

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052416\
 Data File : BF087351.D
 Acq On : 24 May 2016 22:35
 Operator : UM/SJ
 Sample : H3236-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MIDRIVER-SUMP-SOUTH-TUBE

Quant Time: May 25 01:11:32 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 25 00:58:25 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	110447	20.00	ng	0.00
21) Naphthalene-d8	9.59	136	445889	20.00	ng	-0.01
38) Acenaphthene-d10	12.41	164	218544	20.00	ng	-0.01
63) Phenanthrene-d10	14.82	188	439057	20.00	ng	0.00
75) Chrysene-d12	18.50	240	388044	20.00	ng	-0.01
86) Perylene-d12	20.18	264	268729	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	970742	154.44	ng	0.02
7) Phenol-d6	7.11	99	1237615	145.72	ng	0.00
23) Nitrobenzene-d5	8.47	82	897424	101.44	ng	-0.02
41) 2,4,6-Tribromophenol	13.71	330	354784	168.93	ng	-0.01
44) 2-Fluorobiphenyl	11.37	172	1574353	101.56	ng	-0.01
78) Terphenyl-d14	17.17	244	1721548	94.32	ng	-0.01

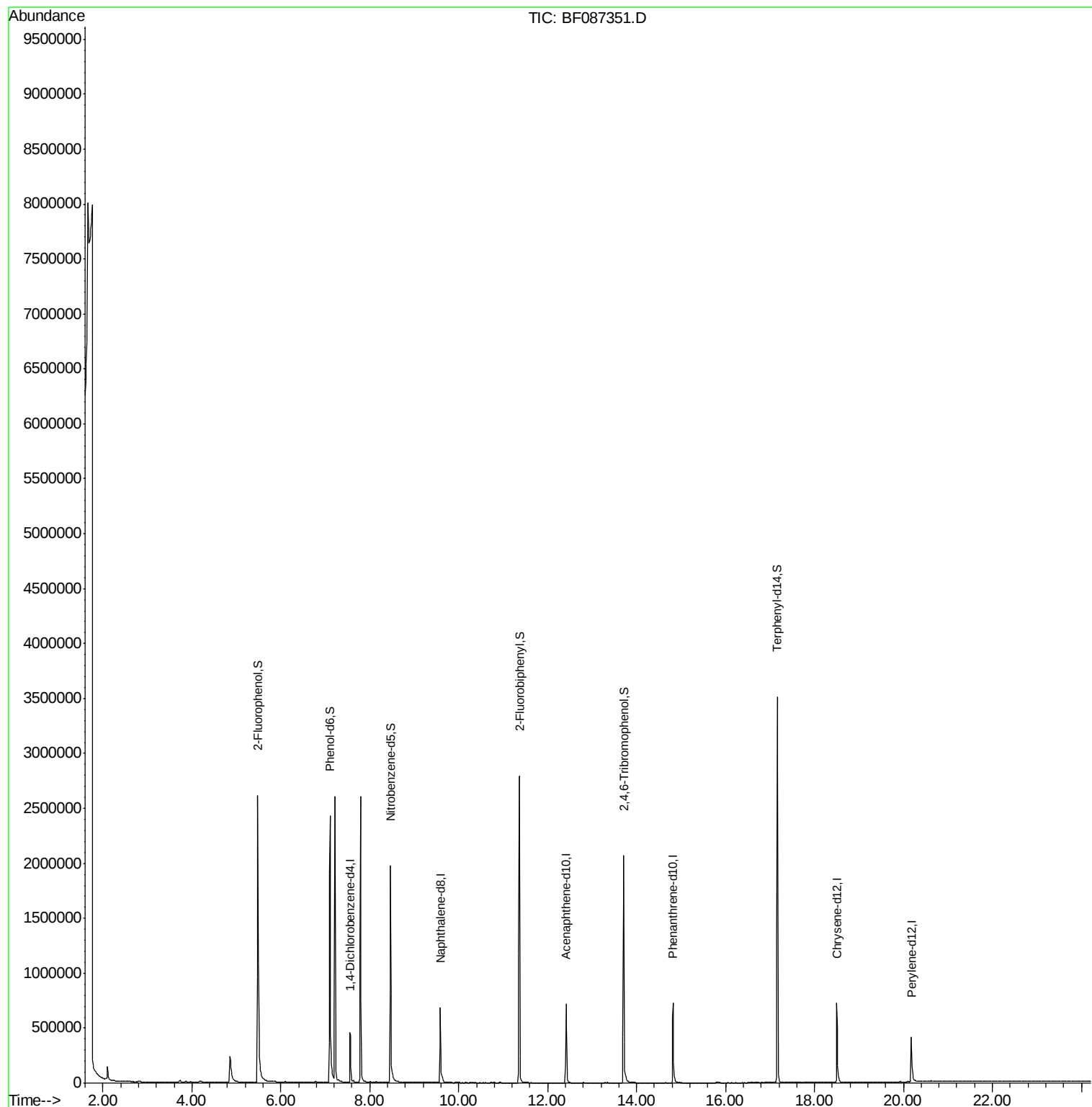
Target Compounds	Qvalue
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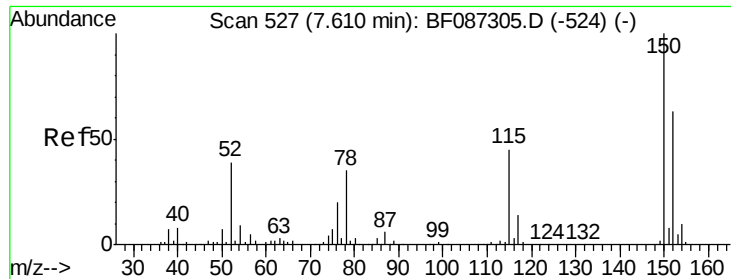
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed May 25 00:58:25 2016
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.56 min Scan# 523

