

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120315\
 Data File : BF083479.D
 Acq On : 4 Dec 2015 00:53
 Operator : UM/IZ
 Sample : G4617-03
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-03

Quant Time: Dec 04 02:20:53 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 01 01:17:16 2015
 Response via : Initial Calibration

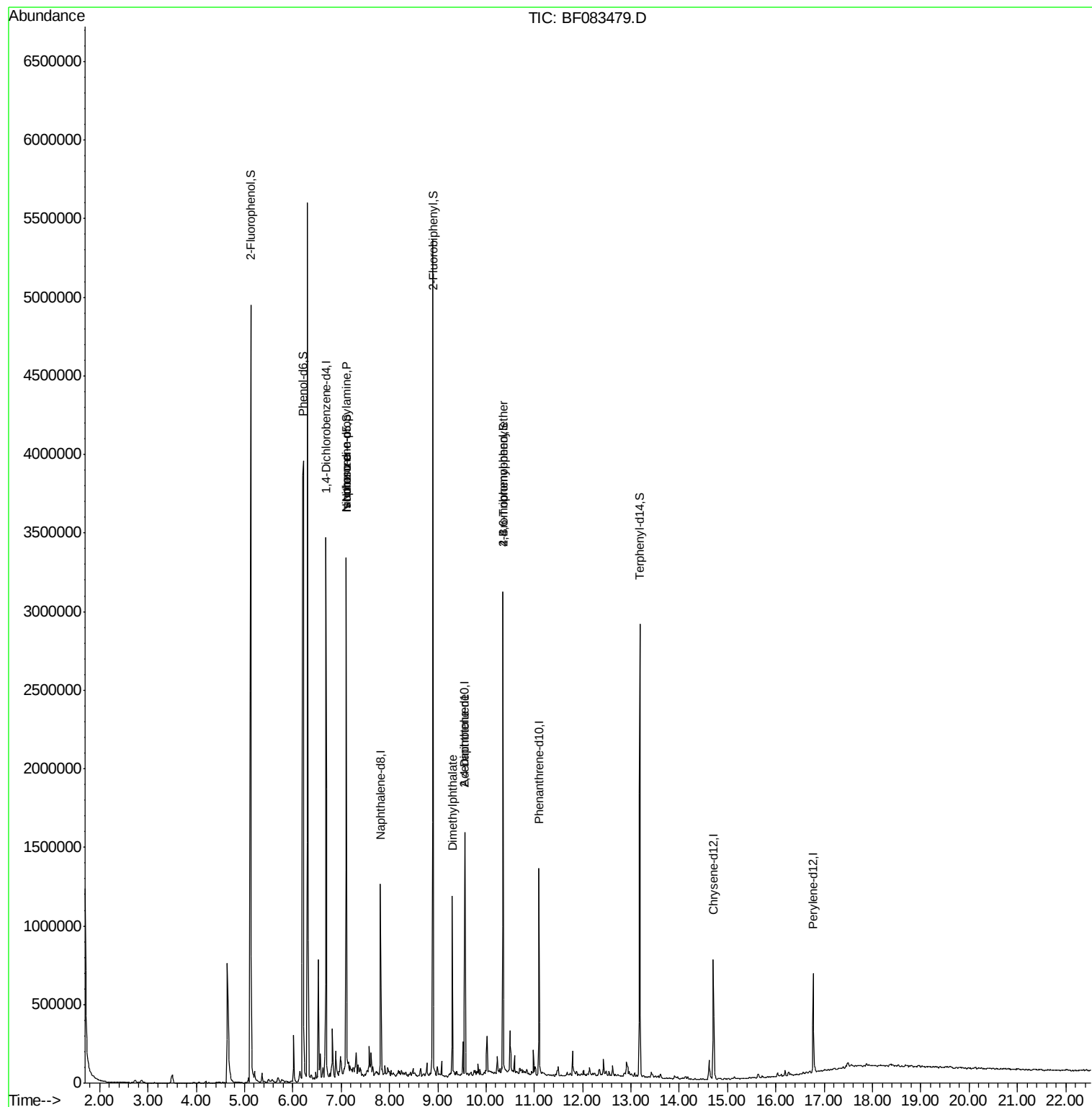
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	624604	20.00	ng	0.14
21) Naphthalene-d8	7.81	136	605223	20.00	ng	-0.02
38) Acenaphthene-d10	9.56	164	307548	20.00	ng	-0.02
63) Phenanthrene-d10	11.09	188	507271	20.00	ng	-0.03
75) Chrysene-d12	14.71	240	370894	20.00	ng	-0.06
86) Perylene-d12	16.77	264	327561	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.13	112	1581077	37.98	ng	0.00
7) Phenol-d6	6.21	99	2173917	38.16	ng	-0.01
23) Nitrobenzene-d5	7.10	82	1255510	91.19	ng	-0.02
41) 2,4,6-Tribromophenol	10.35	330	338533	109.65	ng	-0.03
44) 2-Fluorobiphenyl	8.90	172	1629657	75.51	ng	-0.02
78) Terphenyl-d14	13.19	244	1224872	78.76	ng	-0.03
Target Compounds						
9) Benzaldehyde	6.21	77	3292	Below Cal	#	6
19) n-Nitroso-di-n-propylamine	7.10	70	176983	4.35	ng	# 81
25) Isophorone	7.10	82	928119	34.80	ng	# 70
49) Dimethylphthalate	9.30	163	434298	17.38	ng	98
56) 2,4-Dinitrotoluene	9.56	165	40796	6.02	ng	# 6
66) 4-Bromophenyl-phenylether	10.35	248	23560	4.25	ng	# 1

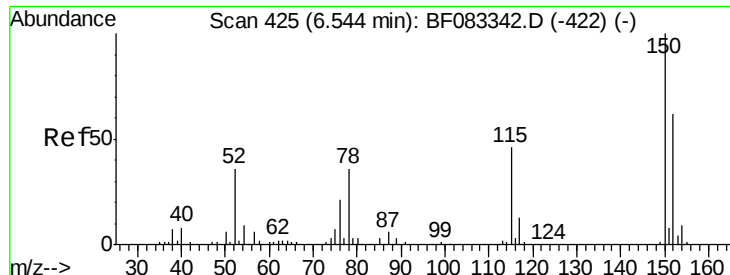
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.68 min Scan# 437

Delta R.T. 0.14 min

Lab File: BF083479.D

Acq: 4 Dec 2015 00:53

Instrument :

BNA_F

ClientSampleId :

