

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071117\
 Data File : BF096656.D
 Acq On : 11 Jul 2017 20:47
 Operator : SJ/JU
 Sample : I4120-05
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-12-COMP

Quant Time: Jul 12 03:47:49 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 07 13:02:33 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	95042	20.00	ng	-0.01
21) Naphthalene-d8	7.96	136	401101	20.00	ng	-0.02
38) Acenaphthene-d10	9.72	164	173873	20.00	ng	-0.02
63) Phenanthrene-d10	11.19	188	280437	20.00	ng	-0.02
75) Chrysene-d12	13.82	240	191975	20.00	ng	-0.02
86) Perylene-d12	15.22	264	169799	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	703708	109.28	ng	0.00
7) Phenol-d6	6.33	99	779474	98.46	ng	-0.02
23) Nitrobenzene-d5	7.25	82	536071	80.31	ng	-0.02
41) 2,4,6-Tribromophenol	10.50	330	182493	134.37	ng	-0.02
44) 2-Fluorobiphenyl	9.05	172	917897	90.26	ng	-0.02
78) Terphenyl-d14	12.78	244	684523	76.19	ng	-0.02

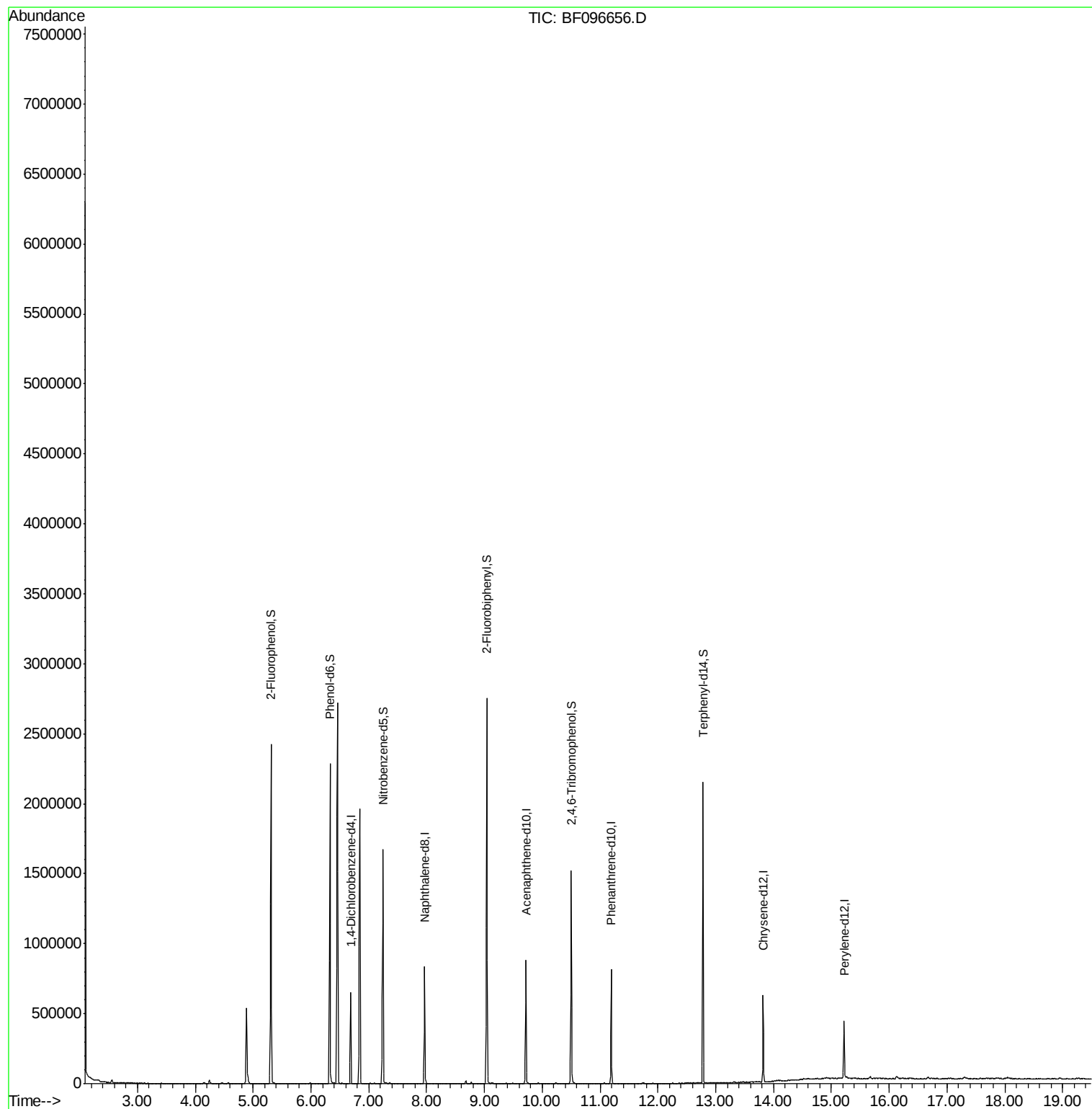
Target Compounds	Qvalue
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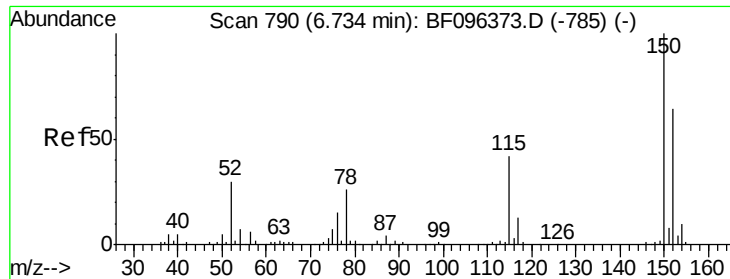
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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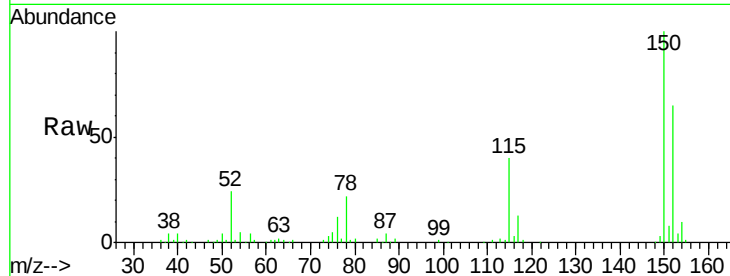


