

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052916\
 Data File : BF087538.D
 Acq On : 30 May 2016 6:15
 Operator : UM/SJ
 Sample : H3268-11
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 STA-TA-1271(0-4)

Quant Time: May 30 06:50:57 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

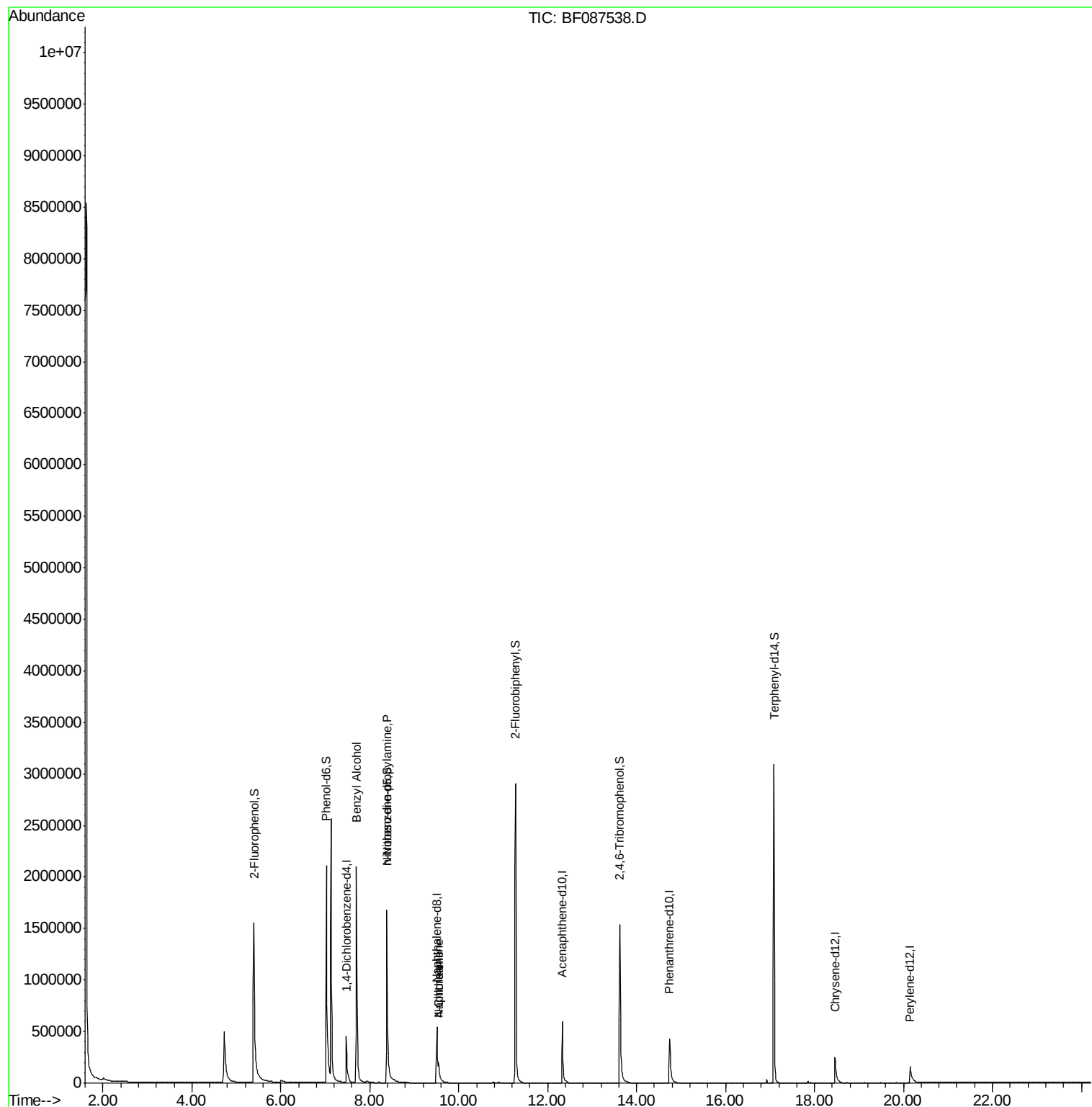
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	109247	20.00	ng	-0.05
21) Naphthalene-d8	9.51	136	423473	20.00	ng	-0.05
38) Acenaphthene-d10	12.33	164	199272	20.00	ng	-0.06
63) Phenanthrene-d10	14.74	188	362347	20.00	ng	-0.03
75) Chrysene-d12	18.46	240	254601	20.00	ng	-0.02
86) Perylene-d12	20.15	264	179577	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	817068	131.42	ng	-0.02
7) Phenol-d6	7.03	99	1047856	124.73	ng	-0.05
23) Nitrobenzene-d5	8.39	82	787194	93.69	ng	-0.06
41) 2,4,6-Tribromophenol	13.62	330	257992	134.73	ng	-0.06
44) 2-Fluorobiphenyl	11.28	172	1344988	95.15	ng	-0.06
78) Terphenyl-d14	17.09	244	1165131	97.29	ng	-0.05
Target Compounds						
15) Benzyl Alcohol	7.70	79	13748	2.24	ng	# 46
19) n-Nitroso-di-n-propylamine	8.39	70	97737	15.60	ng	# 74
31) Naphthalene	9.54	128	206663	9.74	ng	99
33) 4-Chloroaniline	9.54	127	26482	3.39	ng	# 32

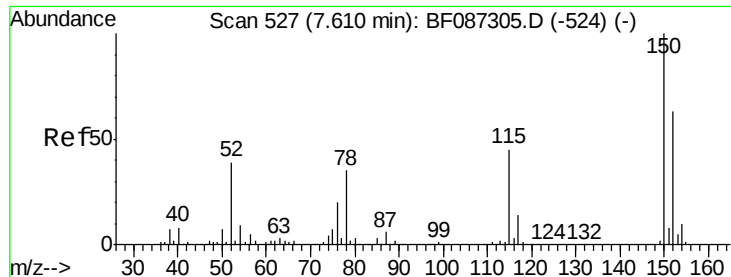
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF087538.D

Acq: 30 May 2016 6:15

Instrument :

BNA_F

ClientSampleId :

STA-TA-1271(0-4)

