

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101317\
 Data File : BF099470.D
 Acq On : 14 Oct 2017 6:01
 Operator : SJ/JU
 Sample : I5810-01
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CB-1017-S-TCLP-43S

Quant Time: Oct 14 06:40:08 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 11 16:25:21 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	113502	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	449342	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	176933	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	255375	20.00	ng	0.00
75) Chrysene-d12	14.02	240	204342	20.00	ng	0.00
86) Perylene-d12	15.49	264	215719	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	830704	116.51	ng	0.03
7) Phenol-d6	6.50	99	898326	102.13	ng	0.01
23) Nitrobenzene-d5	7.42	82	629936	89.90	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	166396	114.93	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1092586	103.09	ng	0.00
78) Terphenyl-d14	12.96	244	696651	77.53	ng	0.00

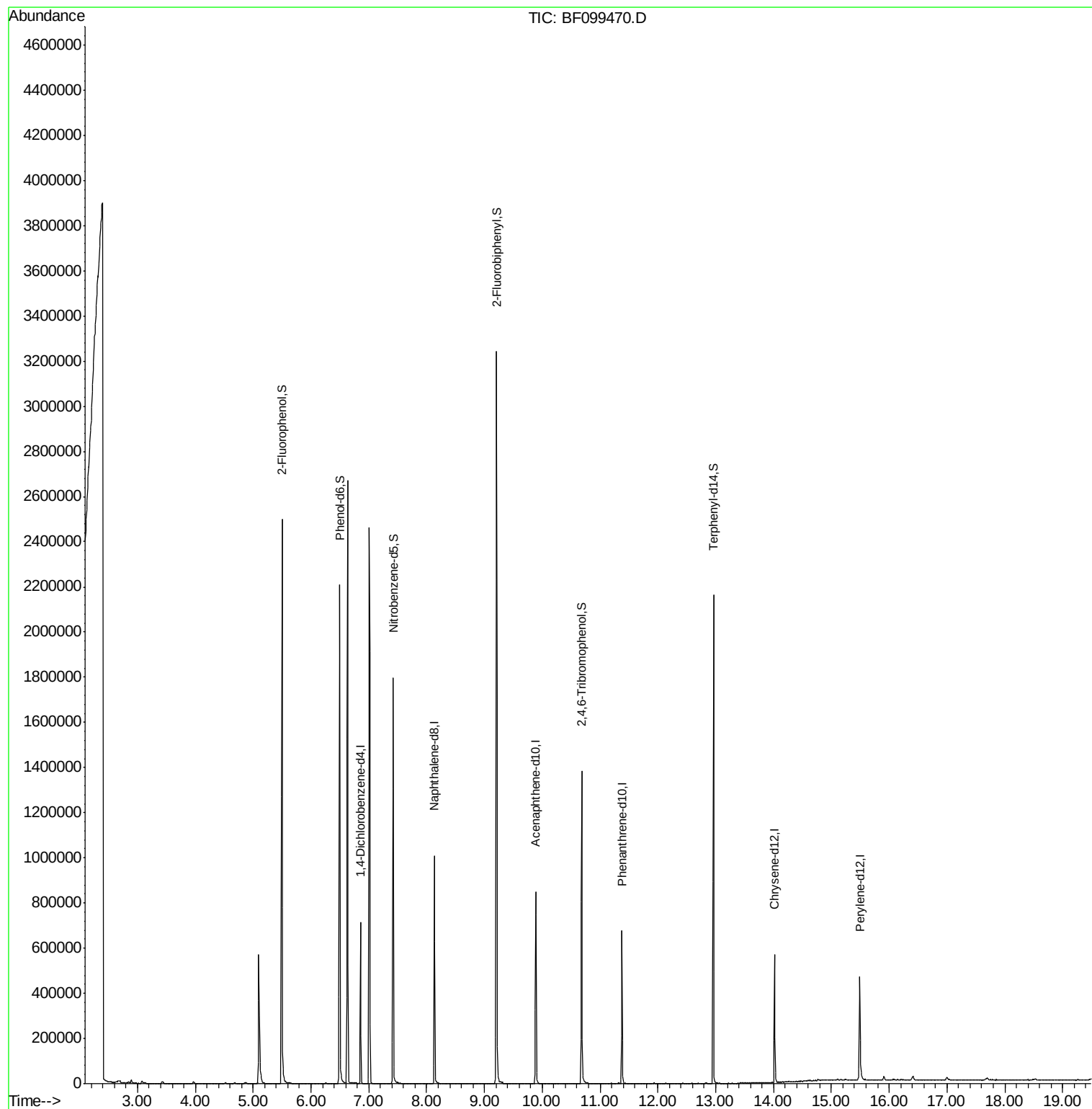
Target Compounds	Qvalue
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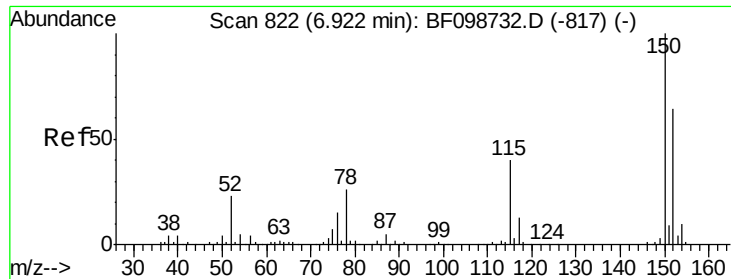
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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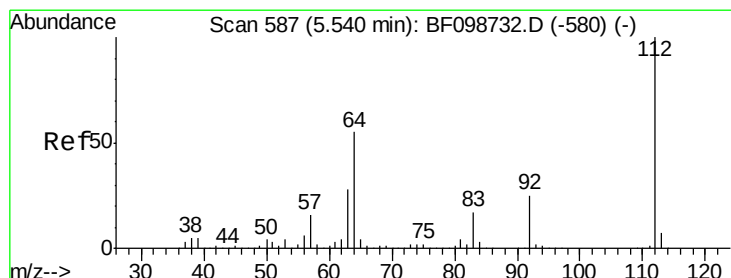
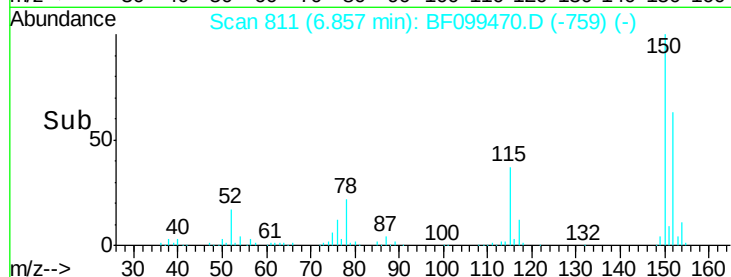
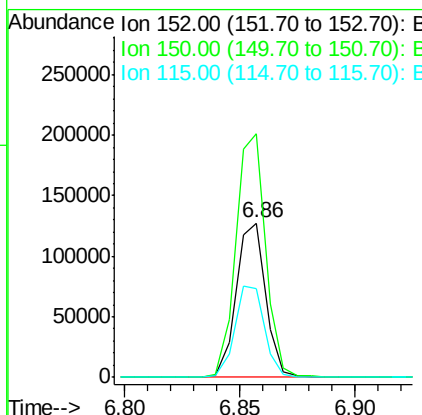
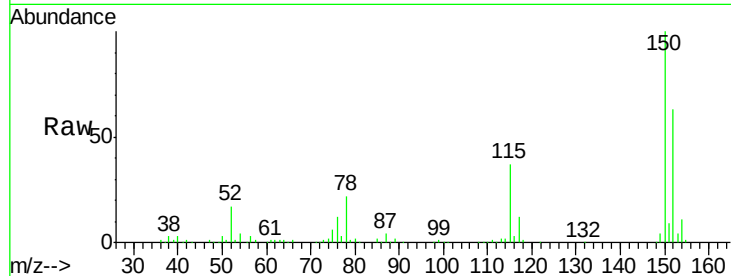