Delta R.T. -0.00 min

Lab File: BF087351.D

Acq: 24 May 2016 22:35

Instrument :

BNA_F

ClientSampled :

MIDRIVER-SUMP-SOUTH-TUBE

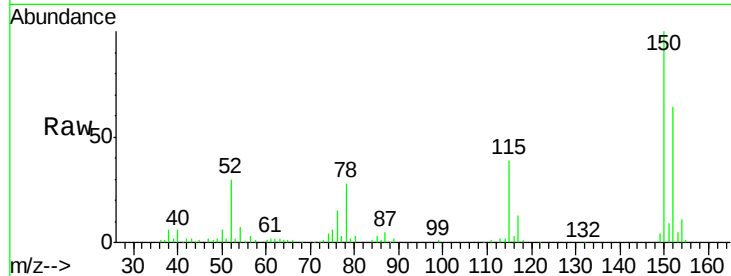
Tot Ion:152 Resp: 110447

Ion Ratio Lower Upper

152 100

150 156.2 125.8 188.6

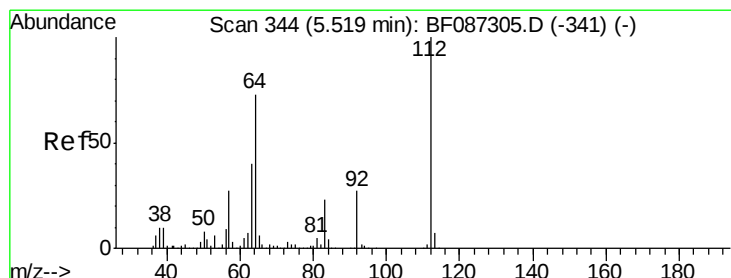
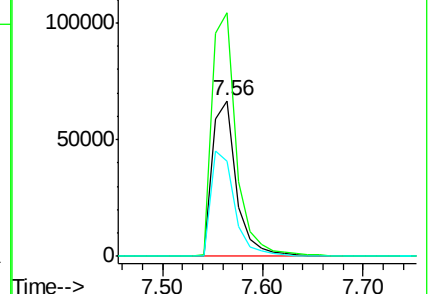
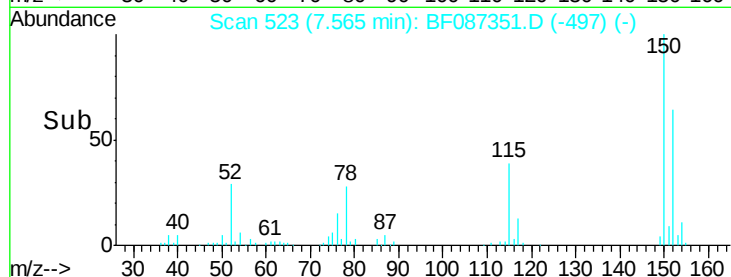
115 61.0 51.5 77.3



