

Data Path : Z:\HPCHEM1\BNA F\DATA\BF103017\
 Data File : BF099974.D
 Acq On : 30 Oct 2017 21:38
 Operator : SJ/JU
 Sample : I6166-03
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RO-72-11966

Quant Time: Oct 31 04:02:12 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 27 15:58:57 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	84234	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	344826	20.00	ng	-0.01
38) Acenaphthene-d10	9.82	164	151204	20.00	ng	-0.02
63) Phenanthrene-d10	11.32	188	237286	20.00	ng	-0.01
75) Chrysene-d12	13.97	240	155579	20.00	ng	-0.02
86) Perylene-d12	15.46	264	140371	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	736100	137.20	ng	0.01
7) Phenol-d6	6.44	99	808932	127.15	ng	0.00
23) Nitrobenzene-d5	7.36	82	526214	98.25	ng	-0.01
41) 2,4,6-Tribromophenol	10.63	330	193177	140.19	ng	-0.01
44) 2-Fluorobiphenyl	9.15	172	1061493	108.31	ng	-0.01
78) Terphenyl-d14	12.91	244	766312	107.64	ng	-0.01

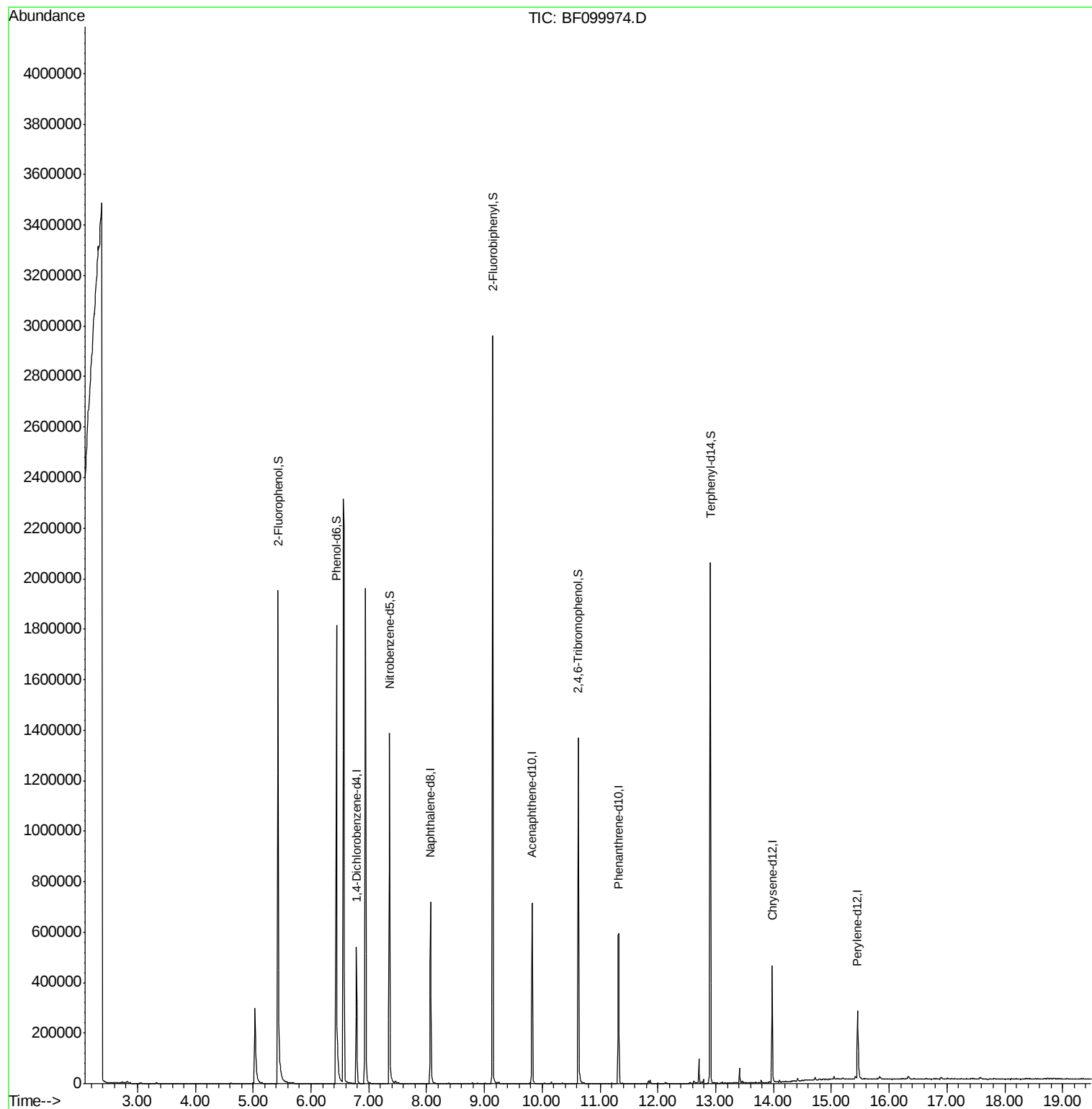
Target Compounds Qvalue

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

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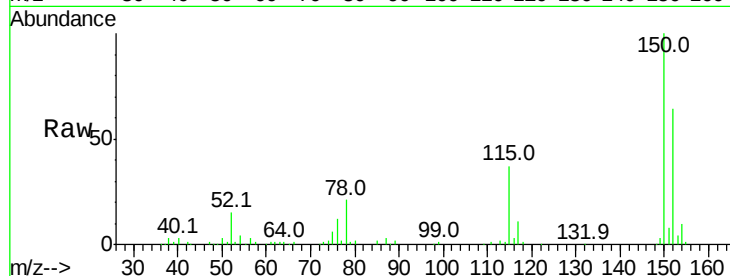


#1

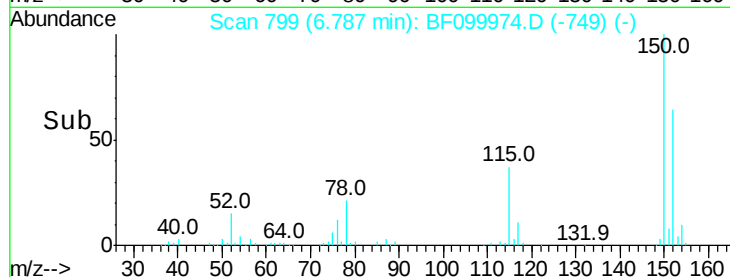
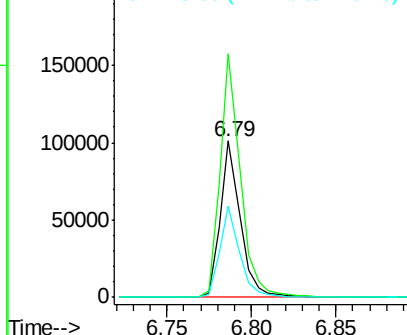
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 799
 Delta R.T. -0.01 min
 Lab File: BF099974.D
 Acq: 30 Oct 2017 21:38

Instrument :
 BNA_F
 ClientSampleId :
 RO-72-11966

Tot Ion:152 Resp: 84234
 Ion Ratio Lower Upper
 152 100
 150 155.9 124.6 186.8
 115 58.1 50.1 75.1



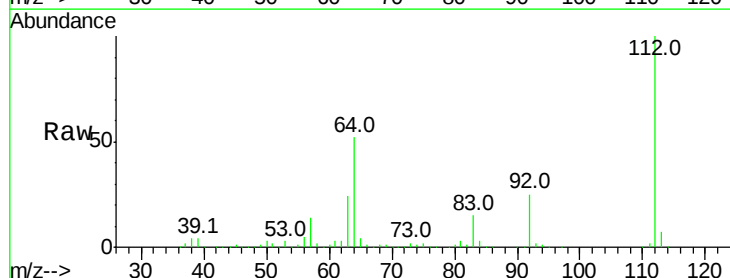
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



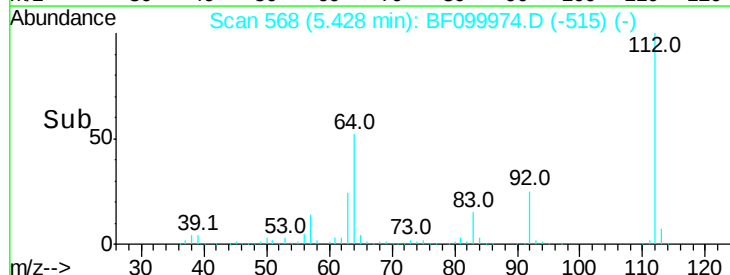
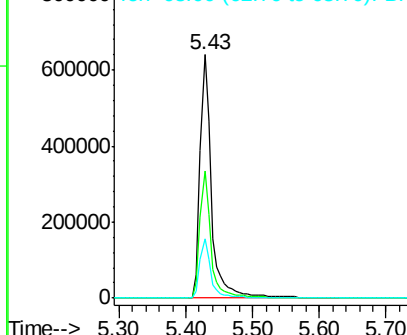
#5