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.86 min Scan# 811
 Delta R.T. 0.01 min
 Lab File: BF099470.D
 Acq: 14 Oct 2017 6:01

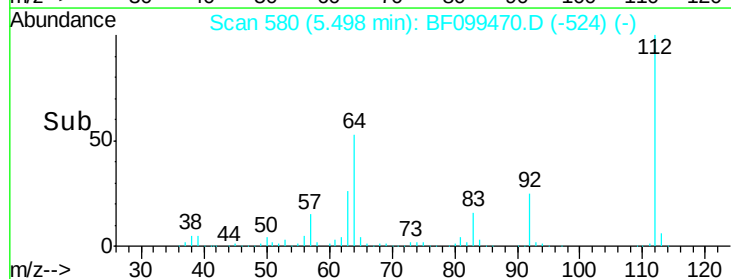
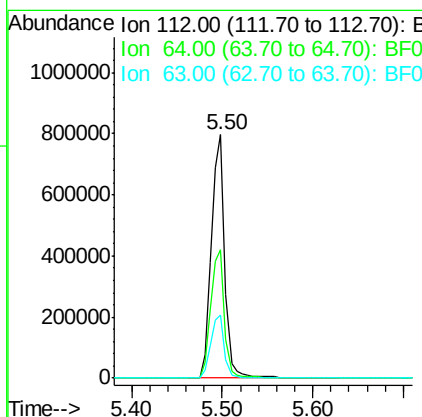
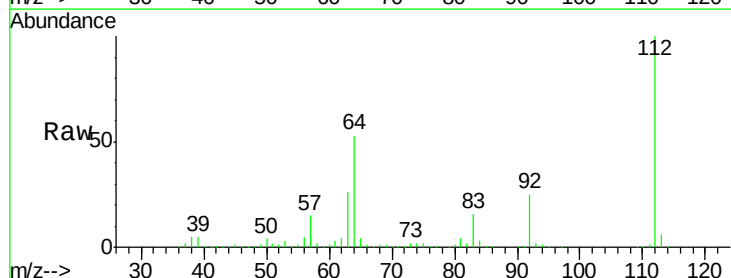
Instrument :
 BNA_F
 ClientSampleId :
 CB-1017-S-TCLP-43S

