

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121415\
 Data File : BF083795.D
 Acq On : 15 Dec 2015 3:33
 Operator : UM/IZ
 Sample : G4779-10
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-29

Quant Time: Dec 15 06:13:52 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 14 01:30:12 2015
 Response via : Initial Calibration

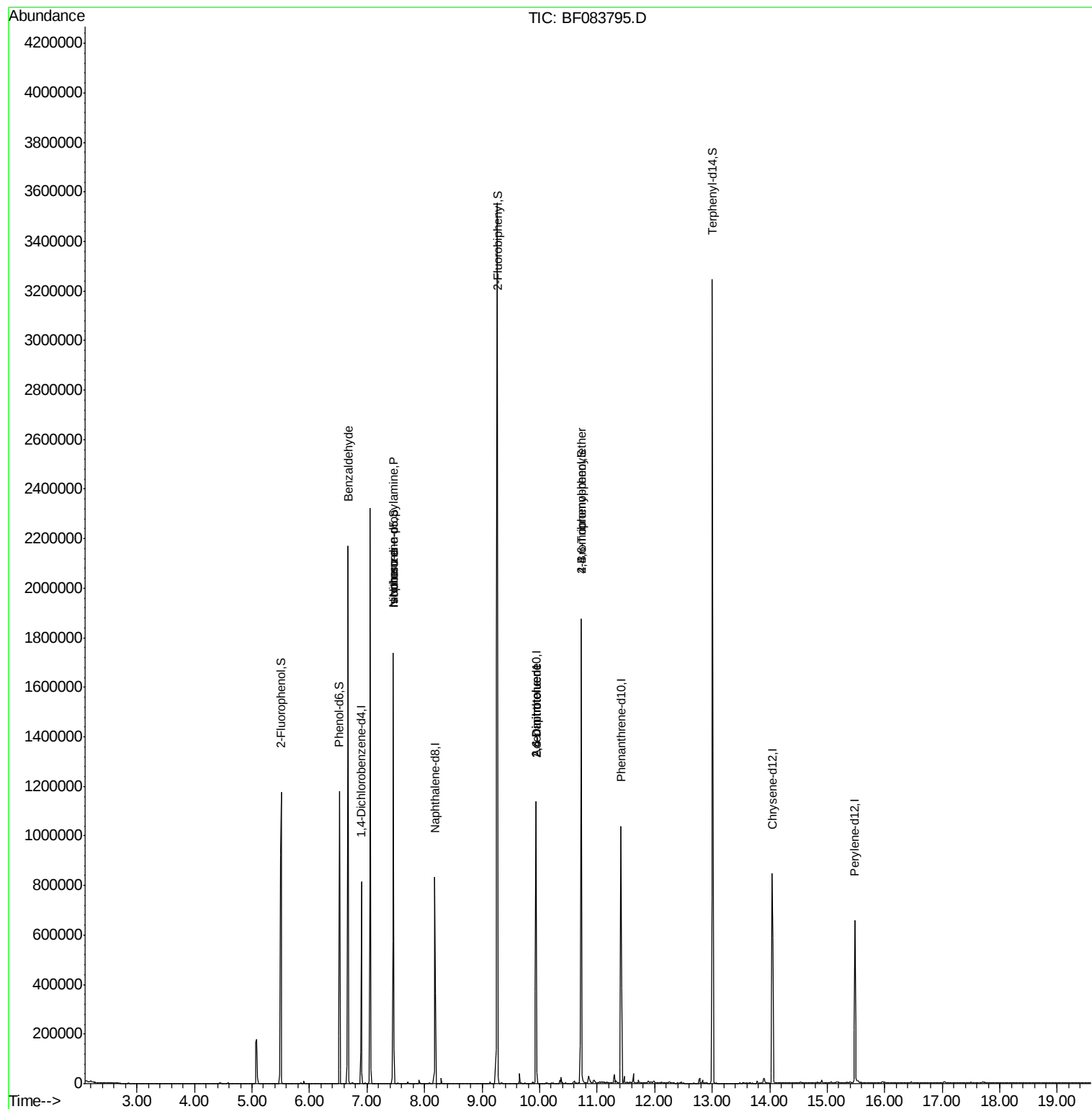
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	114822	20.00	ng	-0.02
21) Naphthalene-d8	8.18	136	434674	20.00	ng	-0.03
38) Acenaphthene-d10	9.94	164	231990	20.00	ng	-0.02
63) Phenanthrene-d10	11.41	188	402225	20.00	ng	-0.03
75) Chrysene-d12	14.04	240	366039	20.00	ng	-0.03
86) Perylene-d12	15.48	264	288279	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	457921	64.34	ng	-0.02
7) Phenol-d6	6.52	99	371868	41.26	ng	-0.02
23) Nitrobenzene-d5	7.46	82	592720	76.29	ng	-0.02
41) 2,4,6-Tribromophenol	10.73	330	321911	136.18	ng	-0.02
44) 2-Fluorobiphenyl	9.26	172	1251062	76.72	ng	-0.02
78) Terphenyl-d14	13.00	244	1230912	72.34	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.67	77	16533	3.42	ng	Qvalue 97
19) n-Nitroso-di-n-propylamine	7.46	70	80937	14.66	ng	# 71
25) Isophorone	7.46	82	587459	38.54	ng	# 69
50) 2,6-Dinitrotoluene	9.94	165	29979	7.81	ng	# 18
56) 2,4-Dinitrotoluene	9.94	165	29982	5.98	ng	# 12
66) 4-Bromophenyl-phenylether	10.73	248	22186	4.93	ng	# 1

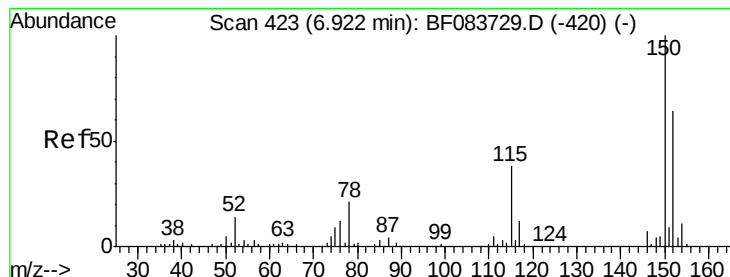
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Dec 14 01:30:12 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.90 min Scan# 421

Delta R.T. -0.02 min

Lab File: BF083795.D

Acq: 15 Dec 2015 3:33

Instrument :

BNA_F

ClientSampleId :