2-Fluorophenol
 Concen: 137.195 ng
 RT: 5.43 min Scan# 568
 Delta R.T. 0.01 min
 Lab File: BF099974.D
 Acq: 30 Oct 2017 21:38

Tgt Ion:112 Resp: 736100
 Ion Ratio Lower Upper
 112 100
 64 52.1 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): BF0
 Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 127.155 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.00 min

Lab File: BF099974.D

Acq: 30 Oct 2017 21:38

Instrument :

BNA_F

ClientSampleId :

RO-72-11966

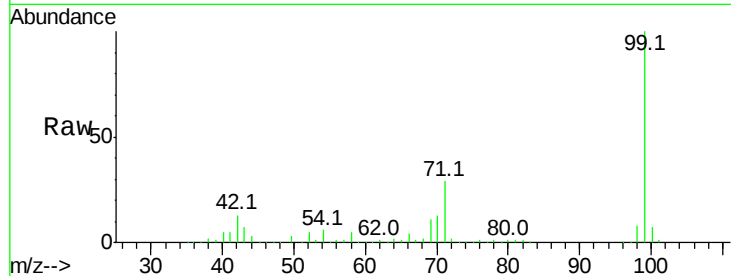
Tot Ion: 99 Resp: 808932

Ion Ratio Lower Upper

99 100

42 13.3 14.5 21.7#

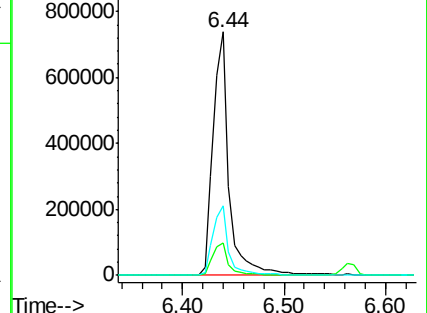
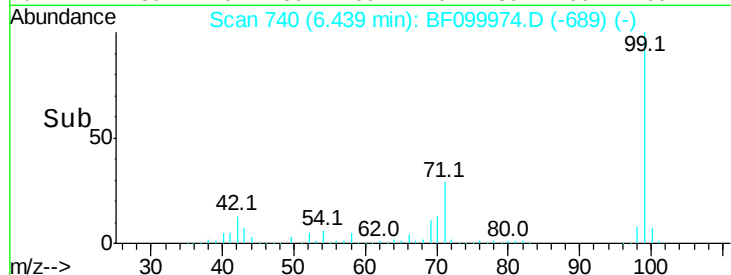
71 28.6 25.4 38.0



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# 1017

Delta R.T. -0.01 min

Lab File: BF099974.D

Acq: 30 Oct 2017 21:38

Tgt Ion:136 Resp: 344826

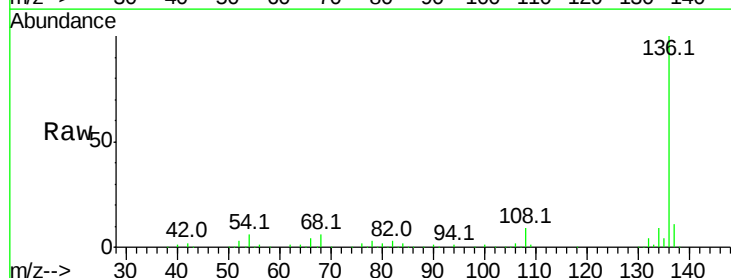
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 6.4 6.6 9.8#

68 5.6 5.0 7.4

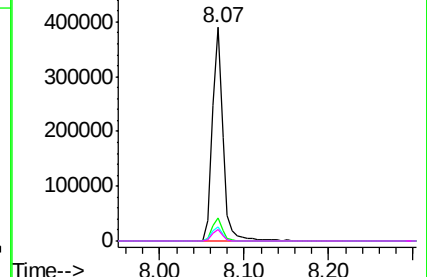
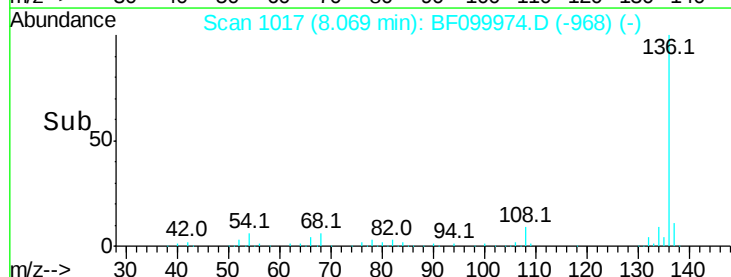


