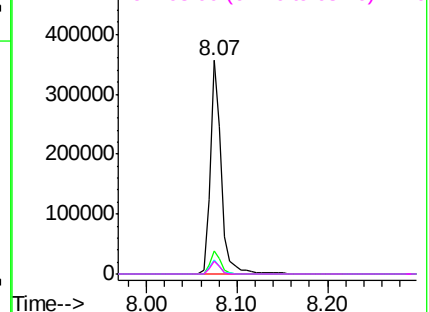


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

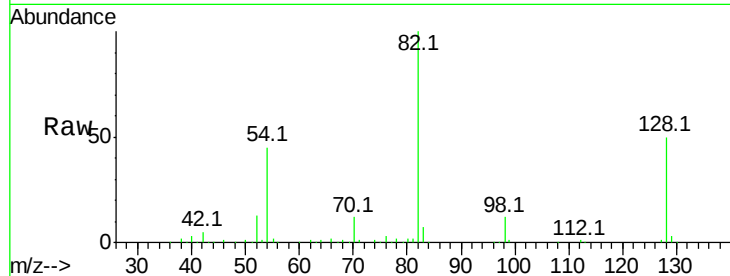




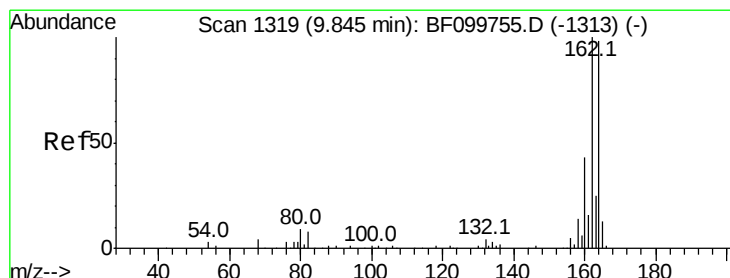
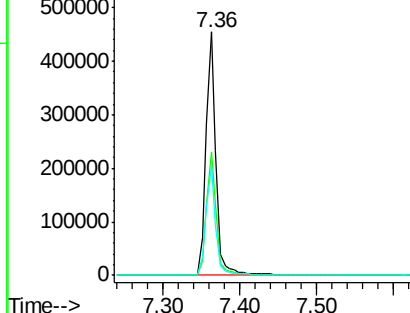
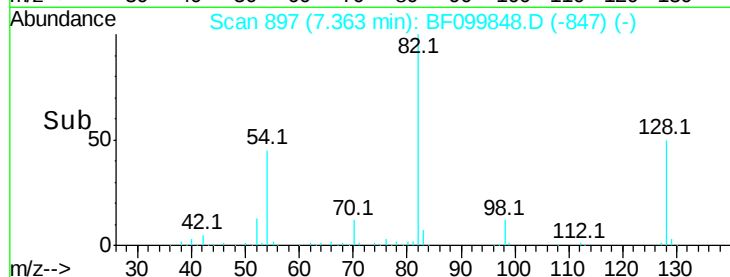
#23
 Nitrobenzene-d5
 Concen: 86.812 ng
 RT: 7.36 min Scan# 897
 Delta R.T. -0.01 min
 Lab File: BF099848.D
 Acq: 26 Oct 2017 8:26

Instrument :
 BNA_F
 ClientSampleId :
 101917-SIDI-F-D-S

Tot Ion: 82 Resp: 411114
 Ion Ratio Lower Upper
 82 100
 128 50.5 36.1 54.1
 54 44.8 41.4 62.2

