

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052916\
 Data File : BF087537.D
 Acq On : 30 May 2016 5:41
 Operator : UM/SJ
 Sample : H3268-09
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 STA-TA-1261+50(0-4)

Quant Time: May 30 06:50:46 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

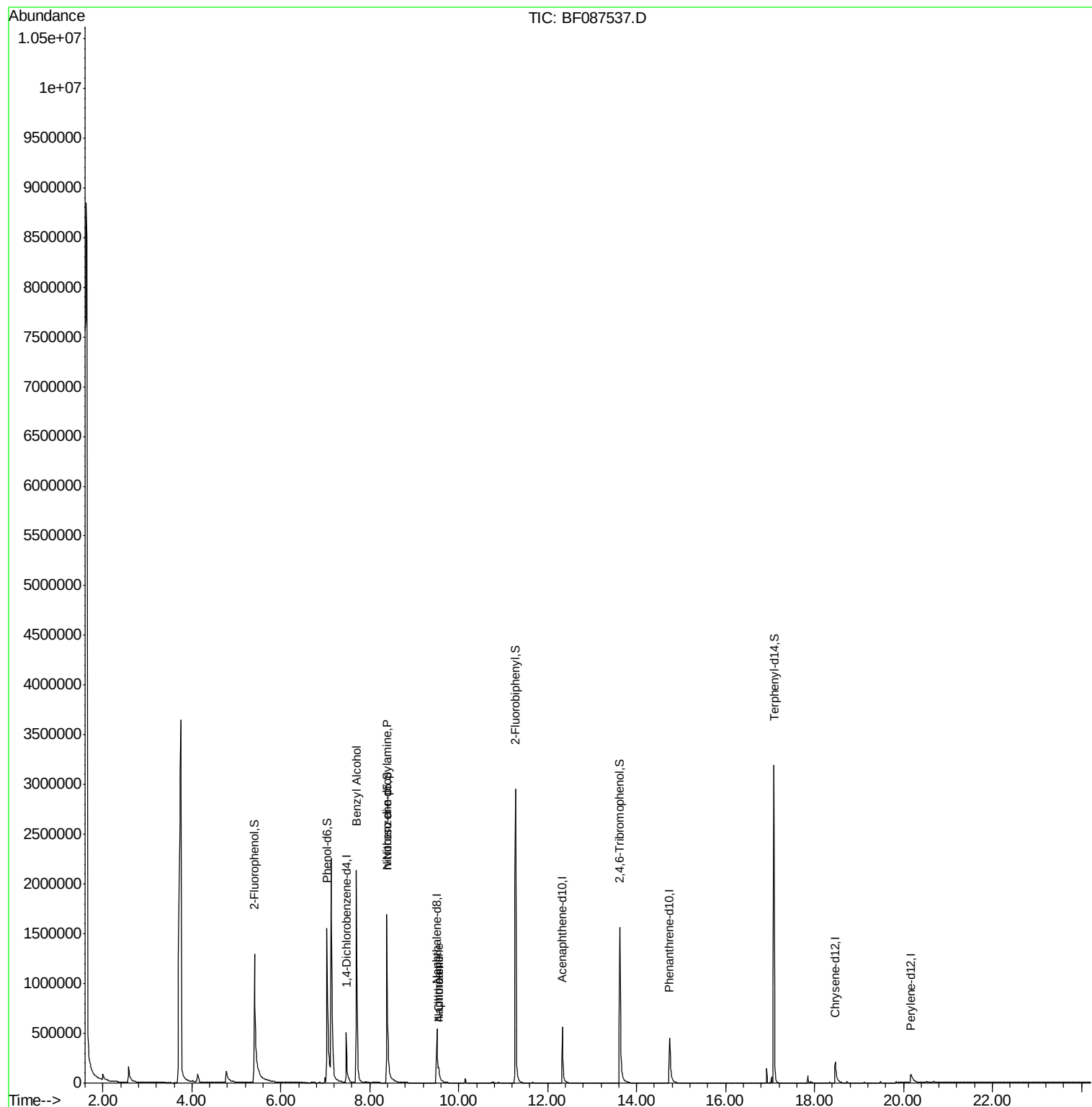
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	107386	20.00	ng	-0.05
21) Naphthalene-d8	9.51	136	437184	20.00	ng	-0.05
38) Acenaphthene-d10	12.33	164	182478	20.00	ng	-0.06
63) Phenanthrene-d10	14.74	188	361047	20.00	ng	-0.03
75) Chrysene-d12	18.47	240	218637	20.00	ng	-0.01
86) Perylene-d12	20.17	264	97151	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	778519	127.39	ng	-0.01
7) Phenol-d6	7.04	99	959053	116.14	ng	-0.03
23) Nitrobenzene-d5	8.39	82	793787	91.51	ng	-0.06
41) 2,4,6-Tribromophenol	13.62	330	260238	148.40	ng	-0.06
44) 2-Fluorobiphenyl	11.28	172	1345868	103.98	ng	-0.06
78) Terphenyl-d14	17.09	244	1138648	110.72	ng	-0.05
Target Compounds						
15) Benzyl Alcohol	7.70	79	13999	2.33	ng	# 39
19) n-Nitroso-di-n-propylamine	8.39	70	99142	16.10	ng	# 74
31) Naphthalene	9.54	128	163432	7.46	ng	98
33) 4-Chloroaniline	9.54	127	20238	2.51	ng	# 29

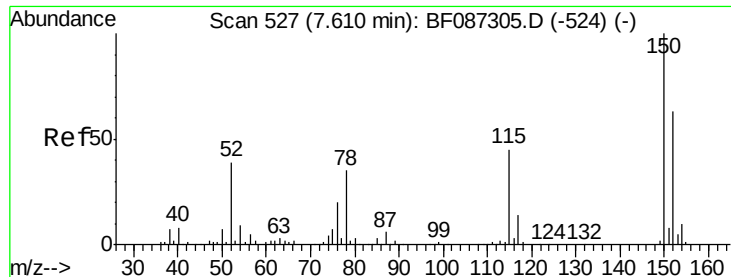
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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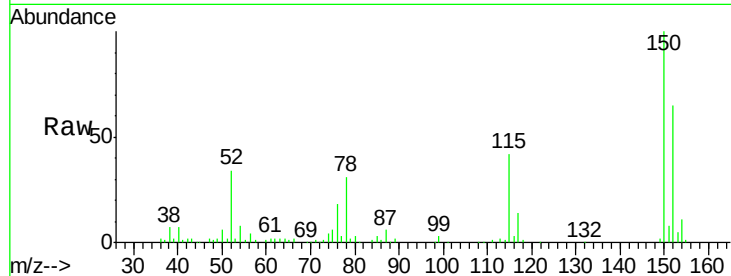