SB-03

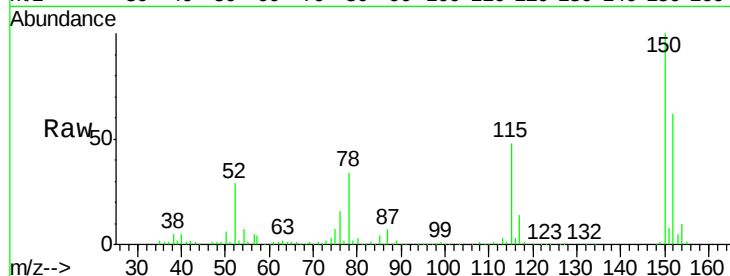
Tgt Ion:152 Resp: 624604

Ion Ratio Lower Upper

152 100

150 160.7 129.8 194.8

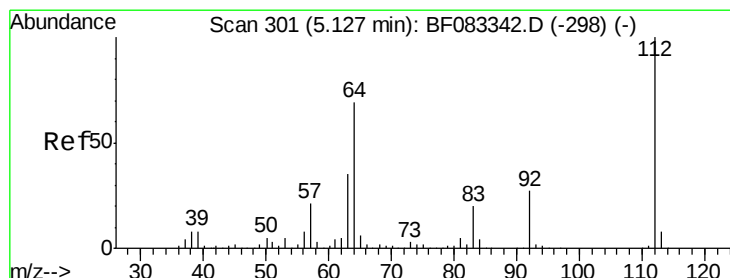
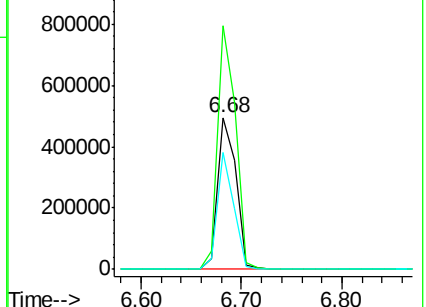
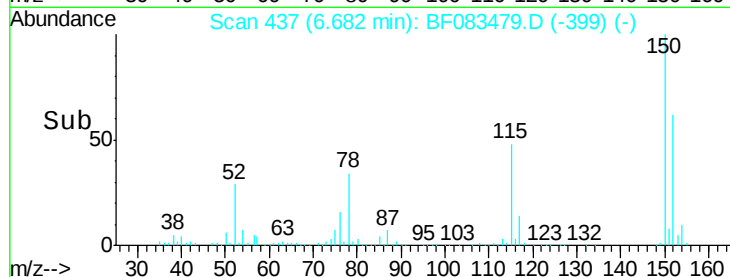
115 76.7 59.2 88.8



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: 37.98 ng

RT: 5.13 min Scan# 301

Delta R.T. 0.00 min

Lab File: BF083479.D

Acq: 4 Dec 2015 00:53

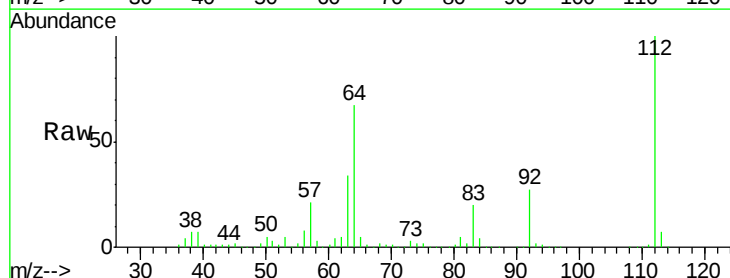
Tgt Ion:112 Resp: 1581077

Ion Ratio Lower Upper

112 100

64 66.8 55.6 83.4

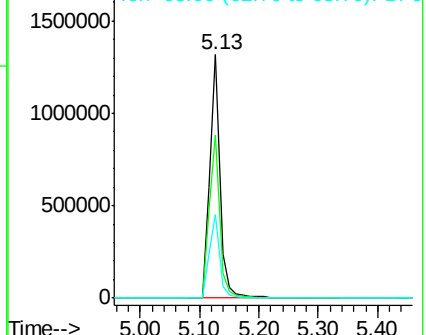
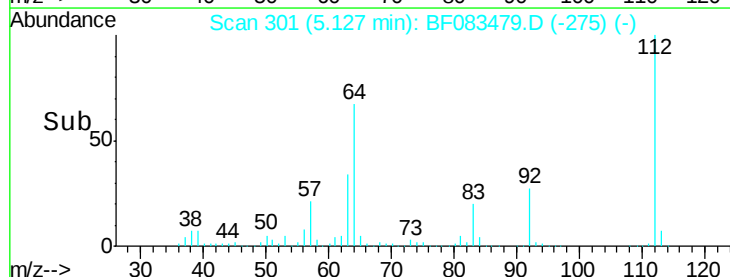
63 34.1 28.2 42.2

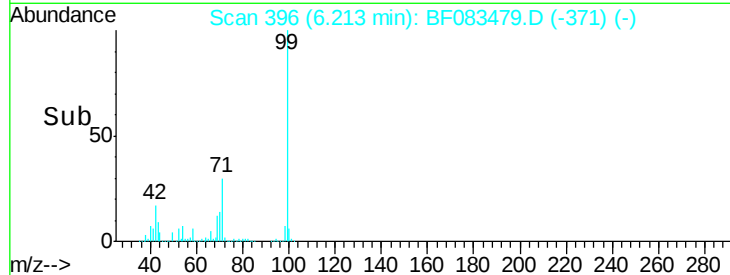
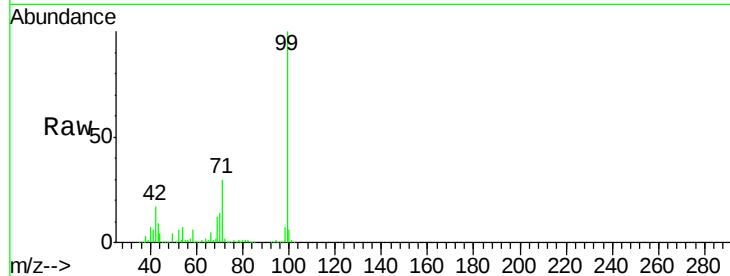


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 38.16 ng

RT: 6.21 min Scan# 396

Delta R.T. -0.01 min

Lab File: BF083479.D

Acq: 4 Dec 2015 00:53

Instrument :