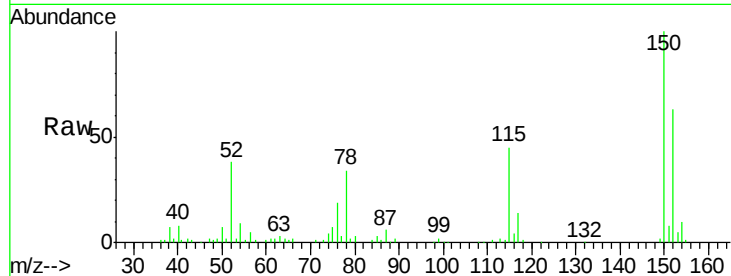
Tgt Ion:152 Resp: 109247

Ion Ratio Lower Upper

152 100

150 157.8 125.8 188.6

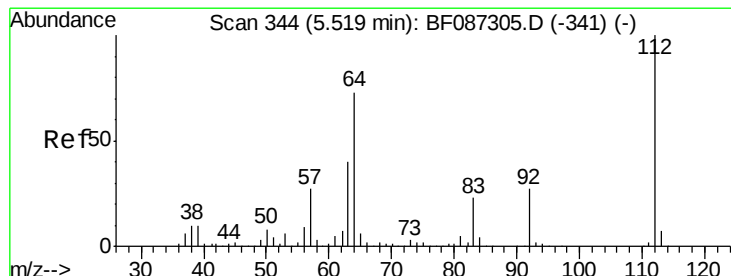
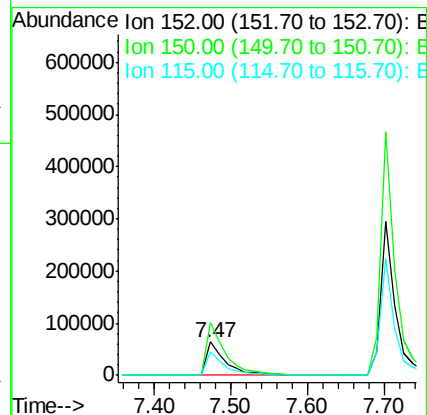
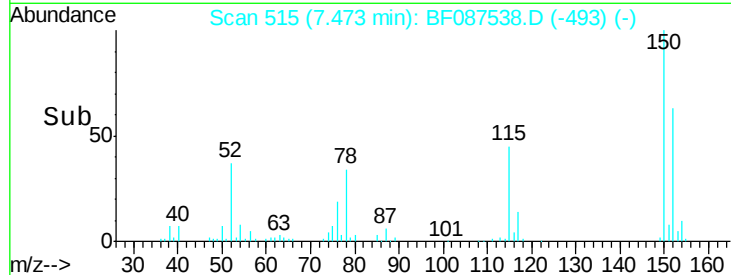
115 71.0 51.5 77.3



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: 131.42 ng

RT: 5.39 min Scan# 333

Delta R.T. -0.02 min

Lab File: BF087538.D

Acq: 30 May 2016 6:15

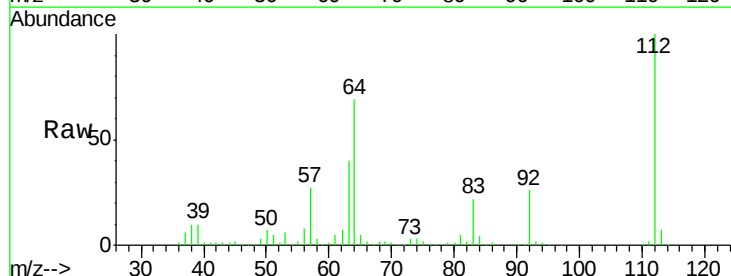
Tgt Ion:112 Resp: 817068

Ion Ratio Lower Upper

112 100

64 69.4 52.1 78.1

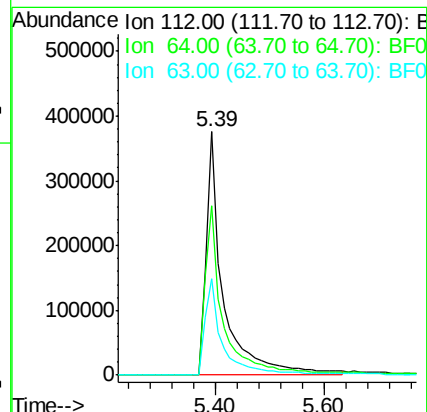
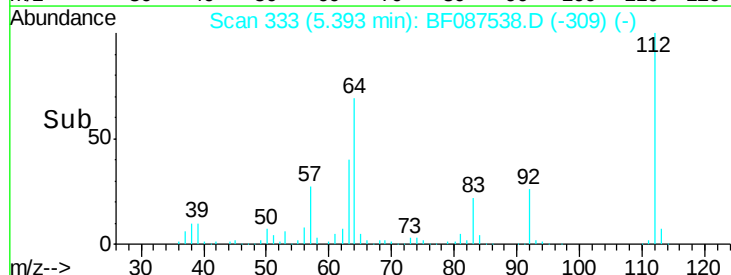
63 39.6 25.7 38.5#

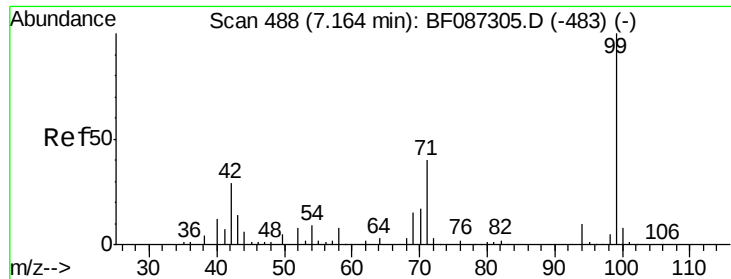


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 124.73 ng

RT: 7.03 min Scan# 476

Delta R.T. -0.05 min

Lab File: BF087538.D

Acq: 30 May 2016 6:15

Instrument :

BNA_F

ClientSampleId :

STA-TA-1271(0-4)