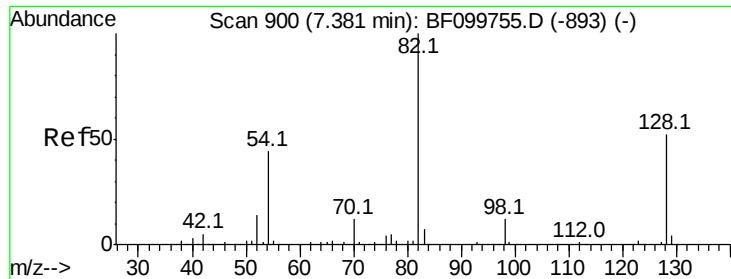
Abundance Ion 136.00 (135.70 to 136.70): E

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

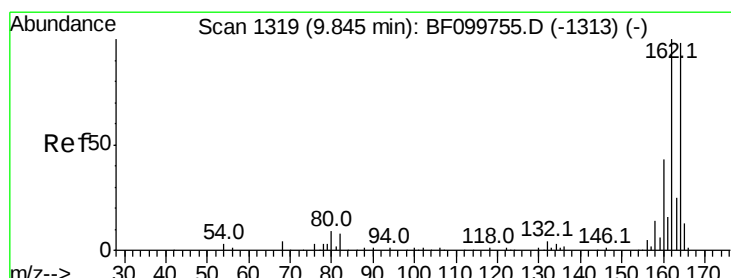
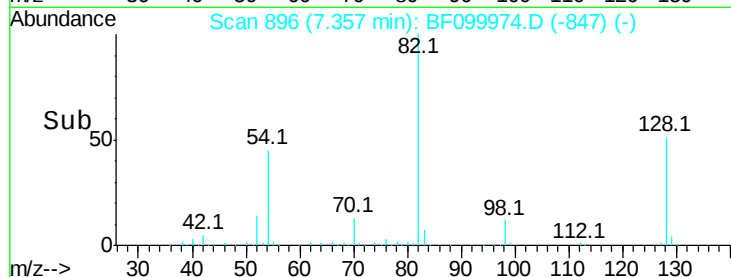
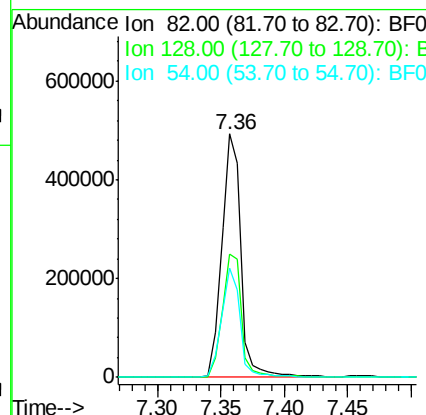
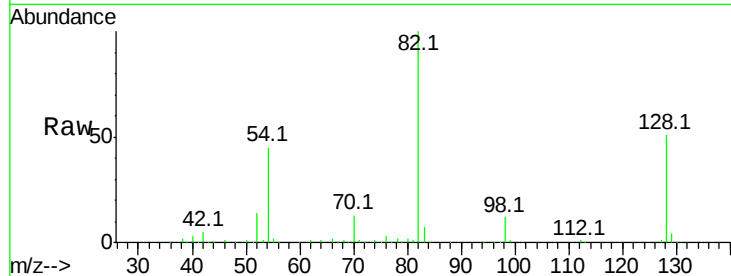




#23
Nitrobenzene-d5
Concen: 98.246 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF099974.D
Acq: 30 Oct 2017 21:38