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SB-03

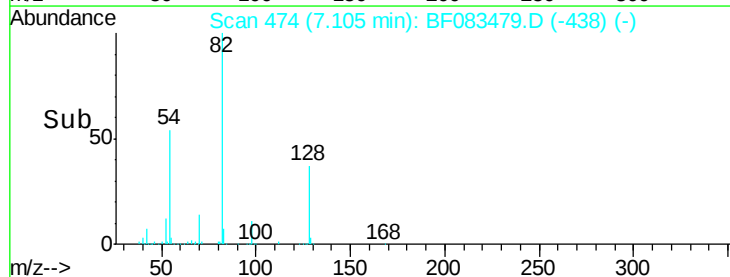
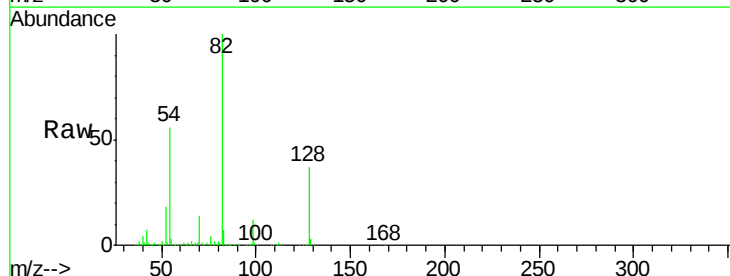
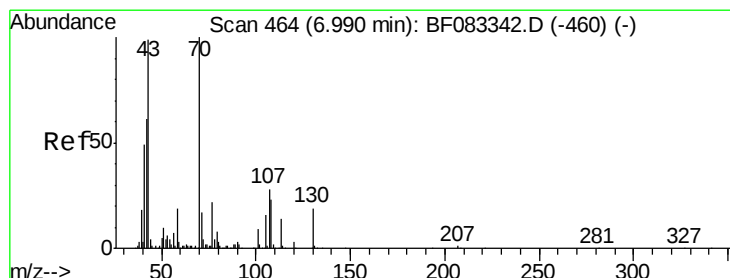
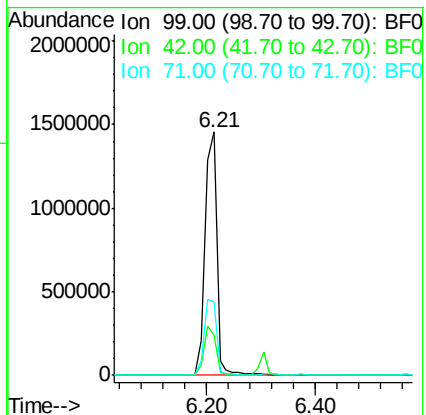
Tgt Ion: 99 Resp: 2173917

Ion Ratio Lower Upper

99 100

42 16.7 14.9 22.3

71 30.1 24.7 37.1



#19

n-Nitroso-di-n-propylamine

Concen: 4.35 ng

RT: 7.10 min Scan# 474

Delta R.T. 0.11 min

Lab File: BF083479.D

Acq: 4 Dec 2015 00:53

Tgt Ion: 70 Resp: 176983

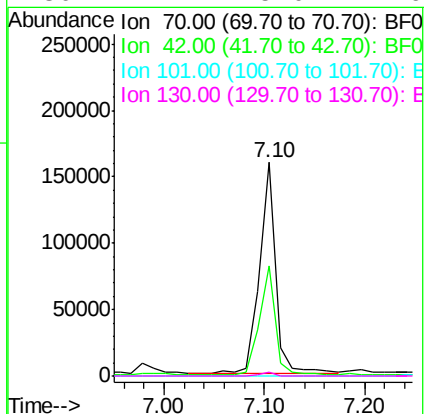
Ion Ratio Lower Upper

70 100

42 51.7 48.8 73.2

101 0.0 7.1 10.7#

130 1.7 15.0 22.6#

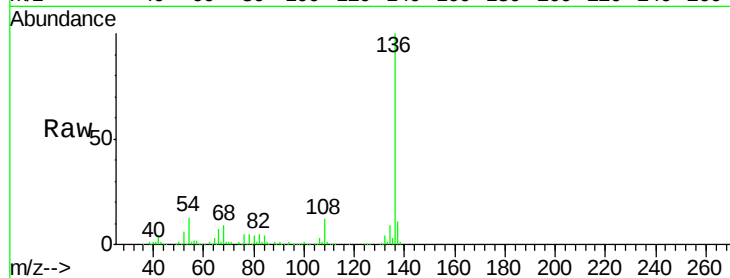




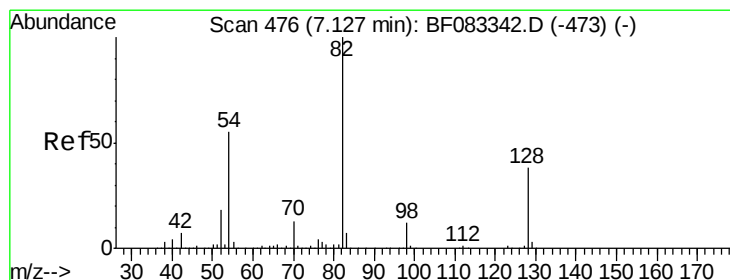
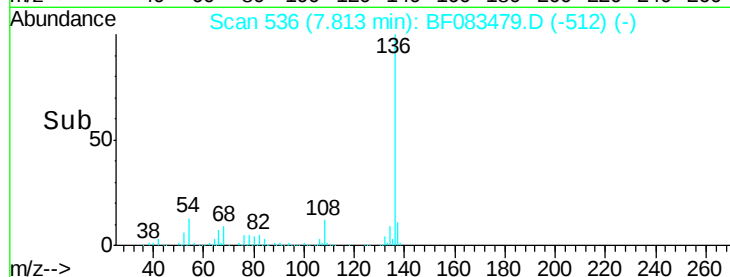
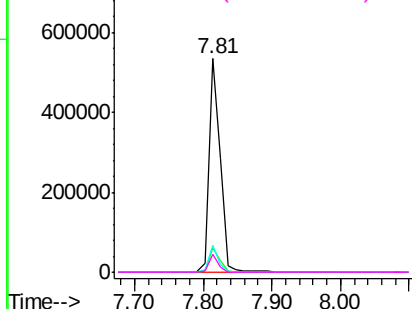
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.81 min Scan# 536
Delta R.T. -0.02 min
Lab File: BF083479.D
Acq: 4 Dec 2015 00:53

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:	136	Resp:	605223
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.4
54	12.8	10.1	15.1
68	8.7	7.1	10.7