W-29

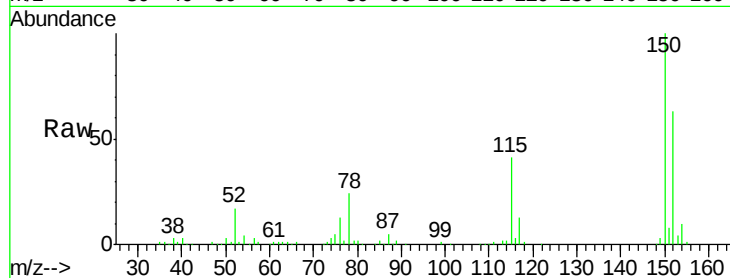
Tgt Ion:152 Resp: 114822

Ion Ratio Lower Upper

152 100

150 159.9 126.5 189.7

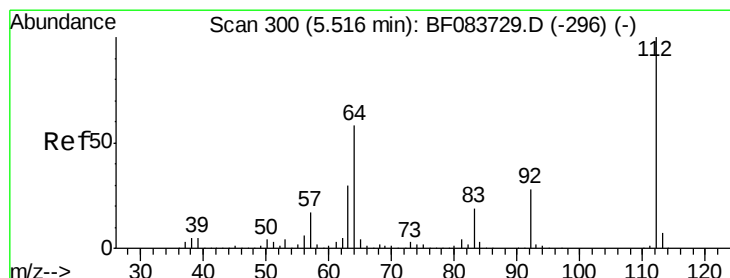
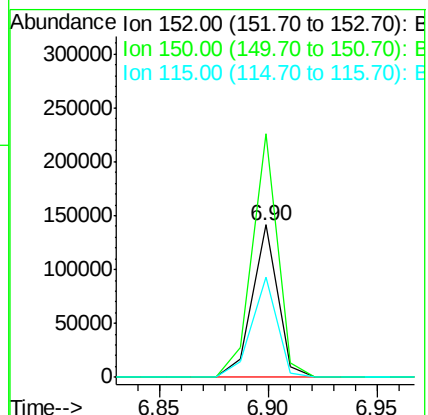
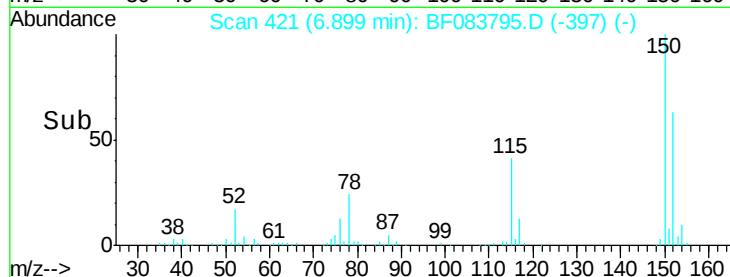
115 65.6 52.3 78.5



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: 64.34 ng

RT: 5.50 min Scan# 299

Delta R.T. -0.02 min

Lab File: BF083795.D

Acq: 15 Dec 2015 3:33

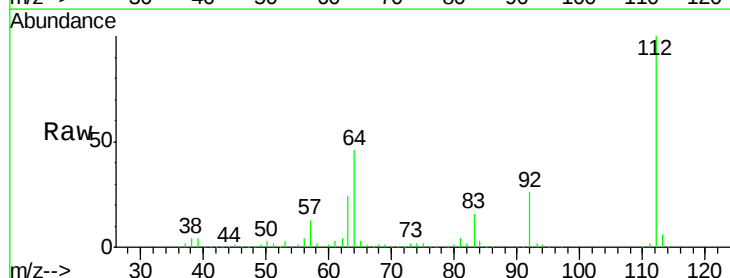
Tgt Ion:112 Resp: 457921

Ion Ratio Lower Upper

112 100

64 46.1 50.5 75.7#

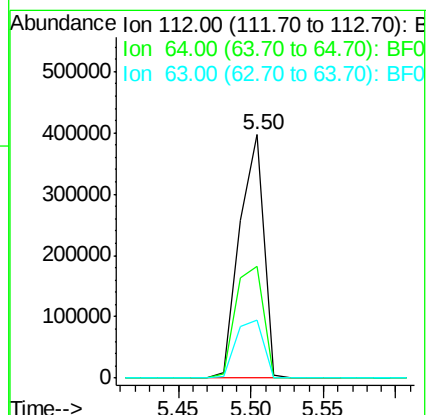
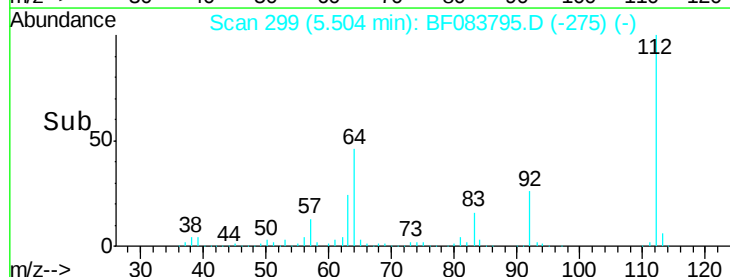
63 23.7 25.8 38.6#



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: 41.26 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.02 min

Lab File: BF083795.D

Acq: 15 Dec 2015 3:33

Instrument :

BNA_F

ClientSampleId :