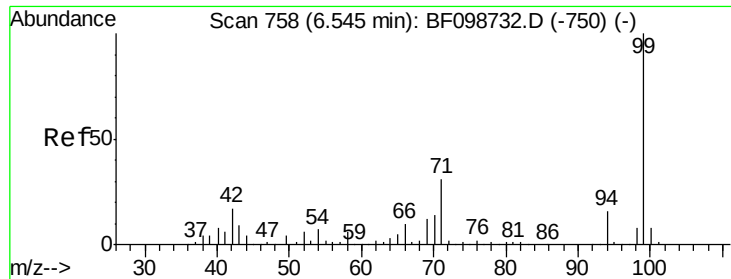
Tgt Ion:152 Resp: 113502
 Ion Ratio Lower Upper
 152 100
 150 157.5 124.6 186.8
 115 57.7 50.1 75.1



#5
 2-Fluorophenol
 Concen: 116.51 ng
 RT: 5.50 min Scan# 580
 Delta R.T. 0.03 min
 Lab File: BF099470.D
 Acq: 14 Oct 2017 6:01

Tgt Ion:112 Resp: 830704
 Ion Ratio Lower Upper
 112 100
 64 52.8 47.9 71.9
 63 25.9 23.7 35.5





#7

Phenol-d6

Concen: 102.13 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.01 min

Lab File: BF099470.D

Acq: 14 Oct 2017 6:01

Instrument :

BNA_F

ClientSampleId :

CB-1017-S-TCLP-43S

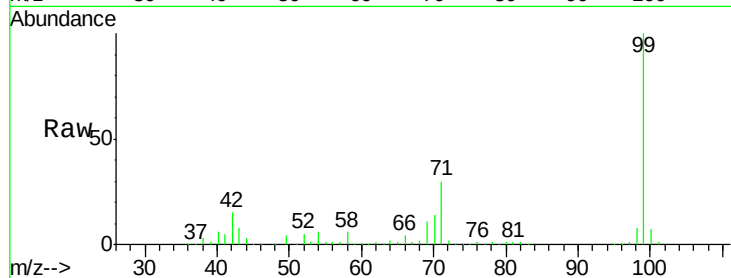
Tgt Ion: 99 Resp: 898326

Ion Ratio Lower Upper

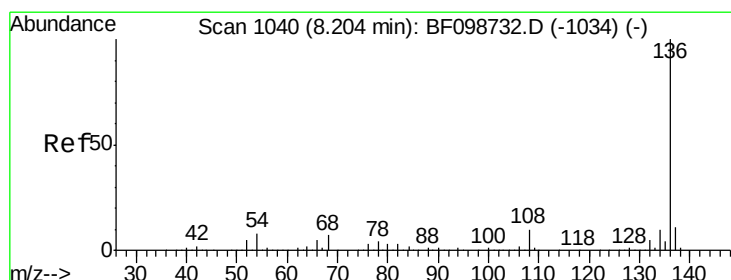
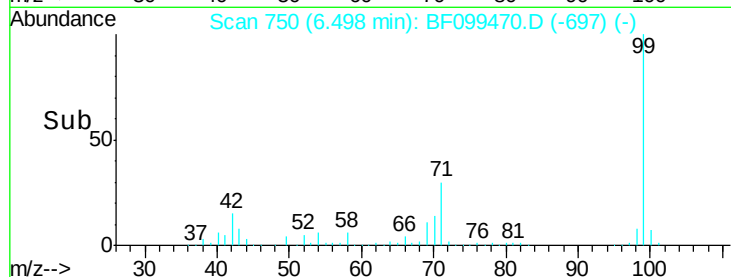
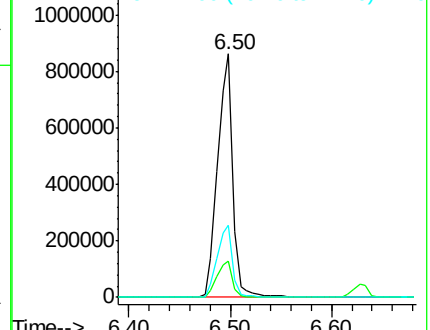
99 100

