

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052816\
 Data File : BF087497.D
 Acq On : 29 May 2016 1:12
 Operator : UM/SJ
 Sample : H3290-04
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GM-SP-(0-4)

Quant Time: May 30 04:08:52 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 16:26:52 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	113696	20.00	ng	-0.05
21) Naphthalene-d8	9.50	136	468159	20.00	ng	-0.06
38) Acenaphthene-d10	12.32	164	215658	20.00	ng	-0.07
63) Phenanthrene-d10	14.72	188	418996	20.00	ng	-0.06
75) Chrysene-d12	18.43	240	300222	20.00	ng	-0.05
86) Perylene-d12	20.10	264	230247	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	864208	133.56	ng	-0.02
7) Phenol-d6	7.03	99	1056558	120.85	ng	-0.05
23) Nitrobenzene-d5	8.39	82	828524	89.19	ng	-0.06
41) 2,4,6-Tribromophenol	13.62	330	287669	138.81	ng	-0.06
44) 2-Fluorobiphenyl	11.28	172	1389661	90.84	ng	-0.06
78) Terphenyl-d14	17.09	244	1250855	88.58	ng	-0.05

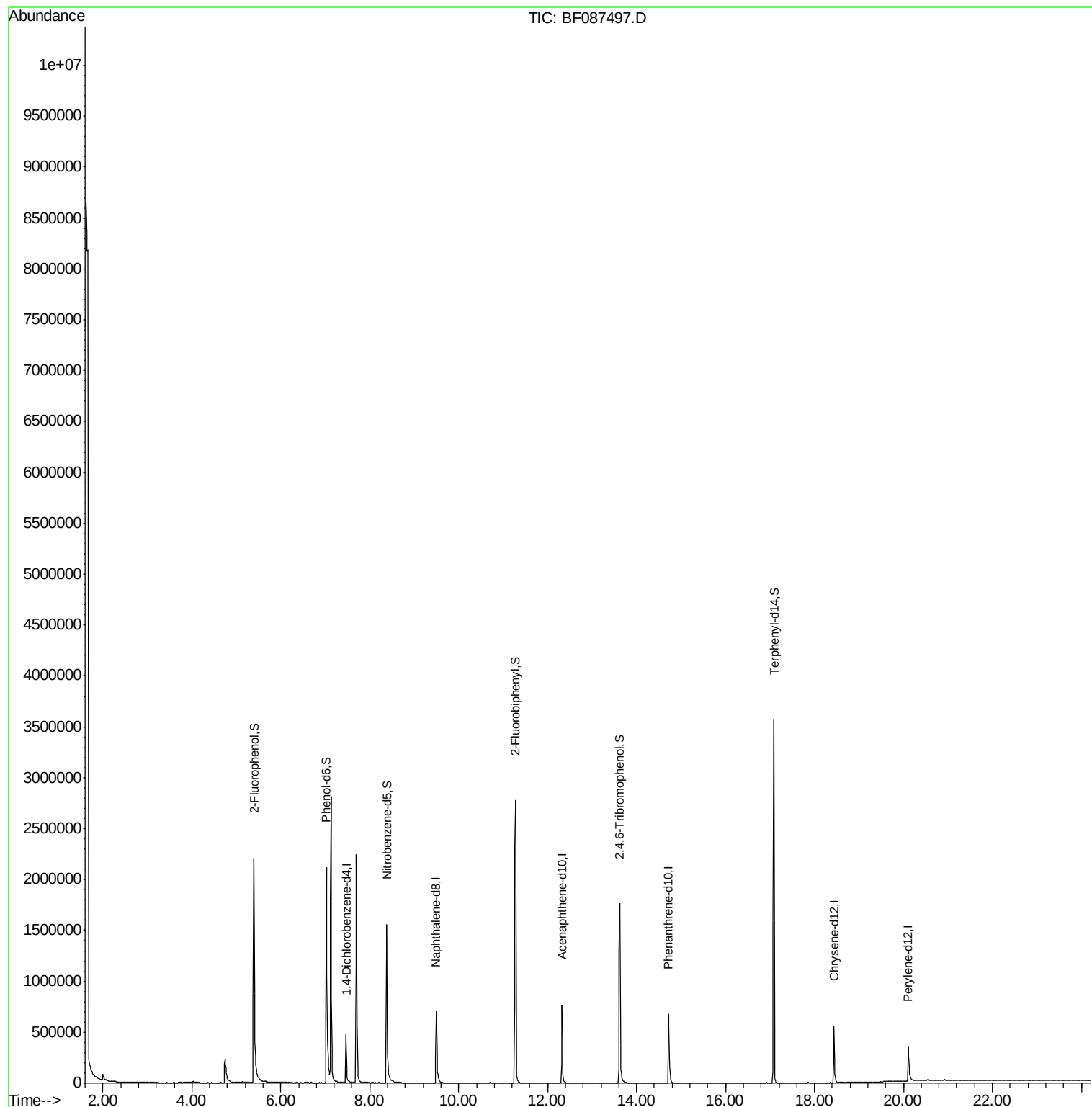
Target Compounds	Qvalue
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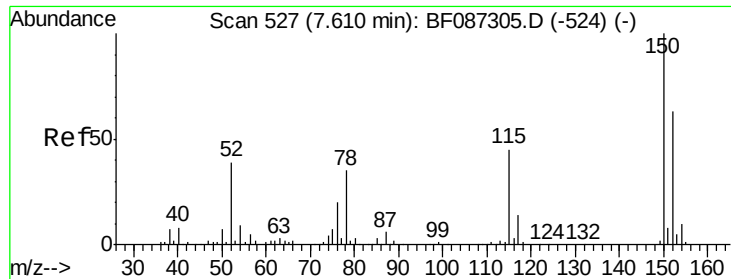
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.47 min Scan# 515