W-29

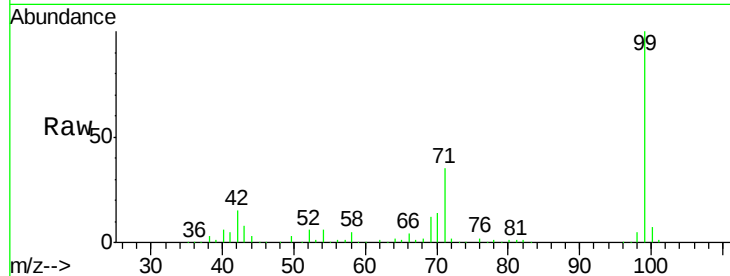
Tgt Ion: 99 Resp: 371868

Ion Ratio Lower Upper

99 100

42 15.4 17.3 25.9#

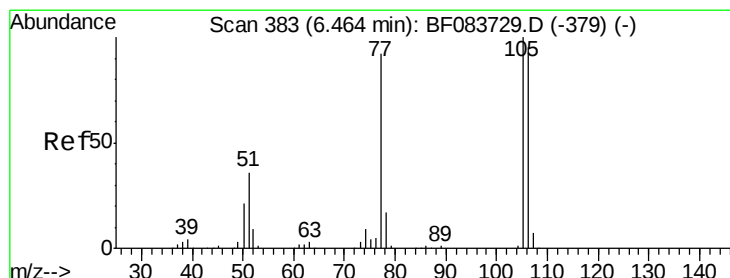
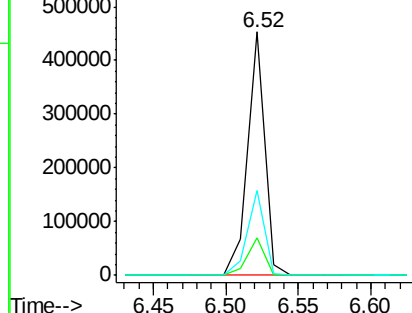
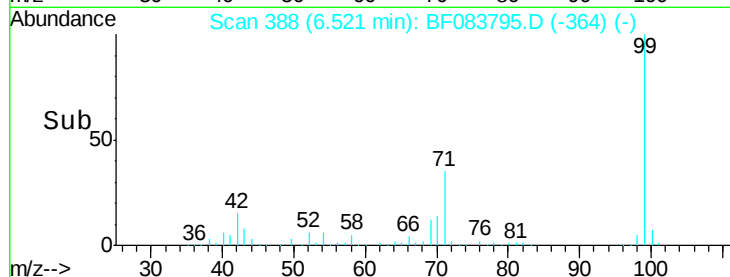
71 34.7 26.6 40.0



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



#9

Benzaldehyde

Concen: 3.42 ng

RT: 6.67 min Scan# 401

Delta R.T. 0.21 min

Lab File: BF083795.D

Acq: 15 Dec 2015 3:33

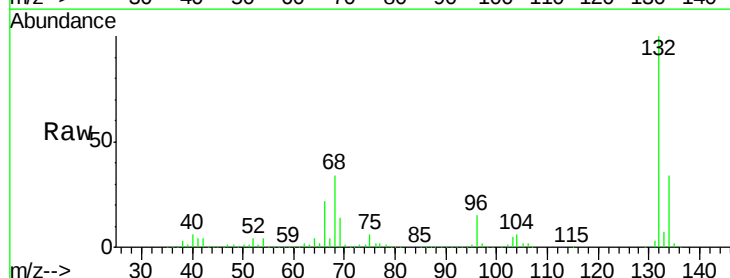
Tgt Ion: 77 Resp: 16533

Ion Ratio Lower Upper

77 100

105 91.7 71.8 111.8

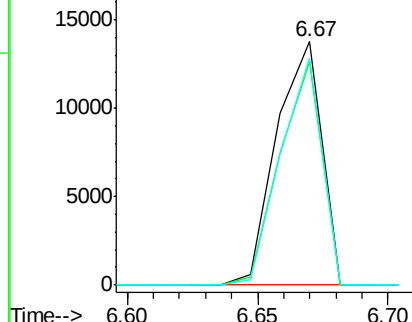
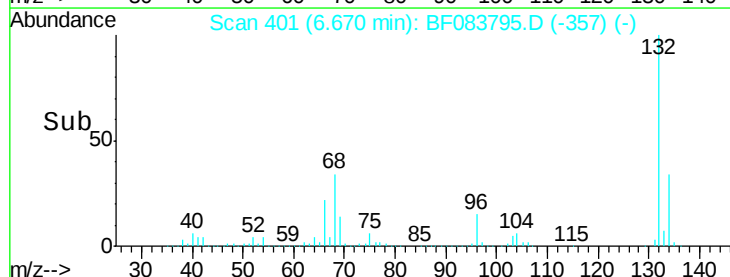
106 93.0 66.8 106.8

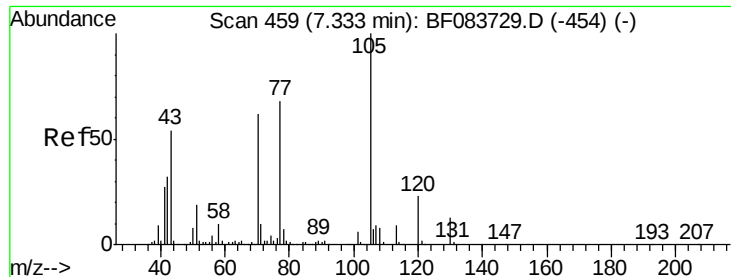


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

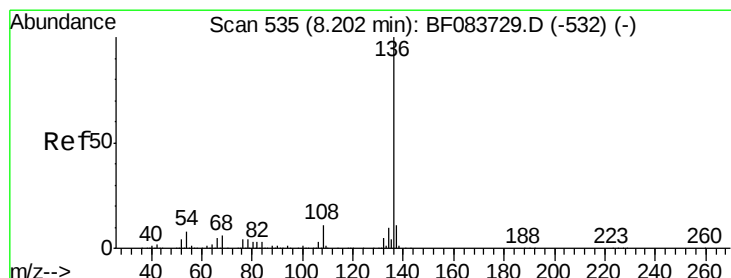
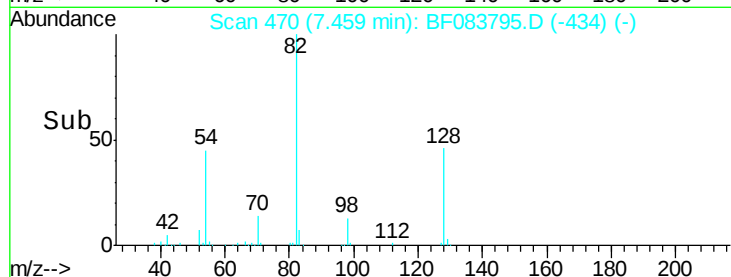
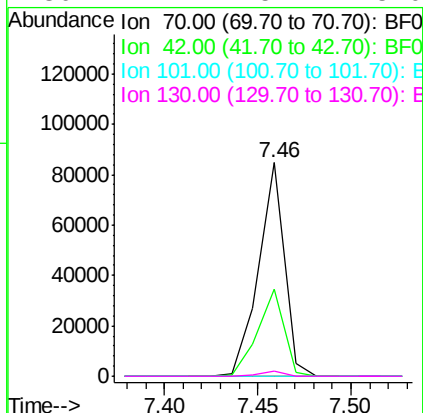
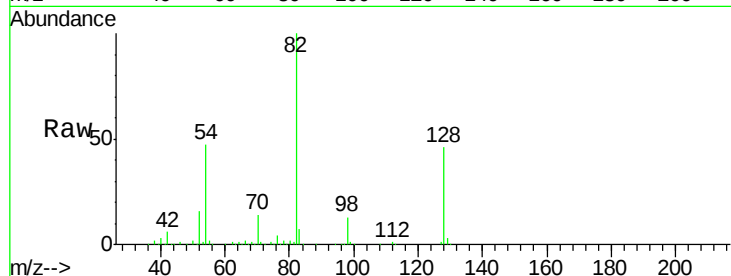