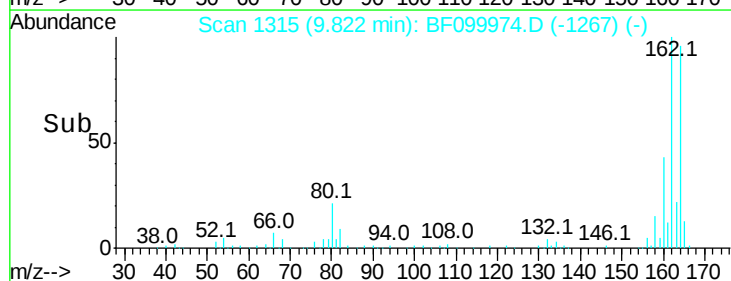
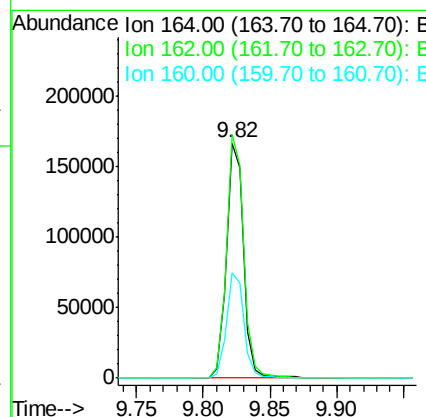
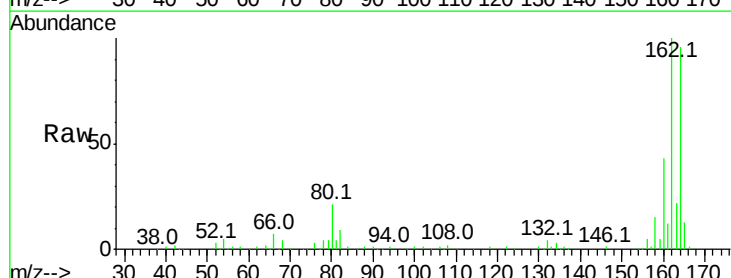
Instrument :
BNA_F
ClientSampleId :
RO-72-11966

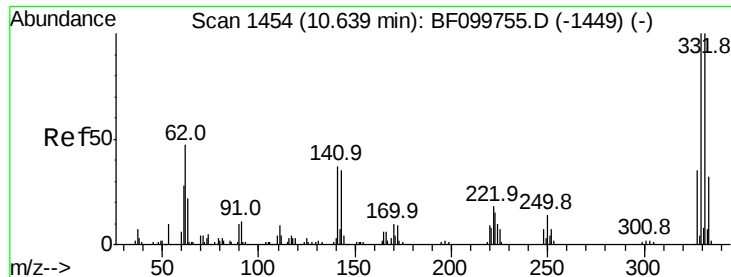
Tot Ion: 82 Resp: 526214
Ion Ratio Lower Upper
82 100
128 50.5 36.1 54.1
54 44.8 41.4 62.2



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.02 min
Lab File: BF099974.D
Acq: 30 Oct 2017 21:38

Tgt Ion:164 Resp: 151204
Ion Ratio Lower Upper
164 100
162 103.7 86.1 129.1
160 44.8 38.3 57.5

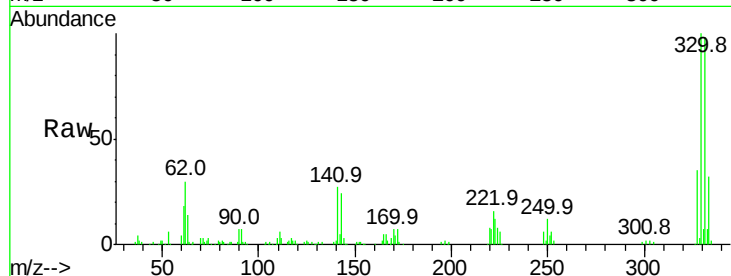




#41
 2,4,6-Tribromophenol
 Concen: 140.192 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.01 min
 Lab File: BF099974.D
 Acq: 30 Oct 2017 21:38