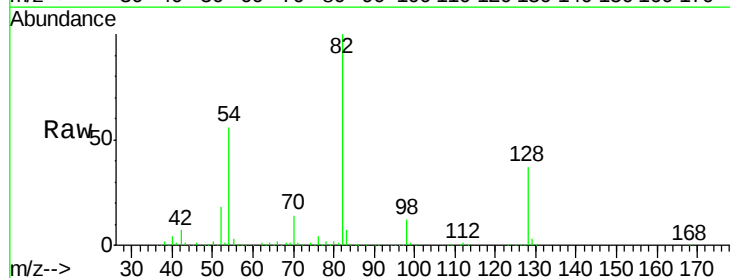


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

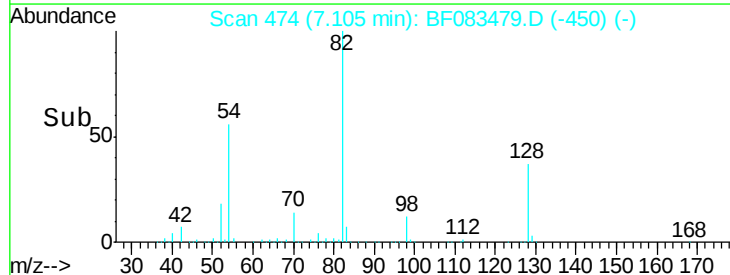
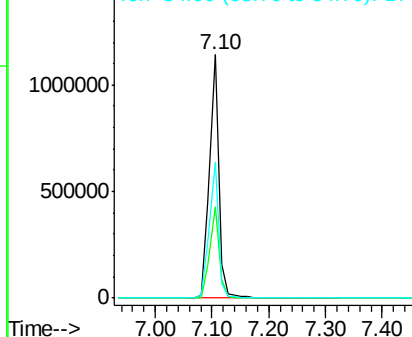


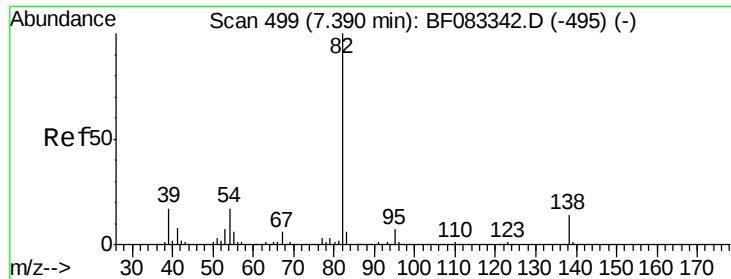
#23
Nitrobenzene-d5
Concen: 91.19 ng
RT: 7.10 min Scan# 474
Delta R.T. -0.02 min
Lab File: BF083479.D
Acq: 4 Dec 2015 00:53

Tgt Ion:	82	Resp:	1255510
Ion	Ratio	Lower	Upper
82	100		
128	37.4	30.6	46.0
54	55.7	43.8	65.6



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

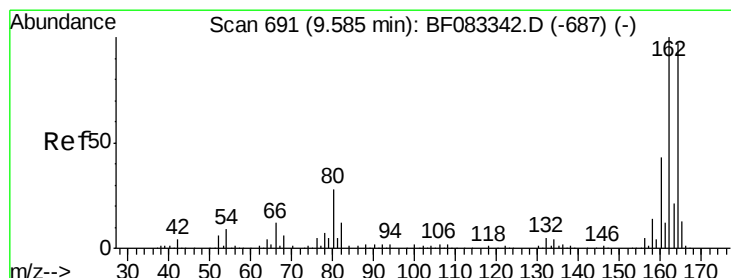
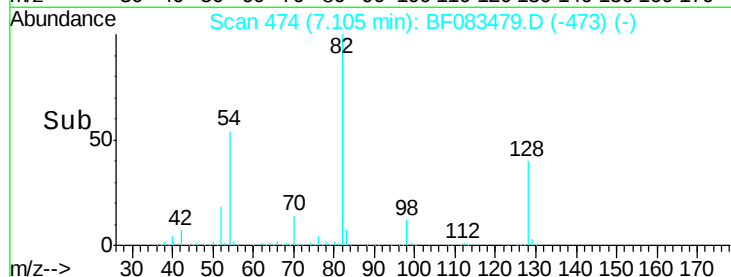
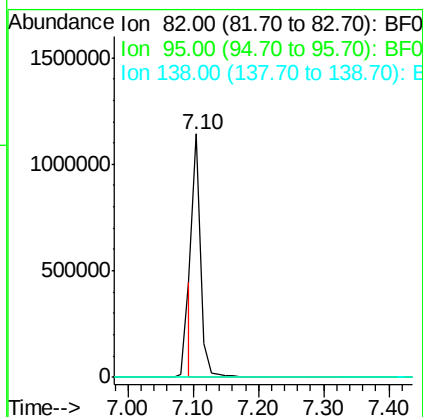
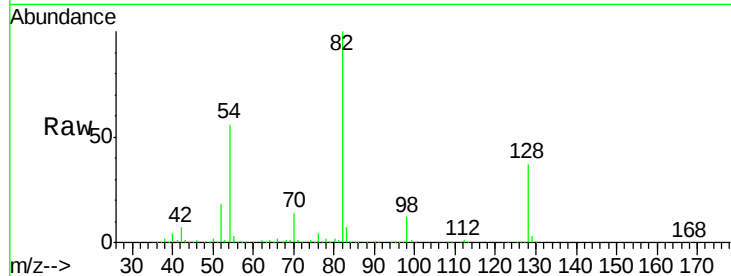




#25
Isophorone
Concen: 34.80 ng
RT: 7.10 min Scan# 474
Delta R.T. -0.29 min
Lab File: BF083479.D
Acq: 4 Dec 2015 00:53