42 14.8 14.5 21.7

71 29.7 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: 20.00 ng

RT: 8.13 min Scan# 1028

Delta R.T. 0.00 min

Lab File: BF099470.D

Acq: 14 Oct 2017 6:01

Tgt Ion: 136 Resp: 449342

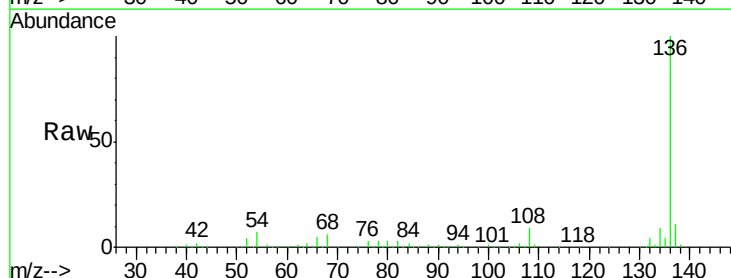
Ion Ratio Lower Upper

136 100

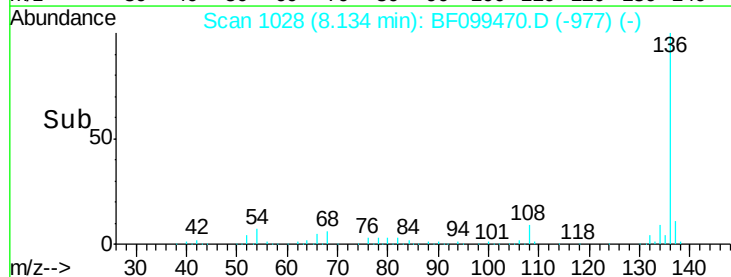
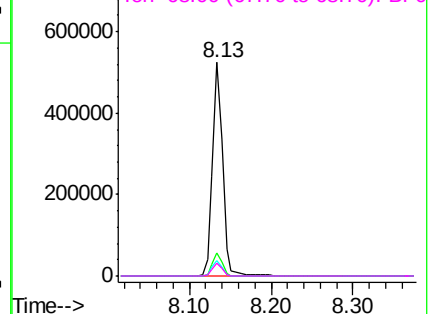
137 11.0 8.9 13.3

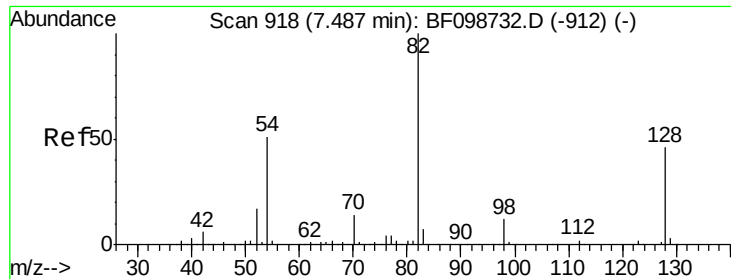
54 7.3 6.6 9.8

68 5.7 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

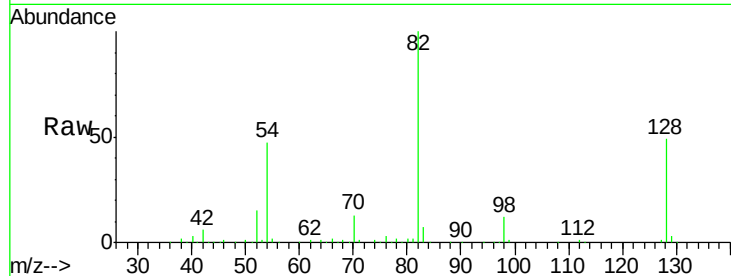




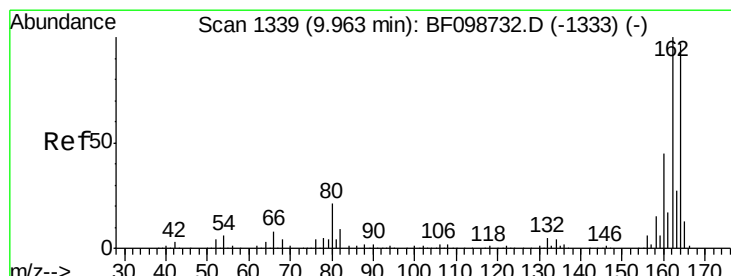
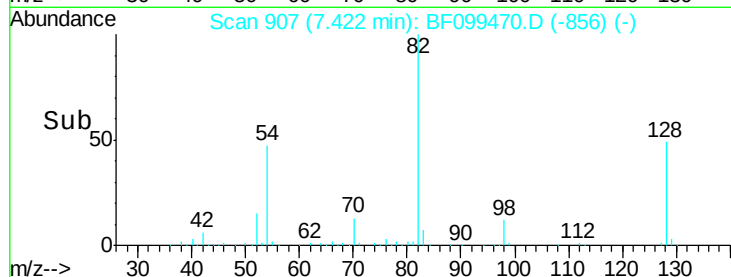
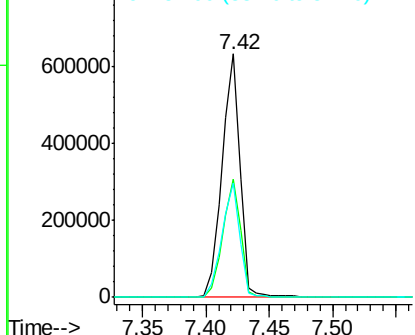
#23
 Nitrobenzene-d5
 Concen: 89.90 ng
 RT: 7.42 min Scan# 907
 Delta R.T. 0.00 min
 Lab File: BF099470.D
 Acq: 14 Oct 2017 6:01