Delta R.T. -0.05 min

Lab File: BF087497.D

Acq: 29 May 2016 1:12

Instrument :

BNA_F

ClientSampleId :

GM-SP-(0-4)

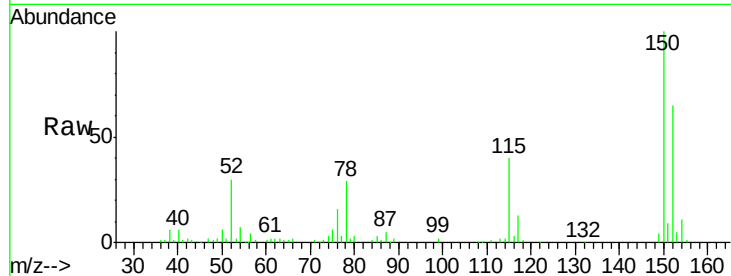
Tgt Ion:152 Resp: 113696

Ion Ratio Lower Upper

152 100

150 154.3 125.8 188.6

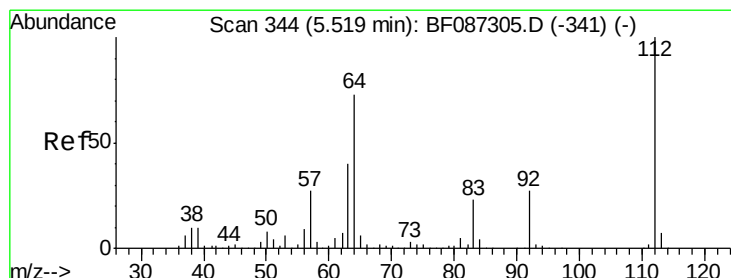
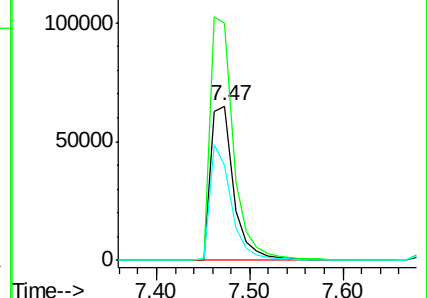
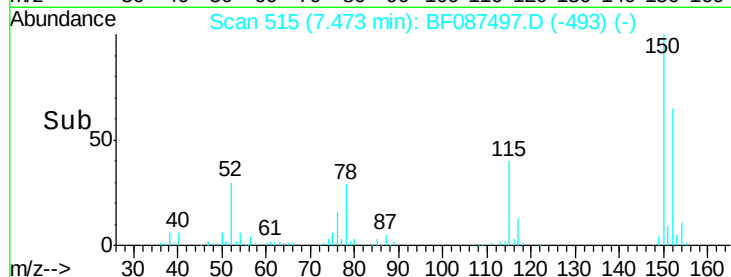
115 61.6 51.5 77.3



