

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070116\
 Data File : BF088586.D
 Acq On : 1 Jul 2016 20:43
 Operator : UM/SJ
 Sample : H3850-02 10X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 H2-4-SP-C

Quant Time: Jul 02 03:29:43 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 30 18:01:55 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	129780	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	473024	20.00	ng	-0.01
38) Acenaphthene-d10	9.84	164	195451	20.00	ng	-0.01
63) Phenanthrene-d10	11.32	188	313832	20.00	ng	0.00
75) Chrysene-d12	13.94	240	241836	20.00	ng	-0.01
86) Perylene-d12	15.35	264	201822	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	61604	7.11	ng	-0.01
7) Phenol-d6	6.42	99	81288	7.26	ng	-0.02
23) Nitrobenzene-d5	7.36	82	43587	4.83	ng	-0.02
41) 2,4,6-Tribromophenol	10.63	330	9355	5.15	ng	-0.01
44) 2-Fluorobiphenyl	9.16	172	91506	7.40	ng	-0.01
78) Terphenyl-d14	12.90	244	57180	5.27	ng	-0.01

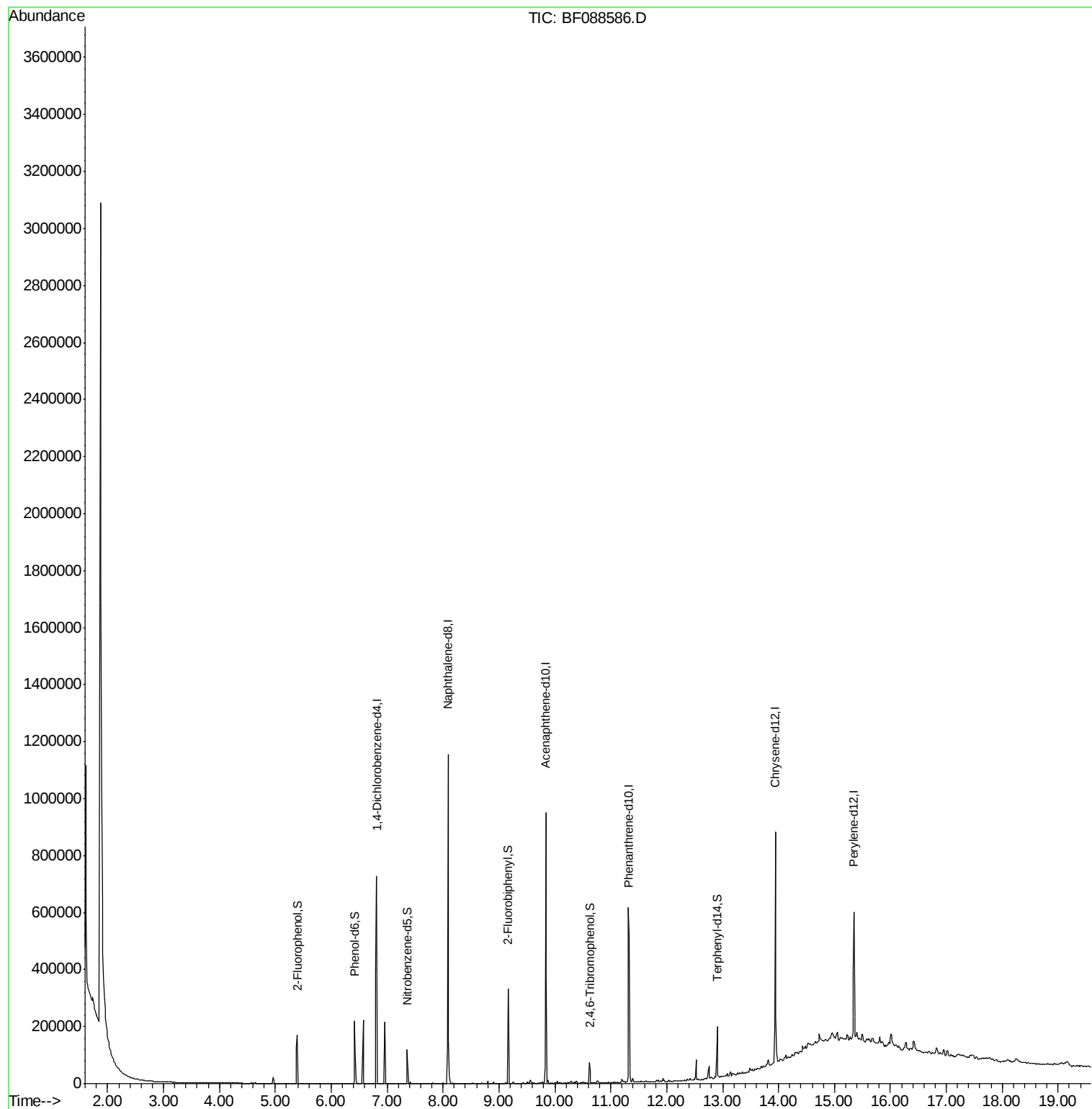
Target Compounds	Qvalue
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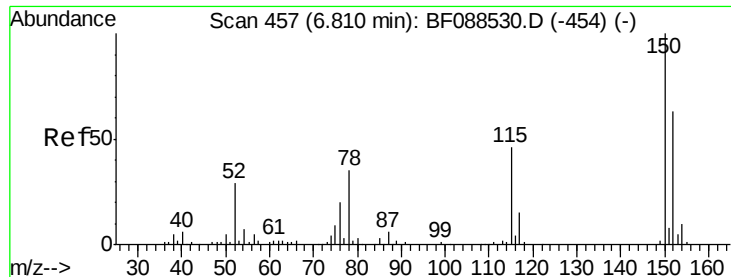
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.81 min Scan# 457