Instrument :
 BNA_F
 ClientSampleId :
 RO-72-11966

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.0	115.6
141	33.4	29.9	44.9

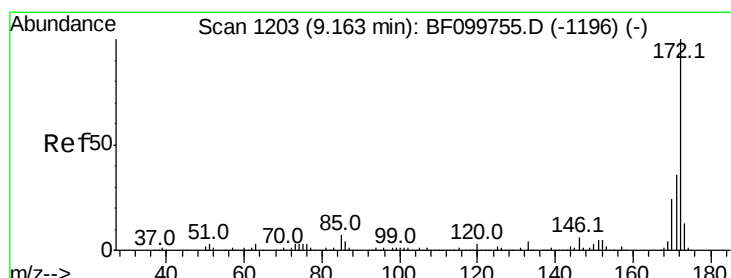
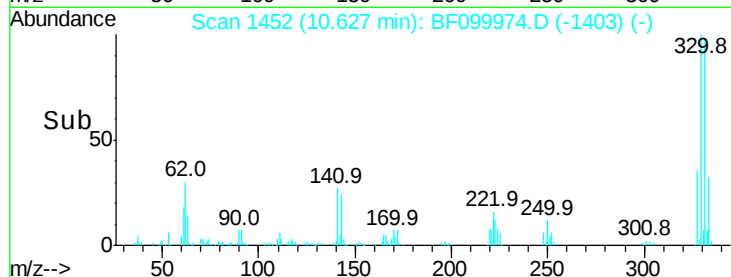
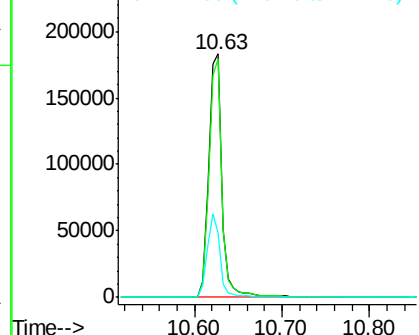


Abundance

Ion 329.80 (329.50 to 330.50): E

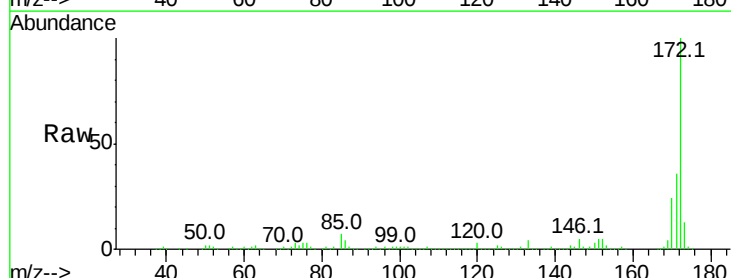
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 108.311 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BF099974.D
 Acq: 30 Oct 2017 21:38

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.7	44.5
170	23.8	19.6	29.4

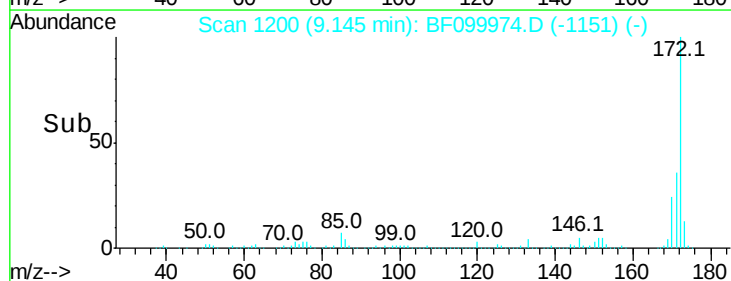
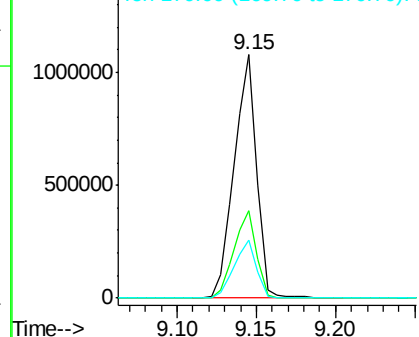