Instrument :
 BNA_F
 ClientSampleId :
 CB-1017-S-TCLP-43S

Tgt Ion	Ratio	Lower	Upper
82	100		
128	48.8	36.1	54.1
54	46.9	41.4	62.2

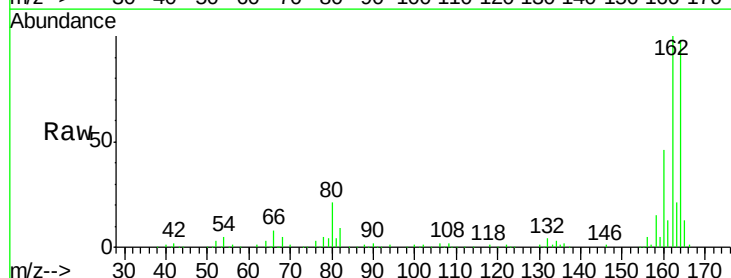


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

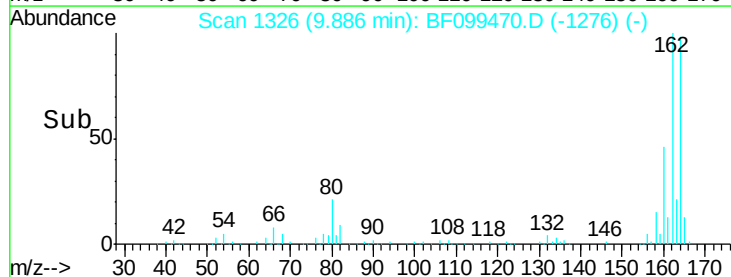
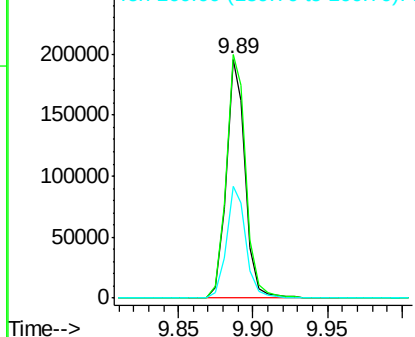


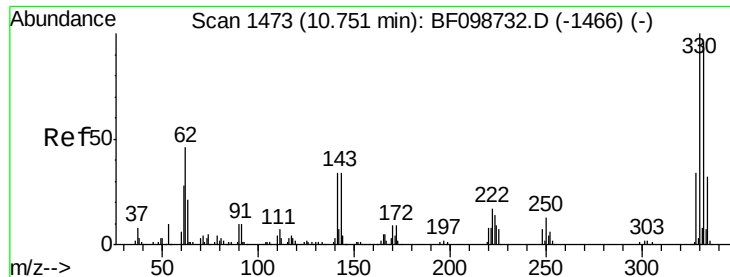
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. -0.01 min
 Lab File: BF099470.D
 Acq: 14 Oct 2017 6:01

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.9	86.1	129.1
160	46.5	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