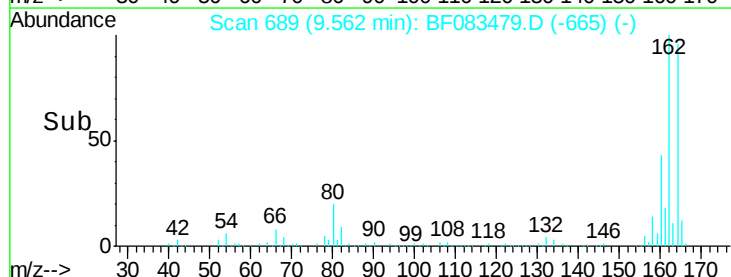
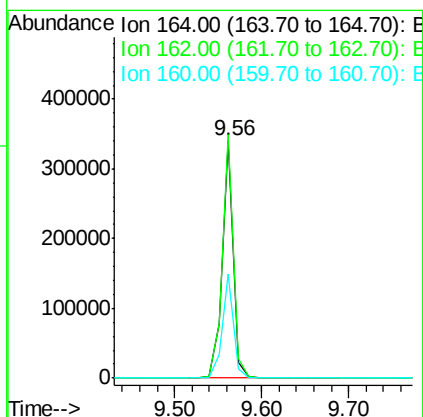
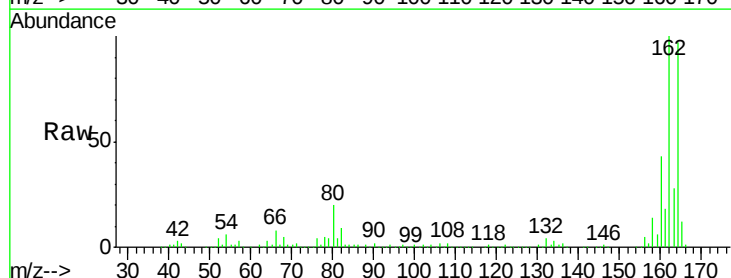
Instrument :
BNA_F
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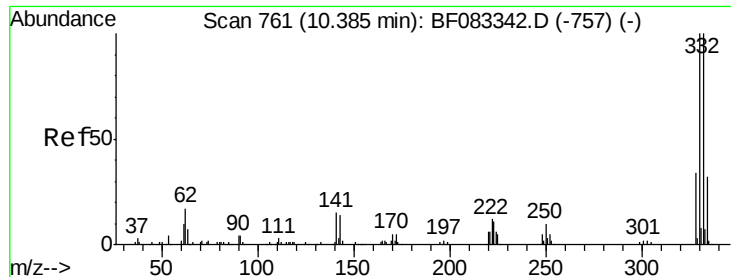
Tgt Ion: 82 Resp: 928119
Ion Ratio Lower Upper
82 100
95 0.1 5.3 7.9#
138 0.0 11.6 17.4#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.56 min Scan# 689
Delta R.T. -0.02 min
Lab File: BF083479.D
Acq: 4 Dec 2015 00:53

Tgt Ion: 164 Resp: 307548
Ion Ratio Lower Upper
164 100
162 102.6 82.6 123.8
160 43.7 35.3 52.9

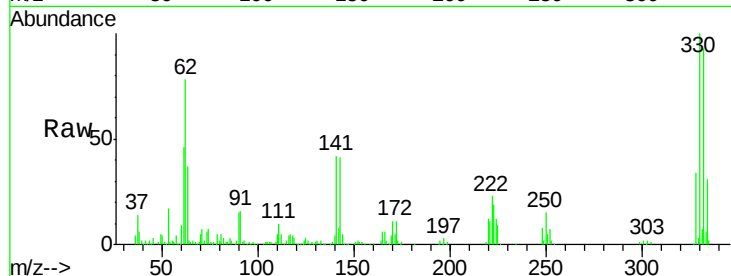




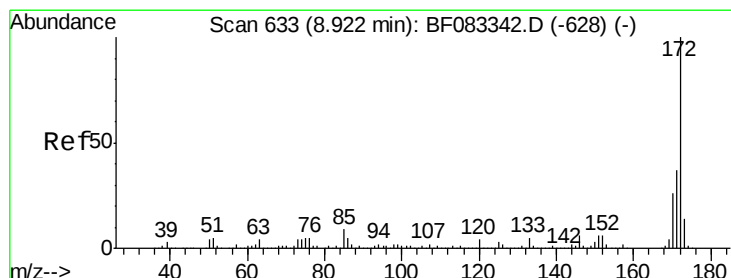
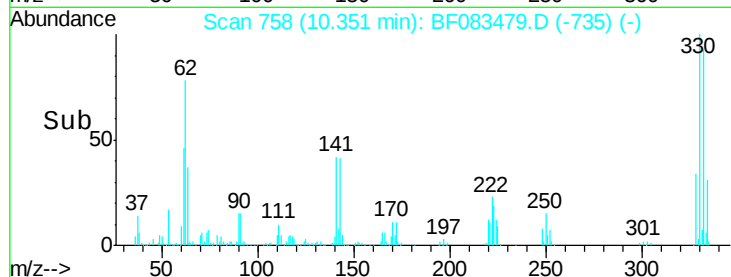
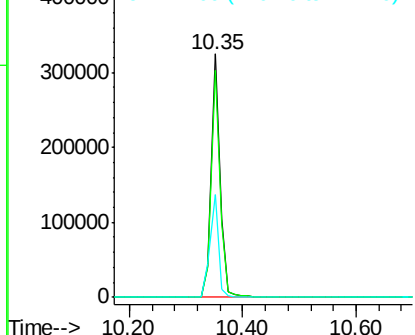
#41
 2,4,6-Tribromophenol
 Concen: 109.65 ng
 RT: 10.35 min Scan# 758
 Delta R.T. -0.03 min
 Lab File: BF083479.D
 Acq: 4 Dec 2015 00:53

Instrument :
 BNA_F
 ClientSampleId :
 SB-03

Tgt Ion	Ratio	Lower	Upper
330	100		
332	93.8	77.8	116.6
141	41.4	29.4	44.0

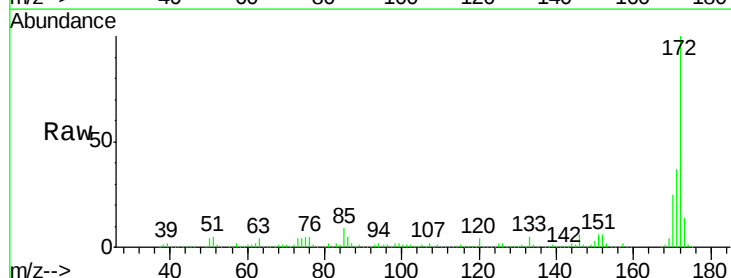


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

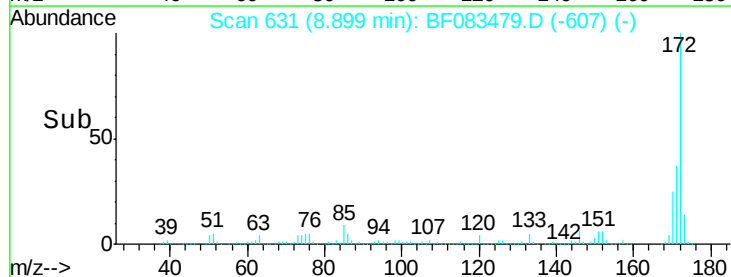
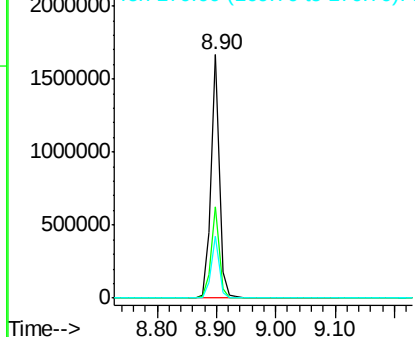