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: 154.44 ng

RT: 5.48 min Scan# 341

Delta R.T. 0.02 min

Lab File: BF087351.D

Acq: 24 May 2016 22:35

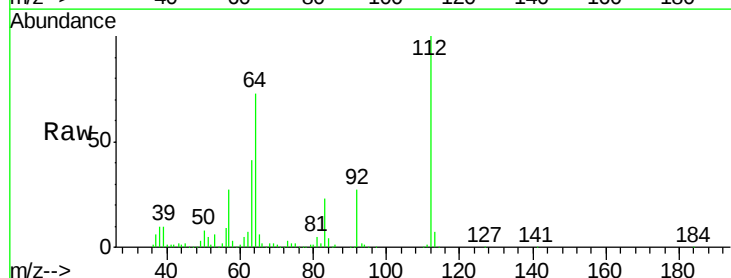
Tgt Ion:112 Resp: 970742

Ion Ratio Lower Upper

112 100

64 72.8 52.1 78.1

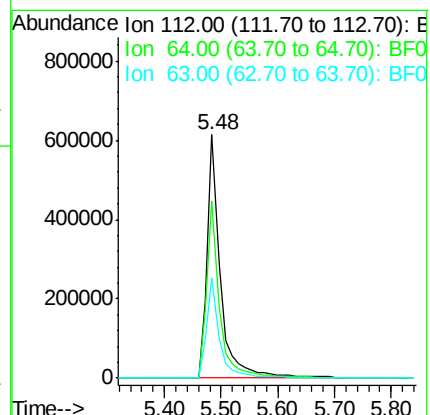
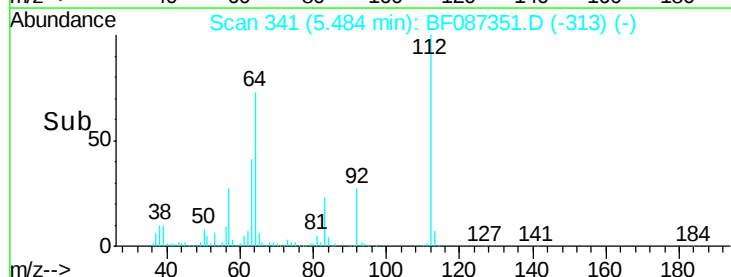
63 40.9 25.7 38.5#

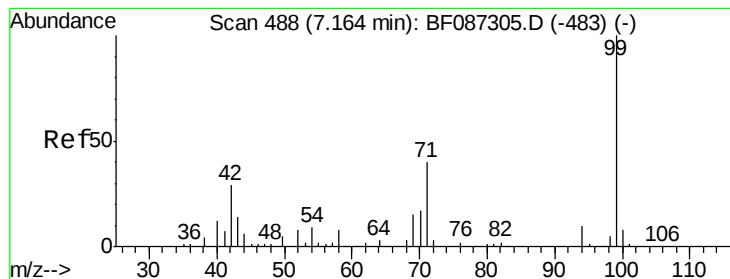


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 145.72 ng

RT: 7.11 min Scan# 483

Delta R.T. -0.00 min

Lab File: BF087351.D

Acq: 24 May 2016 22:35

Instrument :

BNA_F

ClientSampleId :

MIDRIVER-SUMP-SOUTH-TUBE

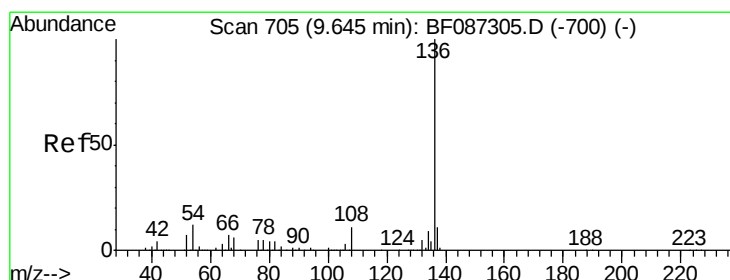
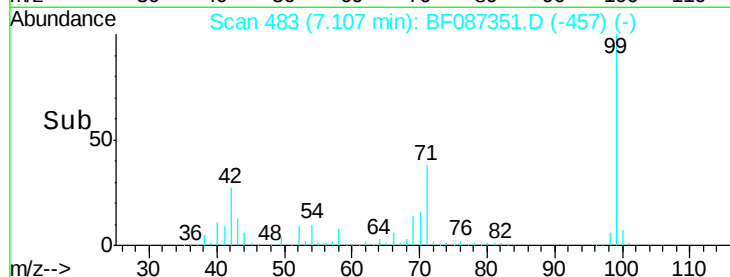
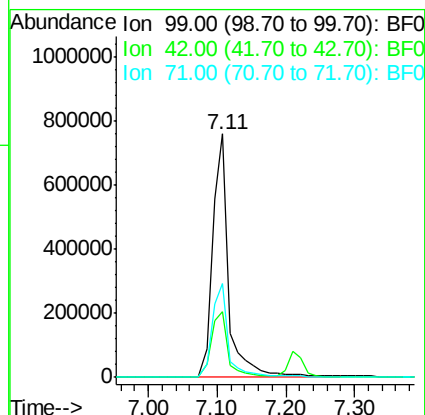
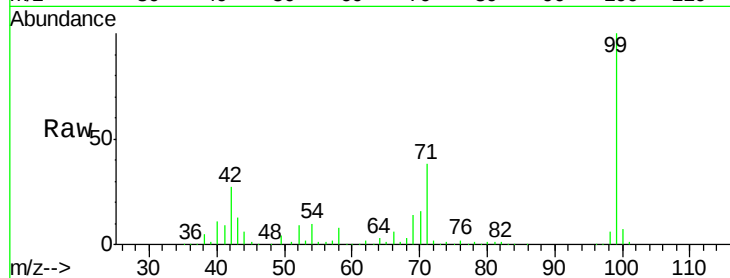
Tot Ion: 99 Resp: 1237615