#1

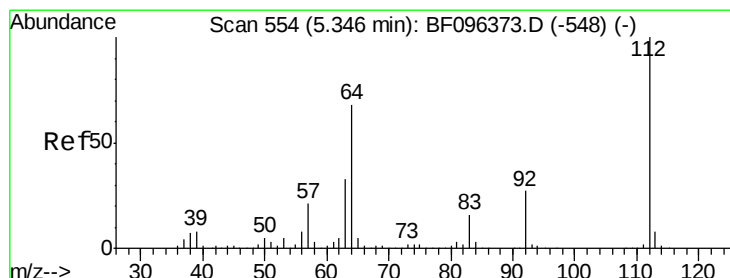
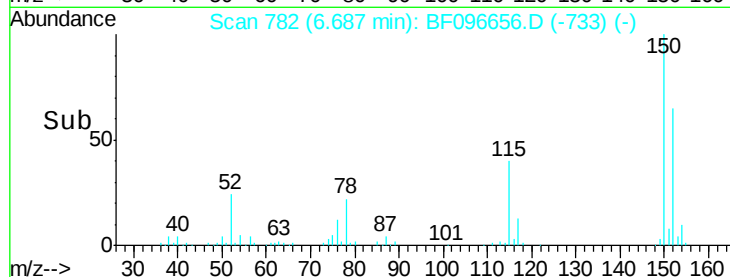
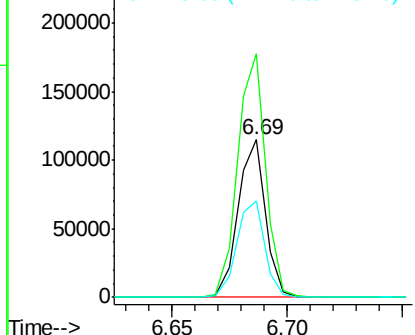
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 782
Delta R.T. -0.01 min
Lab File: BF096656.D
Acq: 11 Jul 2017 20:47

Instrument :
BNA_F
ClientSampleId :
TP-12-COMP

Tgt Ion:152 Resp: 95042
Ion Ratio Lower Upper
152 100
150 154.3 126.2 189.2
115 61.4 52.2 78.2



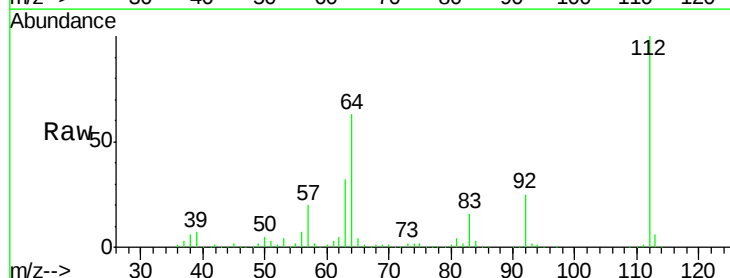
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