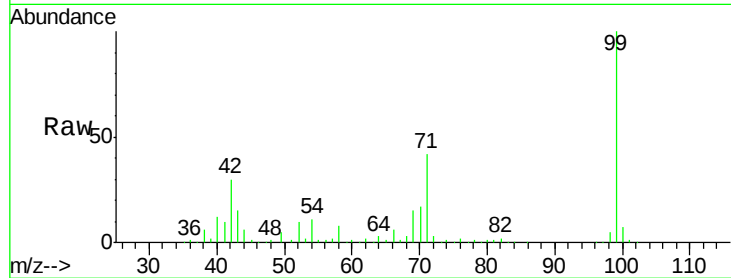
Tgt Ion: 99 Resp: 1047856

Ion Ratio Lower Upper

99 100

42 30.4 13.6 20.4#

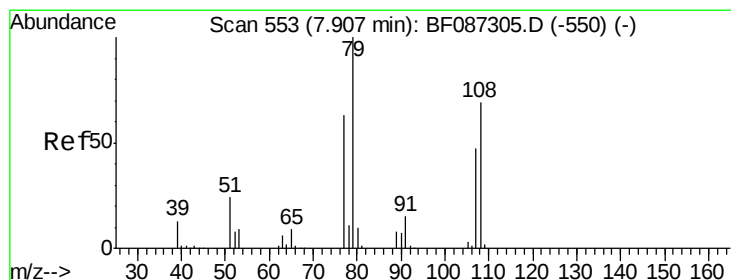
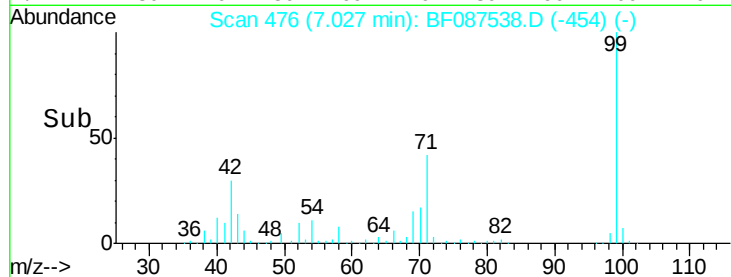
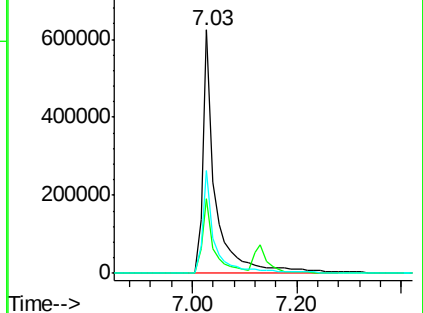
71 42.0 24.6 36.8#



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#15

Benzyl Alcohol

Concen: 2.24 ng

RT: 7.70 min Scan# 535

Delta R.T. -0.11 min

Lab File: BF087538.D

Acq: 30 May 2016 6:15

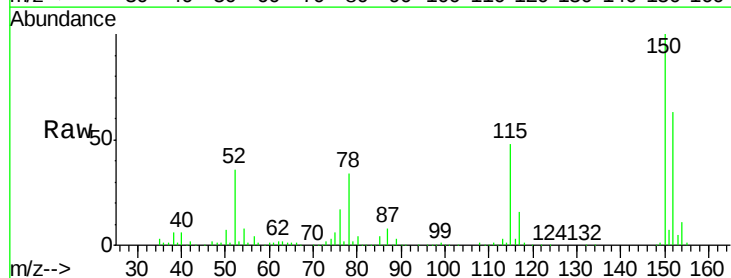
Tgt Ion: 79 Resp: 13748

Ion Ratio Lower Upper

79 100

108 30.5 68.4 102.6#

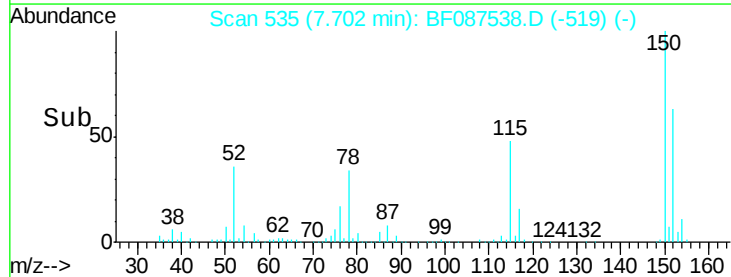
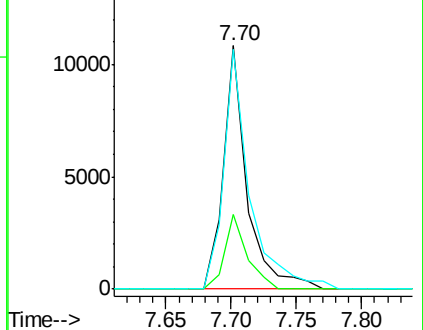
77 98.4 50.6 76.0#

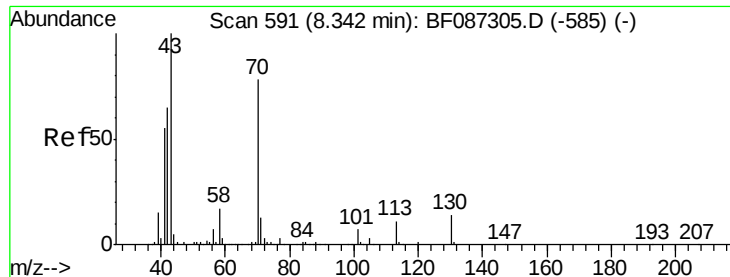


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

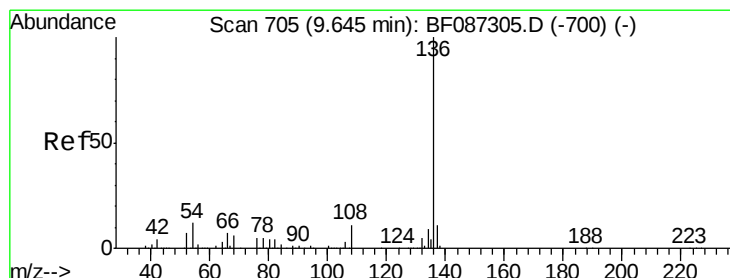
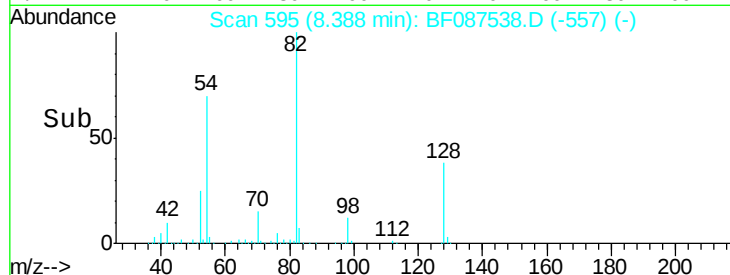
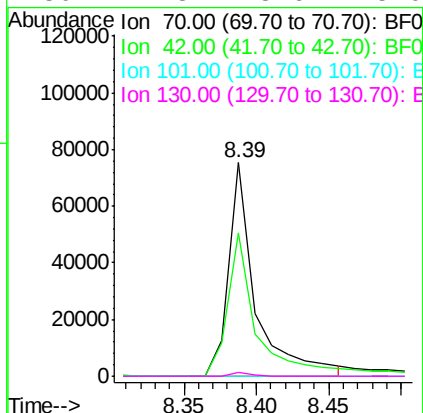
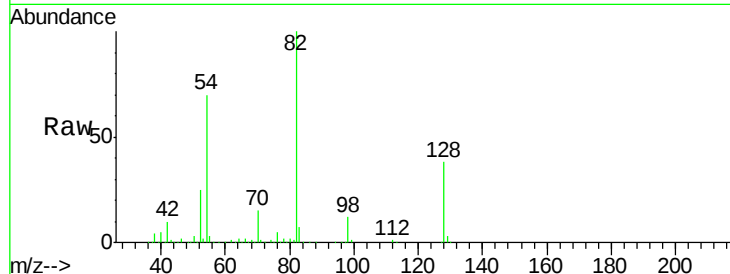