Delta R.T. -0.00 min

Lab File: BF088586.D

Acq: 1 Jul 2016 20:43

Instrument :

BNA_F

ClientSampleId :

H2-4-SP-C

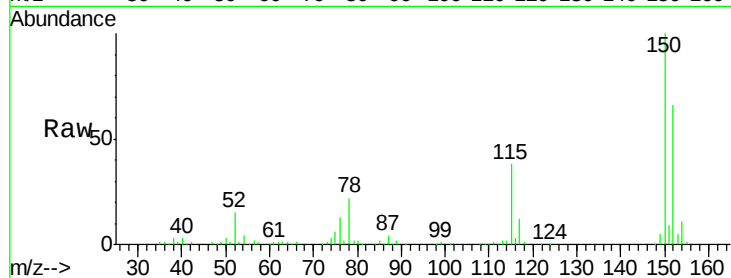
Tgt Ion:152 Resp: 129780

Ion Ratio Lower Upper

152 100

150 151.7 123.8 185.6

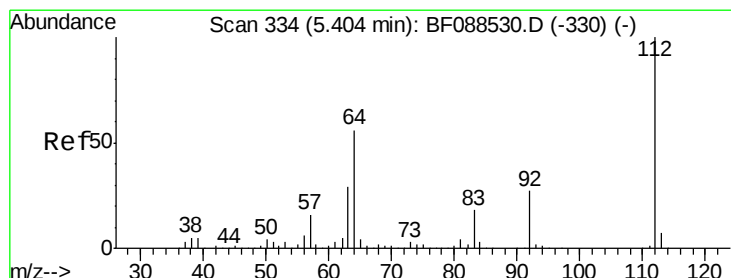
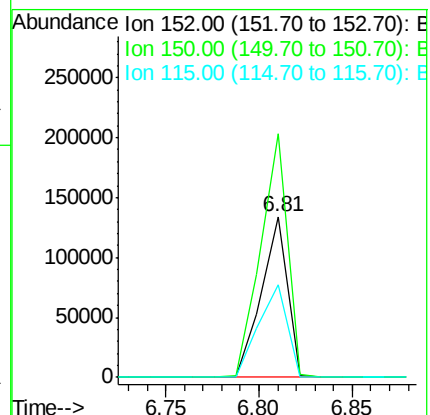
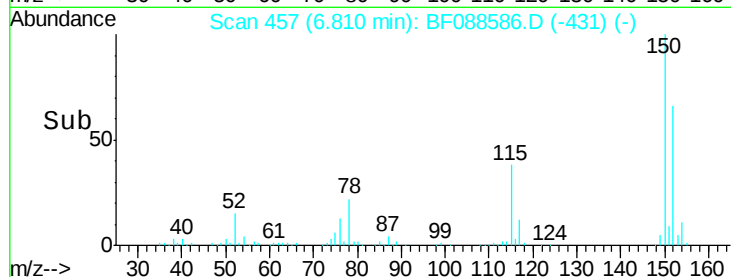
115 57.4 39.6 59.4