Ion Ratio Lower Upper

99 100

42 26.8 13.6 20.4#

71 38.4 24.6 36.8#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.59 min Scan# 700

Delta R.T. -0.01 min

Lab File: BF087351.D

Acq: 24 May 2016 22:35

Tgt Ion: 136 Resp: 445889

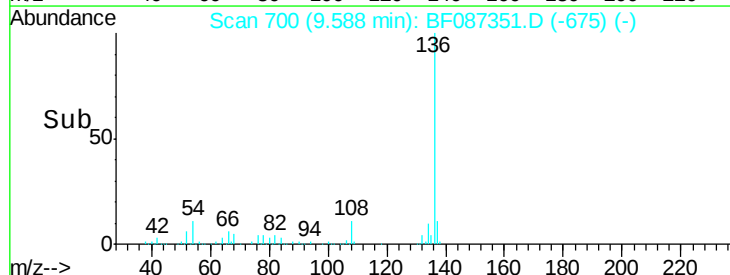
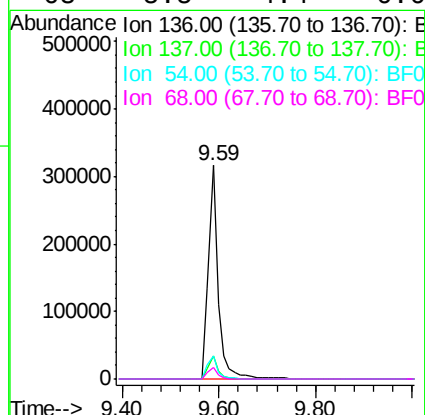
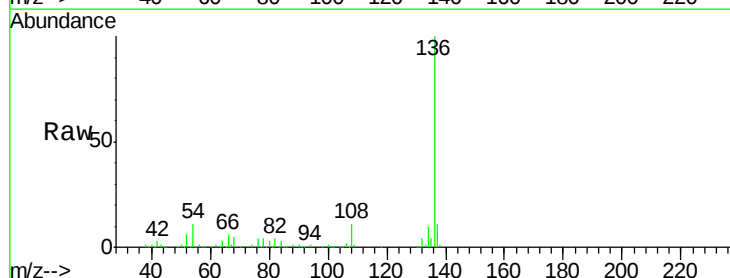
Ion Ratio Lower Upper

136 100

137 10.7 8.8 13.2

54 10.7 5.0 7.4#

68 5.5 4.4 6.6

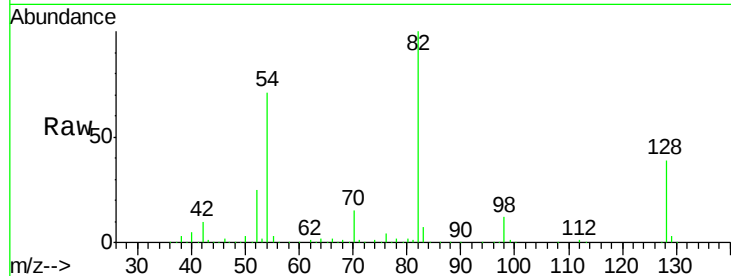




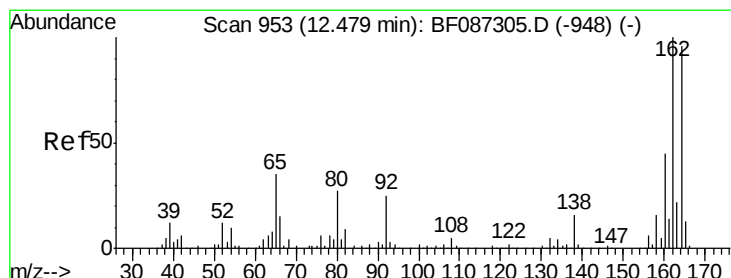
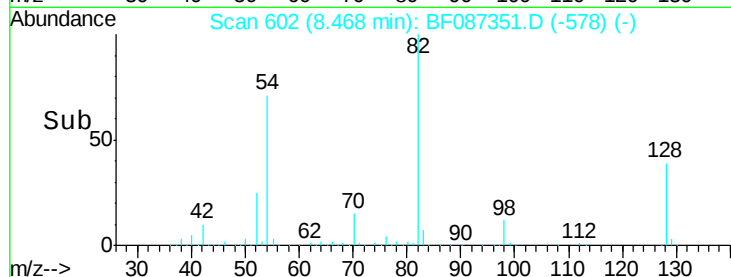
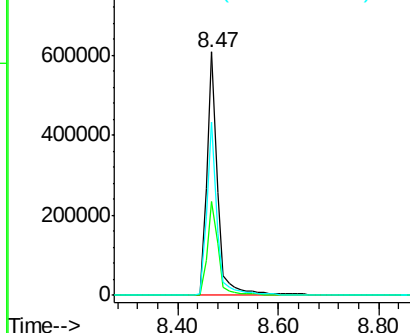
#23
 Nitrobenzene-d5
 Concen: 101.44 ng
 RT: 8.47 min Scan# 602
 Delta R.T. -0.02 min
 Lab File: BF087351.D
 Acq: 24 May 2016 22:35