#19
n-Nitroso-di-n-propylamine
Concen: 15.60 ng
RT: 8.39 min Scan# 595
Delta R.T. 0.14 min
Lab File: BF087538.D
Acq: 30 May 2016 6:15

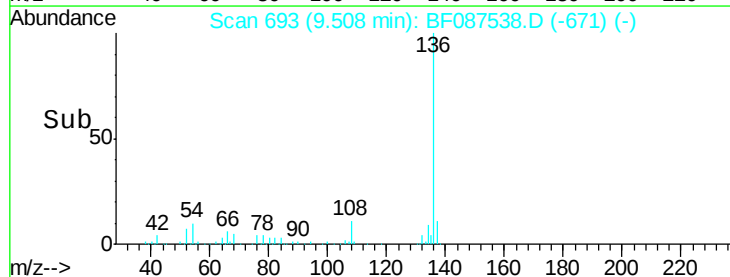
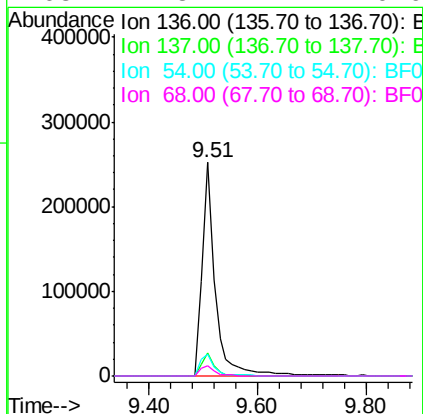
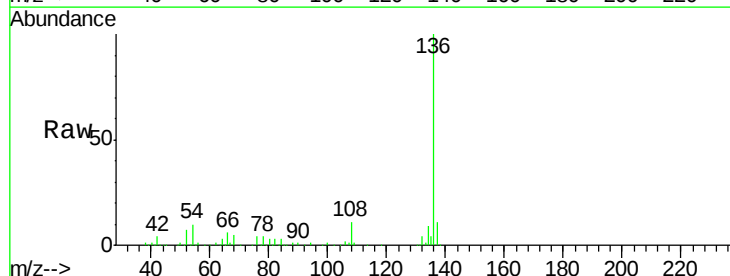
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BNA_F
ClientSampleId :
STA-TA-1271(0-4)

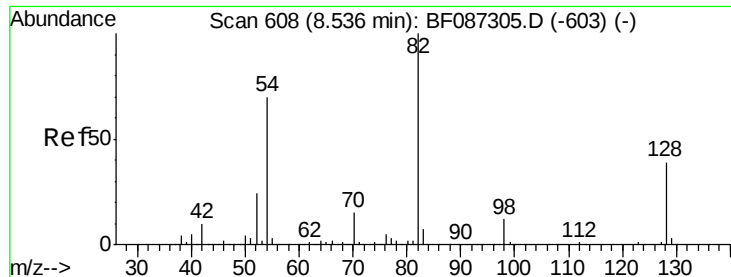
Tgt Ion: 70 Resp: 97737
Ion Ratio Lower Upper
70 100
42 67.1 43.1 64.7#
101 0.0 8.1 12.1#
130 1.8 18.6 28.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.51 min Scan# 693
Delta R.T. -0.05 min
Lab File: BF087538.D
Acq: 30 May 2016 6:15

Tgt Ion: 136 Resp: 423473
Ion Ratio Lower Upper
136 100
137 10.5 8.8 13.2
54 10.3 5.0 7.4#
68 4.8 4.4 6.6

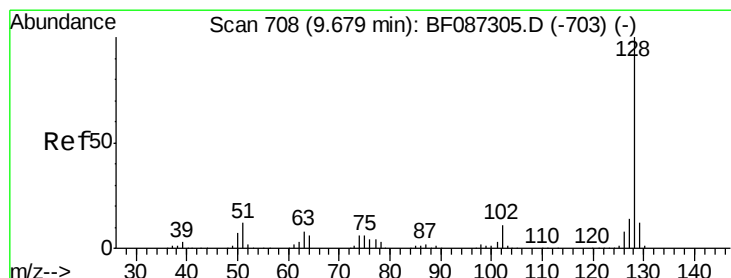
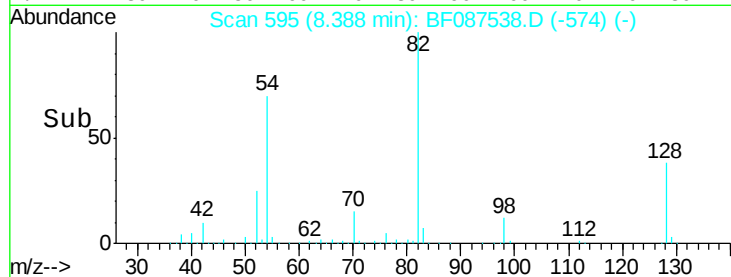
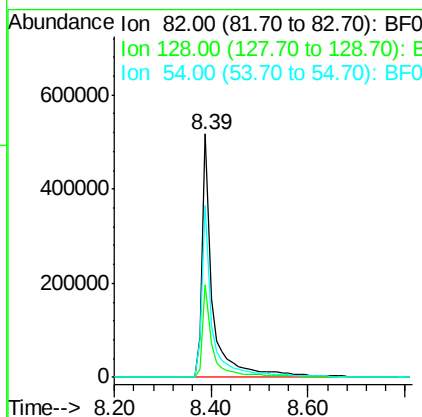
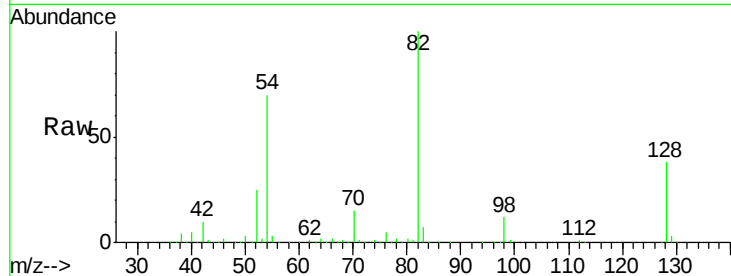