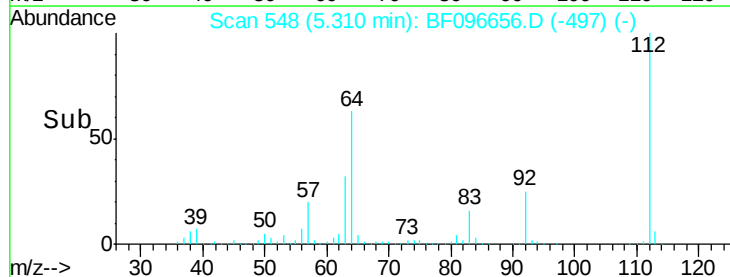
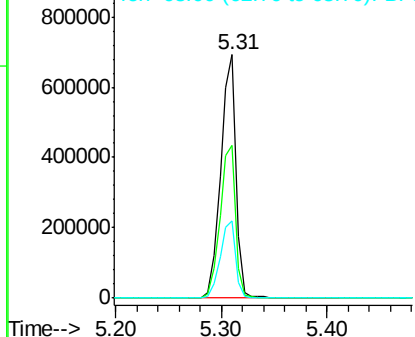
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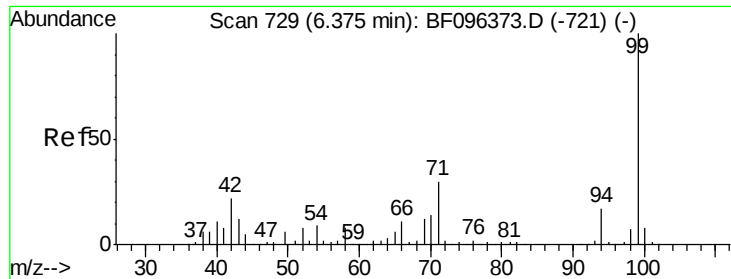
2-Fluorophenol
Concen: 109.283 ng
RT: 5.31 min Scan# 548
Delta R.T. 0.00 min
Lab File: BF096656.D
Acq: 11 Jul 2017 20:47

Tgt Ion:112 Resp: 703708
Ion Ratio Lower Upper
112 100
64 62.6 46.0 69.0
63 31.6 23.4 35.0



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: 98.465 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.02 min

Lab File: BF096656.D

Acq: 11 Jul 2017 20:47

Instrument :

BNA_F

ClientSampleId :

TP-12-COMP

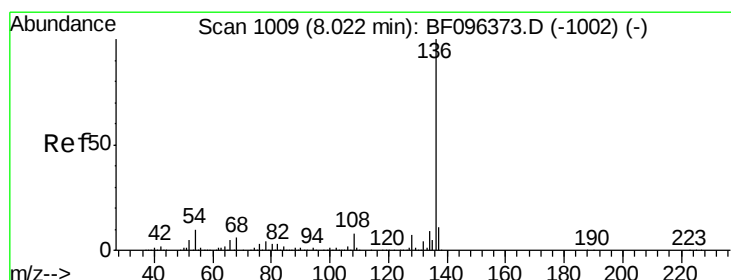
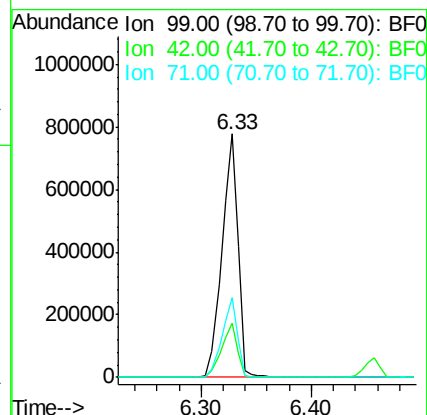
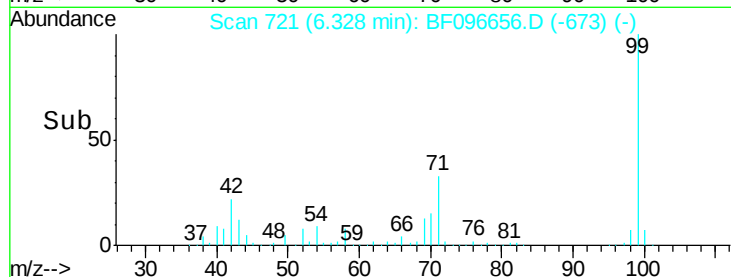
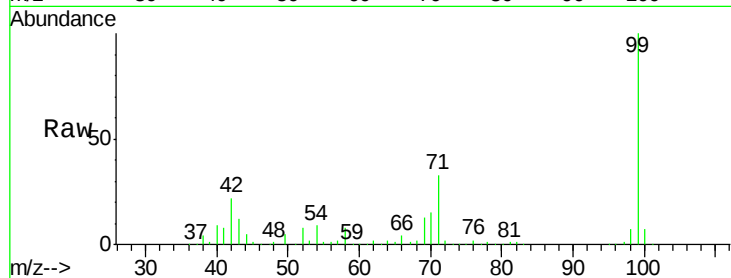
Tgt Ion: 99 Resp: 779474