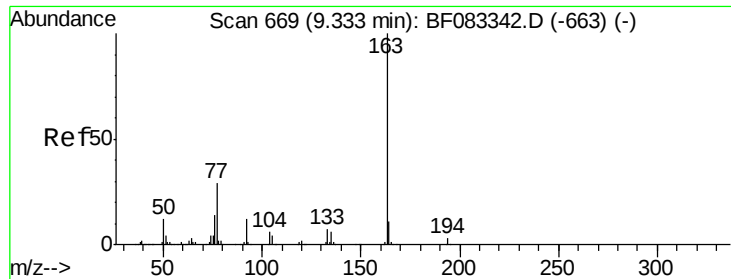
#44
 2-Fluorobiphenyl
 Concen: 75.51 ng
 RT: 8.90 min Scan# 631
 Delta R.T. -0.02 min
 Lab File: BF083479.D
 Acq: 4 Dec 2015 00:53

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.3	29.4	44.0
170	25.3	20.4	30.6



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

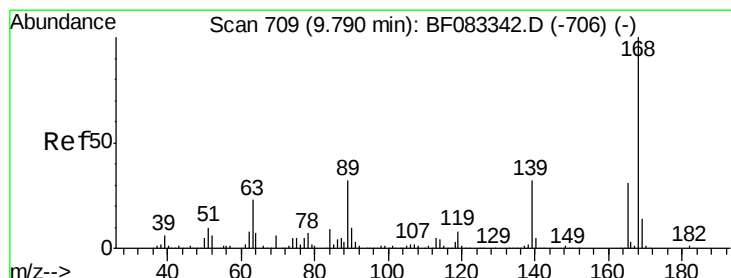
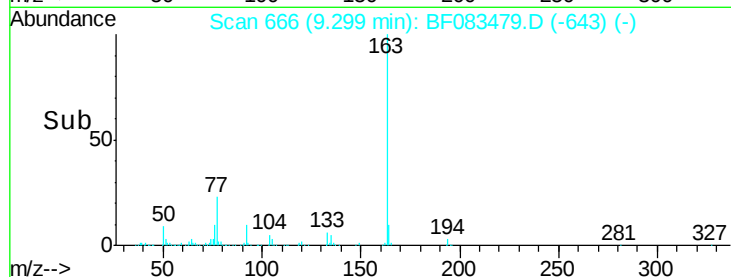
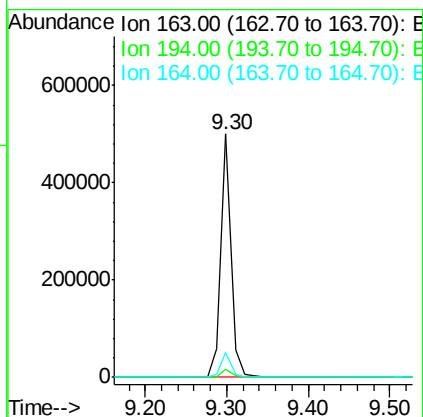
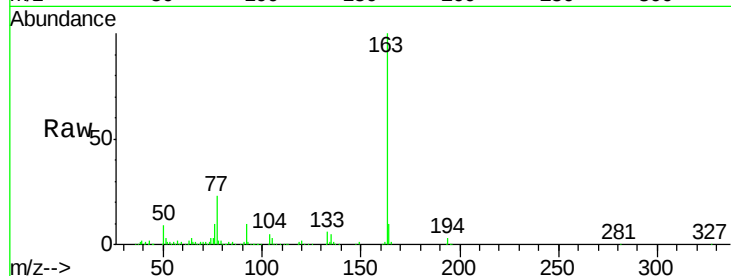




#49
Dimethylphthalate
Concen: 17.38 ng
RT: 9.30 min Scan# 666
Delta R.T. -0.03 min
Lab File: BF083479.D
Acq: 4 Dec 2015 00:53

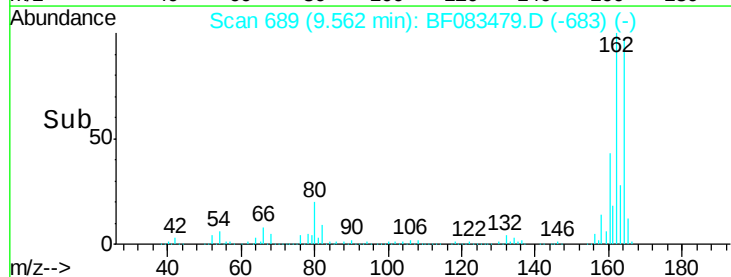
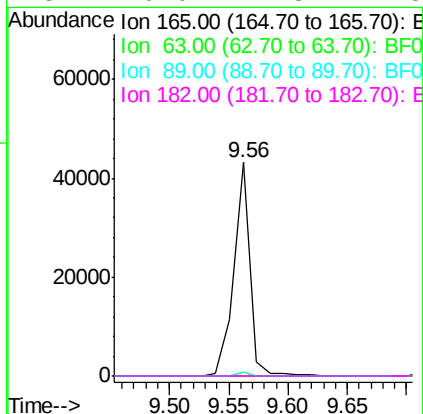
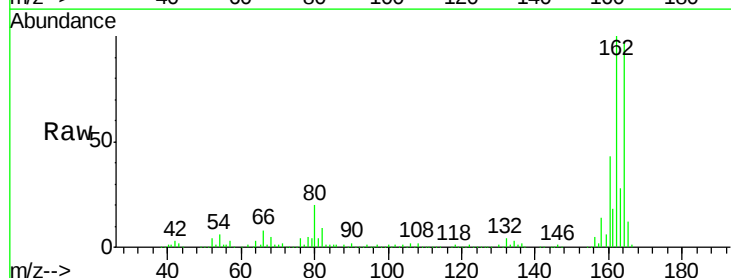
Instrument :
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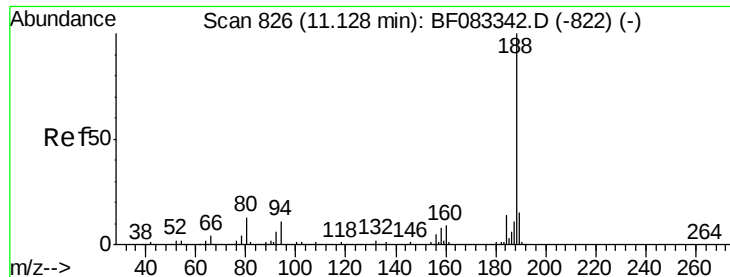
Tgt Ion:163 Resp: 434298
Ion Ratio Lower Upper
163 100
194 3.3 2.7 4.1
164 10.0 8.8 13.2