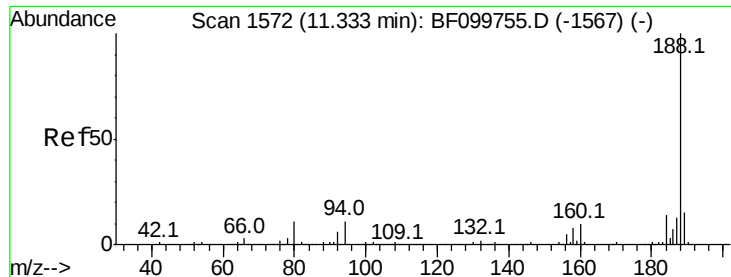
Abundance

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

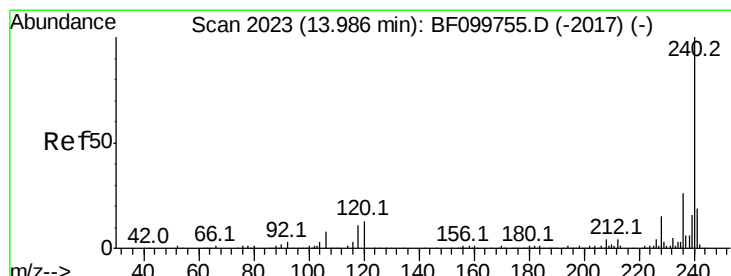
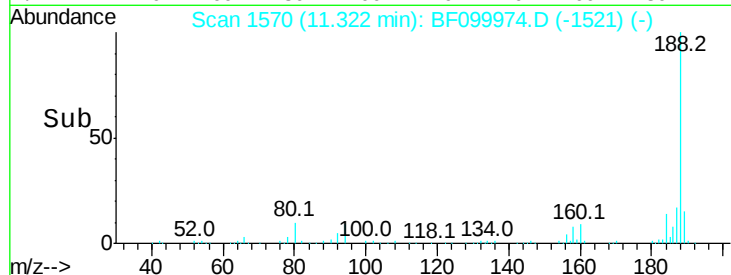
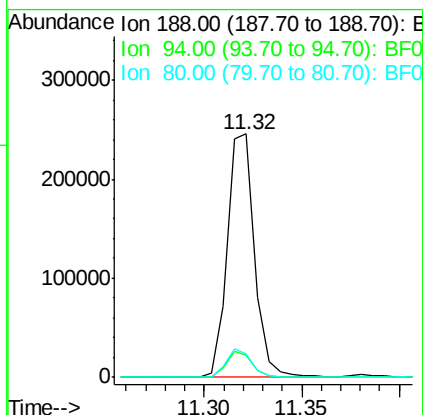
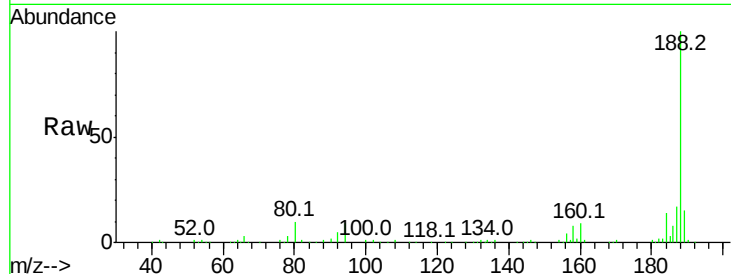




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BF099974.D
Acq: 30 Oct 2017 21:38

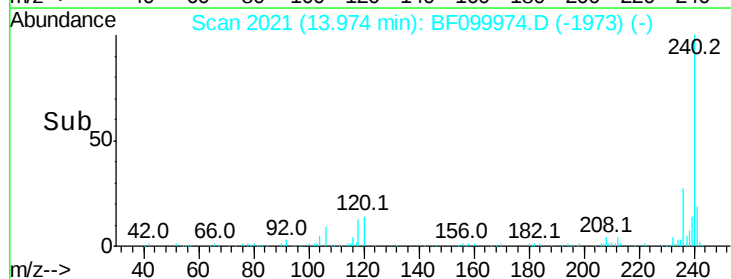
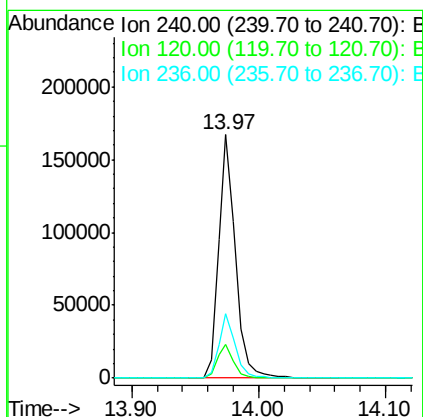
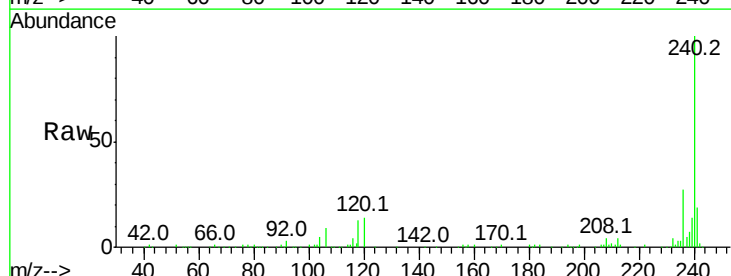
Instrument :
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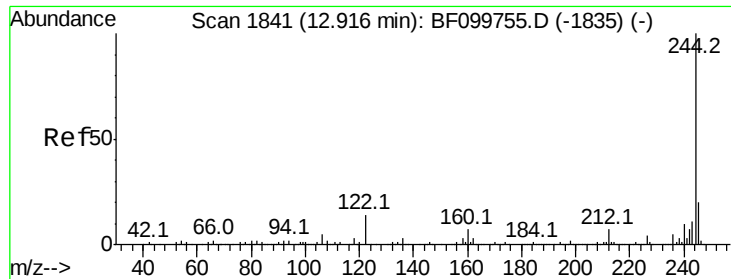
Tot Ion	Ratio	Lower	Upper
188	100		
94	8.9	8.5	12.7
80	9.9	9.2	13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.02 min
Lab File: BF099974.D
Acq: 30 Oct 2017 21:38