Instrument :
 BNA_F
 ClientSampleId :
 MIDRIVER-SUMP-SOUTH-TUBE

Tot Ion: 82 Resp: 897424
 Ion Ratio Lower Upper
 82 100
 128 38.6 40.6 61.0#
 54 71.1 38.1 57.1#

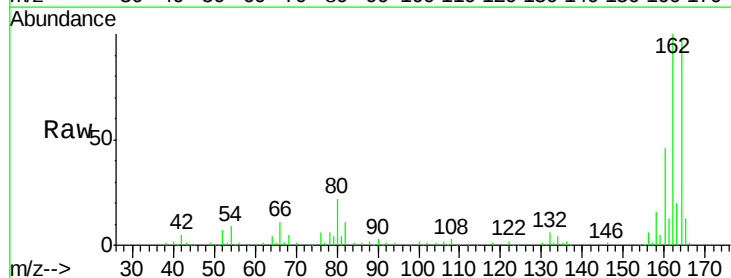


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

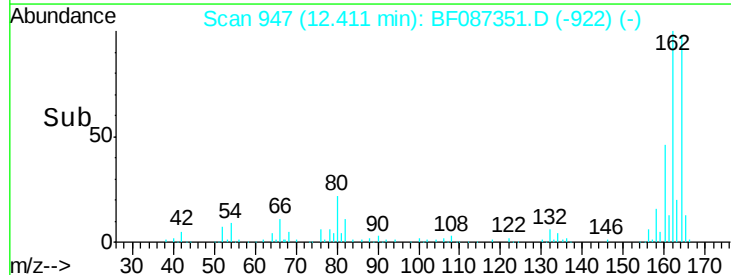
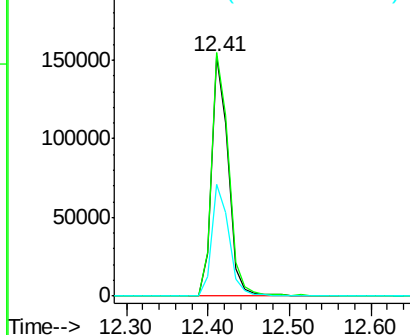


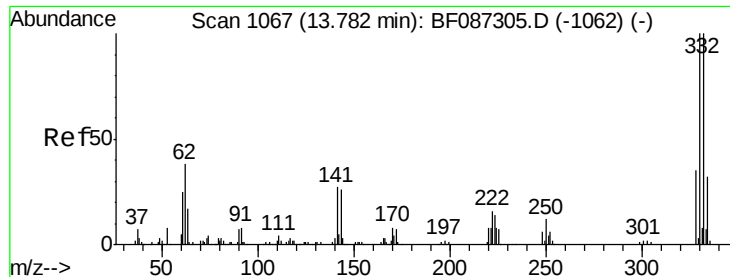
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.41 min Scan# 947
 Delta R.T. -0.01 min
 Lab File: BF087351.D
 Acq: 24 May 2016 22:35

Tgt Ion: 164 Resp: 218544
 Ion Ratio Lower Upper
 164 100
 162 101.6 82.8 124.2
 160 46.5 36.9 55.3