#23
Nitrobenzene-d5
Concen: 93.69 ng
RT: 8.39 min Scan# 595
Delta R.T. -0.06 min
Lab File: BF087538.D
Acq: 30 May 2016 6:15

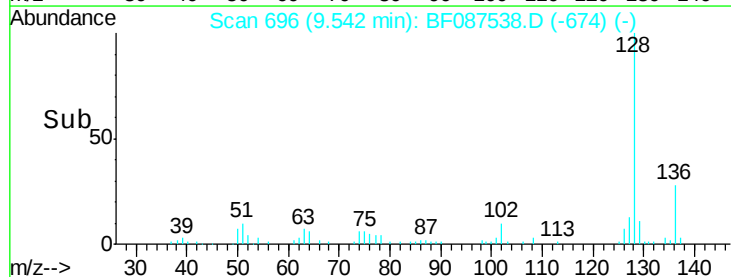
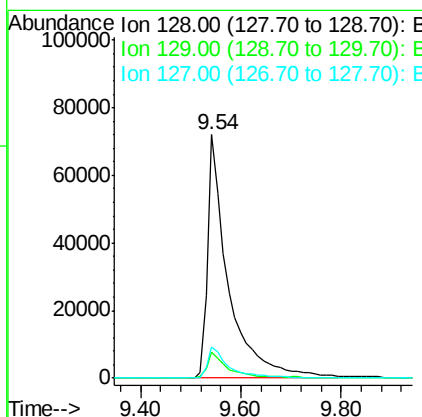
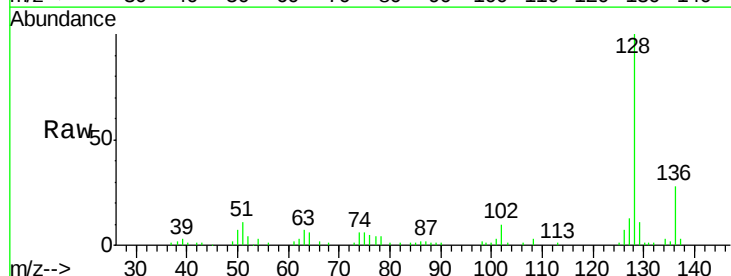
Instrument :
BNA_F
ClientSampleId :
STA-TA-1271(0-4)

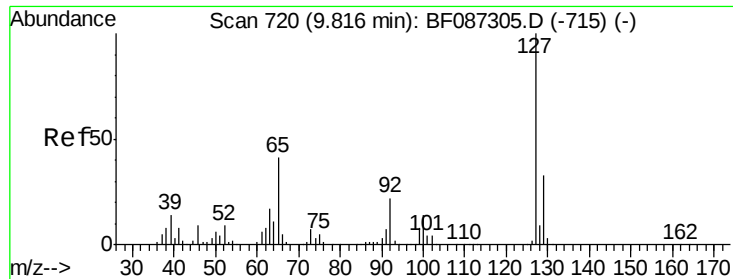
Tgt Ion: 82 Resp: 787194
Ion Ratio Lower Upper
82 100
128 38.1 40.6 61.0#
54 70.4 38.1 57.1#



#31
Naphthalene
Concen: 9.74 ng
RT: 9.54 min Scan# 696
Delta R.T. -0.05 min
Lab File: BF087538.D
Acq: 30 May 2016 6:15

Tgt Ion: 128 Resp: 206663
Ion Ratio Lower Upper
128 100
129 10.9 8.6 13.0
127 12.7 10.8 16.2

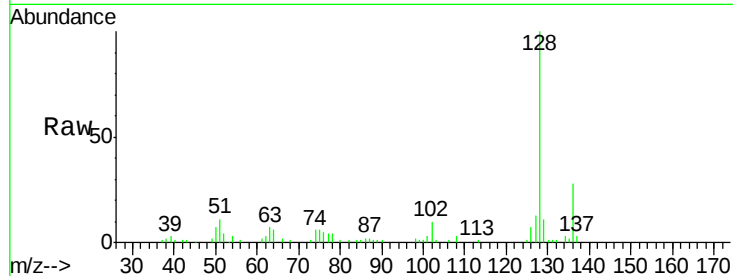




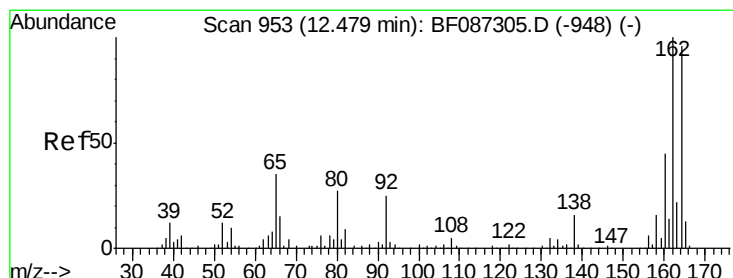
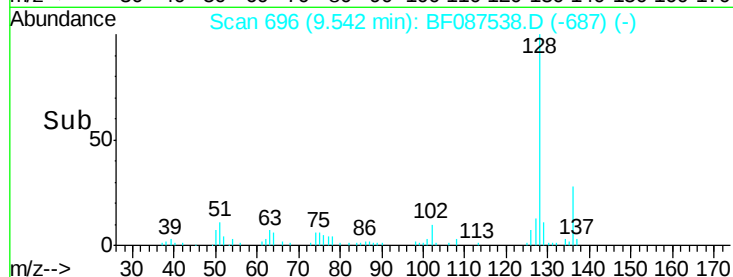
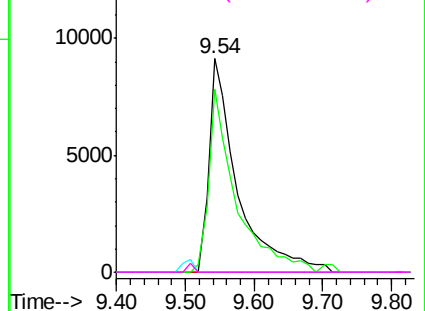
#33
4-Chloroaniline
Concen: 3.39 ng
RT: 9.54 min Scan# 696
Delta R.T. -0.19 min
Lab File: BF087538.D
Acq: 30 May 2016 6:15