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: 7.11 ng

RT: 5.39 min Scan# 333

Delta R.T. -0.01 min

Lab File: BF088586.D

Acq: 1 Jul 2016 20:43

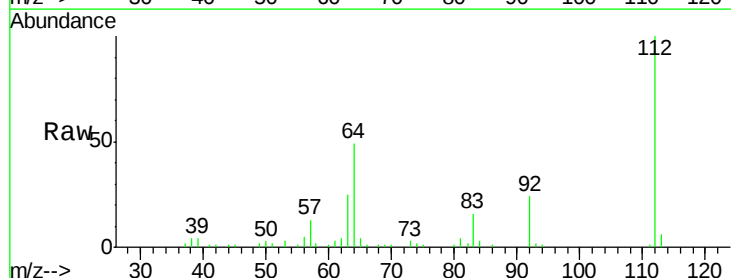
Tgt Ion:112 Resp: 61604

Ion Ratio Lower Upper

112 100

64 48.6 42.2 63.2

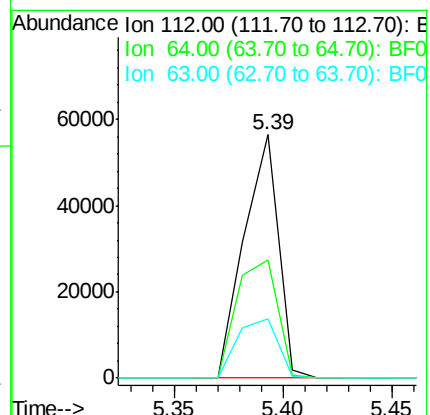
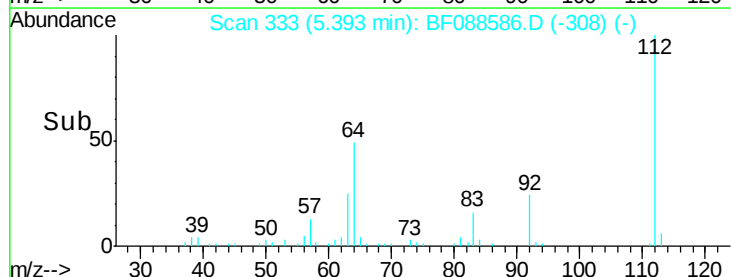
63 24.5 21.8 32.8



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: 7.26 ng

RT: 6.42 min Scan# 423

Delta R.T. -0.02 min

Lab File: BF088586.D

Acq: 1 Jul 2016 20:43

Instrument :

BNA_F

ClientSampleId :

H2-4-SP-C

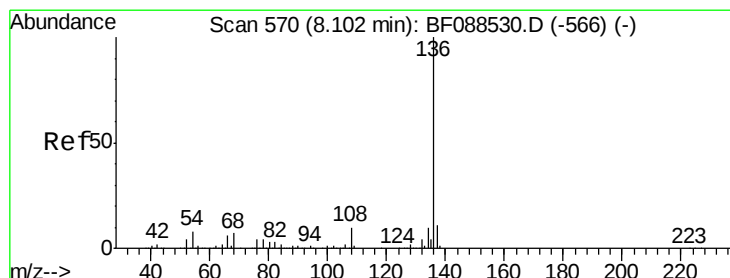
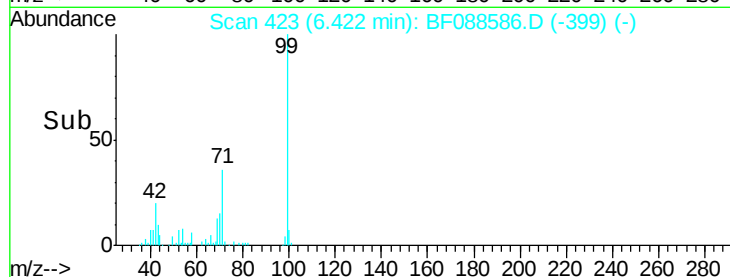
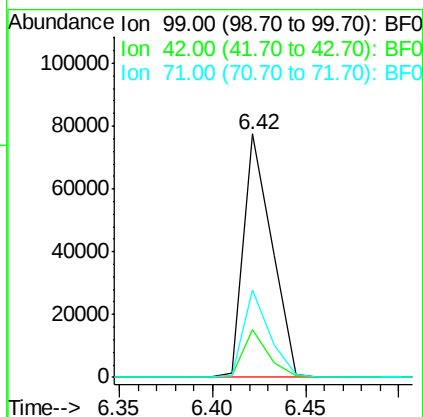
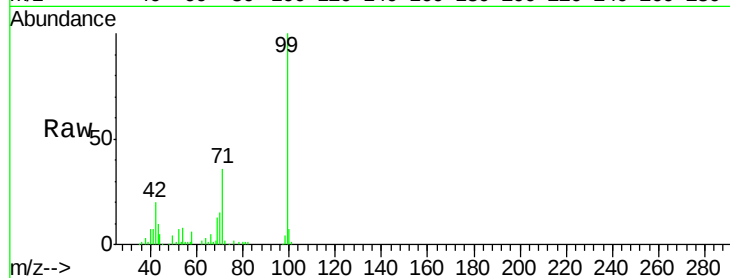
Tgt Ion: 99 Resp: 81288

Ion Ratio Lower Upper

99 100

42 19.6 12.2 18.2#

71 35.7 23.4 35.0#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.09 min Scan# 569