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

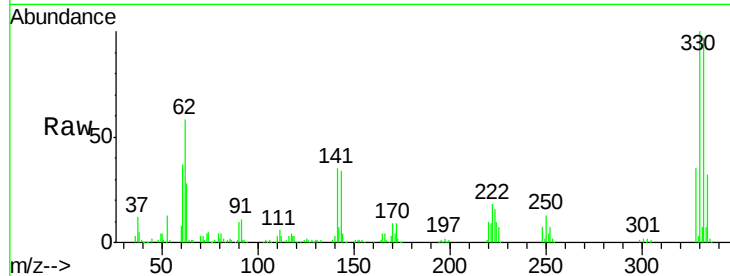




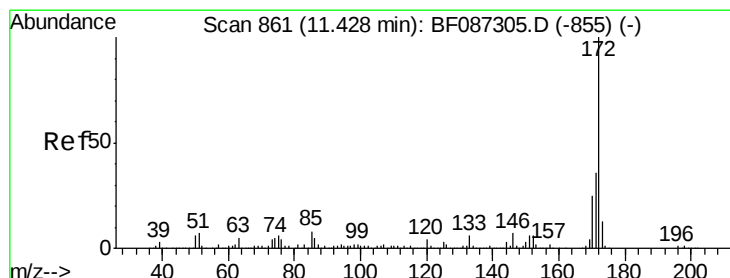
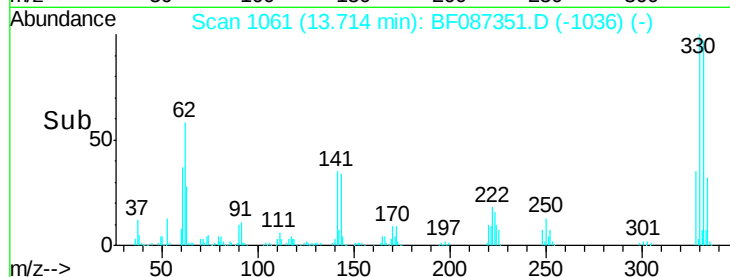
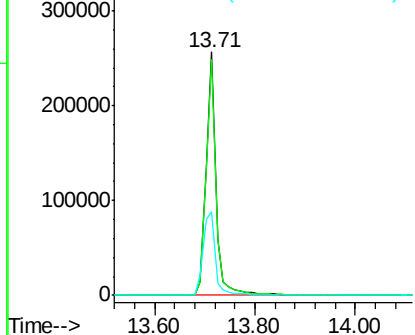
#41
 2,4,6-Tribromophenol
 Concen: 168.93 ng
 RT: 13.71 min Scan# 1061
 Delta R.T. -0.01 min
 Lab File: BF087351.D
 Acq: 24 May 2016 22:35

Instrument :
 BNA_F
 ClientSampleId :
 MIDRIVER-SUMP-SOUTH-TUBE

Tot Ion:330 Resp: 354784
 Ion Ratio Lower Upper
 330 100
 332 97.6 79.0 118.4
 141 42.9 31.2 46.8

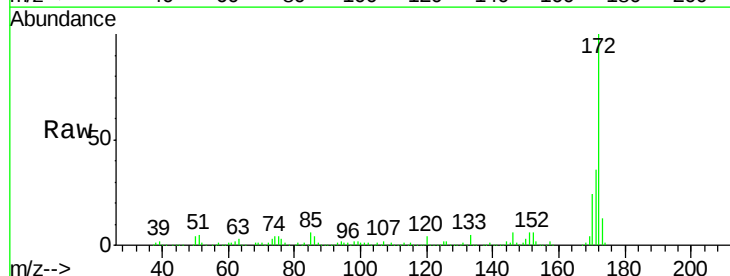


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

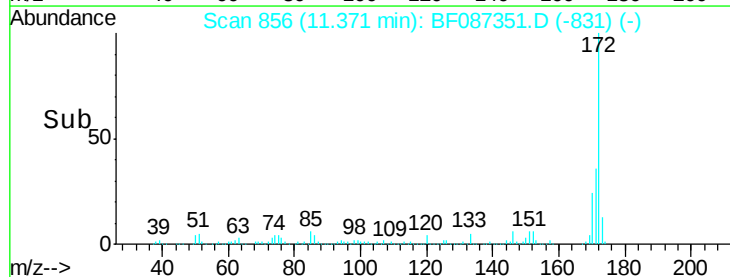
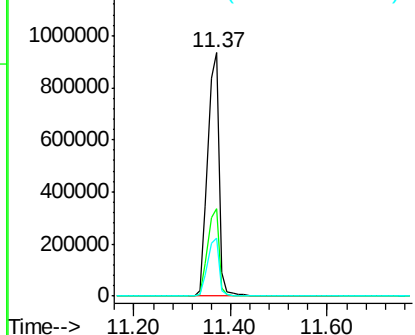


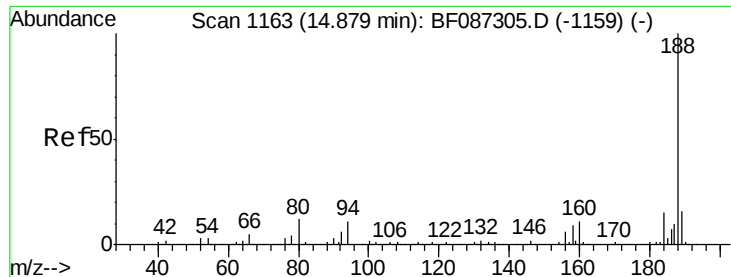
#44
 2-Fluorobiphenyl
 Concen: 101.56 ng
 RT: 11.37 min Scan# 856
 Delta R.T. -0.01 min
 Lab File: BF087351.D
 Acq: 24 May 2016 22:35