Ion Ratio Lower Upper

99 100

42 22.5 13.5 20.3#

71 32.9 24.5 36.7



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.96 min Scan# 999

Delta R.T. -0.02 min

Lab File: BF096656.D

Acq: 11 Jul 2017 20:47

Tgt Ion: 136 Resp: 401101

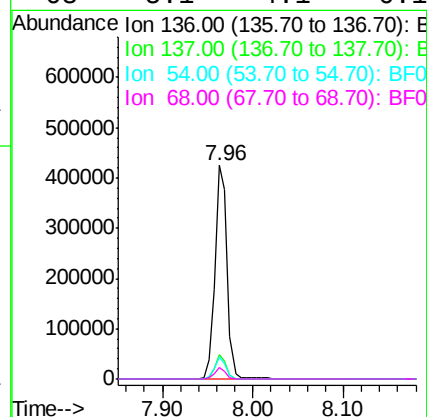
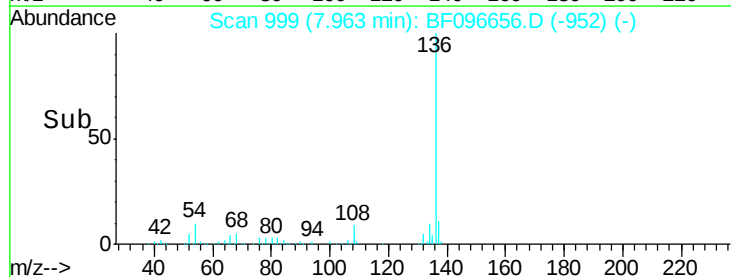
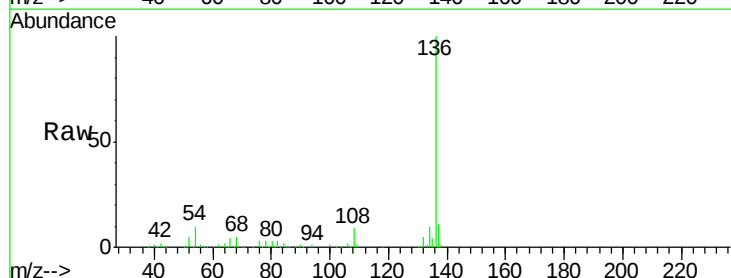
Ion Ratio Lower Upper

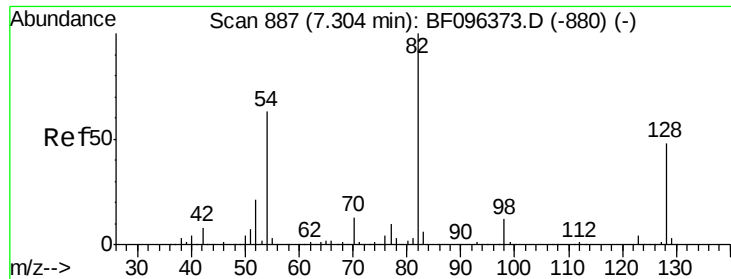
136 100

137 11.1 8.5 12.7

54 10.0 4.9 7.3#

68 5.1 4.1 6.1

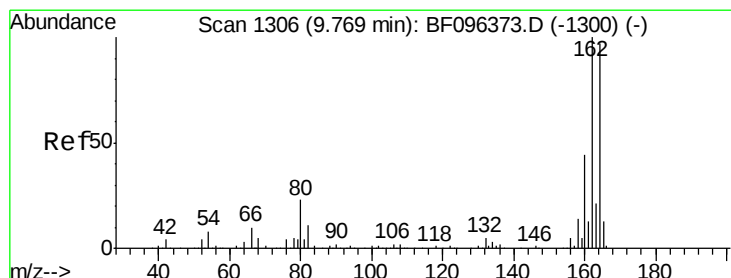
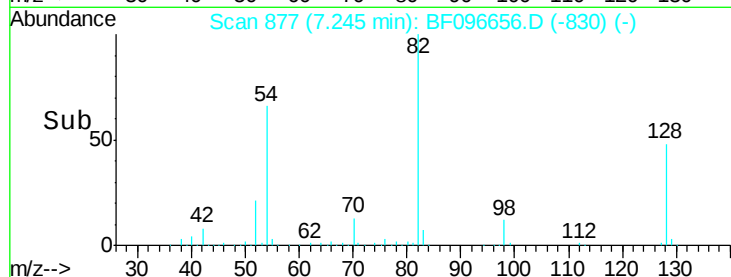
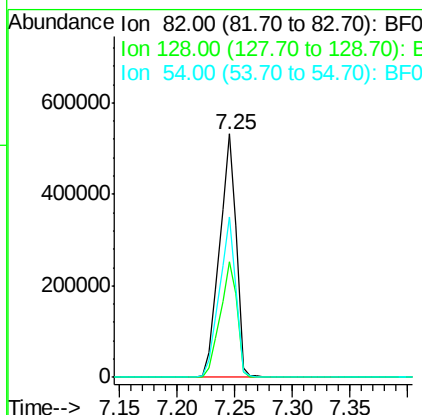
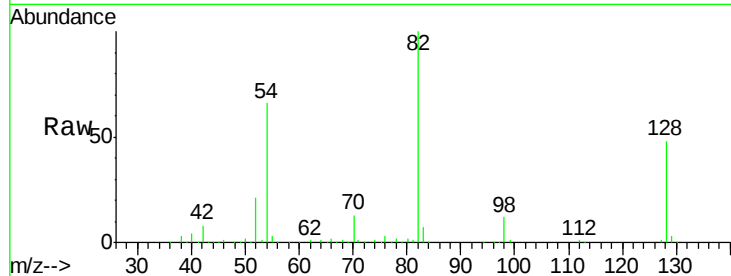