Delta R.T. -0.01 min

Lab File: BF088586.D

Acq: 1 Jul 2016 20:43

Tgt Ion: 136 Resp: 473024

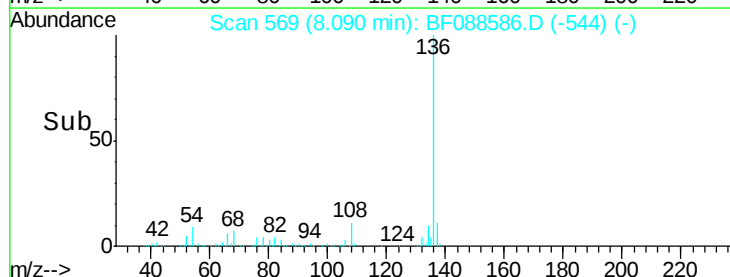
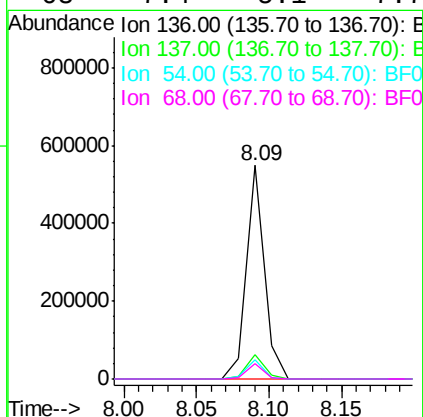
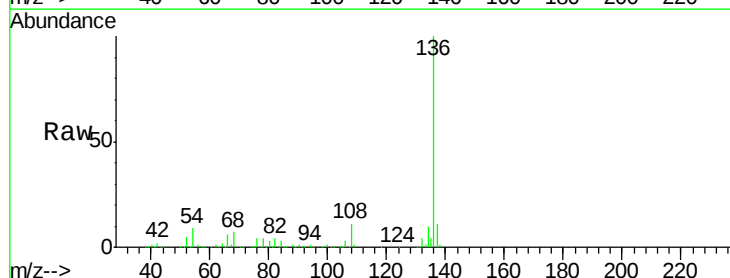
Ion Ratio Lower Upper

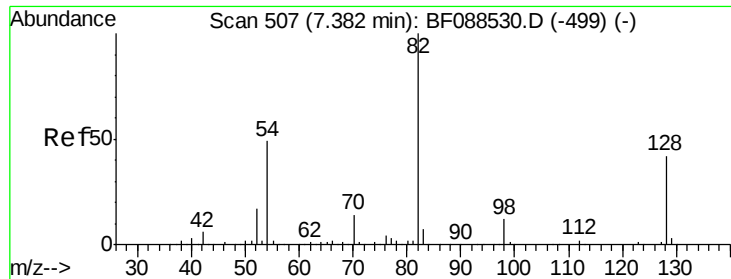
136 100

137 11.1 9.1 13.7

54 9.0 6.6 10.0

68 7.4 5.1 7.7

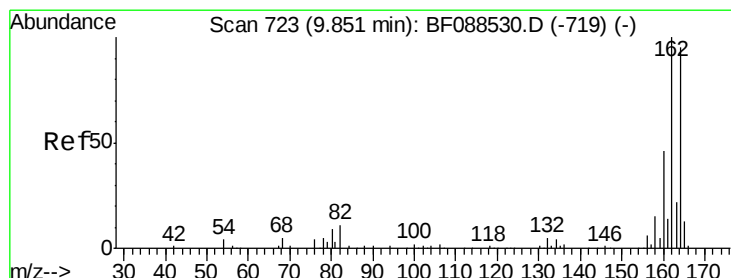
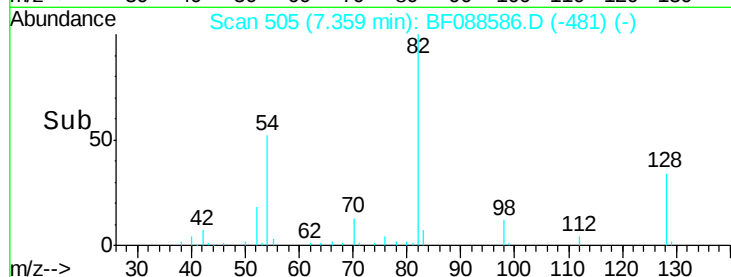
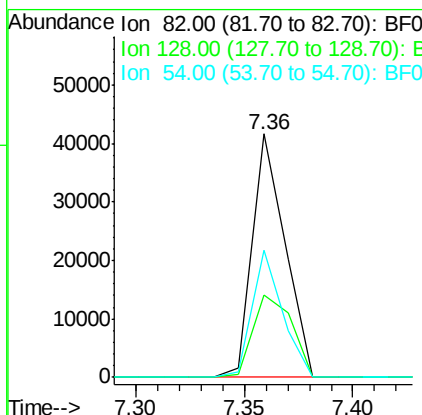
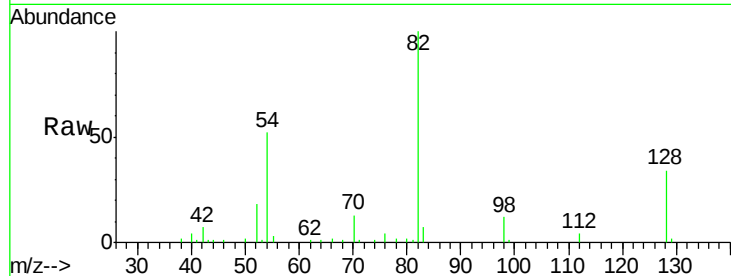