#19
n-Nitroso-di-n-propylamine
Concen: 14.66 ng
RT: 7.46 min Scan# 470
Delta R.T. 0.11 min
Lab File: BF083795.D
Acq: 15 Dec 2015 3:33

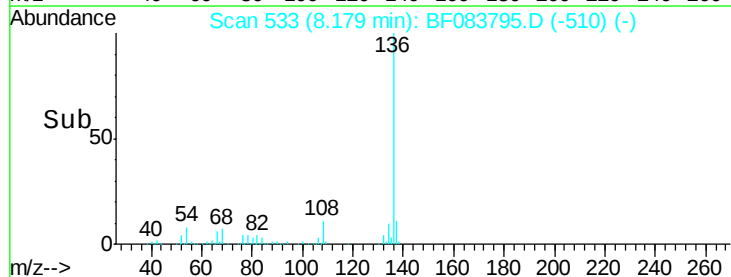
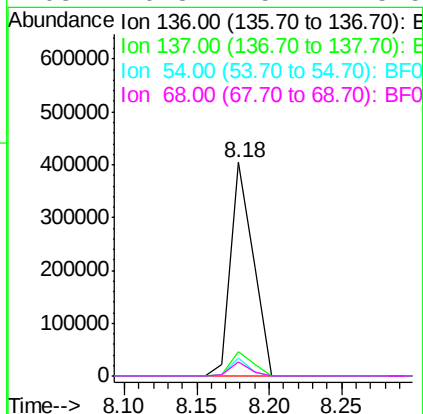
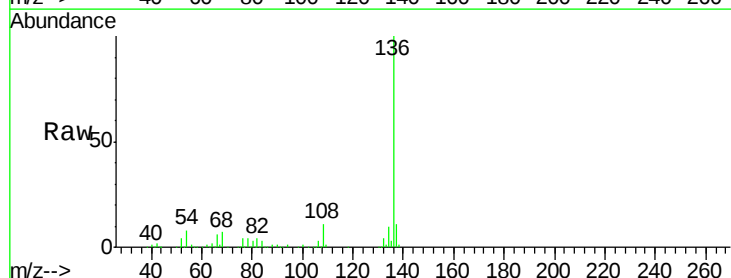
Instrument :
BNA_F
ClientSampleId :
W-29

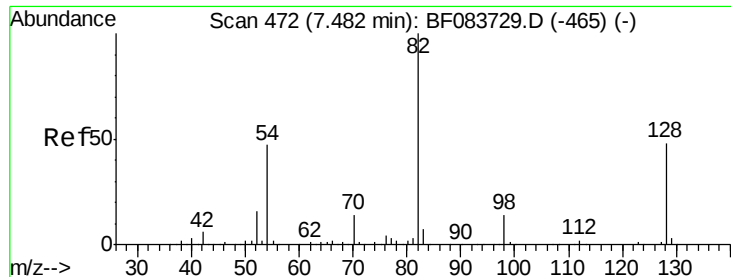
Tgt Ion: 70 Resp: 80937
Ion Ratio Lower Upper
70 100
42 40.8 49.2 73.8#
101 0.0 7.1 10.7#
130 2.2 15.4 23.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.18 min Scan# 533
Delta R.T. -0.03 min
Lab File: BF083795.D
Acq: 15 Dec 2015 3:33

Tgt Ion: 136 Resp: 434674
Ion Ratio Lower Upper
136 100
137 11.2 8.7 13.1
54 8.4 7.8 11.6
68 6.8 5.7 8.5

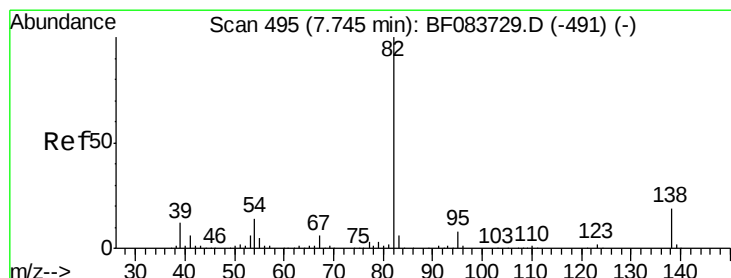
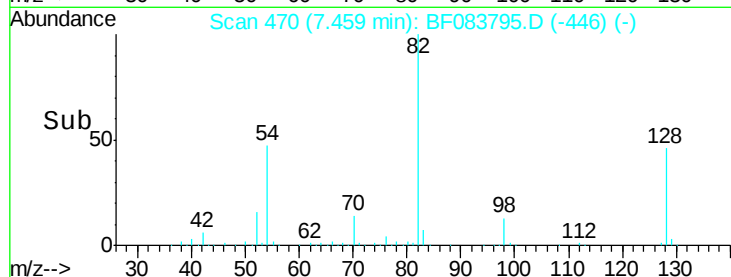
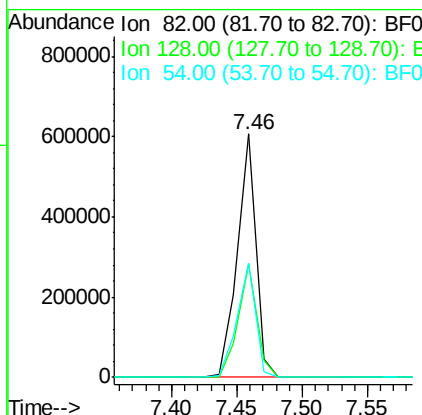
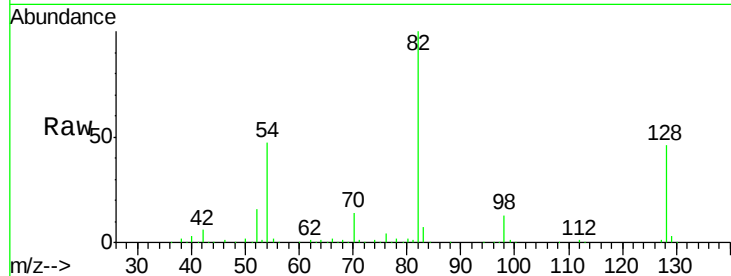