#23
 Nitrobenzene-d5
 Concen: 80.311 ng
 RT: 7.25 min Scan# 877
 Delta R.T. -0.02 min
 Lab File: BF096656.D
 Acq: 11 Jul 2017 20:47

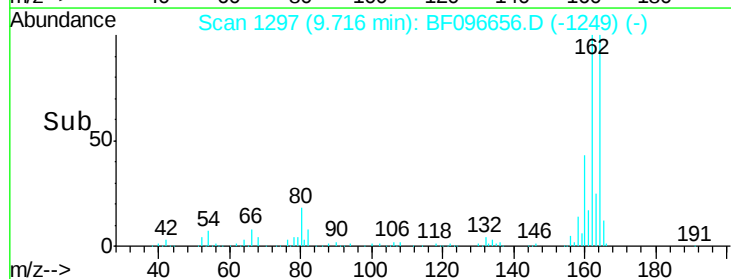
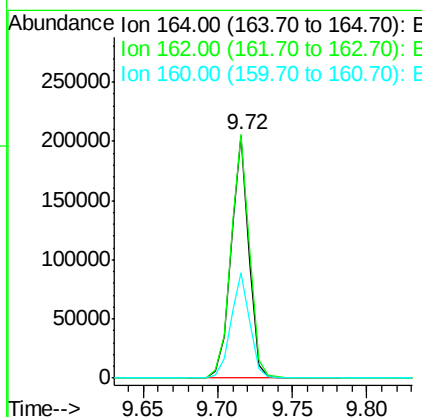
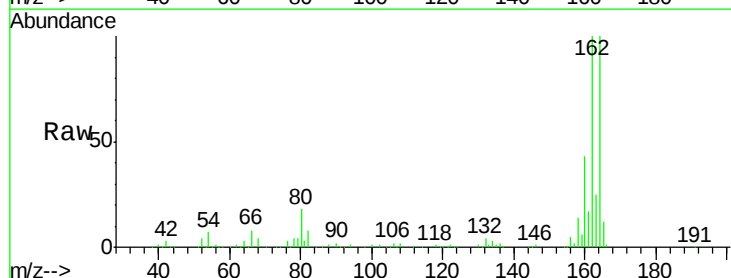
Instrument :
 BNA_F
 ClientSampleId :
 TP-12-COMP

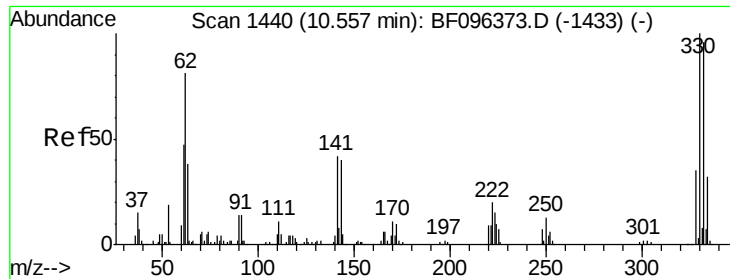
Tgt Ion: 82 Resp: 536071
 Ion Ratio Lower Upper
 82 100
 128 47.6 34.0 51.0
 54 66.0 42.2 63.2#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.72 min Scan# 1297
 Delta R.T. -0.02 min
 Lab File: BF096656.D
 Acq: 11 Jul 2017 20:47

Tgt Ion: 164 Resp: 173873
 Ion Ratio Lower Upper
 164 100
 162 100.4 82.6 123.8
 160 43.4 36.2 54.2