#23
 Nitrobenzene-d5
 Concen: 4.83 ng
 RT: 7.36 min Scan# 505
 Delta R.T. -0.02 min
 Lab File: BF088586.D
 Acq: 1 Jul 2016 20:43

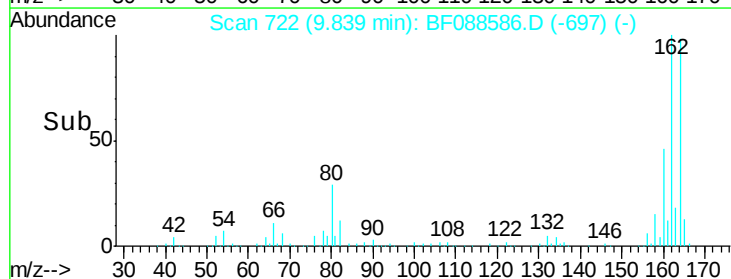
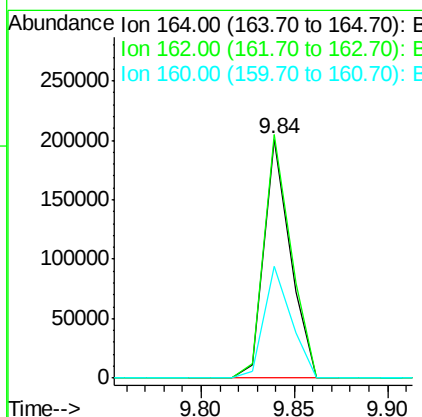
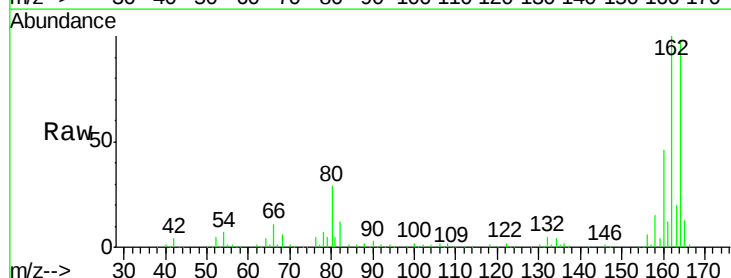
Instrument :
 BNA_F
 ClientSampled :
 H2-4-SP-C

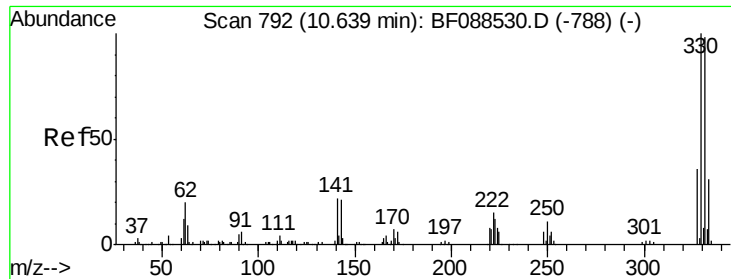
Tgt Ion: 82 Resp: 43587
 Ion Ratio Lower Upper
 82 100
 128 33.8 35.9 53.9#
 54 52.3 40.9 61.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.84 min Scan# 722
 Delta R.T. -0.01 min
 Lab File: BF088586.D
 Acq: 1 Jul 2016 20:43

Tgt Ion: 164 Resp: 195451
 Ion Ratio Lower Upper
 164 100
 162 101.9 85.4 128.2
 160 46.5 39.5 59.3