#23
 Nitrobenzene-d5
 Concen: 76.29 ng
 RT: 7.46 min Scan# 470
 Delta R.T. -0.02 min
 Lab File: BF083795.D
 Acq: 15 Dec 2015 3:33

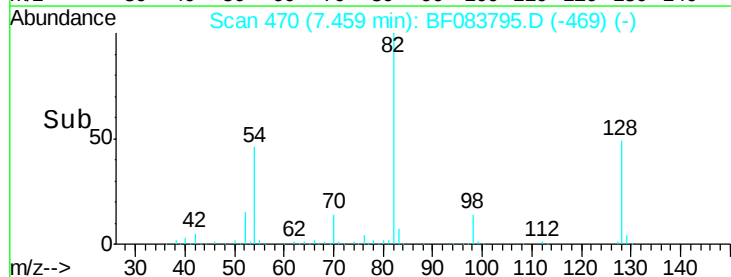
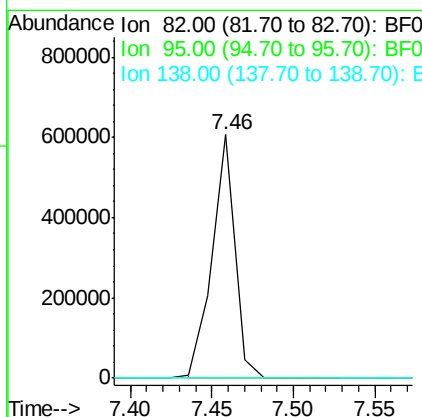
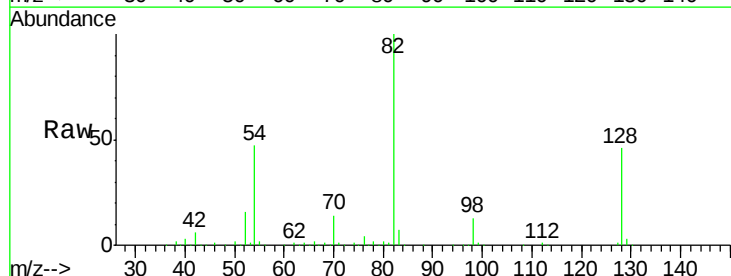
Instrument :
 BNA_F
 ClientSampleId :
 W-29

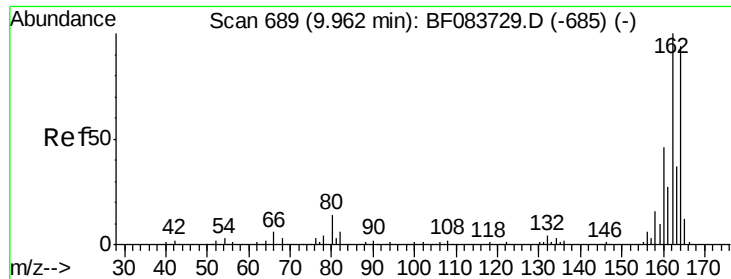
Tgt Ion	Ratio	Lower	Upper
82	100		
128	46.2	30.7	46.1#
54	47.2	42.5	63.7



#25
 Isophorone
 Concen: 38.54 ng
 RT: 7.46 min Scan# 470
 Delta R.T. -0.29 min
 Lab File: BF083795.D
 Acq: 15 Dec 2015 3:33

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.0	7.4#
138	0.0	12.1	18.1#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.94 min Scan# 687

Delta R.T. -0.02 min

Lab File: BF083795.D

Acq: 15 Dec 2015 3:33

Instrument :

BNA_F

ClientSampleId :

W-29

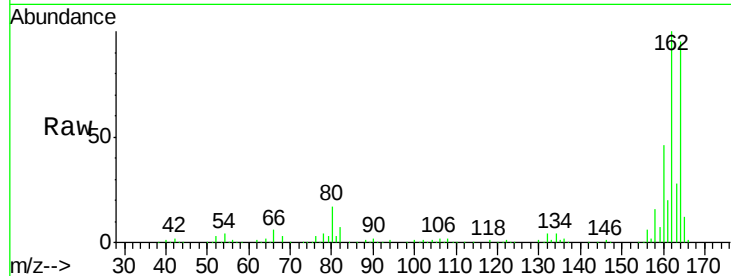
Tgt Ion:164 Resp: 231990

Ion Ratio Lower Upper

164 100

162 105.0 78.8 118.2

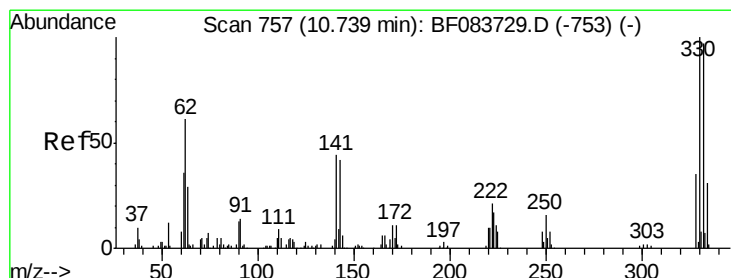
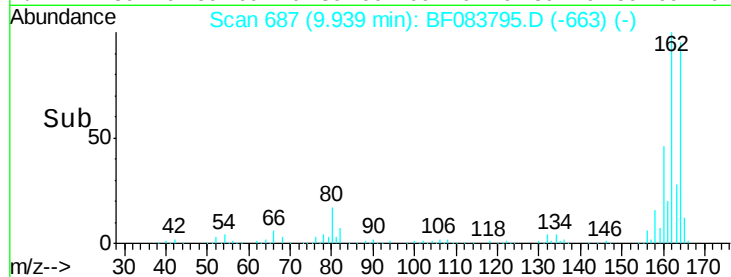
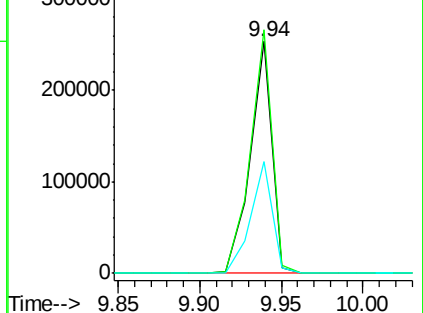
160 47.9 33.4 50.2