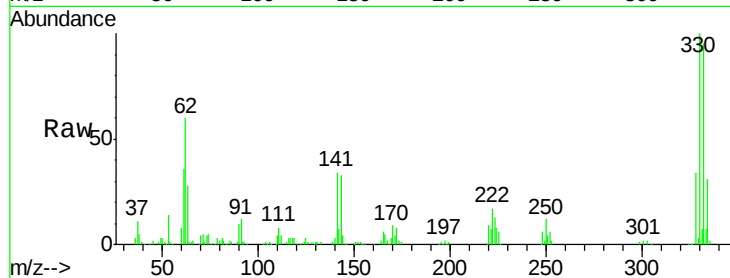




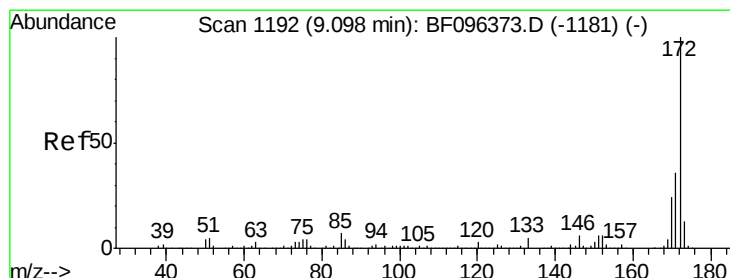
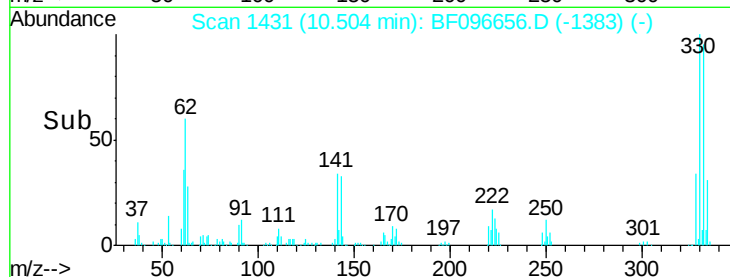
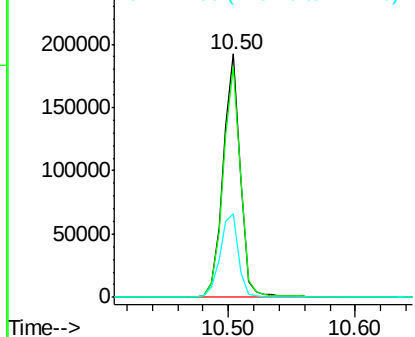
#41
 2,4,6-Tribromophenol
 Concen: 134.368 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. -0.02 min
 Lab File: BF096656.D
 Acq: 11 Jul 2017 20:47

Instrument :
 BNA_F
 ClientSampleId :
 TP-12-COMP

Tgt Ion:330 Resp: 182493
 Ion Ratio Lower Upper
 330 100
 332 96.2 76.6 115.0
 141 37.2 31.4 47.2

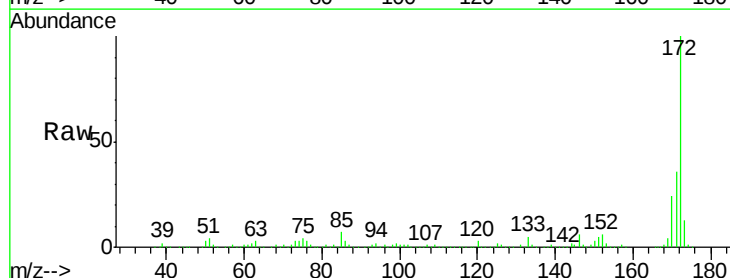


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

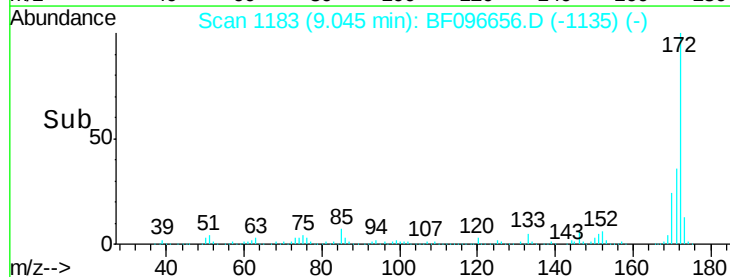
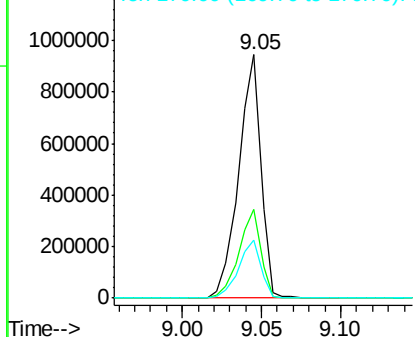


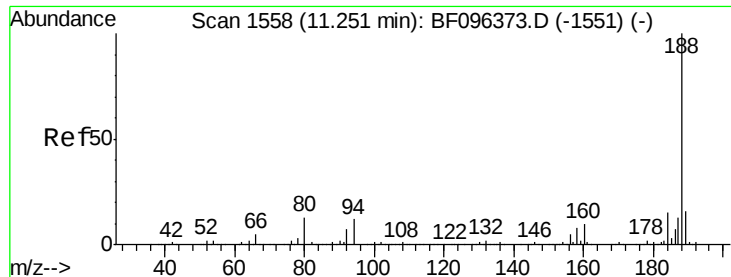
#44
 2-Fluorobiphenyl
 Concen: 90.261 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. -0.02 min
 Lab File: BF096656.D
 Acq: 11 Jul 2017 20:47