#56
2,4-Dinitrotoluene
Concen: 6.02 ng
RT: 9.56 min Scan# 689
Delta R.T. -0.23 min
Lab File: BF083479.D
Acq: 4 Dec 2015 00:53

Tgt Ion:165 Resp: 40796
Ion Ratio Lower Upper
165 100
63 1.9 65.4 98.0#
89 1.8 81.2 121.8#
182 0.0 1.8 2.8#

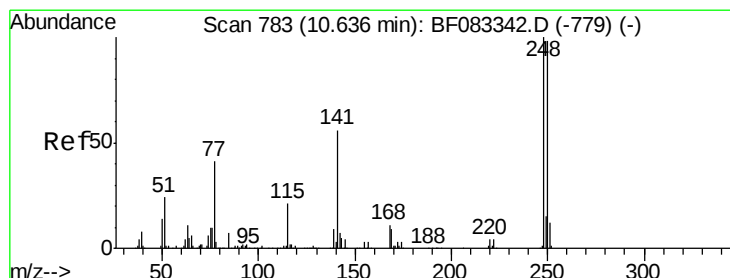
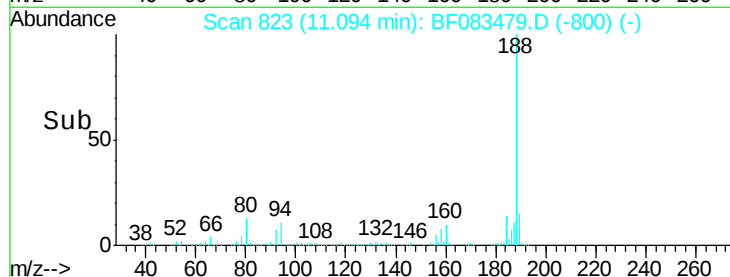
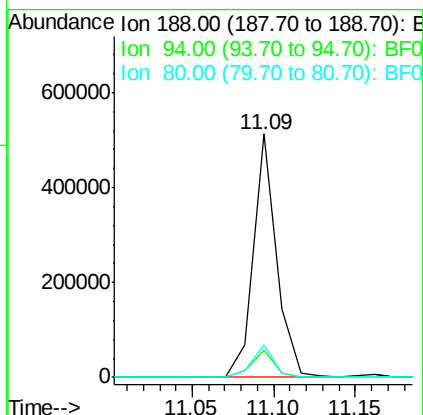
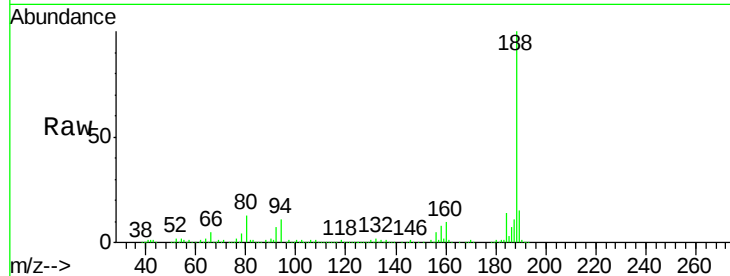




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.09 min Scan# 823
Delta R.T. -0.03 min
Lab File: BF083479.D
Acq: 4 Dec 2015 00:53

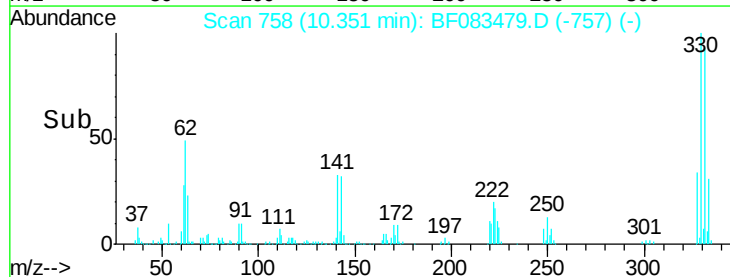
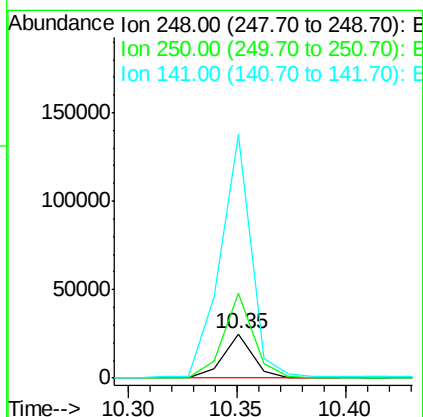
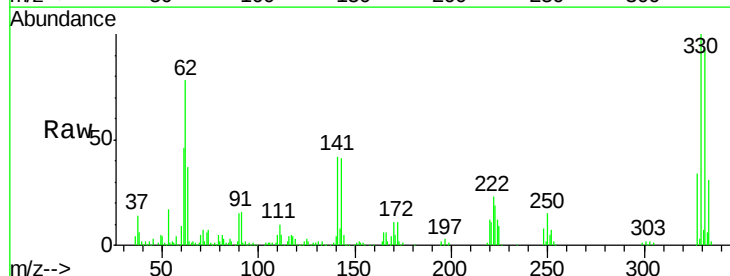
Instrument :
BNA_F
ClientSampleId :
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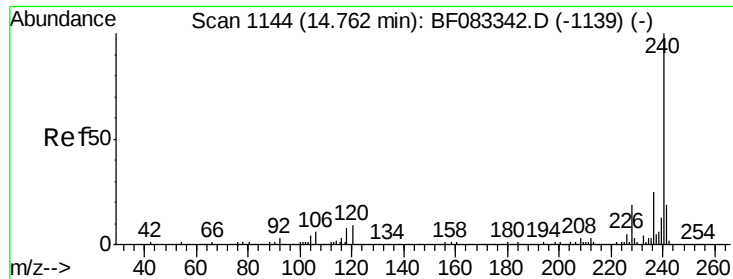
Tgt Ion:188 Resp: 507271
Ion Ratio Lower Upper
188 100
94 11.1 8.7 13.1
80 13.2 10.3 15.5



#66
4-Bromophenyl-phenylether
Concen: 4.25 ng
RT: 10.35 min Scan# 758
Delta R.T. -0.29 min
Lab File: BF083479.D
Acq: 4 Dec 2015 00:53