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: 136.18 ng

RT: 10.73 min Scan# 756

Delta R.T. -0.02 min

Lab File: BF083795.D

Acq: 15 Dec 2015 3:33

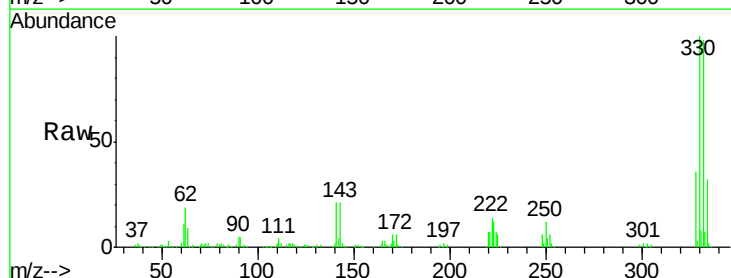
Tgt Ion:330 Resp: 321911

Ion Ratio Lower Upper

330 100

332 97.2 0.0 0.0#

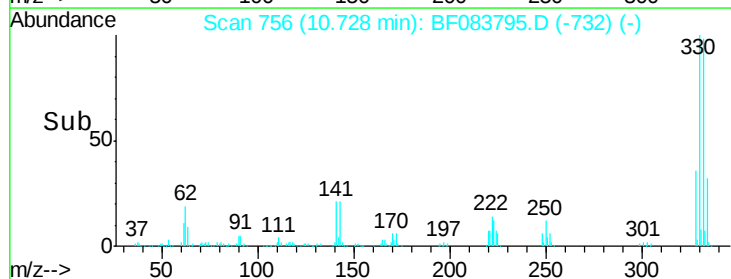
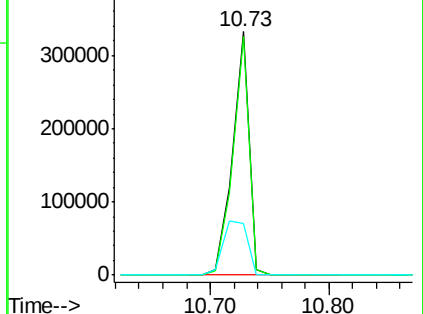
141 32.9 0.0 0.0#

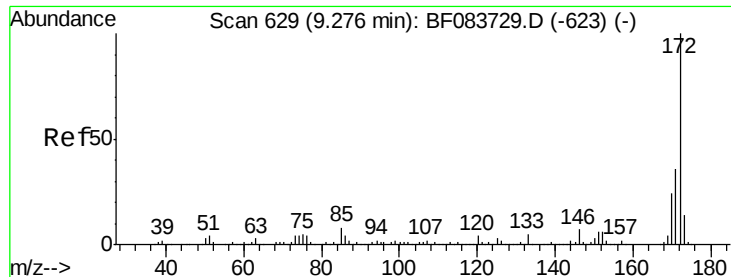


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

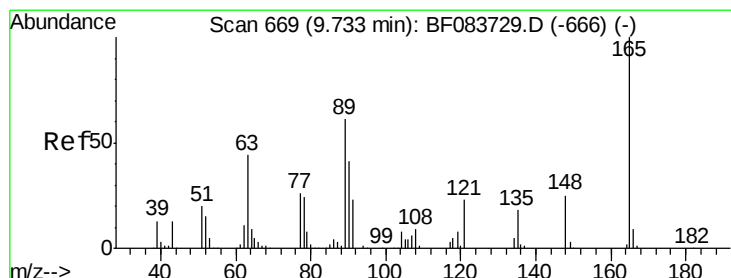
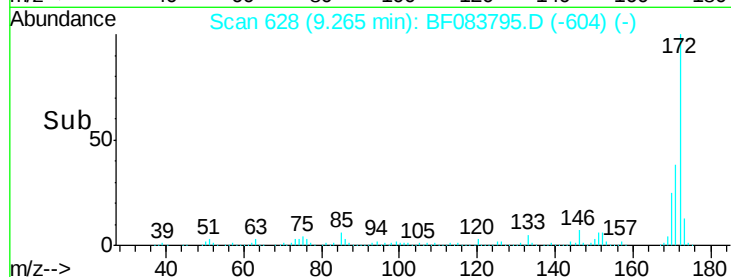
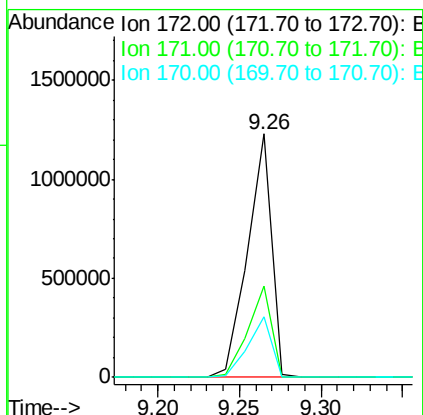
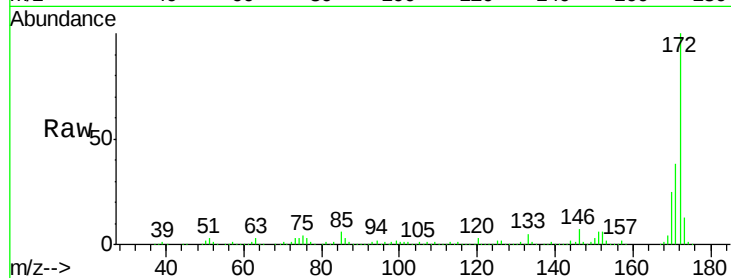




#44
 2-Fluorobiphenyl
 Concen: 76.72 ng
 RT: 9.26 min Scan# 628
 Delta R.T. -0.02 min
 Lab File: BF083795.D
 Acq: 15 Dec 2015 3:33