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: 133.56 ng

RT: 5.39 min Scan# 333

Delta R.T. -0.02 min

Lab File: BF087497.D

Acq: 29 May 2016 1:12

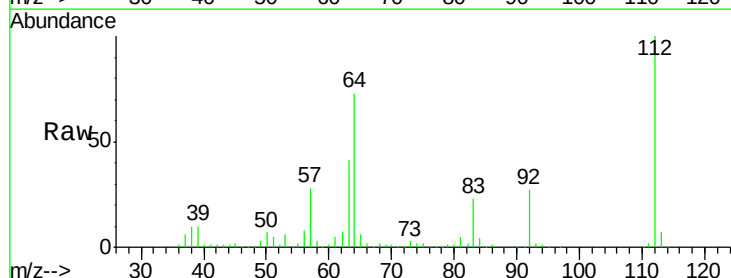
Tgt Ion:112 Resp: 864208

Ion Ratio Lower Upper

112 100

64 73.0 52.1 78.1

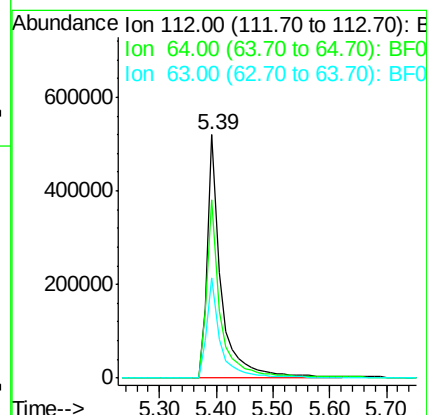
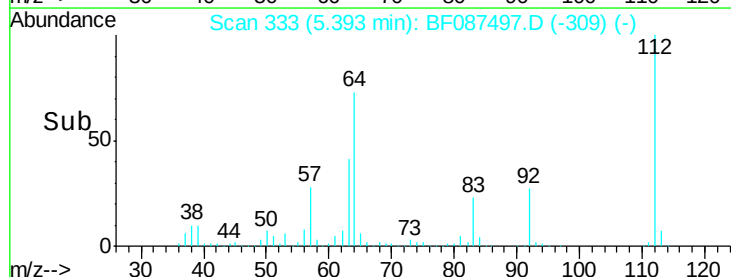
63 41.1 25.7 38.5

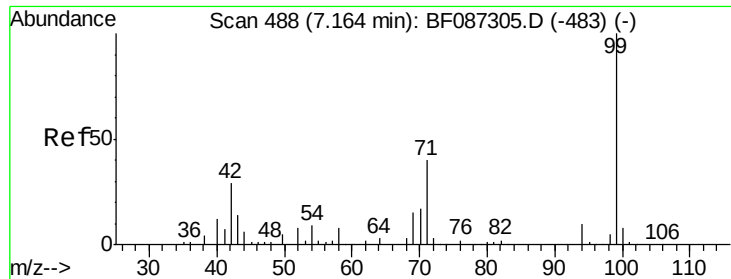


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 120.85 ng

RT: 7.03 min Scan# 476

Delta R.T. -0.05 min

Lab File: BF087497.D

Acq: 29 May 2016 1:12

Instrument :

BNA_F

ClientSampleId :

GM-SP-(0-4)

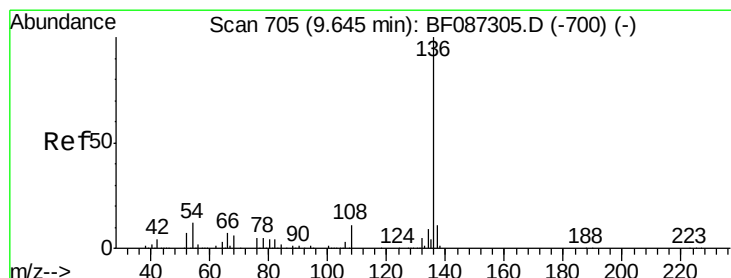
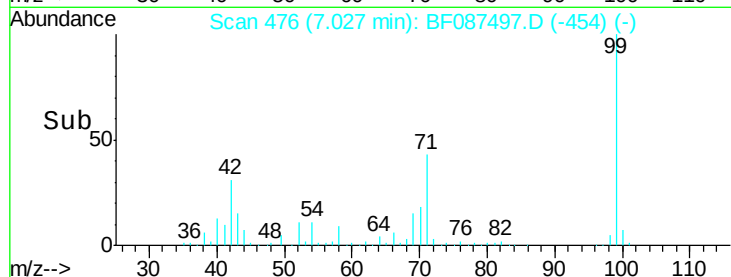
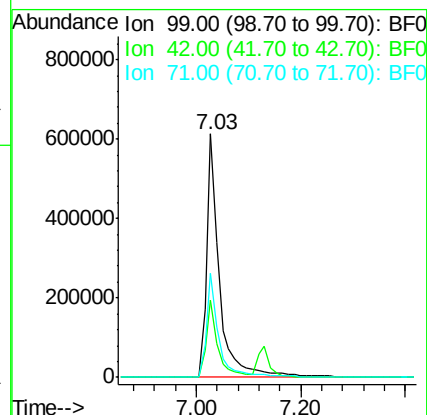
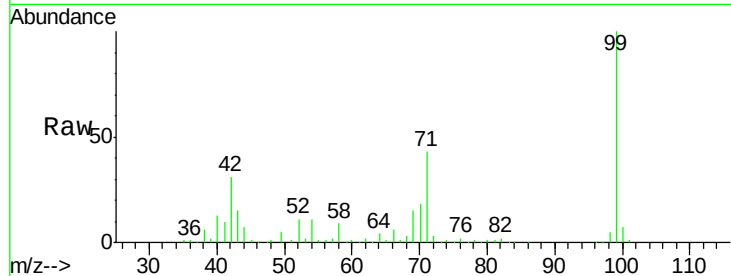
Tgt Ion: 99 Resp: 1056558

Ion Ratio Lower Upper

99 100

42 31.5 13.6 20.4#

71 43.0 24.6 36.8#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.50 min Scan# 692