Tgt Ion	Ratio	Lower	Upper
240	100		
120	14.0	9.5	14.3
236	26.5	20.7	31.1

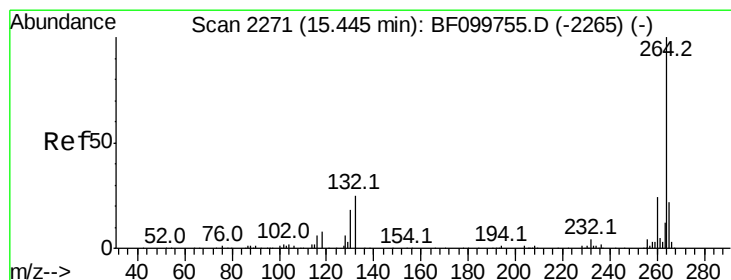
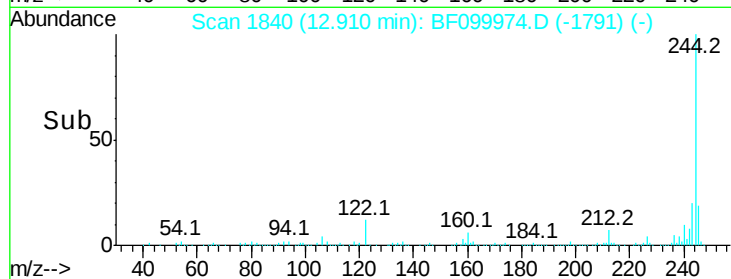
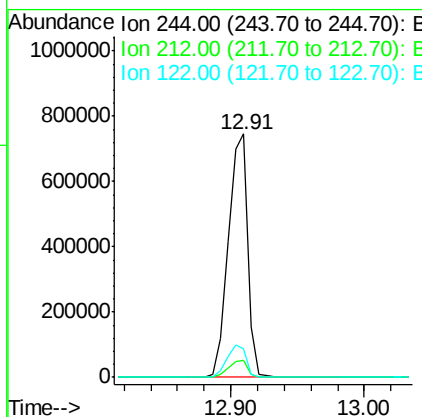
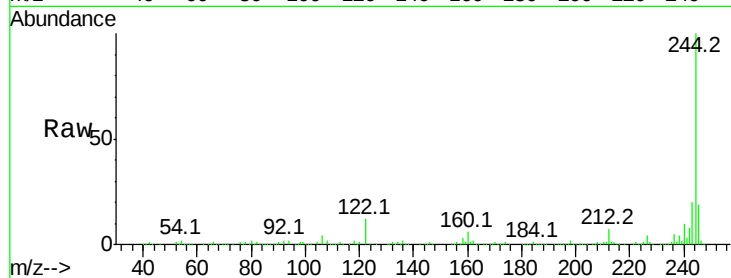




#78
 Terphenyl-d14
 Concen: 107.642 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. -0.01 min
 Lab File: BF099974.D
 Acq: 30 Oct 2017 21:38

Instrument :
 BNA_F
 ClientSampleId :
 RO-72-11966

Tot Ion:244 Resp: 766312
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 11.8 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.46 min Scan# 2273
 Delta R.T. -0.00 min
 Lab File: BF099974.D
 Acq: 30 Oct 2017 21:38

Tgt Ion:264 Resp: 140371
 Ion Ratio Lower Upper
 264 100
 260 22.2 19.2 28.8
 265 20.3 17.5 26.3