Instrument :
BNA_F
ClientSampleId :
STA-TA-1271(0-4)

Tgt Ion:	127	Resp:	26482
Ion Ratio	Lower	Upper	
127	100		
129	85.9	26.2	39.4#
65	0.0	23.0	34.4#
92	0.0	15.1	22.7#

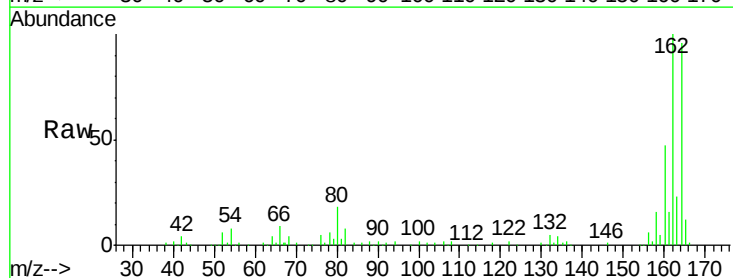


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

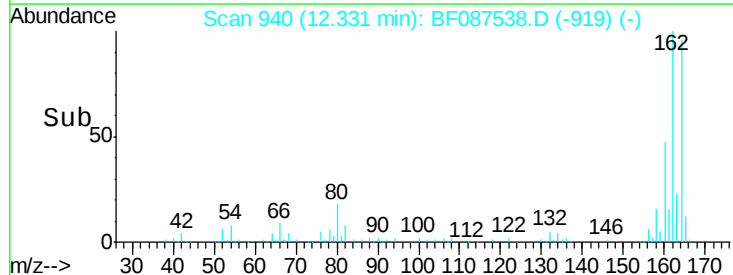
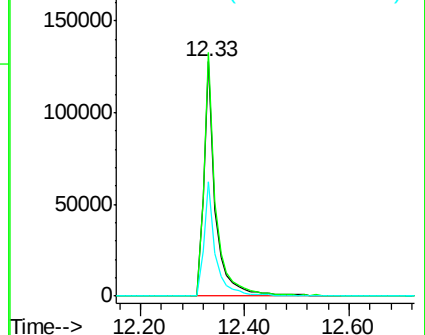


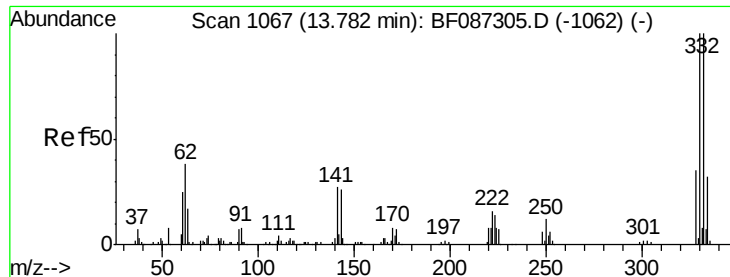
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.33 min Scan# 940
Delta R.T. -0.06 min
Lab File: BF087538.D
Acq: 30 May 2016 6:15

Tgt Ion:	164	Resp:	199272
Ion Ratio	Lower	Upper	
164	100		
162	104.0	82.8	124.2
160	48.6	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

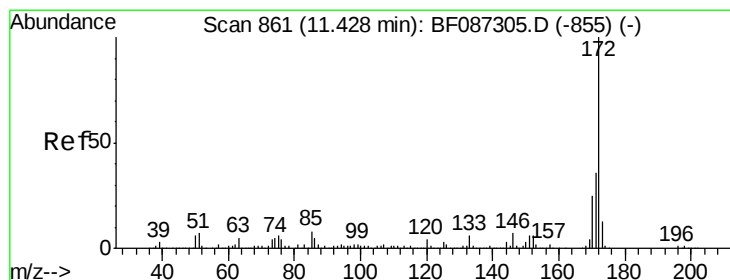
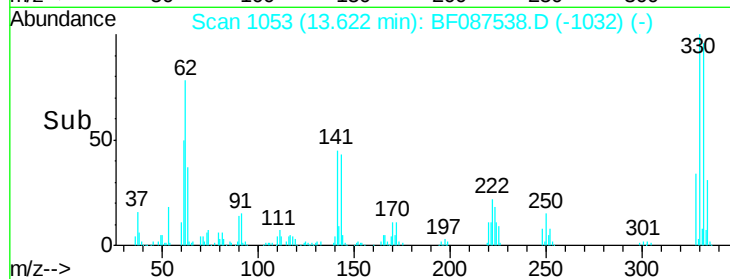
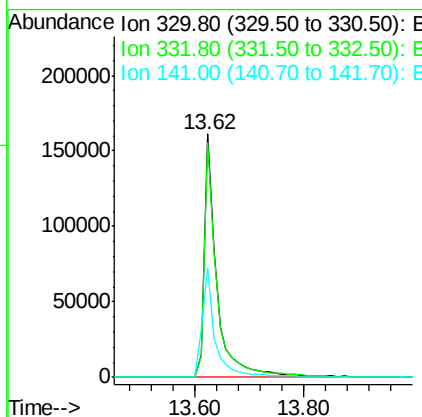
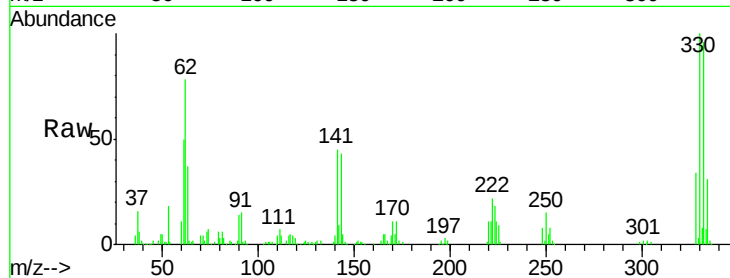




#41
 2,4,6-Tribromophenol
 Concen: 134.73 ng
 RT: 13.62 min Scan# 1053
 Delta R.T. -0.06 min
 Lab File: BF087538.D
 Acq: 30 May 2016 6:15