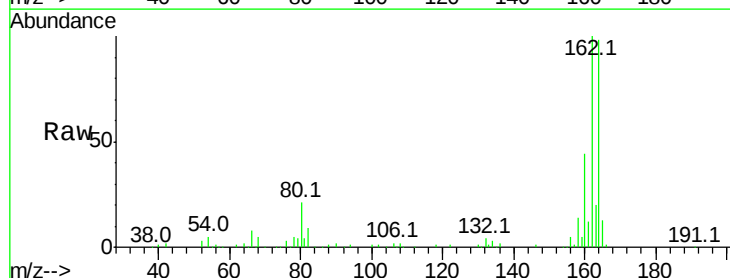


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

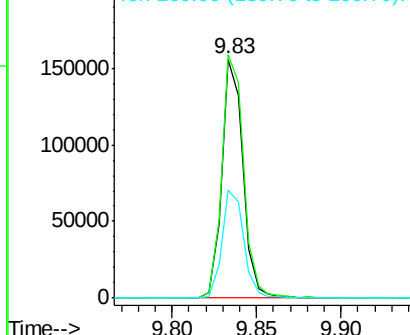
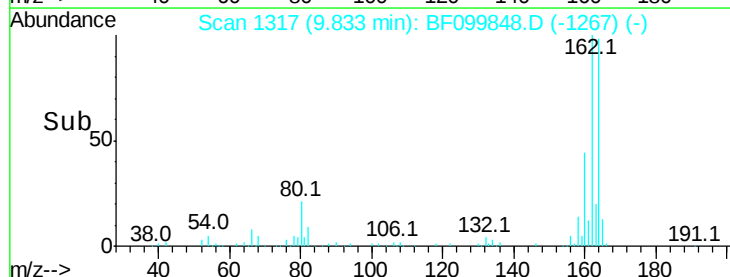


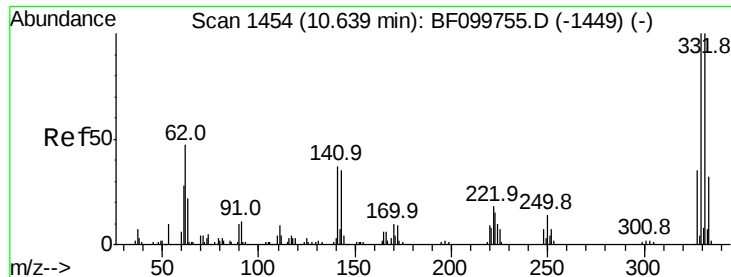
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.01 min
 Lab File: BF099848.D
 Acq: 26 Oct 2017 8:26

Tgt Ion:164 Resp: 135596
 Ion Ratio Lower Upper
 164 100
 162 101.9 86.1 129.1
 160 45.1 38.3 57.5



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

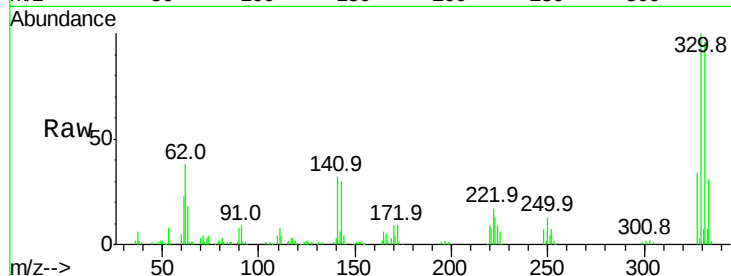




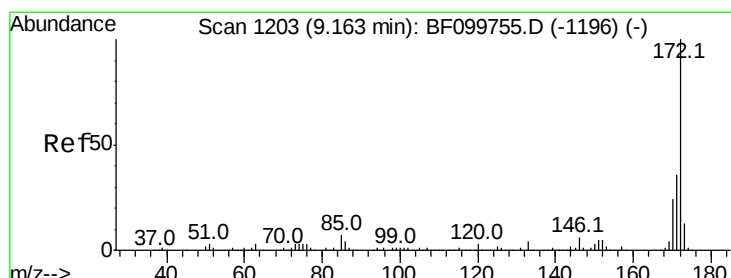
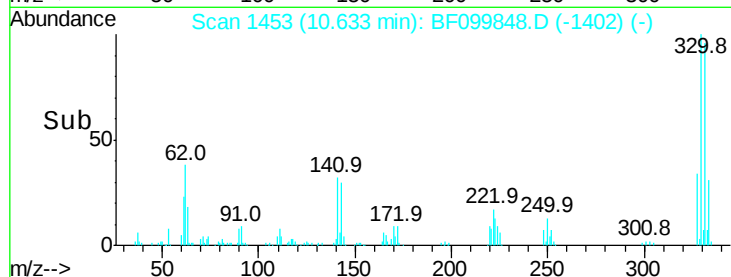
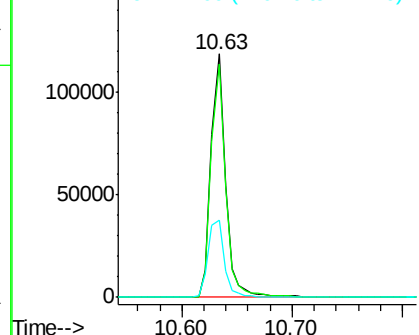
#41
 2,4,6-Tribromophenol
 Concen: 85.546 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. 0.00 min
 Lab File: BF099848.D
 Acq: 26 Oct 2017 8:26