Tgt Ion:172 Resp: 1574353
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.0 43.6
 170 23.8 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

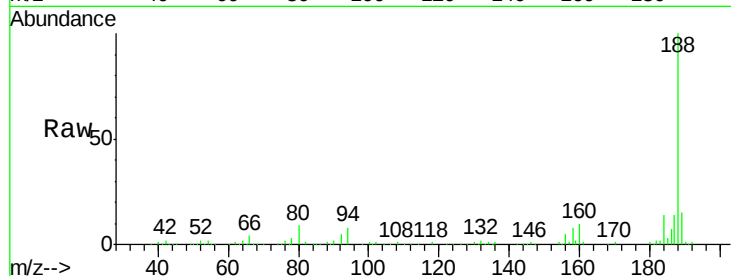




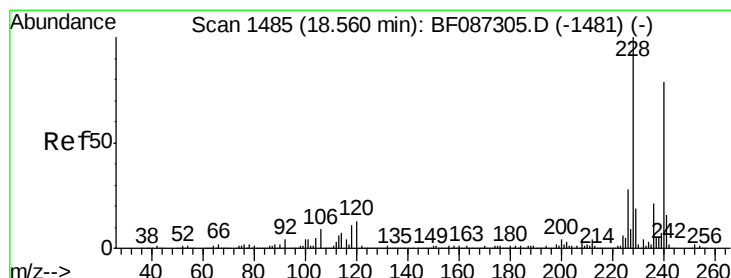
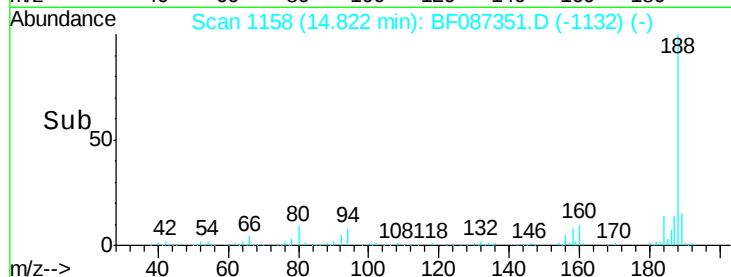
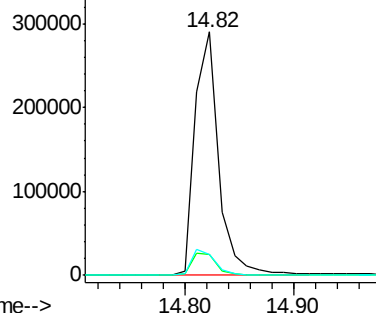
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.82 min Scan# 1158
Delta R.T. -0.00 min
Lab File: BF087351.D
Acq: 24 May 2016 22:35

Instrument :
BNA_F
ClientSampleId :
MIDRIVER-SUMP-SOUTH-TUBE

Tot Ion	Ratio	Lower	Upper
188	100		
94	8.4	6.8	10.2
80	8.8	7.1	10.7

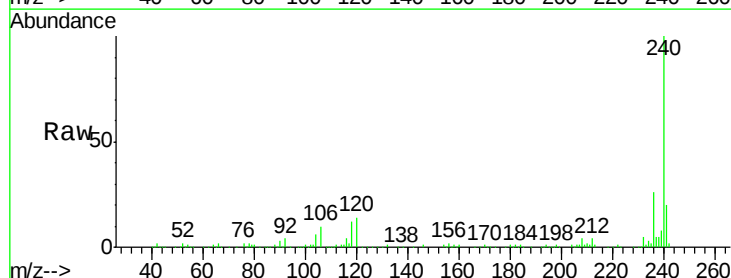


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

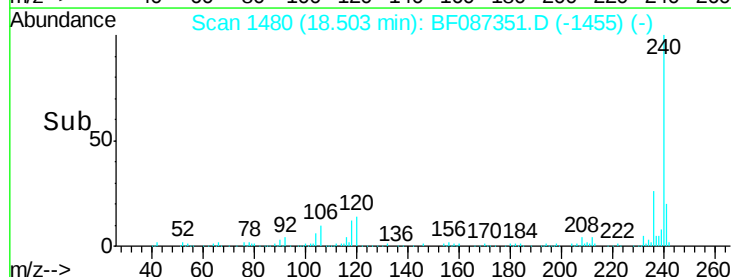
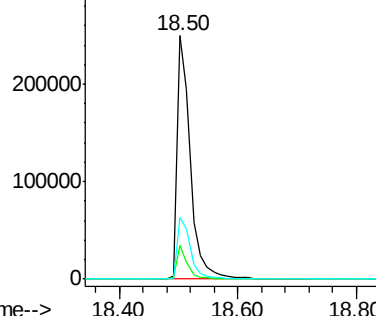