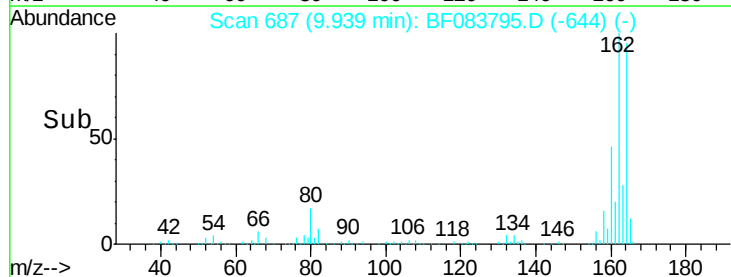
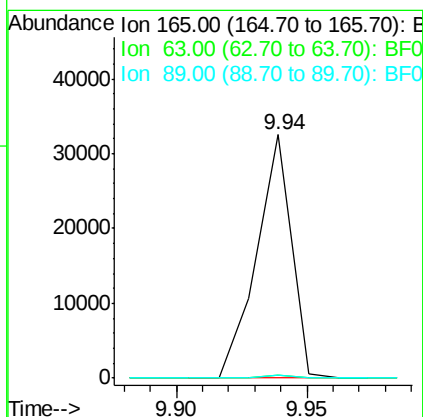
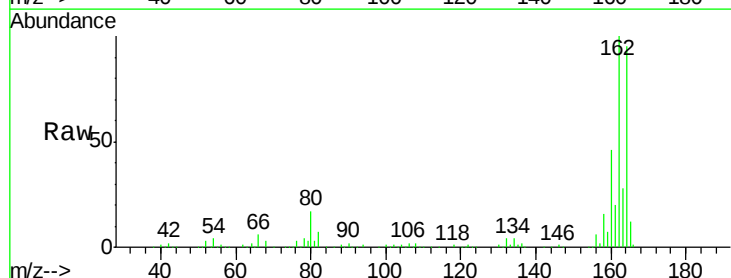
Instrument :
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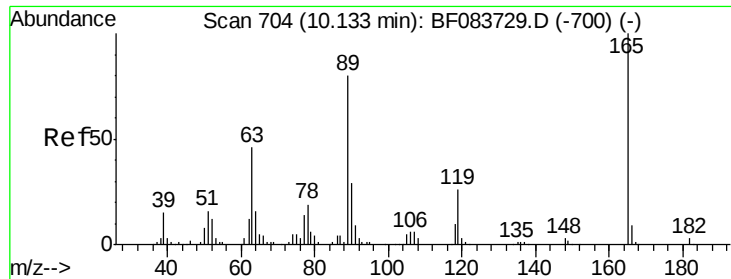
Tgt Ion:172 Resp: 1251062
 Ion Ratio Lower Upper
 172 100
 171 37.6 28.6 42.8
 170 24.7 19.4 29.0



#50
 2,6-Dinitrotoluene
 Concen: 7.81 ng
 RT: 9.94 min Scan# 687
 Delta R.T. 0.19 min
 Lab File: BF083795.D
 Acq: 15 Dec 2015 3:33

Tgt Ion:165 Resp: 29979
 Ion Ratio Lower Upper
 165 100
 63 1.5 56.9 85.3#
 89 1.4 52.1 78.1#

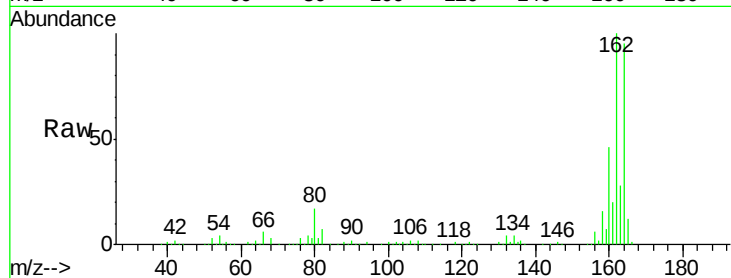




#56
 2,4-Dinitrotoluene
 Concen: 5.98 ng
 RT: 9.94 min Scan# 687
 Delta R.T. -0.21 min
 Lab File: BF083795.D
 Acq: 15 Dec 2015 3:33

Instrument :
 BNA_F
 ClientSampleId :
 W-29

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	51.4	77.2#
89	1.4	72.6	108.8#
182	0.0	1.4	2.0#

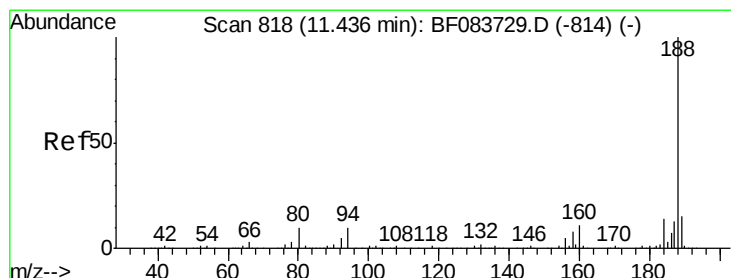
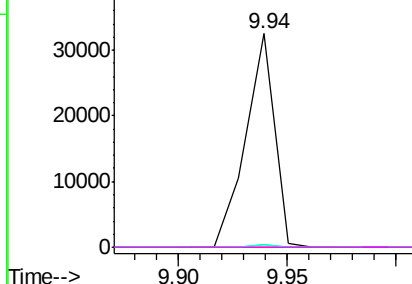
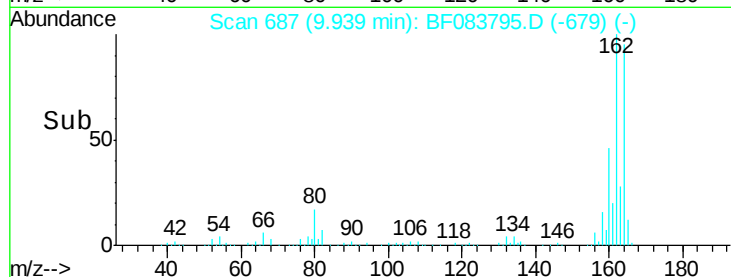


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

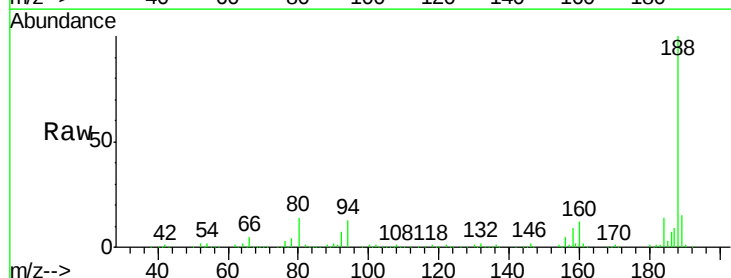
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.41 min Scan# 816
 Delta R.T. -0.03 min
 Lab File: BF083795.D
 Acq: 15 Dec 2015 3:33