Delta R.T. -0.06 min

Lab File: BF087497.D

Acq: 29 May 2016 1:12

Tgt Ion: 136 Resp: 468159

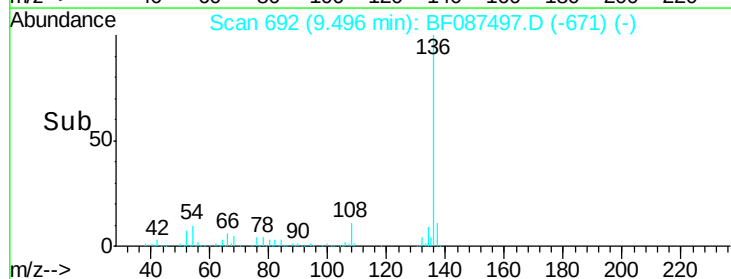
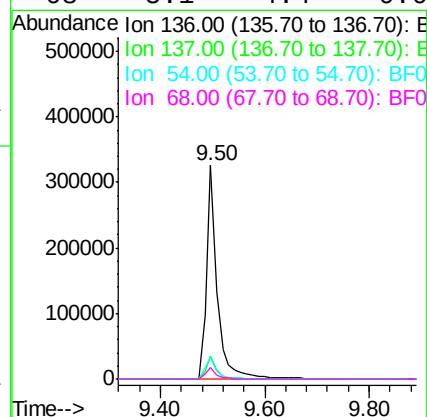
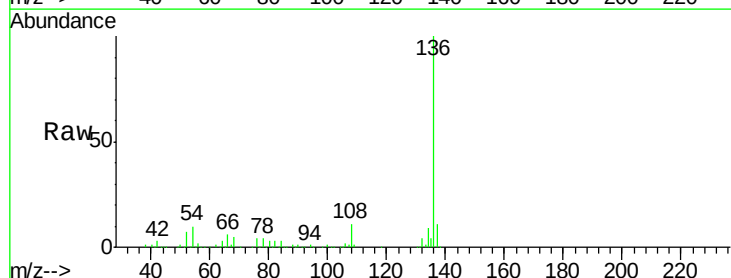
Ion Ratio Lower Upper

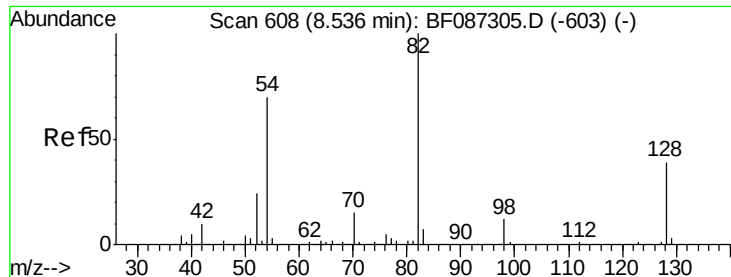
136 100

137 10.8 8.8 13.2

54 10.5 5.0 7.4#

68 5.1 4.4 6.6

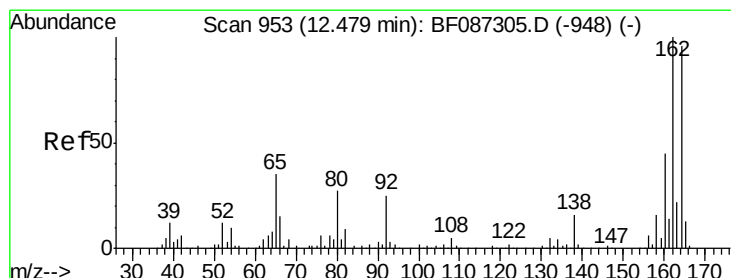
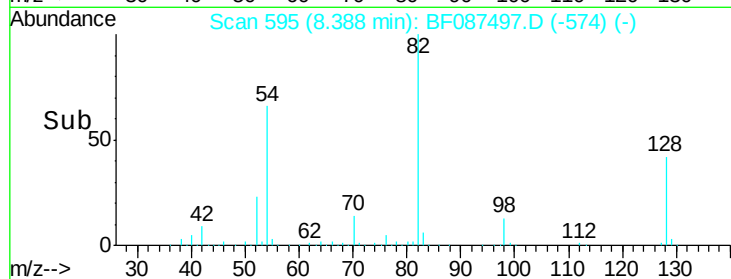
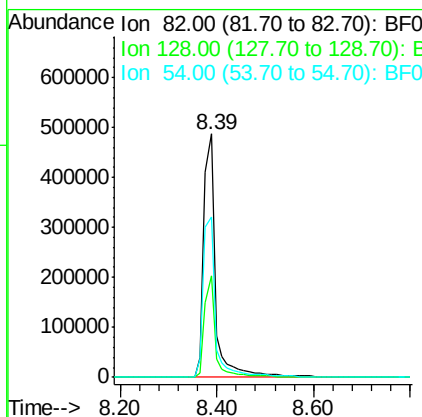
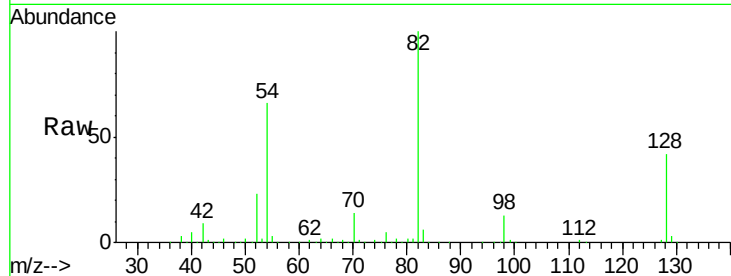