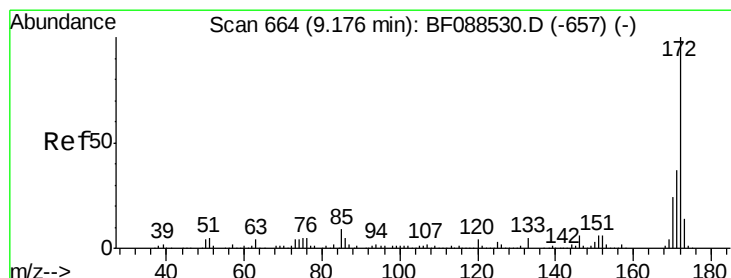
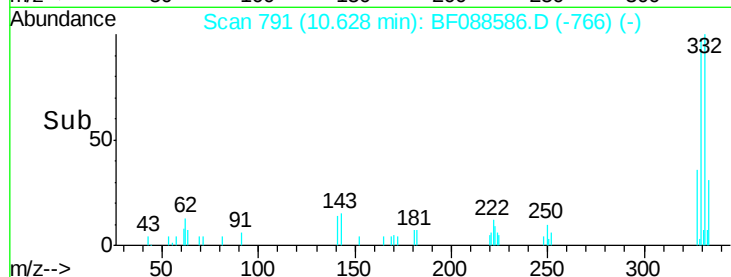
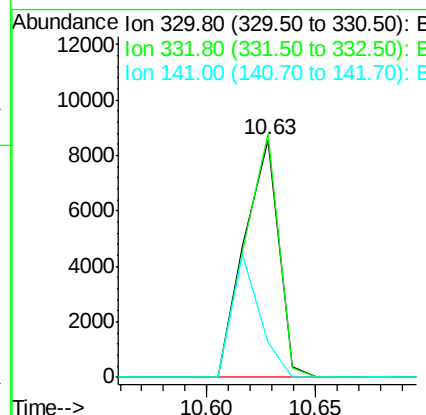
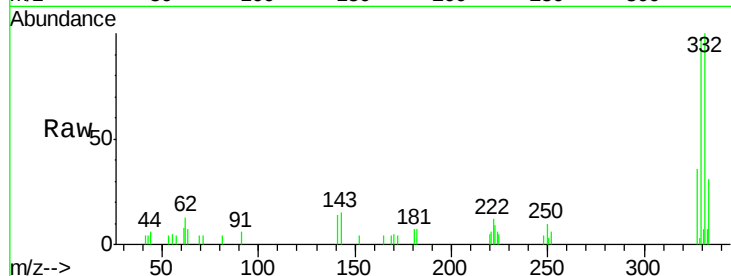




#41
 2,4,6-Tribromophenol
 Concen: 5.15 ng
 RT: 10.63 min Scan# 791
 Delta R.T. -0.01 min
 Lab File: BF088586.D
 Acq: 1 Jul 2016 20:43

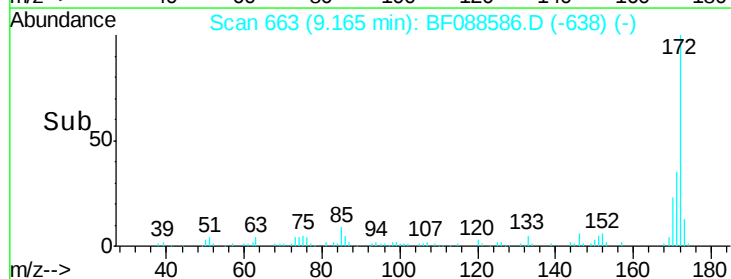
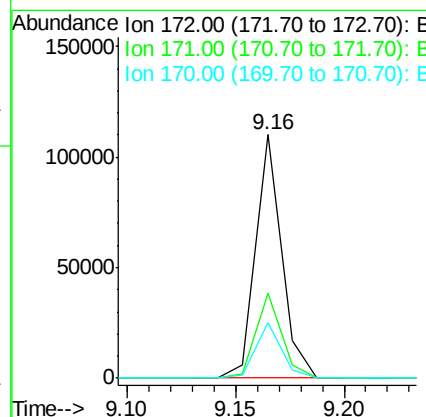
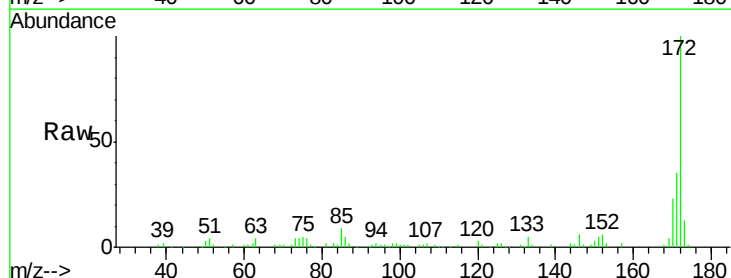
Instrument :
 BNA_F
 ClientSampleId :
 H2-4-SP-C

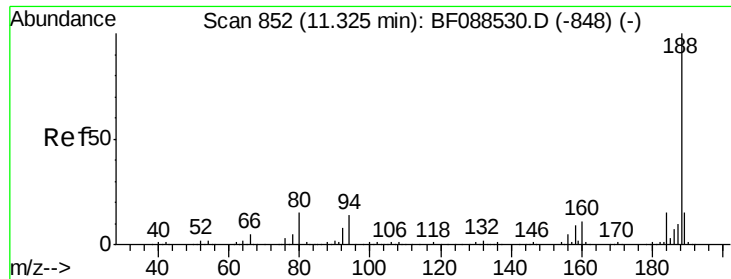
Tgt Ion: 330 Resp: 9355
 Ion Ratio Lower Upper
 330 100
 332 100.3 0.0 0.0#
 141 41.5 0.0 0.0#