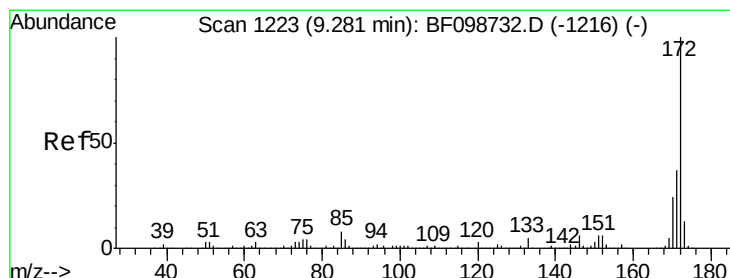
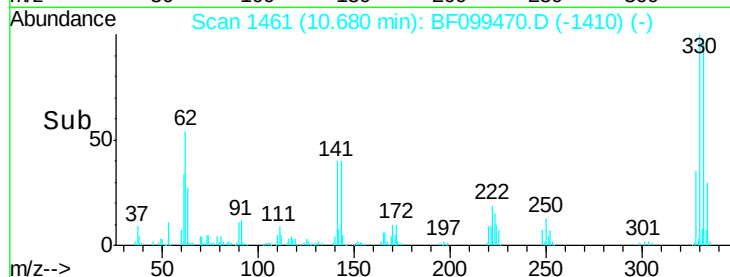
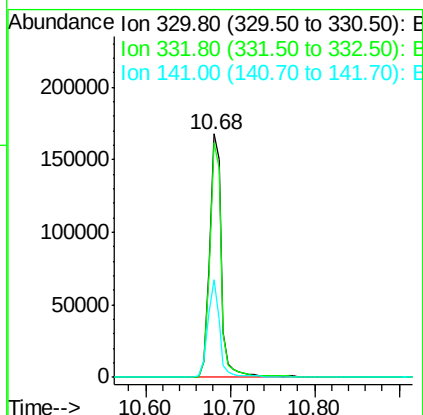
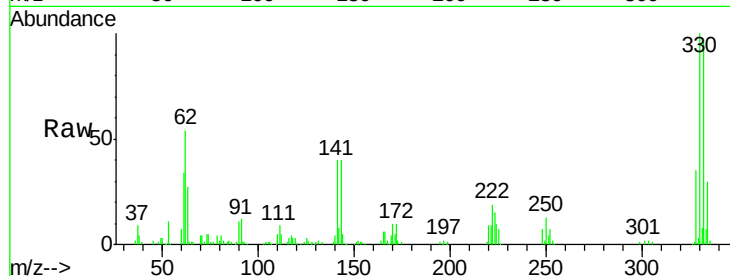




#41
 2,4,6-Tribromophenol
 Concen: 114.93 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: BF099470.D
 Acq: 14 Oct 2017 6:01

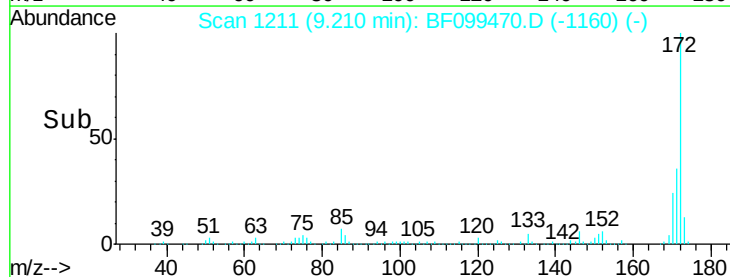
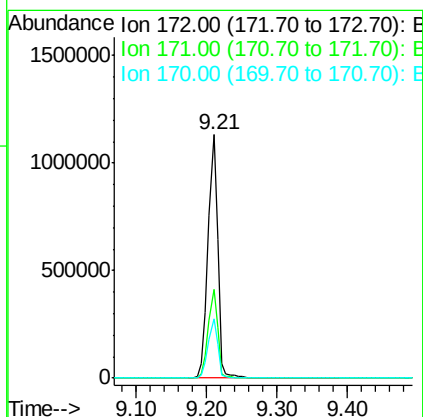
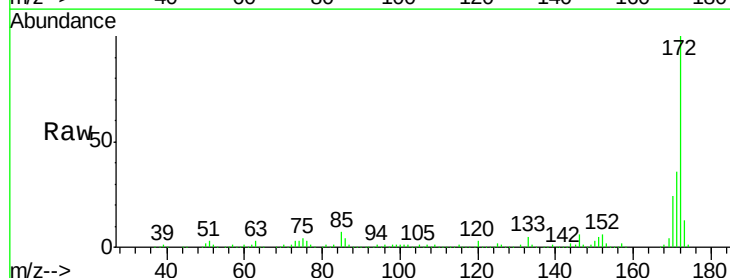
Instrument :
 BNA_F
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 CB-1017-S-TCLP-43S

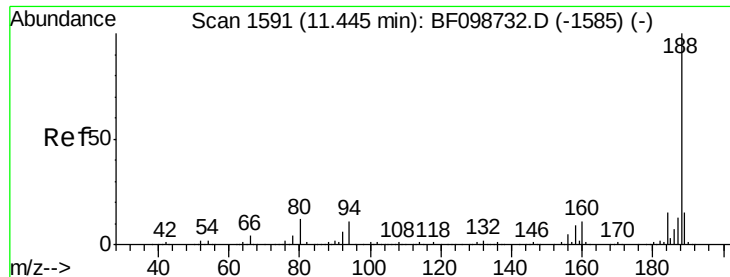
Tgt Ion:330 Resp: 166396
 Ion Ratio Lower Upper
 330 100
 332 95.8 77.0 115.6
 141 39.5 29.9 44.9