#23
 Nitrobenzene-d5
 Concen: 89.19 ng
 RT: 8.39 min Scan# 595
 Delta R.T. -0.06 min
 Lab File: BF087497.D
 Acq: 29 May 2016 1:12

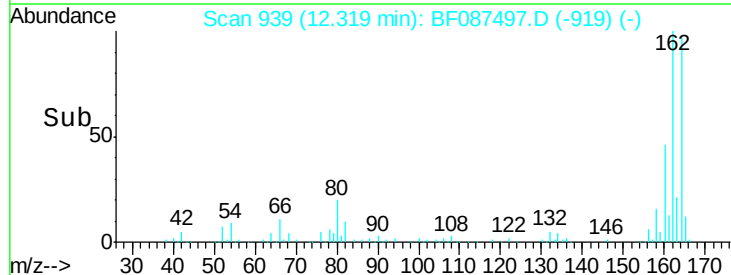
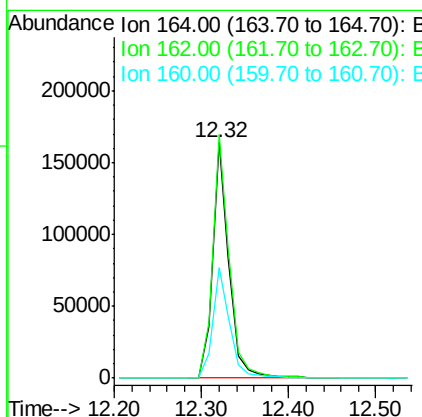
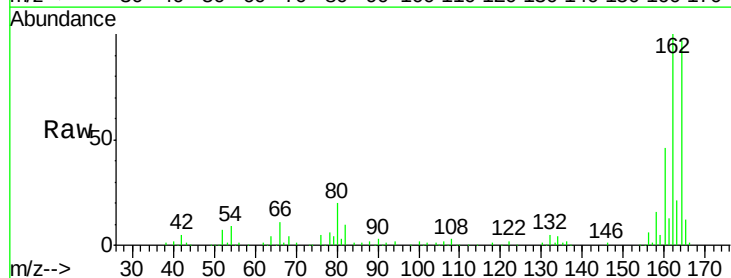
Instrument :
 BNA_F
 ClientSampleId :
 GM-SP-(0-4)

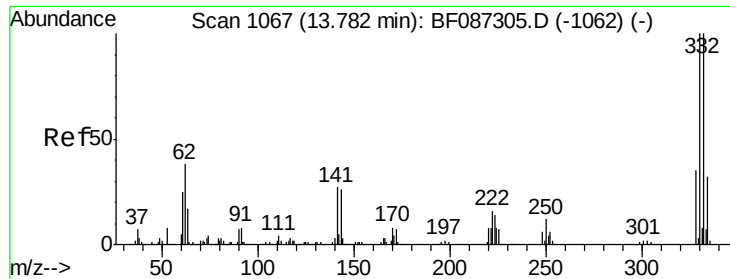
Tgt Ion: 82 Resp: 828524
 Ion Ratio Lower Upper
 82 100
 128 41.8 40.6 61.0
 54 65.7 38.1 57.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.32 min Scan# 939
 Delta R.T. -0.07 min
 Lab File: BF087497.D
 Acq: 29 May 2016 1:12

Tgt Ion: 164 Resp: 215658
 Ion Ratio Lower Upper
 164 100
 162 103.4 82.8 124.2
 160 47.2 36.9 55.3