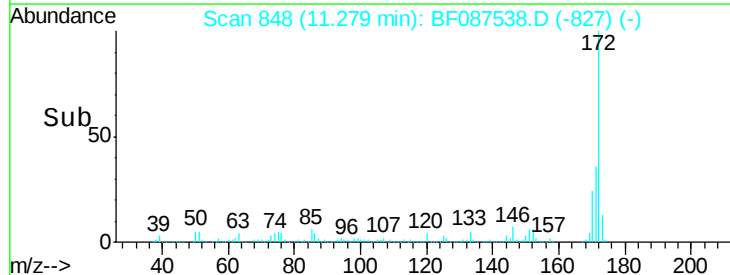
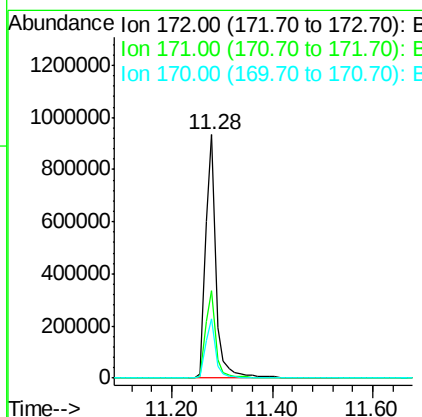
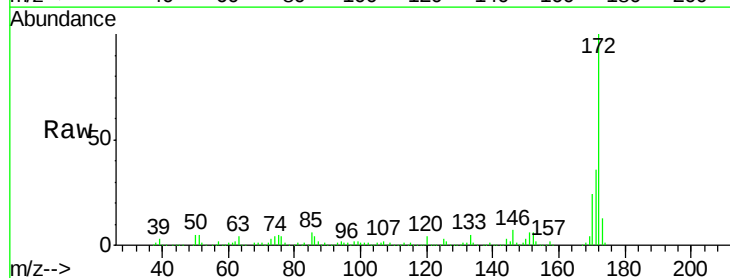
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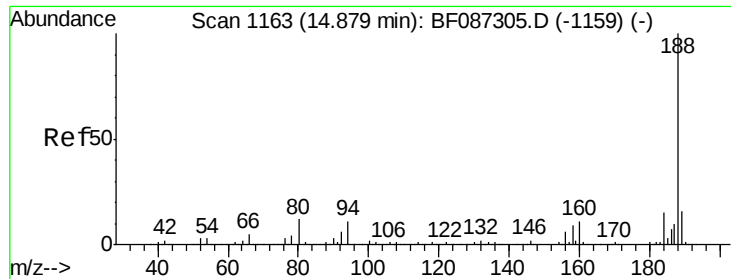
Tgt Ion:330 Resp: 257992
 Ion Ratio Lower Upper
 330 100
 332 97.7 79.0 118.4
 141 47.3 31.2 46.8#



#44
 2-Fluorobiphenyl
 Concen: 95.15 ng
 RT: 11.28 min Scan# 848
 Delta R.T. -0.06 min
 Lab File: BF087538.D
 Acq: 30 May 2016 6:15

Tgt Ion:172 Resp: 1344988
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.0 43.6
 170 24.3 19.8 29.8

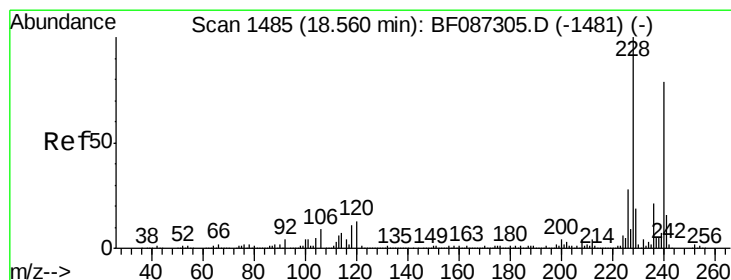
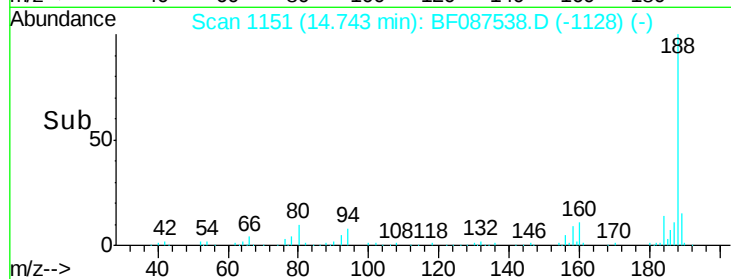
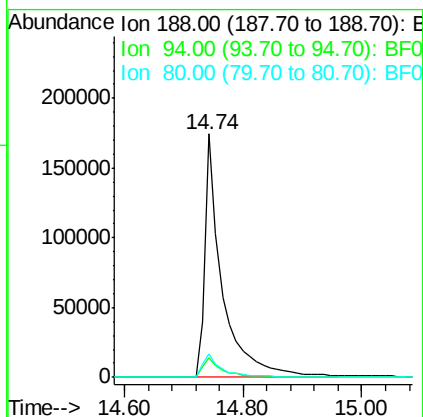
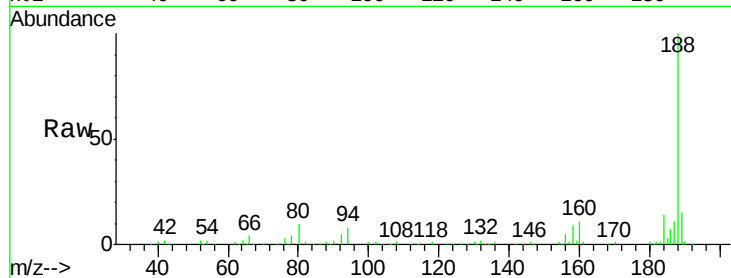




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.74 min Scan# 1151
Delta R.T. -0.03 min
Lab File: BF087538.D
Acq: 30 May 2016 6:15