Tgt Ion:172 Resp: 917897
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.6 44.4
 170 24.1 19.8 29.8



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

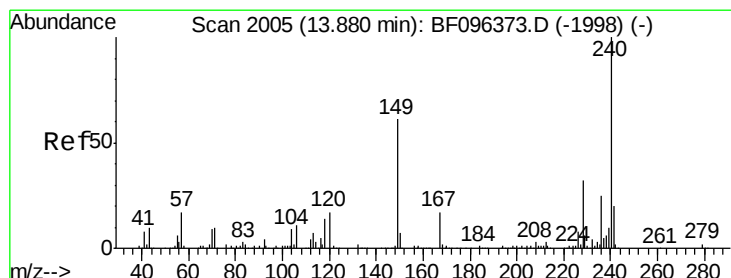
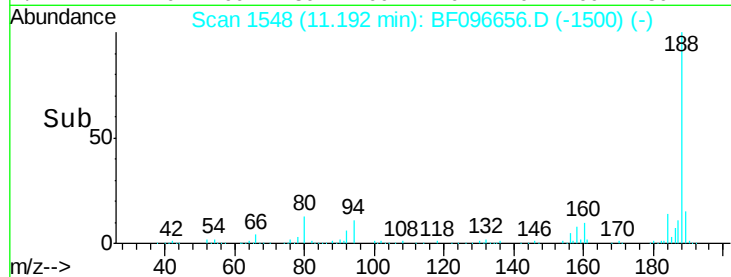
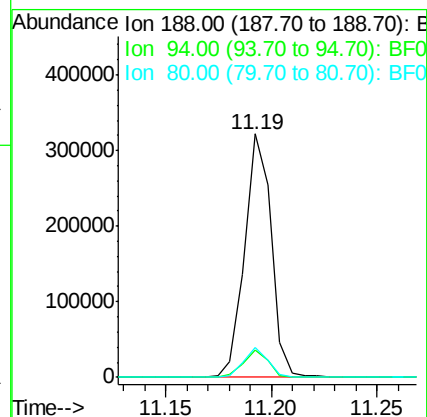
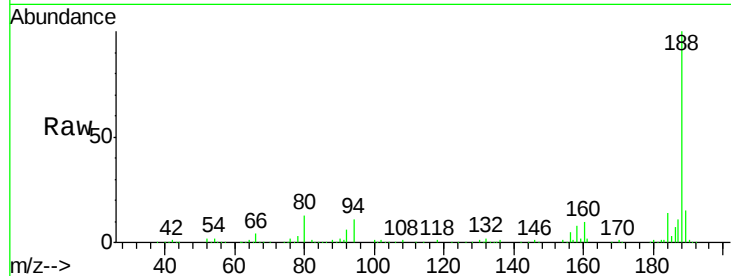




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.19 min Scan# 1548
Delta R.T. -0.02 min
Lab File: BF096656.D
Acq: 11 Jul 2017 20:47

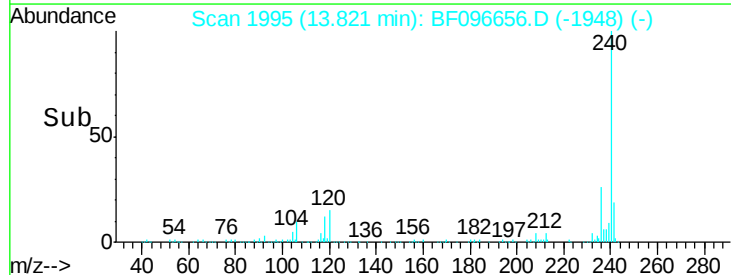
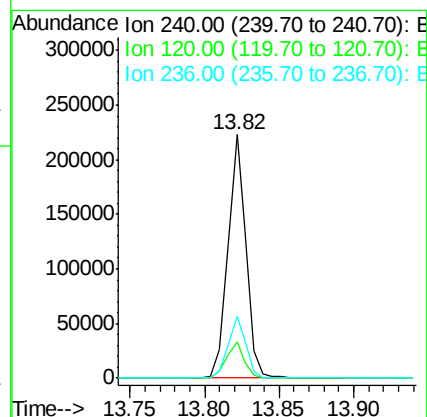
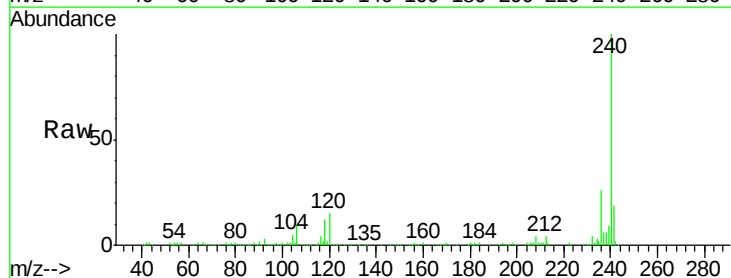
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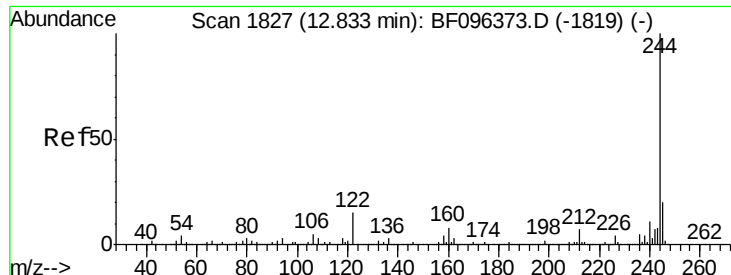
Tgt Ion:188 Resp: 280437
Ion Ratio Lower Upper
188 100
94 11.5 9.4 14.2
80 12.5 10.2 15.2