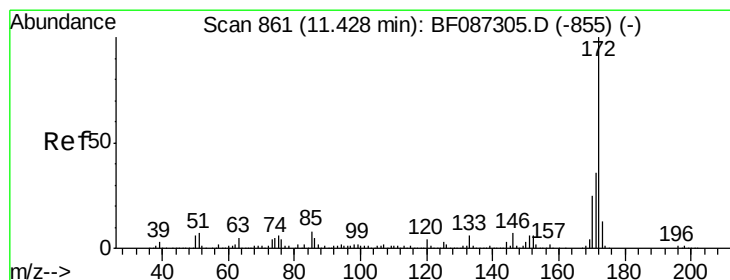
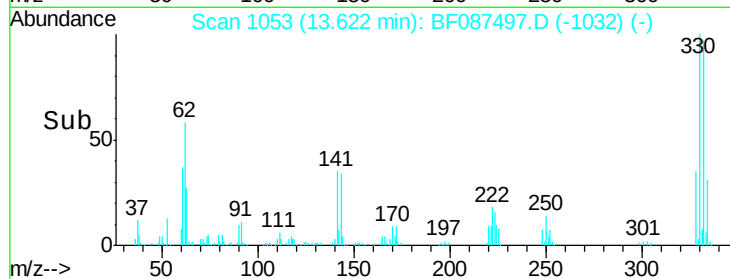
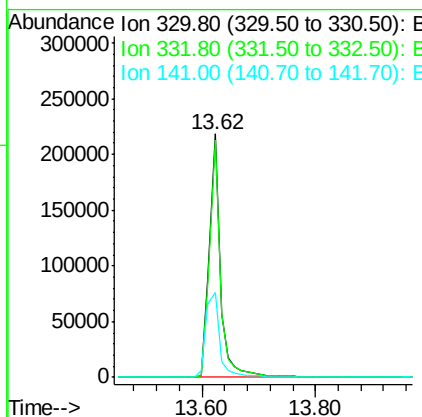
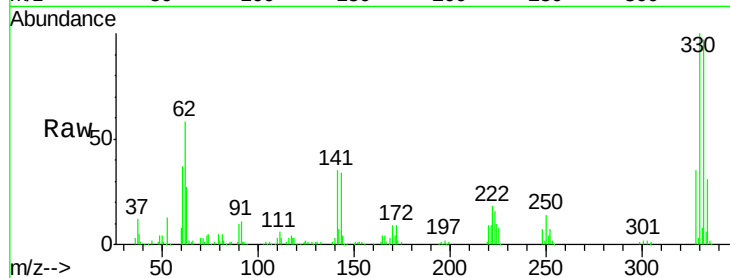




#41
 2,4,6-Tribromophenol
 Concen: 138.81 ng
 RT: 13.62 min Scan# 1053
 Delta R.T. -0.06 min
 Lab File: BF087497.D
 Acq: 29 May 2016 1:12

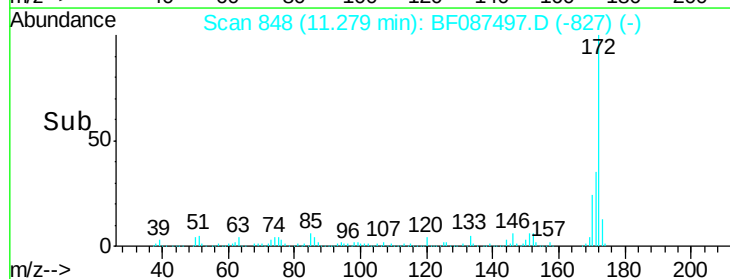
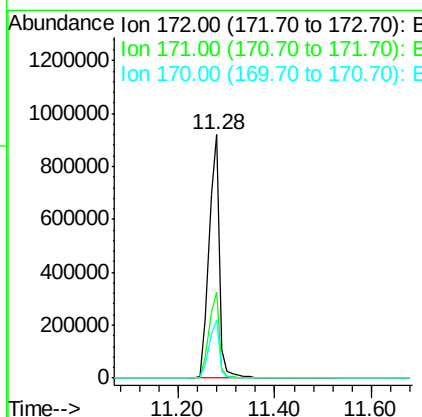
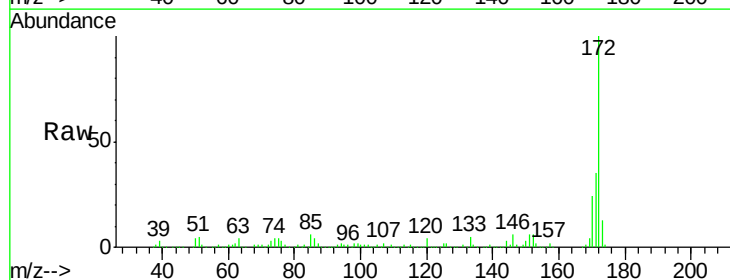
Instrument :
 BNA_F
 ClientSampleId :
 GM-SP-(0-4)

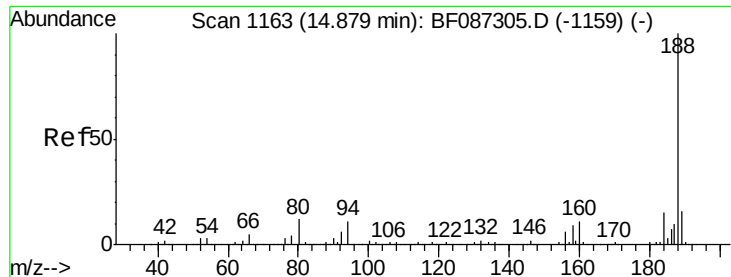
Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.1	79.0	118.4
141	43.9	31.2	46.8



#44
 2-Fluorobiphenyl
 Concen: 90.84 ng
 RT: 11.28 min Scan# 848
 Delta R.T. -0.06 min
 Lab File: BF087497.D
 Acq: 29 May 2016 1:12