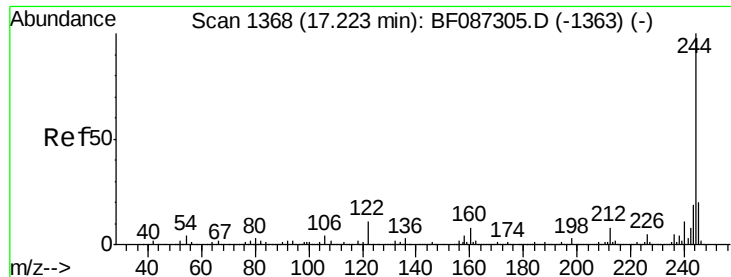
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.50 min Scan# 1480
Delta R.T. -0.01 min
Lab File: BF087351.D
Acq: 24 May 2016 22:35

Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.6	11.2	16.8
236	25.6	21.2	31.8



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: 94.32 ng

RT: 17.17 min Scan# 1363

Delta R.T. -0.01 min

Lab File: BF087351.D

Acq: 24 May 2016 22:35

Instrument :

BNA_F

ClientSampleId :

MIDRIVER-SUMP-SOUTH-TUBE

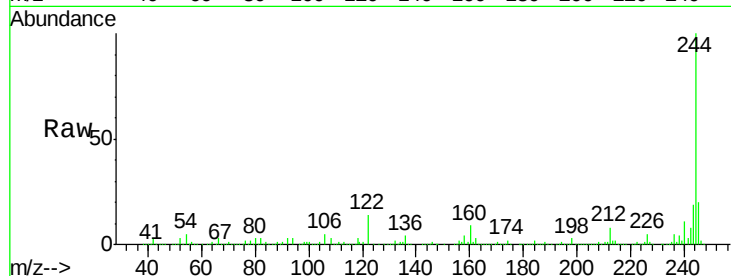
Tot Ion:244 Resp: 1721548

Ion Ratio Lower Upper

244 100

212 8.0 6.2 9.2

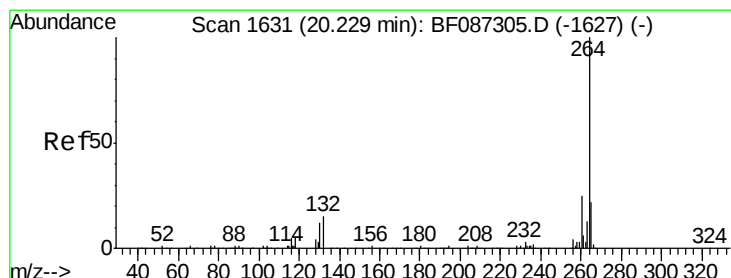
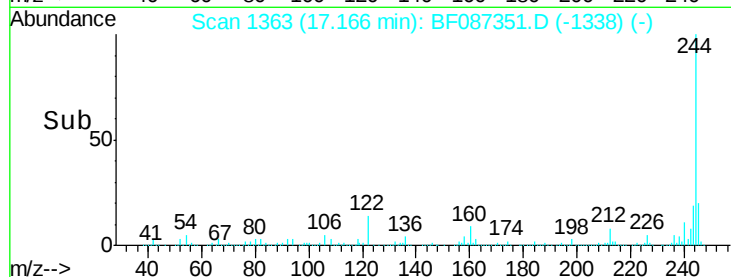
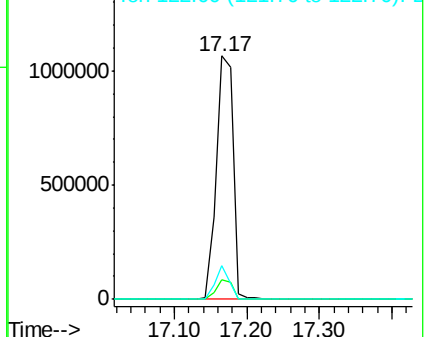
122 14.1 12.0 18.0



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 20.18 min Scan# 1627

Delta R.T. -0.00 min

Lab File: BF087351.D

Acq: 24 May 2016 22:35

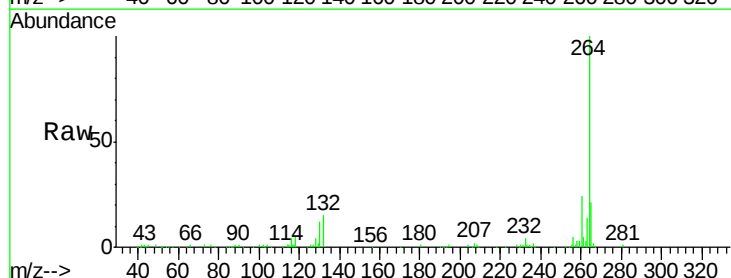
Tgt Ion:264 Resp: 268729

Ion Ratio Lower Upper

264 100

260 23.8 19.5 29.3

265 20.5 17.3 25.9



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