Instrument :
 BNA_F
 ClientSampleId :
 101917-SIDI-F-D-S

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.0	115.6
141	35.4	29.9	44.9

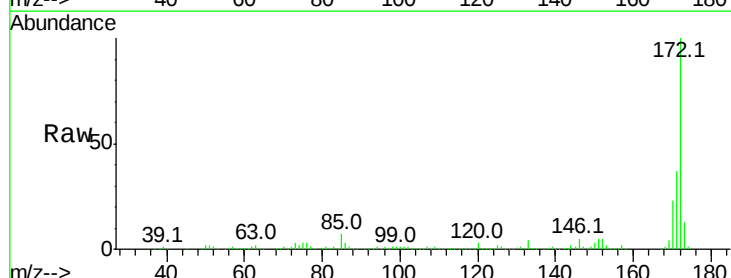


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

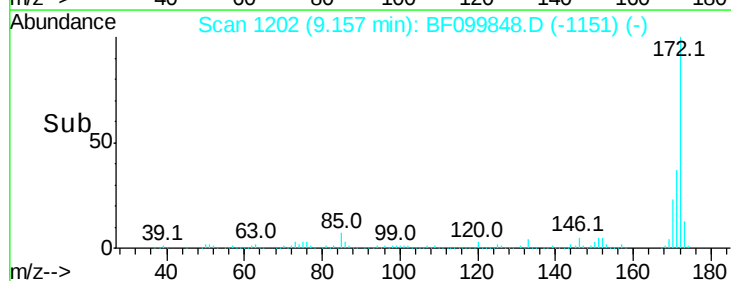
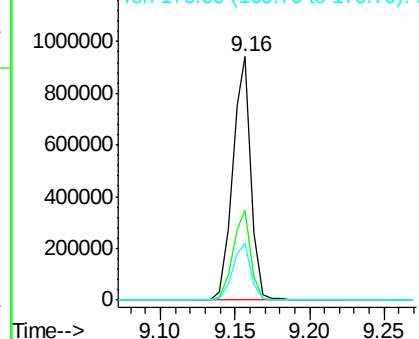


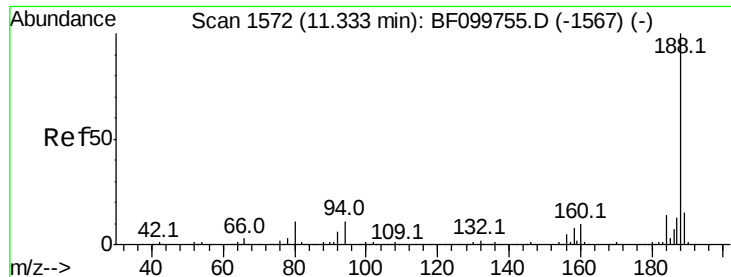
#44
 2-Fluorobiphenyl
 Concen: 92.728 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. 0.00 min
 Lab File: BF099848.D
 Acq: 26 Oct 2017 8:26

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.7	44.5
170	23.3	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