Tgt Ion:248 Resp: 23560
Ion Ratio Lower Upper
248 100
250 191.1 78.6 118.0#
141 550.6 44.4 66.6#

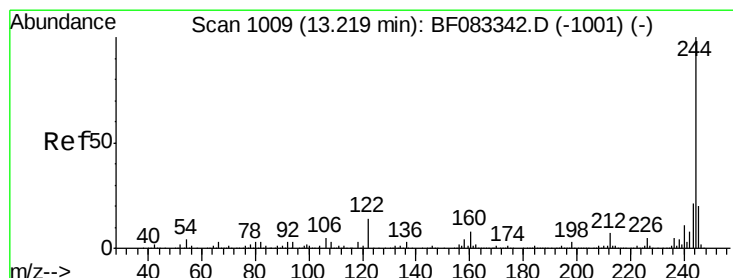
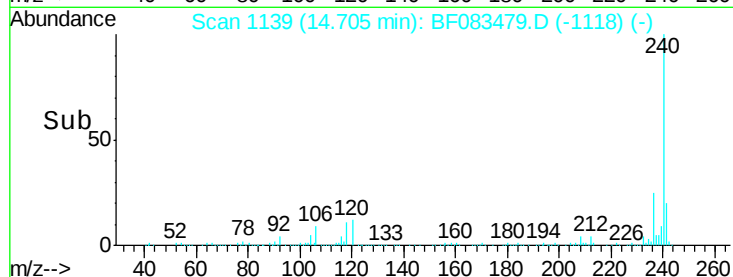
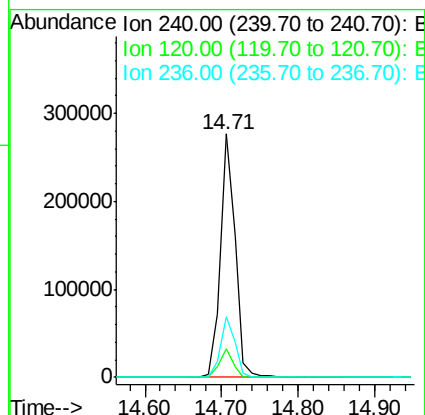
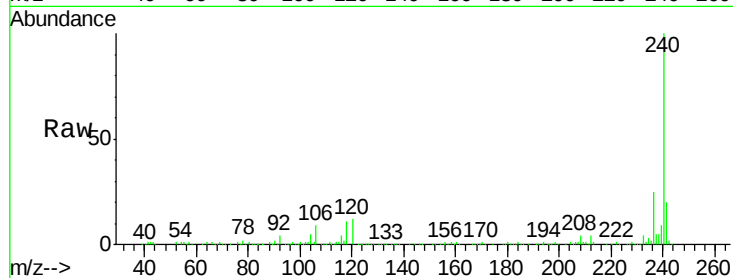




#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.71 min Scan# 1139
Delta R.T. -0.06 min
Lab File: BF083479.D
Acq: 4 Dec 2015 00:53

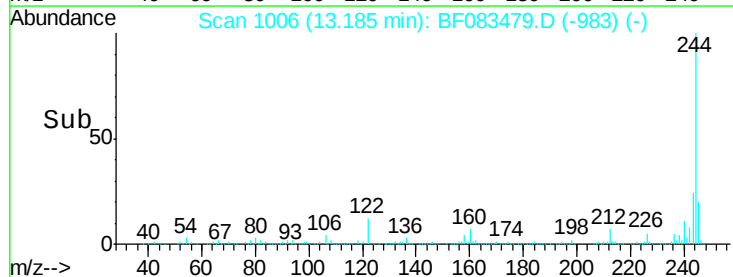
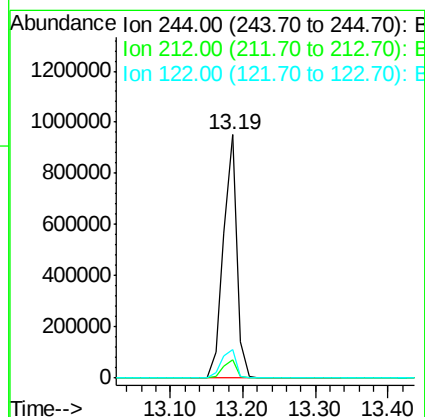
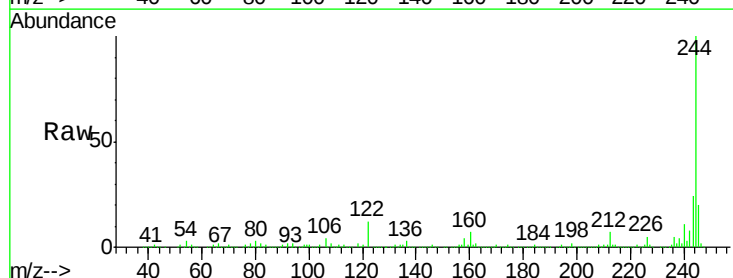
Instrument :
BNA_F
ClientSampleId :
SB-03

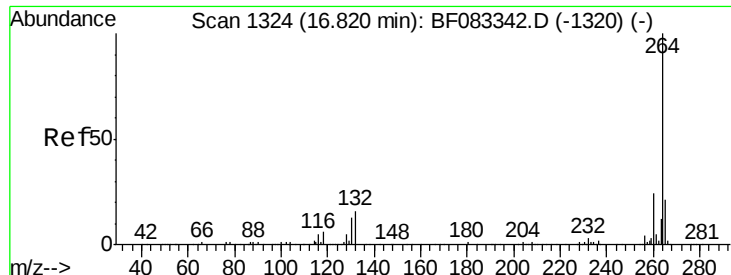
Tgt Ion:240 Resp: 370894
Ion Ratio Lower Upper
240 100
120 11.9 6.9 10.3#
236 25.0 19.8 29.6



#78
Terphenyl-d14
Concen: 78.76 ng
RT: 13.19 min Scan# 1006
Delta R.T. -0.03 min
Lab File: BF083479.D
Acq: 4 Dec 2015 00:53

Tgt Ion:244 Resp: 1224872
Ion Ratio Lower Upper
244 100
212 7.5 5.8 8.8
122 11.6 11.0 16.4





#86
Perylene-d12
Concen: 20.00 ng
RT: 16.77 min Scan# 1320
Delta R.T. -0.05 min
Lab File: BF083479.D
Acq: 4 Dec 2015 00:53

Instrument :
BNA_F
ClientSampleId :
SB-03

Tgt Ion: 264 Resp: 327561
Ion Ratio Lower Upper
264 100
260 24.3 19.0 28.4
265 21.5 16.8 25.2