#1

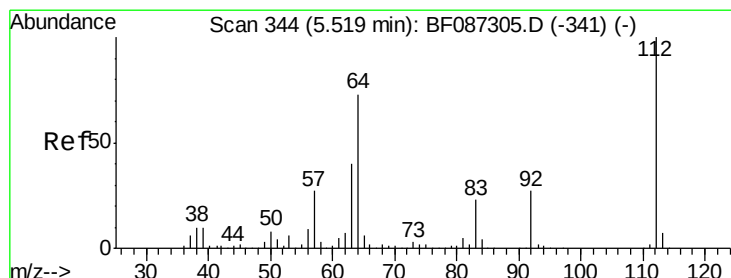
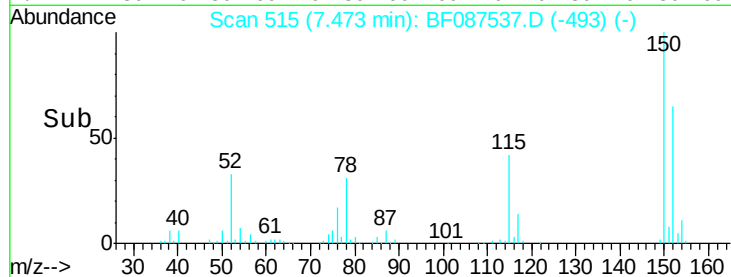
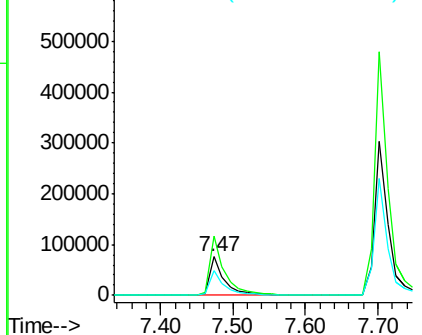
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.47 min Scan# 515
Delta R.T. -0.05 min
Lab File: BF087537.D
Acq: 30 May 2016 5:41

Instrument :
BNA_F
ClientSampleId :
STA-TA-1261+50(0-4)

Tgt Ion:152 Resp: 107386
Ion Ratio Lower Upper
152 100
150 155.0 125.8 188.6
115 64.8 51.5 77.3



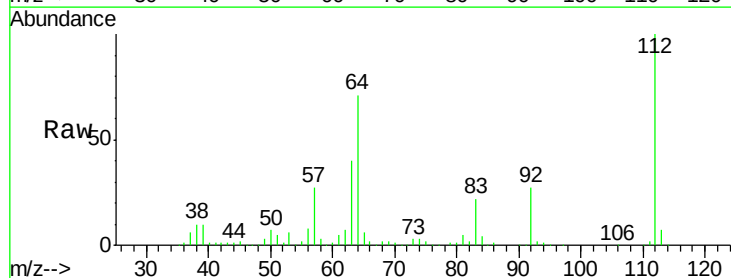
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



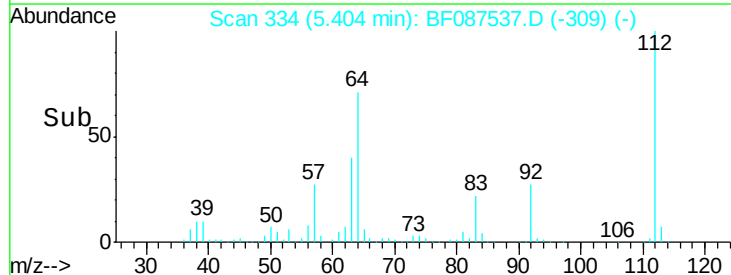
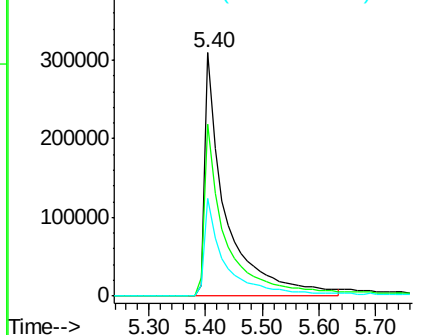
#5

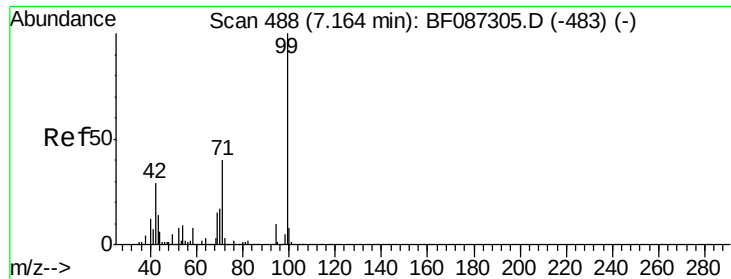
2-Fluorophenol
Concen: 127.39 ng
RT: 5.40 min Scan# 334
Delta R.T. -0.01 min
Lab File: BF087537.D
Acq: 30 May 2016 5:41

Tgt Ion:112 Resp: 778519
Ion Ratio Lower Upper
112 100
64 70.7 52.1 78.1
63 39.9 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: 116.14 ng

RT: 7.04 min Scan# 477

Delta R.T. -0.03 min

Lab File: BF087537.D

Acq: 30 May 2016 5:41

Instrument :

BNA_F

ClientSampleId :

STA-TA-1261+50(0-4)