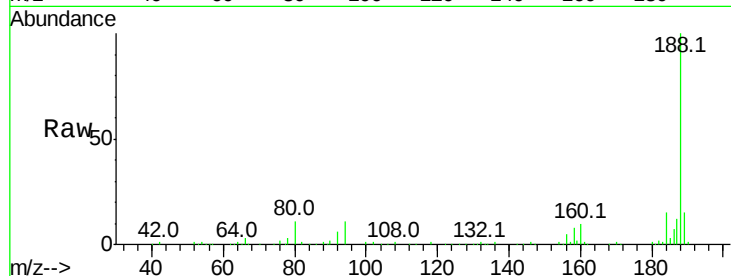




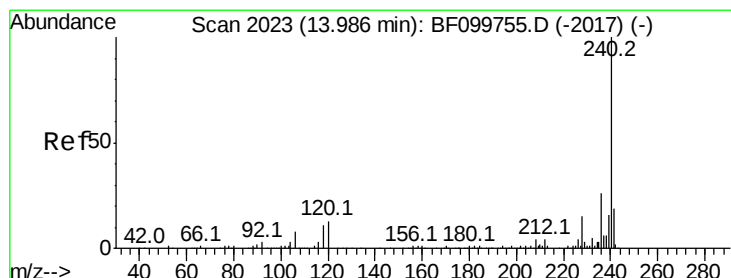
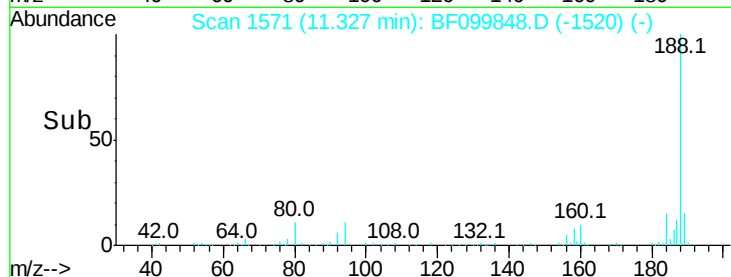
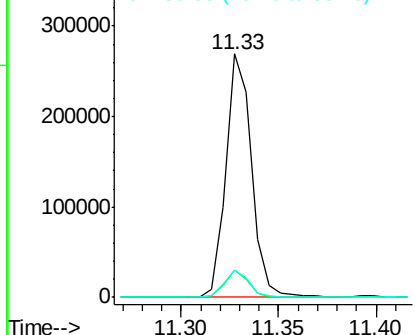
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. 0.00 min
Lab File: BF099848.D
Acq: 26 Oct 2017 8:26

Instrument :
BNA_F
ClientSampleId :
101917-SIDI-F-D-S

Tot Ion:188 Resp: 245441
Ion Ratio Lower Upper
188 100
94 11.0 8.5 12.7
80 11.1 9.2 13.8

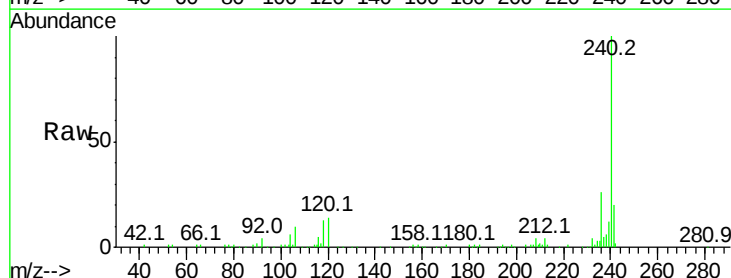


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

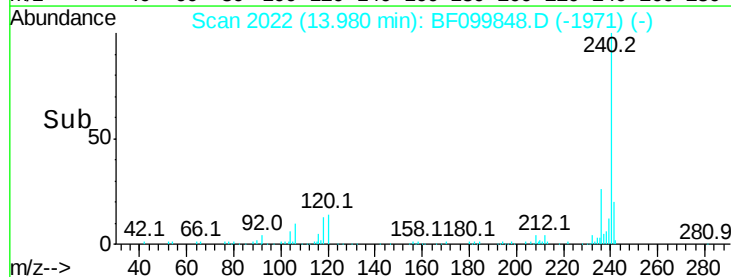
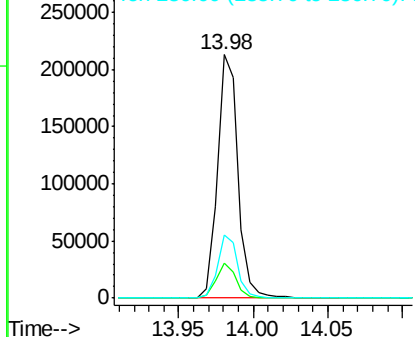