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.0	43.6
170	23.8	19.8	29.8

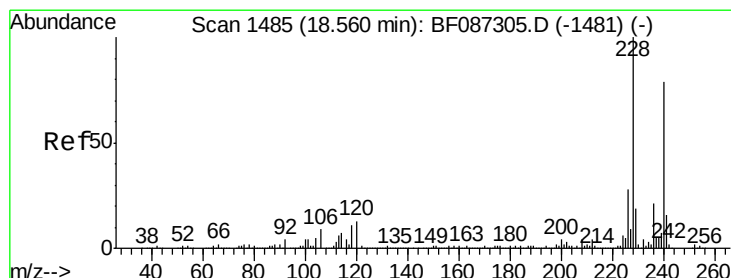
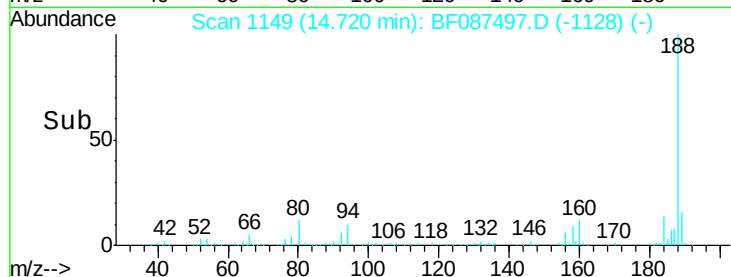
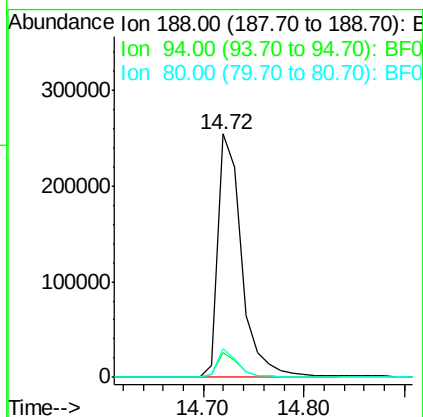
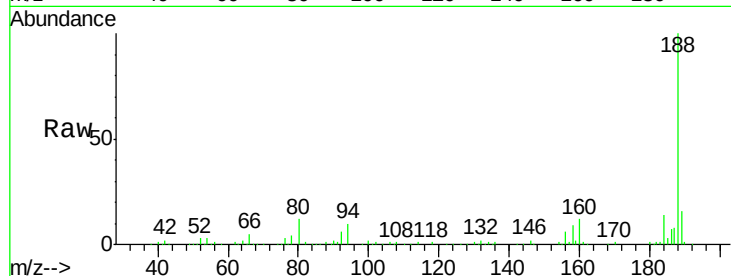




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 14.72 min Scan# 1149
 Delta R.T. -0.06 min
 Lab File: BF087497.D
 Acq: 29 May 2016 1:12

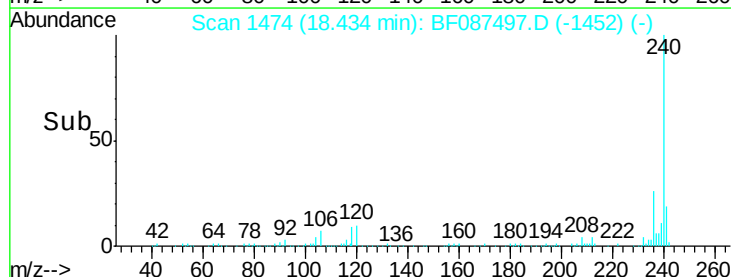
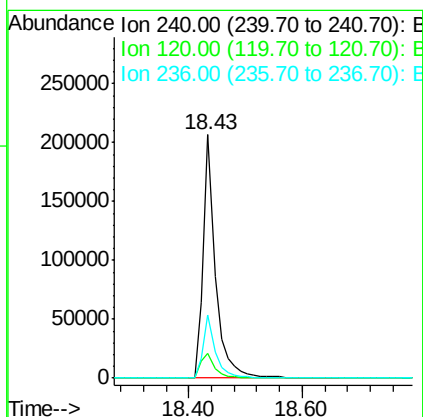
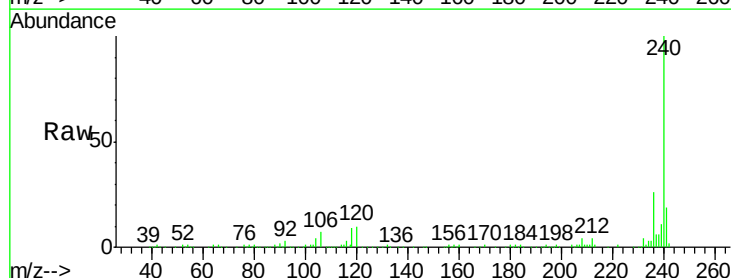
Instrument :
 BNA_F
 ClientSampleId :
 GM-SP-(0-4)