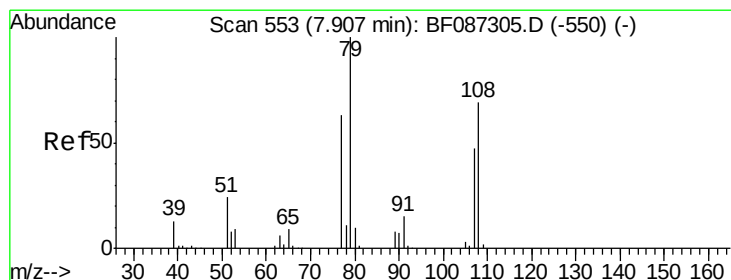
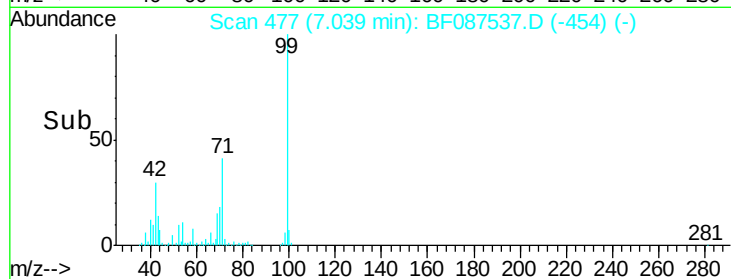
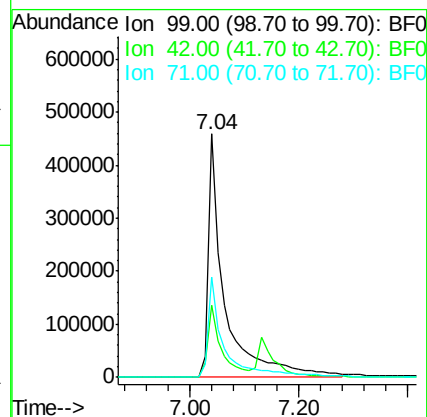
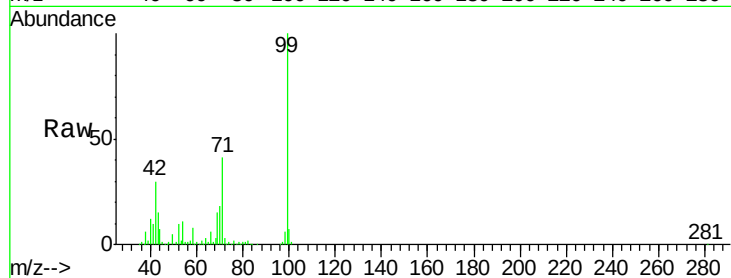
Tgt Ion: 99 Resp: 959053

Ion Ratio Lower Upper

99 100

42 29.8 13.6 20.4#

71 41.1 24.6 36.8#



#15

Benzyl Alcohol

Concen: 2.33 ng

RT: 7.70 min Scan# 535

Delta R.T. -0.11 min

Lab File: BF087537.D

Acq: 30 May 2016 5:41

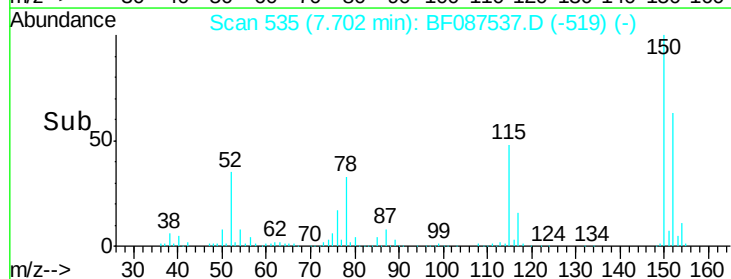
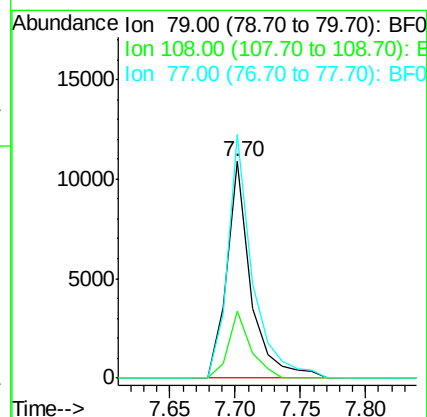
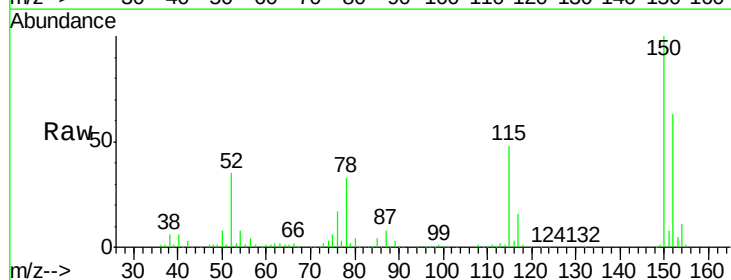
Tgt Ion: 79 Resp: 13999

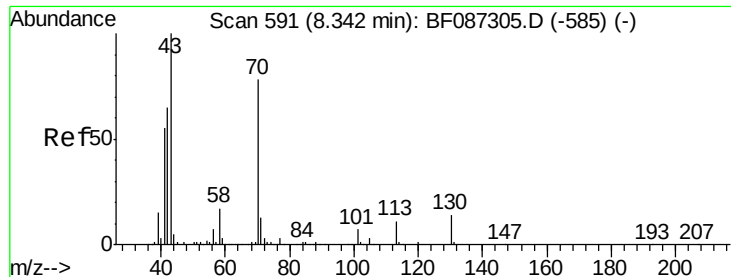
Ion Ratio Lower Upper

79 100

108 30.9 68.4 102.6#

77 112.6 50.6 76.0#

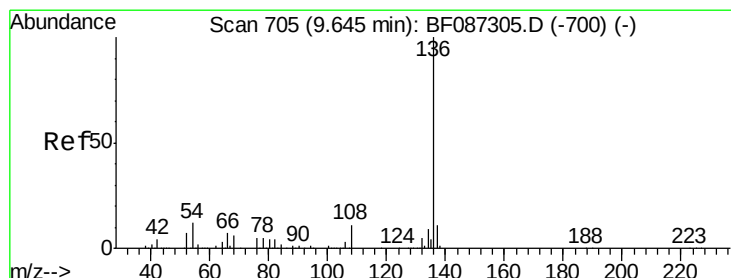
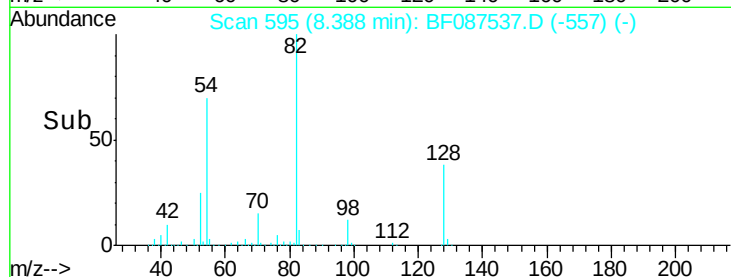
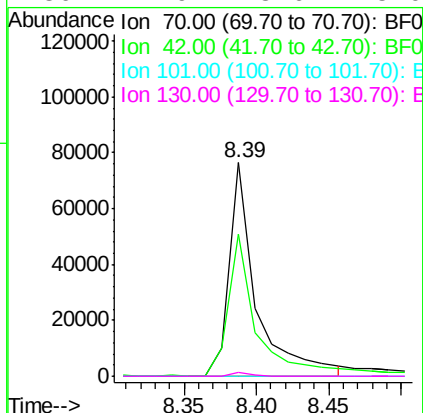
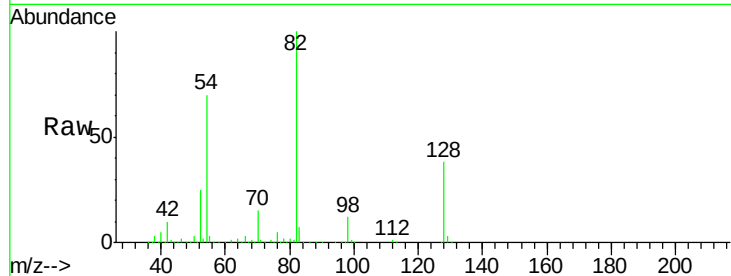