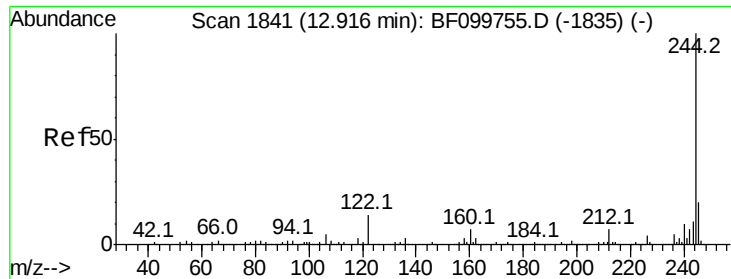
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. 0.00 min
Lab File: BF099848.D
Acq: 26 Oct 2017 8:26

Tgt Ion:240 Resp: 204874
Ion Ratio Lower Upper
240 100
120 14.4 9.5 14.3#
236 25.7 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

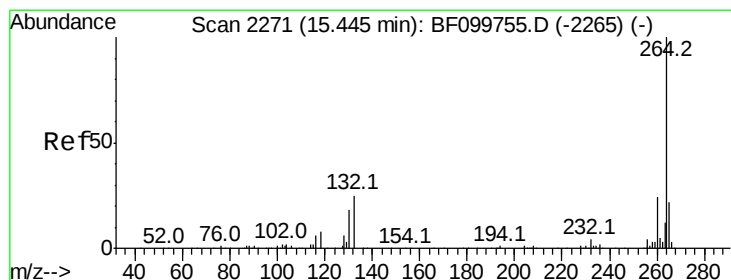
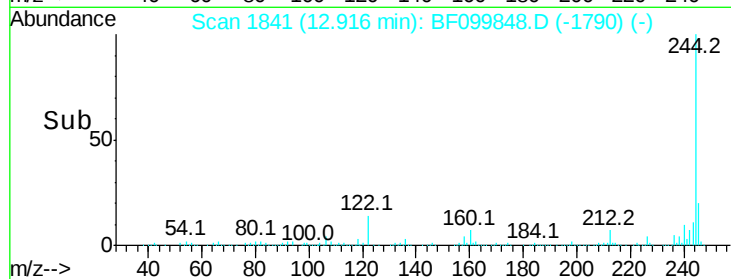
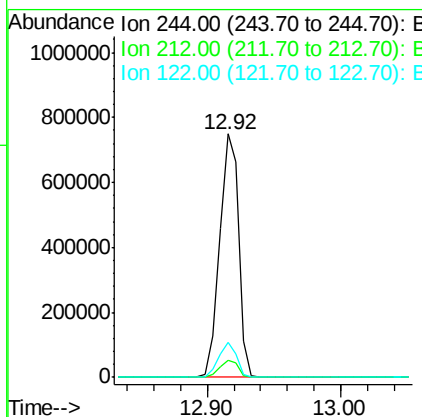
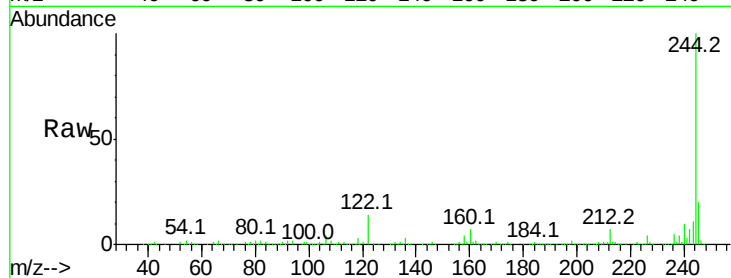




#78
 Terphenyl-d14
 Concen: 80.311 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: BF099848.D
 Acq: 26 Oct 2017 8:26

Instrument :
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 101917-SIDI-F-D-S

Tot Ion:244 Resp: 752897
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 14.1 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.45 min Scan# 2272
 Delta R.T. 0.01 min
 Lab File: BF099848.D
 Acq: 26 Oct 2017 8:26

Tgt Ion:264 Resp: 179714
 Ion Ratio Lower Upper
 264 100
 260 22.1 19.2 28.8
 265 20.8 17.5 26.3