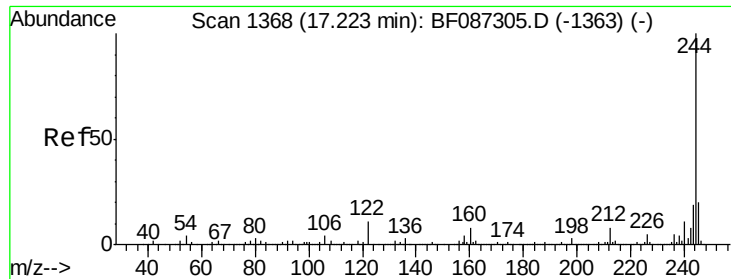
Tgt Ion:188 Resp: 418996
 Ion Ratio Lower Upper
 188 100
 94 10.3 6.8 10.2#
 80 11.9 7.1 10.7#



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.43 min Scan# 1474
 Delta R.T. -0.05 min
 Lab File: BF087497.D
 Acq: 29 May 2016 1:12

Tgt Ion:240 Resp: 300222
 Ion Ratio Lower Upper
 240 100
 120 9.9 11.2 16.8#
 236 26.2 21.2 31.8





#78

Terphenyl-d14

Concen: 88.58 ng

RT: 17.09 min Scan# 1356

Delta R.T. -0.05 min

Lab File: BF087497.D

Acq: 29 May 2016 1:12

Instrument :

BNA_F

ClientSampleId :

GM-SP-(0-4)

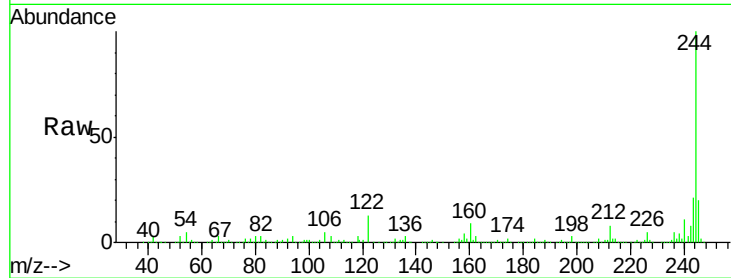
Tgt Ion:244 Resp: 1250855

Ion Ratio Lower Upper

244 100

212 8.0 6.2 9.2

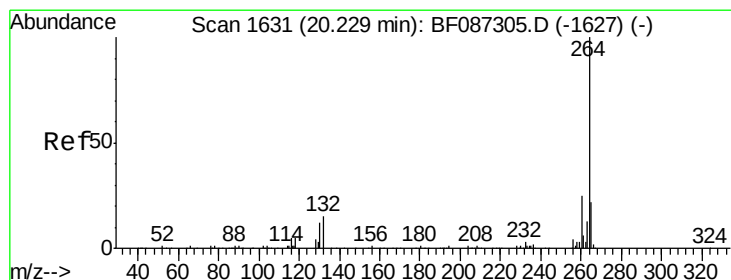
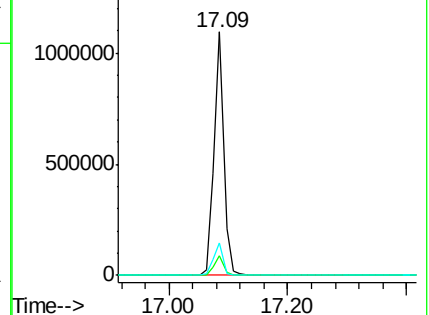
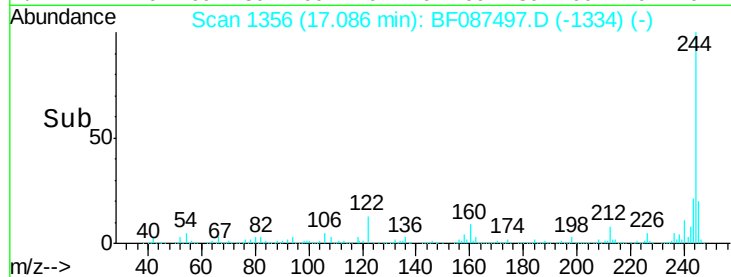
122 13.2 12.0 18.0



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: 20.10 min Scan# 1620

Delta R.T. -0.03 min

Lab File: BF087497.D

Acq: 29 May 2016 1:12

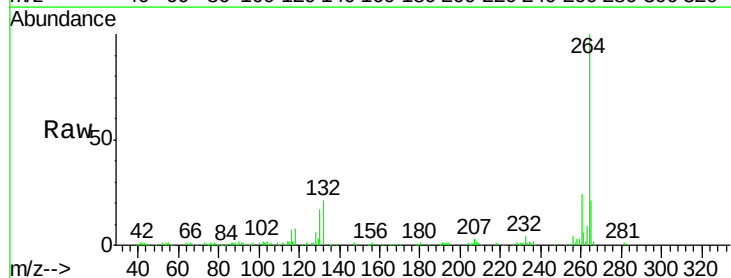
Tgt Ion:264 Resp: 230247

Ion Ratio Lower Upper

264 100

260 24.5 19.5 29.3

265 21.2 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