#19
n-Nitroso-di-n-propylamine
Concen: 16.10 ng
RT: 8.39 min Scan# 595
Delta R.T. 0.14 min
Lab File: BF087537.D
Acq: 30 May 2016 5:41

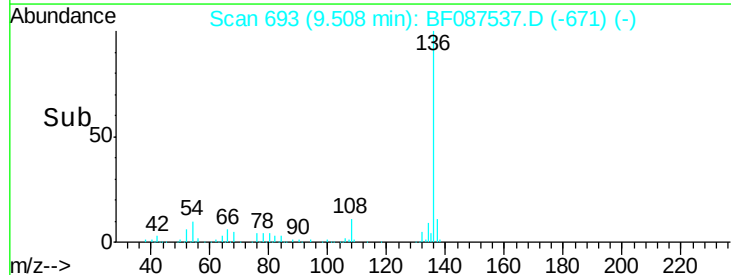
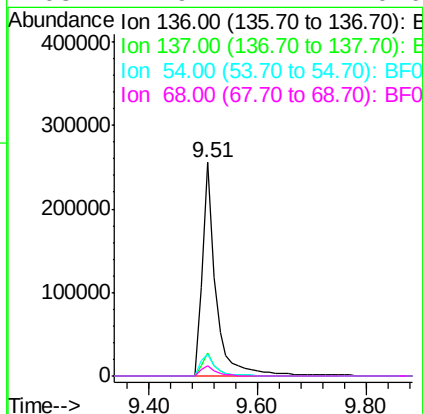
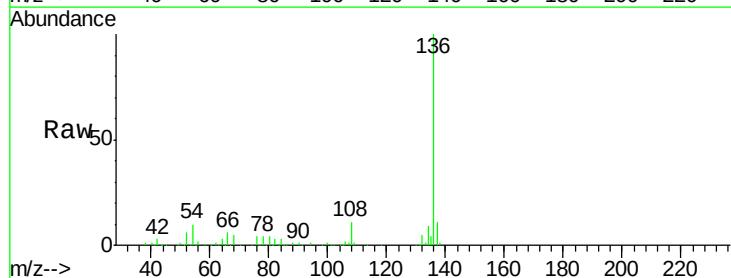
Instrument :
BNA_F
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STA-TA-1261+50(0-4)

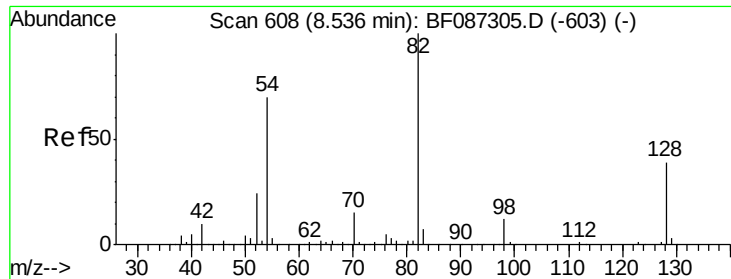
Tgt Ion: 70 Resp: 99142
Ion Ratio Lower Upper
70 100
42 66.3 43.1 64.7#
101 0.0 8.1 12.1#
130 1.9 18.6 28.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.51 min Scan# 693
Delta R.T. -0.05 min
Lab File: BF087537.D
Acq: 30 May 2016 5:41

Tgt Ion: 136 Resp: 437184
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 10.2 5.0 7.4#
68 4.9 4.4 6.6

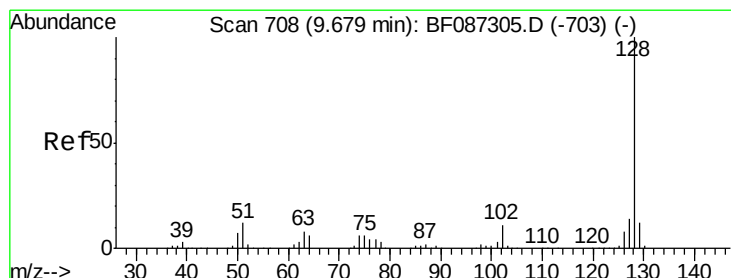
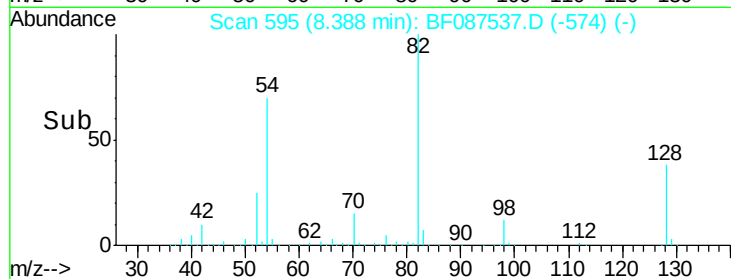
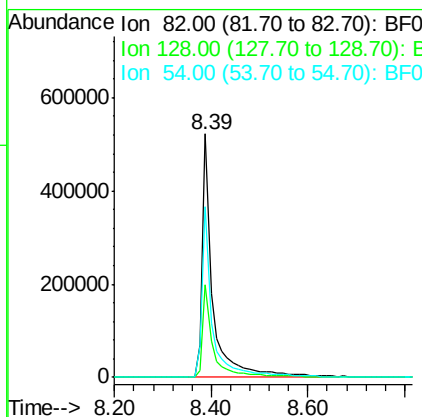
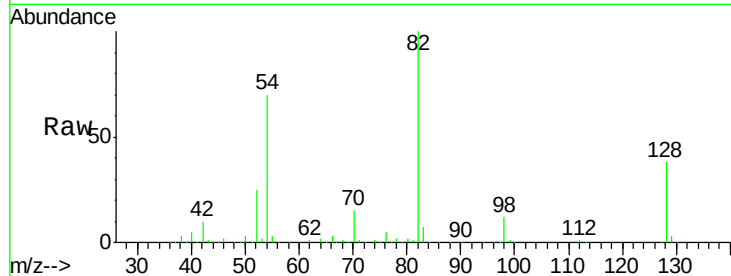