#44
 2-Fluorobiphenyl
 Concen: 103.09 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: BF099470.D
 Acq: 14 Oct 2017 6:01

Tgt Ion:172 Resp: 1092586
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.7 44.5
 170 24.3 19.6 29.4

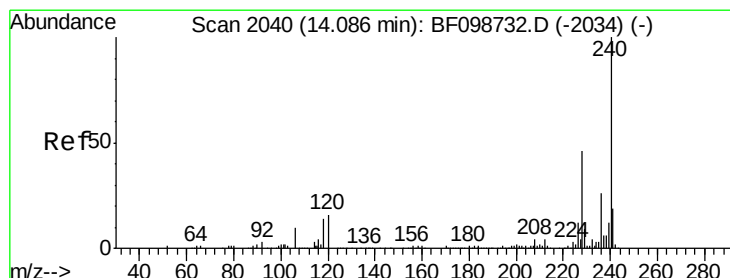
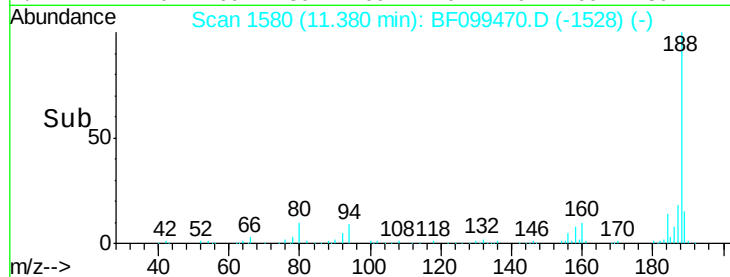
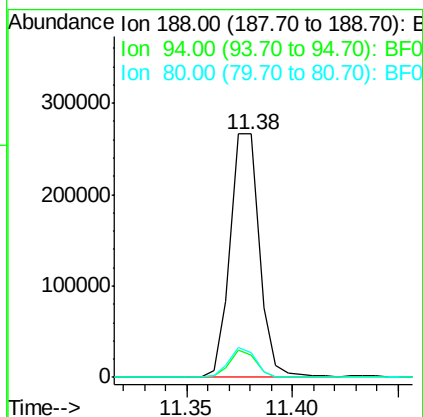
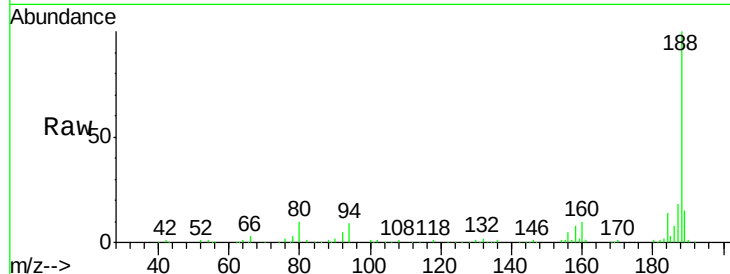




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 1580
Delta R.T. 0.01 min
Lab File: BF099470.D
Acq: 14 Oct 2017 6:01

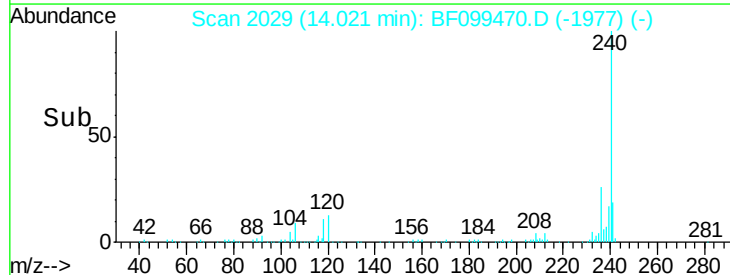
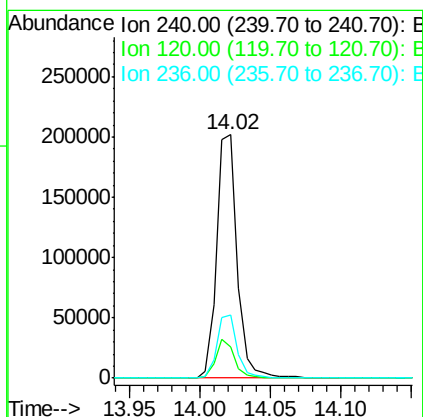
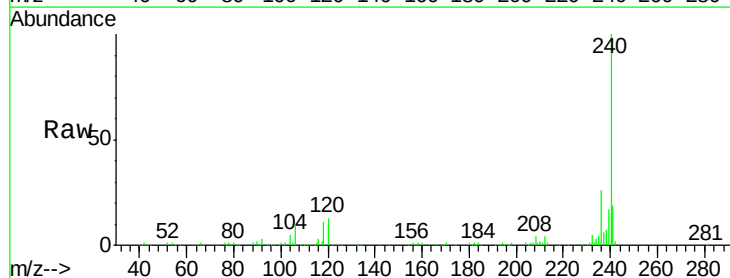
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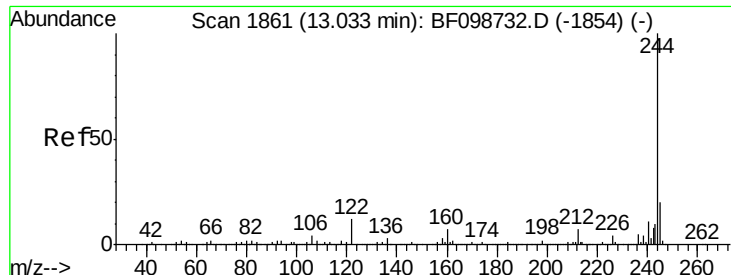
Tgt Ion:188 Resp: 255375
Ion Ratio Lower Upper
188 100
94 9.2 8.5 12.7
80 10.2 9.2 13.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 2029
Delta R.T. 0.01 min
Lab File: BF099470.D
Acq: 14 Oct 2017 6:01