#44
 2-Fluorobiphenyl
 Concen: 7.40 ng
 RT: 9.16 min Scan# 663
 Delta R.T. -0.01 min
 Lab File: BF088586.D
 Acq: 1 Jul 2016 20:43

Tgt Ion: 172 Resp: 91506
 Ion Ratio Lower Upper
 172 100
 171 34.7 28.6 43.0
 170 22.8 19.2 28.8

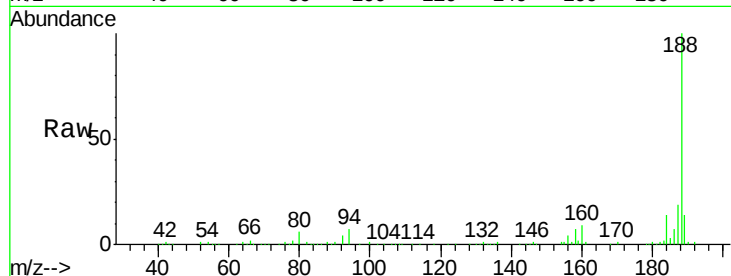




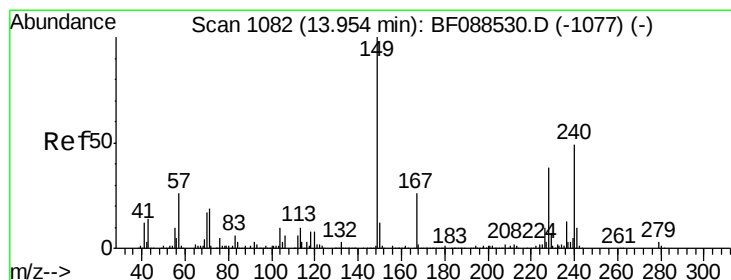
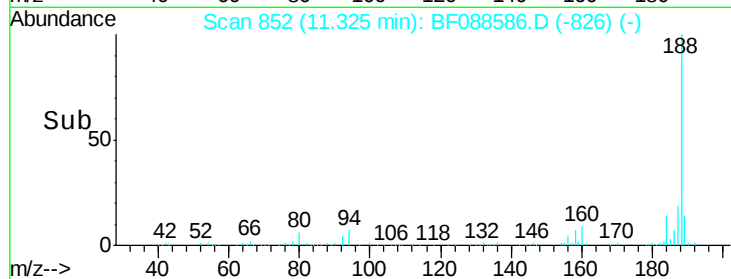
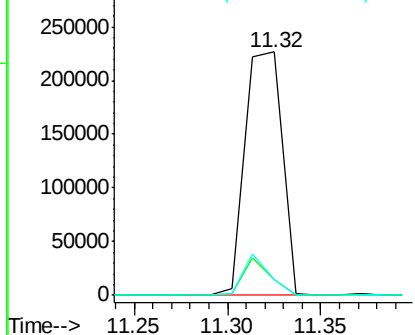
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 852
Delta R.T. -0.00 min
Lab File: BF088586.D
Acq: 1 Jul 2016 20:43

Instrument :
BNA_F
ClientSampleId :
H2-4-SP-C

Tgt Ion:188 Resp: 313832
Ion Ratio Lower Upper
188 100
94 6.5 9.0 13.6#
80 6.4 10.0 15.0#

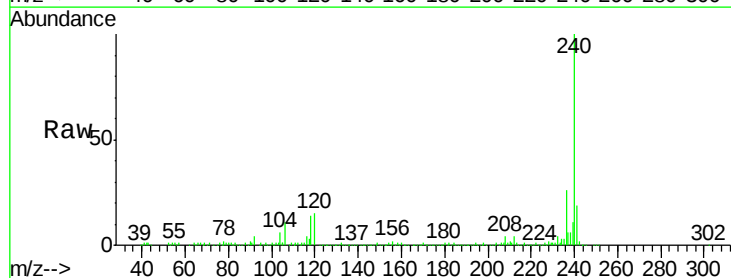


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

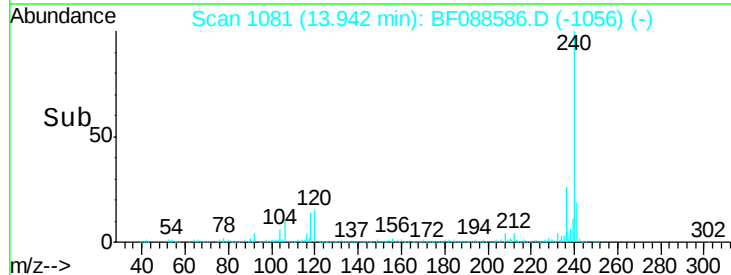
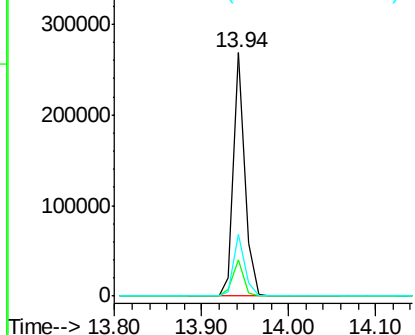