#23
 Nitrobenzene-d5
 Concen: 91.51 ng
 RT: 8.39 min Scan# 595
 Delta R.T. -0.06 min
 Lab File: BF087537.D
 Acq: 30 May 2016 5:41

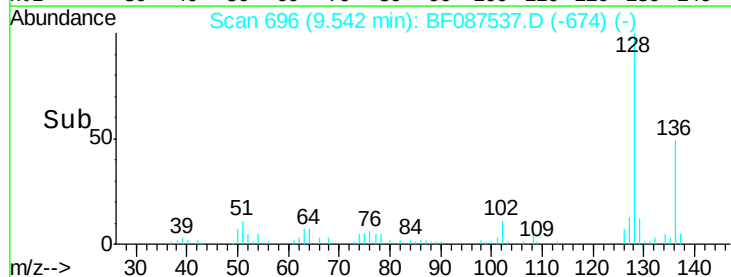
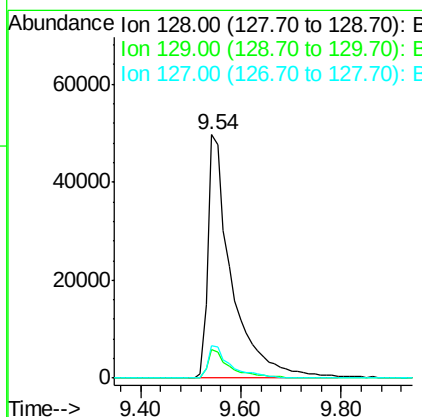
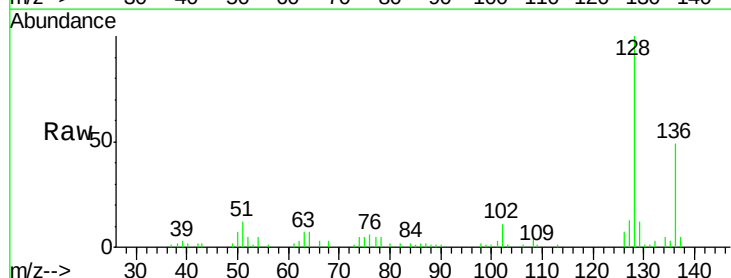
Instrument :
 BNA_F
 ClientSampleId :
 STA-TA-1261+50(0-4)

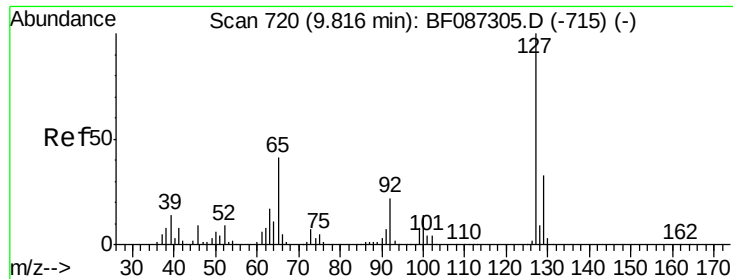
Tgt Ion: 82 Resp: 793787
 Ion Ratio Lower Upper
 82 100
 128 37.8 40.6 61.0#
 54 70.1 38.1 57.1#



#31
 Naphthalene
 Concen: 7.46 ng
 RT: 9.54 min Scan# 696
 Delta R.T. -0.05 min
 Lab File: BF087537.D
 Acq: 30 May 2016 5:41

Tgt Ion: 128 Resp: 163432
 Ion Ratio Lower Upper
 128 100
 129 11.9 8.6 13.0
 127 13.2 10.8 16.2

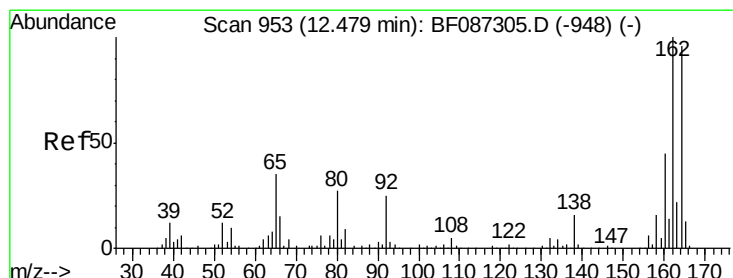
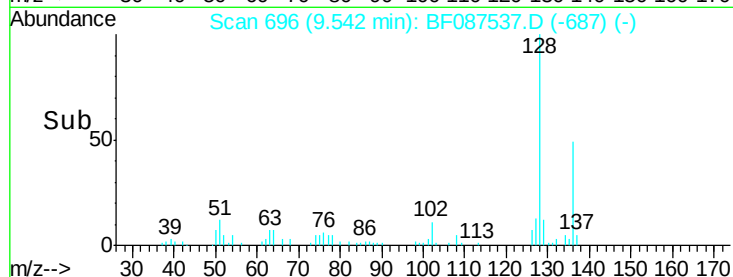
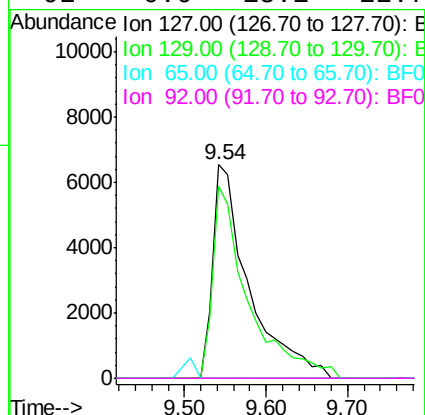
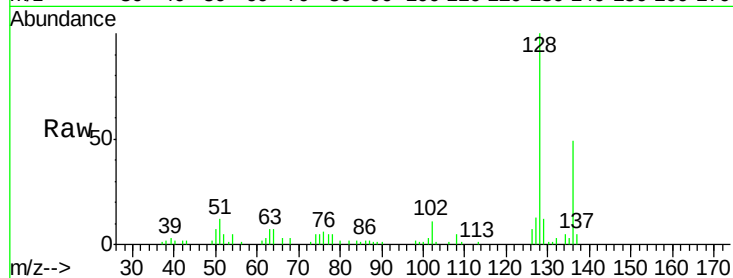