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.82 min Scan# 1995
Delta R.T. -0.02 min
Lab File: BF096656.D
Acq: 11 Jul 2017 20:47

Tgt Ion:240 Resp: 191975
Ion Ratio Lower Upper
240 100
120 14.8 5.8 8.8#
236 25.6 20.5 30.7

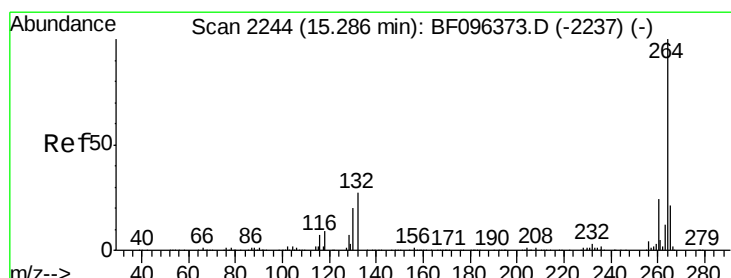
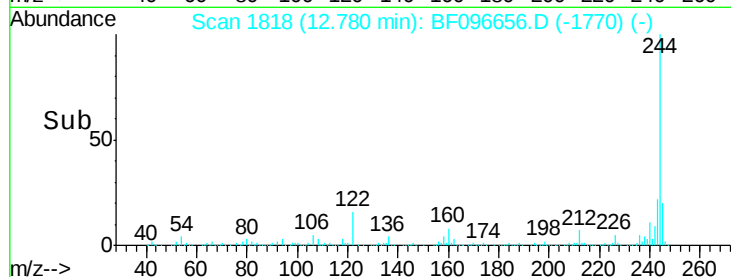
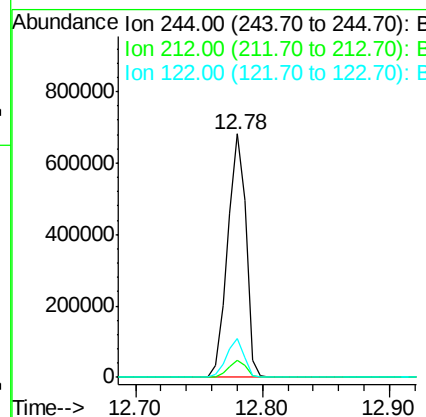
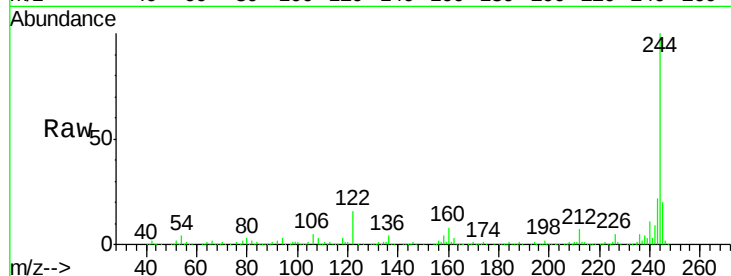




#78
 Terphenyl-d14
 Concen: 76.193 ng
 RT: 12.78 min Scan# 1818
 Delta R.T. -0.02 min
 Lab File: BF096656.D
 Acq: 11 Jul 2017 20:47

Instrument :
 BNA_F
 ClientSampleId :
 TP-12-COMP

Tgt Ion:244 Resp: 684523
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 16.0 10.3 15.5#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.22 min Scan# 2233
 Delta R.T. -0.02 min
 Lab File: BF096656.D
 Acq: 11 Jul 2017 20:47

Tgt Ion:264 Resp: 169799
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.5 29.3
 265 22.4 17.2 25.8