Tgt Ion:240 Resp: 204342
Ion Ratio Lower Upper
240 100
120 13.0 9.5 14.3
236 25.7 20.7 31.1

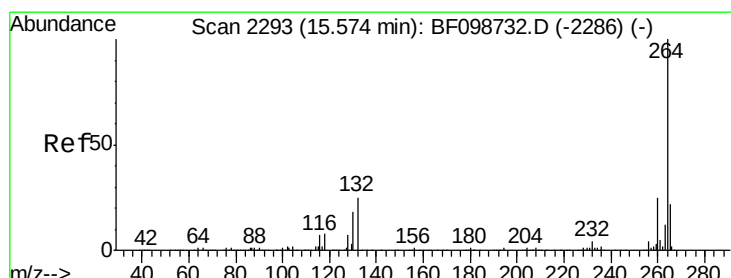
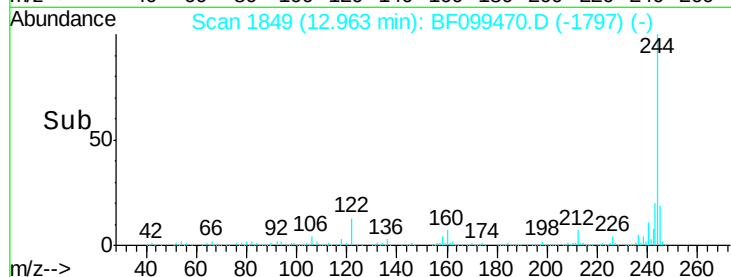
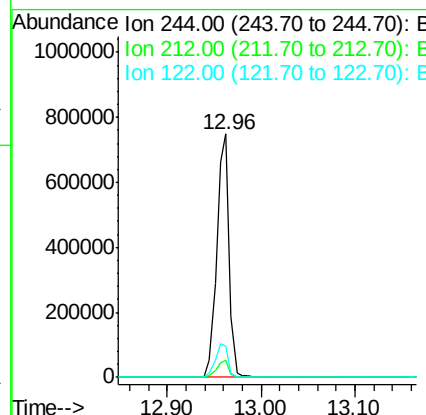
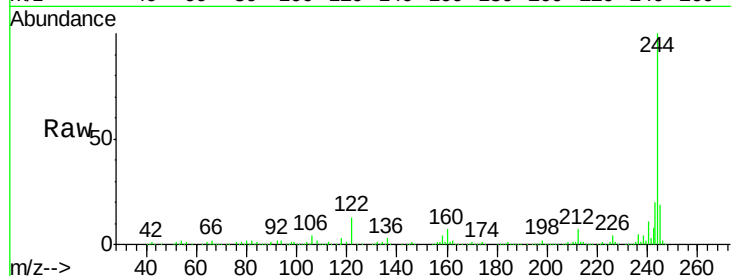




#78
 Terphenyl-d14
 Concen: 77.53 ng
 RT: 12.96 min Scan# 1849
 Delta R.T. 0.01 min
 Lab File: BF099470.D
 Acq: 14 Oct 2017 6:01

Instrument :
 BNA_F
 ClientSampleId :
 CB-1017-S-TCLP-43S

Tgt Ion:244 Resp: 696651
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.0
 122 12.7 11.0 16.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.49 min Scan# 2279
 Delta R.T. 0.01 min
 Lab File: BF099470.D
 Acq: 14 Oct 2017 6:01

Tgt Ion:264 Resp: 215719
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.2 28.8
 265 20.8 17.5 26.3