#33
4-Chloroaniline
Concen: 2.51 ng
RT: 9.54 min Scan# 696
Delta R.T. -0.19 min
Lab File: BF087537.D
Acq: 30 May 2016 5:41

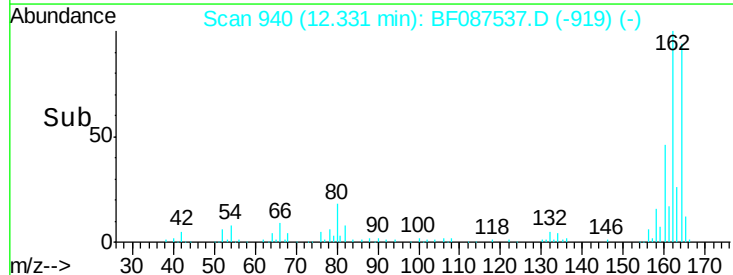
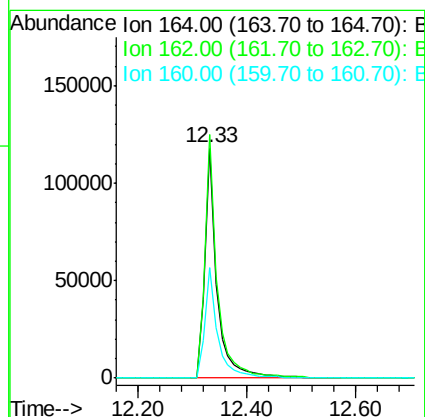
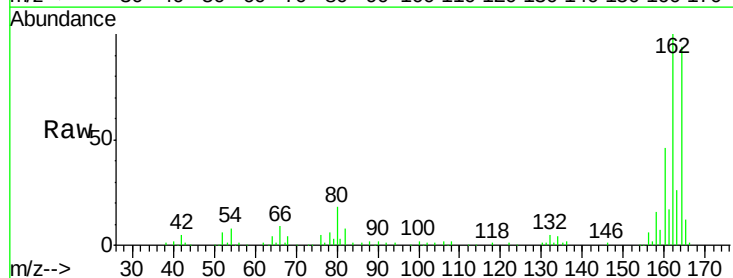
Instrument :
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STA-TA-1261+50(0-4)

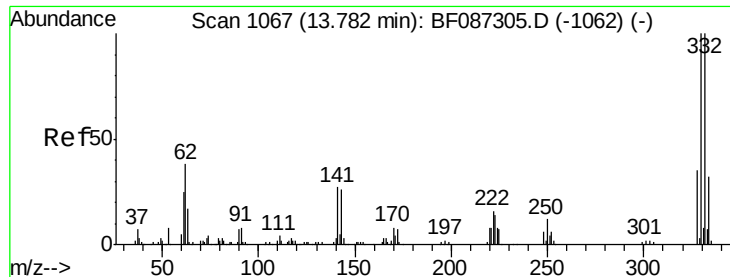
Tgt Ion:	127	Resp:	20238
Ion Ratio	Lower	Upper	
127	100		
129	90.2	26.2	39.4#
65	0.0	23.0	34.4#
92	0.0	15.1	22.7#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.33 min Scan# 940
Delta R.T. -0.06 min
Lab File: BF087537.D
Acq: 30 May 2016 5:41

Tgt Ion:	164	Resp:	182478
Ion Ratio	Lower	Upper	
164	100		
162	105.9	82.8	124.2
160	48.3	36.9	55.3

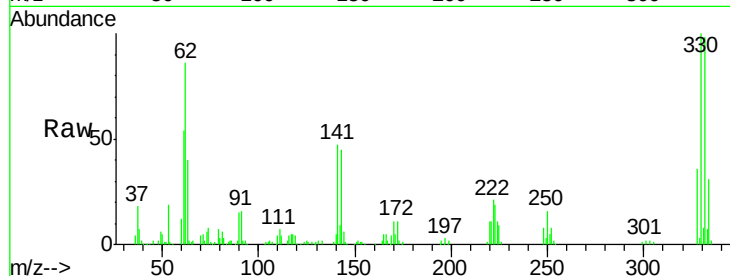




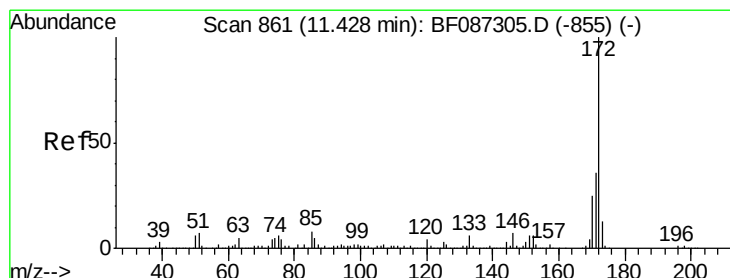
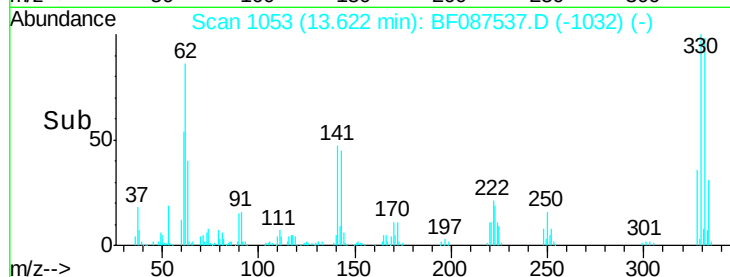
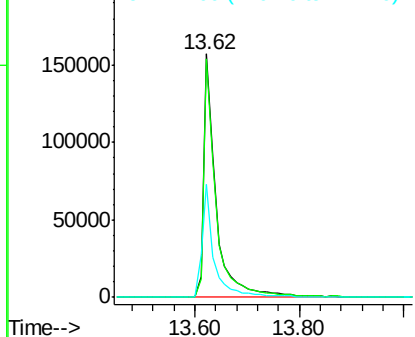
#41
 2,4,6-Tribromophenol
 Concen: 148.40 ng
 RT: 13.62 min Scan# 1053
 Delta R.T. -0.06 min
 Lab File: BF087537.D
 Acq: 30 May 2016 5:41