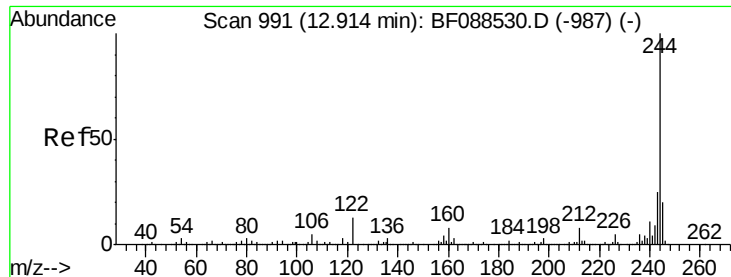
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.94 min Scan# 1081
Delta R.T. -0.01 min
Lab File: BF088586.D
Acq: 1 Jul 2016 20:43

Tgt Ion:240 Resp: 241836
Ion Ratio Lower Upper
240 100
120 15.1 6.8 10.2#
236 25.6 20.2 30.2



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

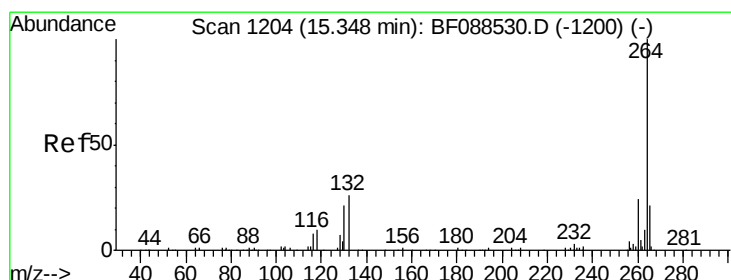
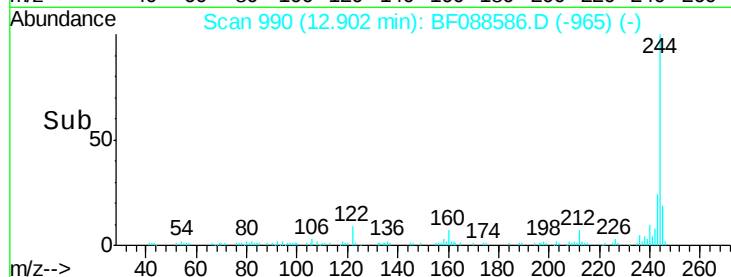
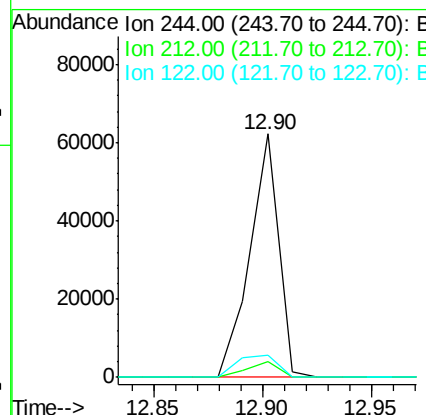
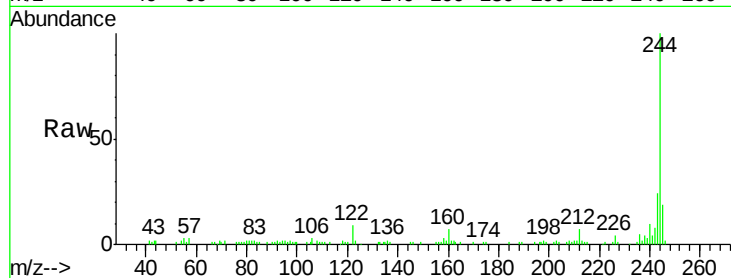




#78
 Terphenyl-d14
 Concen: 5.27 ng
 RT: 12.90 min Scan# 990
 Delta R.T. -0.01 min
 Lab File: BF088586.D
 Acq: 1 Jul 2016 20:43

Instrument :
 BNA_F
 ClientSampleId :
 H2-4-SP-C

Tgt Ion:244 Resp: 57180
 Ion Ratio Lower Upper
 244 100
 212 6.5 6.0 9.0
 122 9.3 11.2 16.8#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.35 min Scan# 1204
 Delta R.T. -0.00 min
 Lab File: BF088586.D
 Acq: 1 Jul 2016 20:43

Tgt Ion:264 Resp: 201822
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.2 28.8
 265 21.2 16.9 25.3