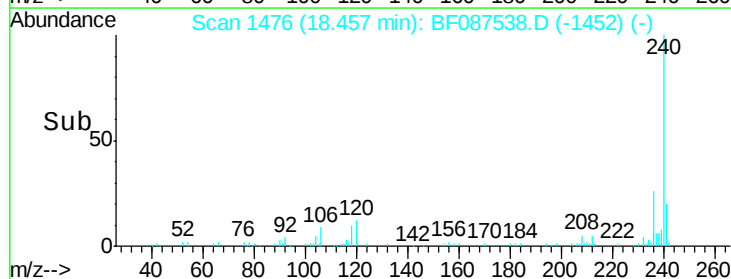
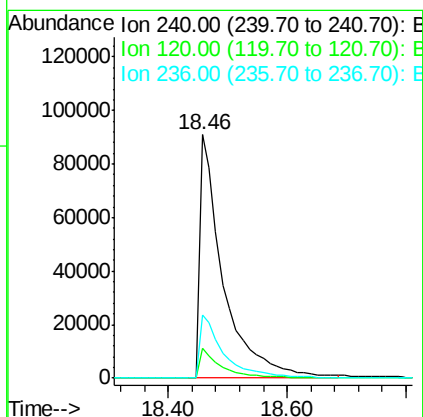
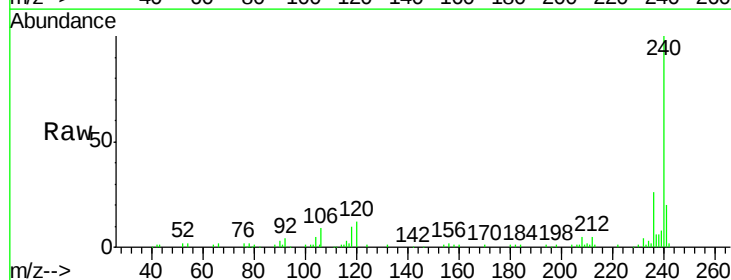
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STA-TA-1271(0-4)

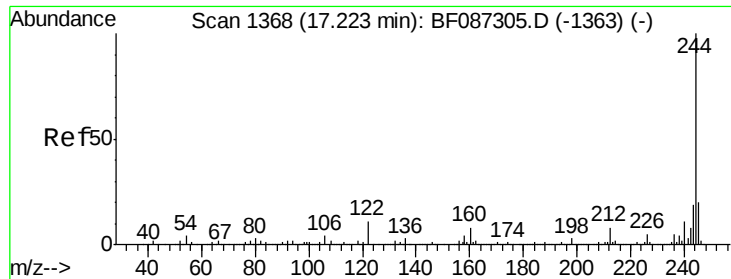
Tgt Ion	Ratio	Resp	Lower	Upper
188	100	362347		
94	8.2		6.8	10.2
80	9.9		7.1	10.7



#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.46 min Scan# 1476
Delta R.T. -0.02 min
Lab File: BF087538.D
Acq: 30 May 2016 6:15

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	254601		
120	12.1		11.2	16.8
236	25.9		21.2	31.8





#78

Terphenyl-d14

Concen: 97.29 ng

RT: 17.09 min Scan# 1356

Delta R.T. -0.05 min

Lab File: BF087538.D

Acq: 30 May 2016 6:15

Instrument :

BNA_F

ClientSampleId :

STA-TA-1271(0-4)

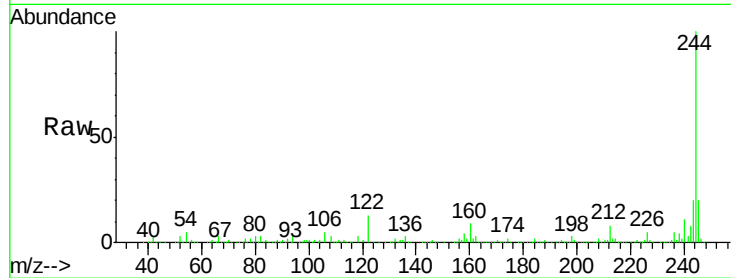
Tgt Ion:244 Resp: 1165131

Ion Ratio Lower Upper

244 100

212 8.2 6.2 9.2

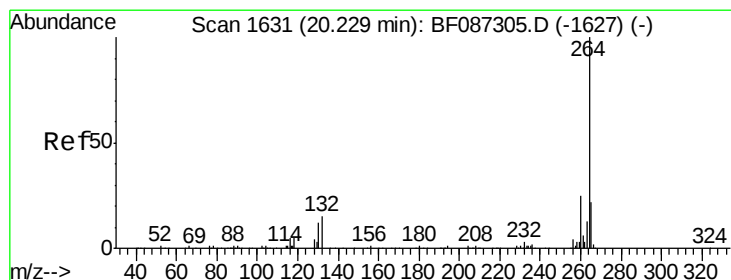
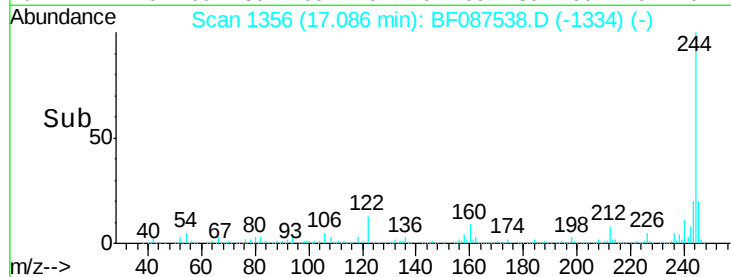
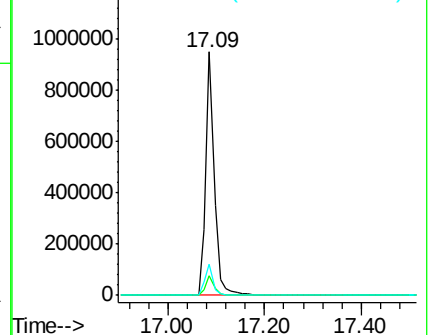
122 12.8 12.0 18.0



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: 20.15 min Scan# 1624

Delta R.T. 0.01 min

Lab File: BF087538.D

Acq: 30 May 2016 6:15

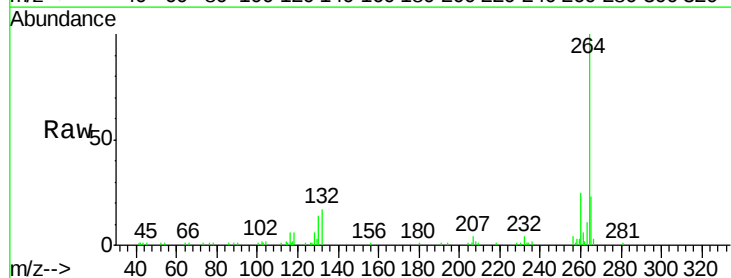
Tgt Ion:264 Resp: 179577

Ion Ratio Lower Upper

264 100

260 24.9 19.5 29.3

265 22.9 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