Instrument :
 BNA_F
 ClientSampleId :
 STA-TA-1261+50(0-4)

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.9	79.0	118.4
141	46.1	31.2	46.8

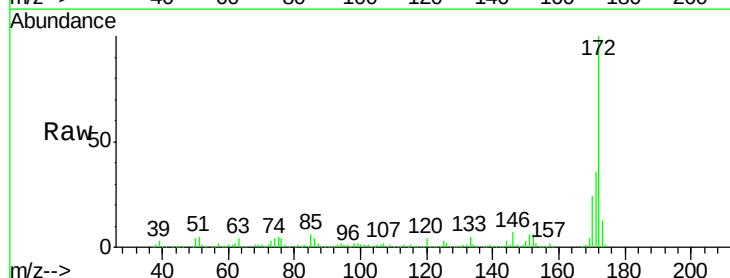


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

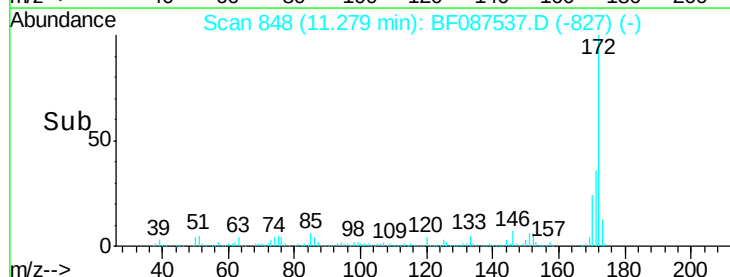
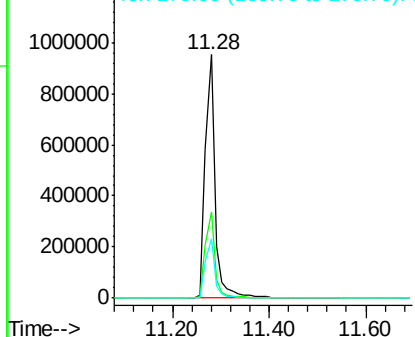


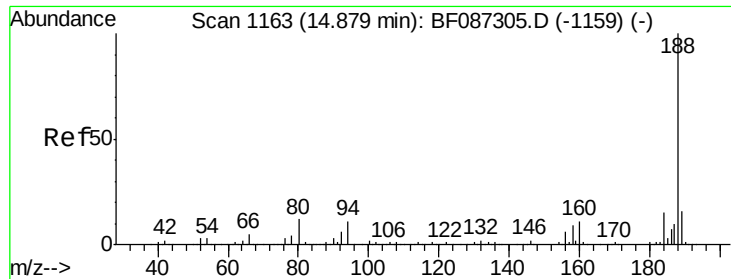
#44
 2-Fluorobiphenyl
 Concen: 103.98 ng
 RT: 11.28 min Scan# 848
 Delta R.T. -0.06 min
 Lab File: BF087537.D
 Acq: 30 May 2016 5:41

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.0	43.6
170	24.3	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

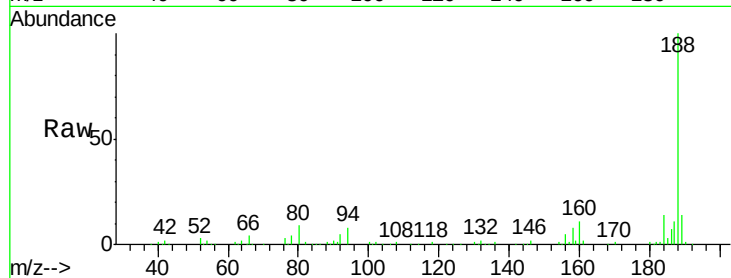




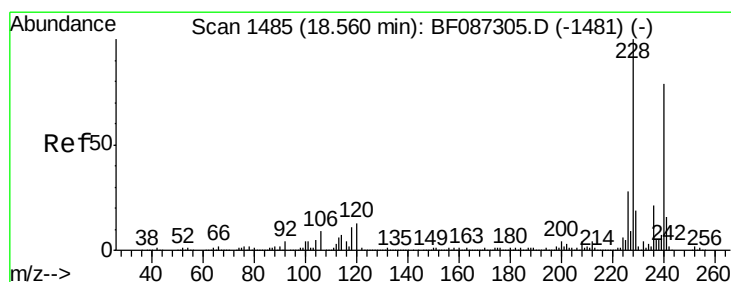
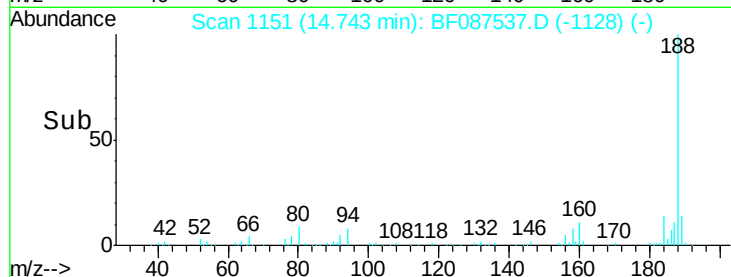
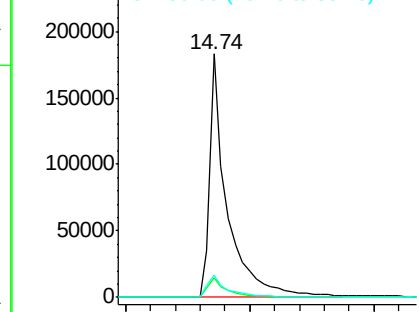
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.74 min Scan# 1151
Delta R.T. -0.03 min
Lab File: BF087537.D
Acq: 30 May 2016 5:41

Instrument :
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STA-TA-1261+50(0-4)

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.2	6.8	10.2
80	9.2	7.1	10.7

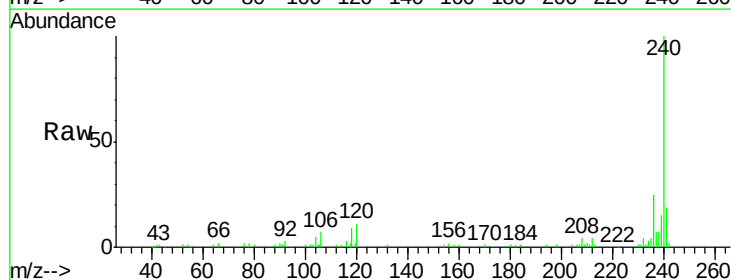


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

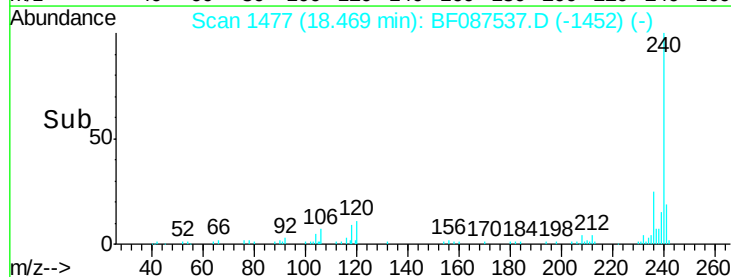
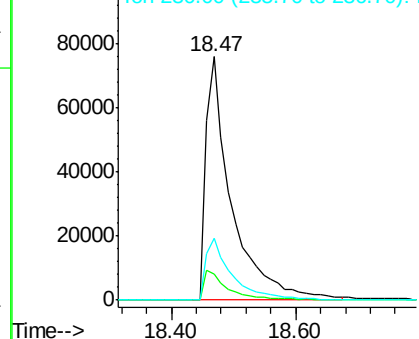


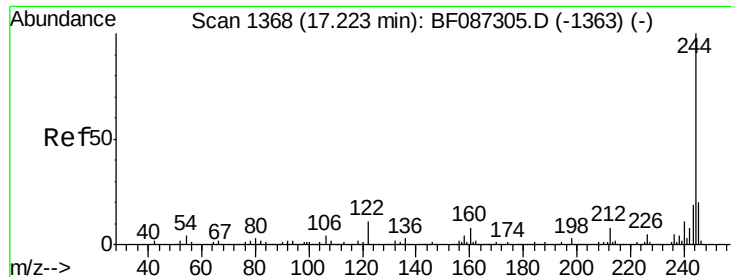
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.47 min Scan# 1477
Delta R.T. -0.01 min
Lab File: BF087537.D
Acq: 30 May 2016 5:41

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.9	11.2	16.8#
236	25.3	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: 110.72 ng

RT: 17.09 min Scan# 1356

Delta R.T. -0.05 min

Lab File: BF087537.D

Acq: 30 May 2016 5:41

Instrument :

BNA_F

ClientSampleId :

STA-TA-1261+50(0-4)

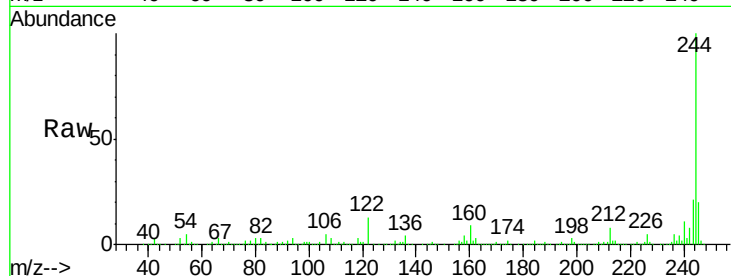
Tgt Ion:244 Resp: 1138648

Ion Ratio Lower Upper

244 100

212 8.2 6.2 9.2

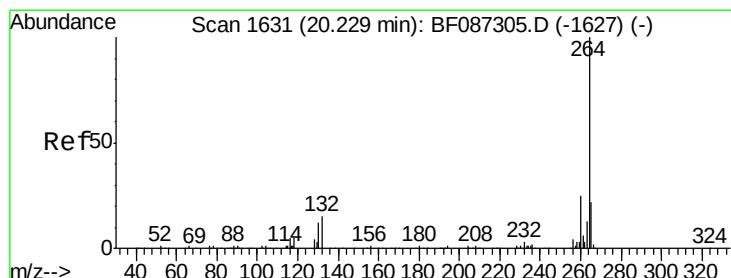
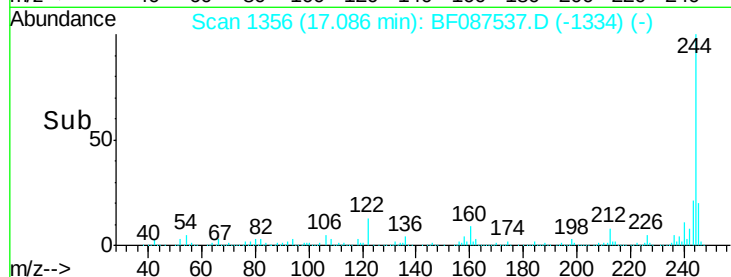
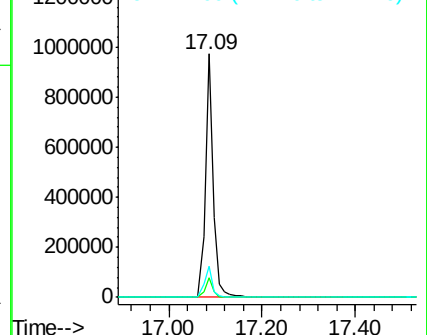
122 13.1 12.0 18.0



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: 20.17 min Scan# 1626

Delta R.T. 0.03 min

Lab File: BF087537.D

Acq: 30 May 2016 5:41

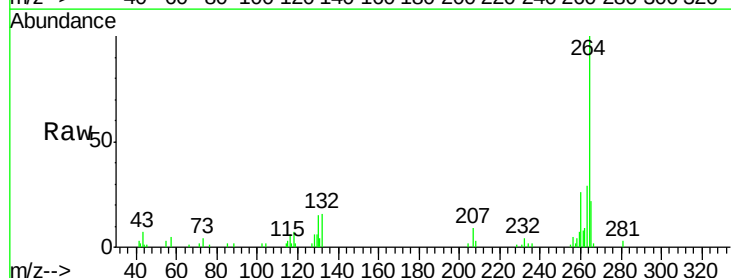
Tgt Ion:264 Resp: 97151

Ion Ratio Lower Upper

264 100

260 25.8 19.5 29.3

265 21.9 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