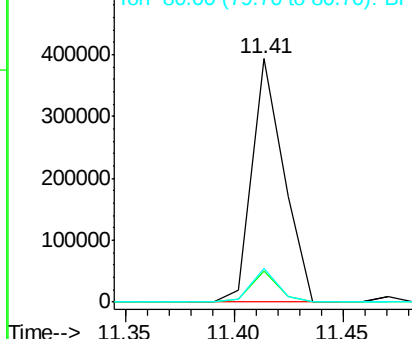
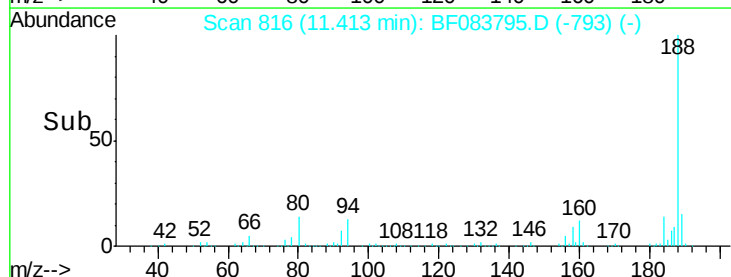
Tgt Ion	Ratio	Lower	Upper
188	100		
94	12.7	9.4	14.2
80	14.0	10.6	16.0

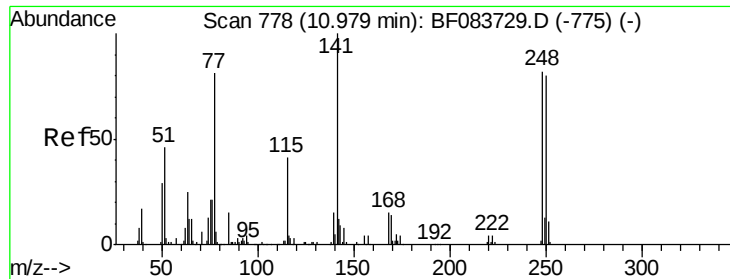


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

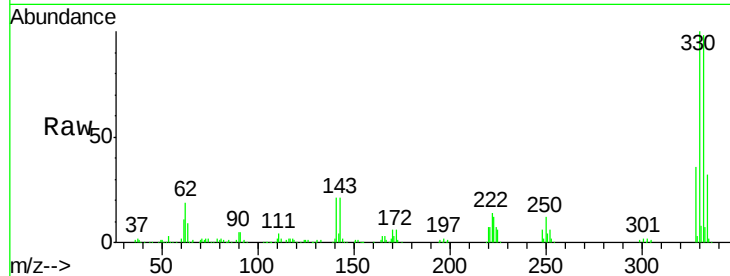




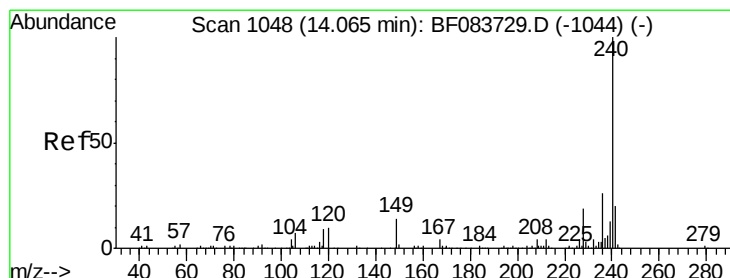
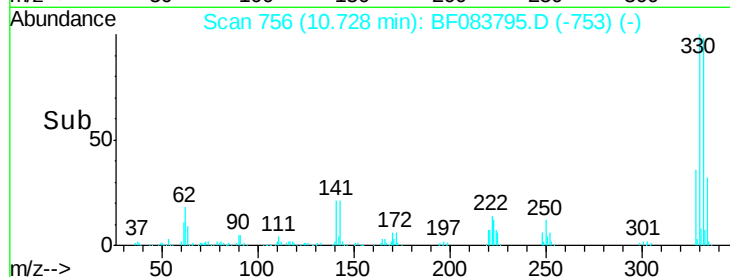
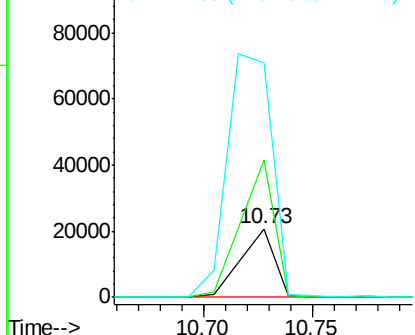
#66
 4-Bromophenyl-phenylether
 Concen: 4.93 ng
 RT: 10.73 min Scan# 756
 Delta R.T. -0.26 min
 Lab File: BF083795.D
 Acq: 15 Dec 2015 3:33

Instrument :
 BNA_F
 ClientSampled :
 W-29

Tgt Ion:248 Resp: 22186
 Ion Ratio Lower Upper
 248 100
 250 201.2 79.2 118.8#
 141 343.2 58.2 87.4#

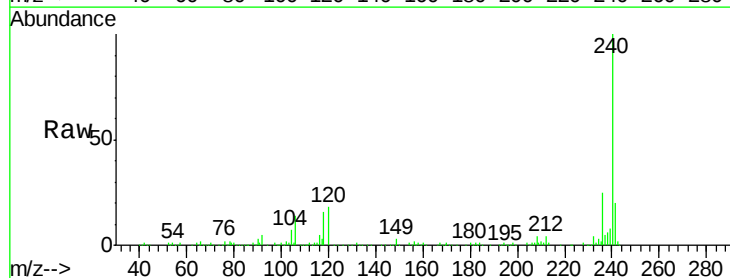


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

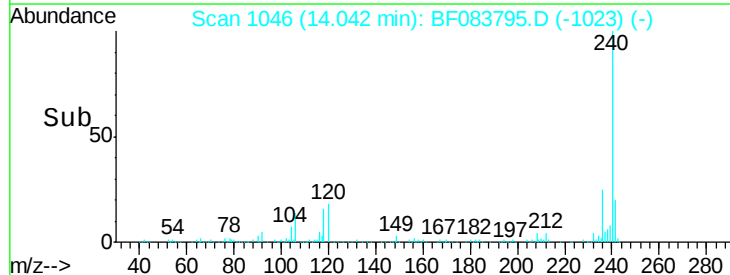
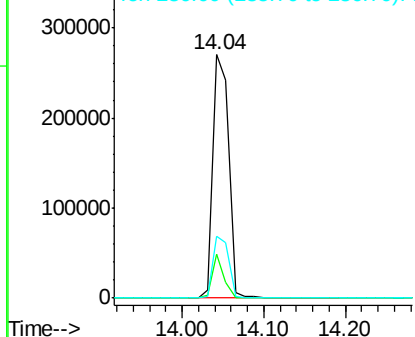


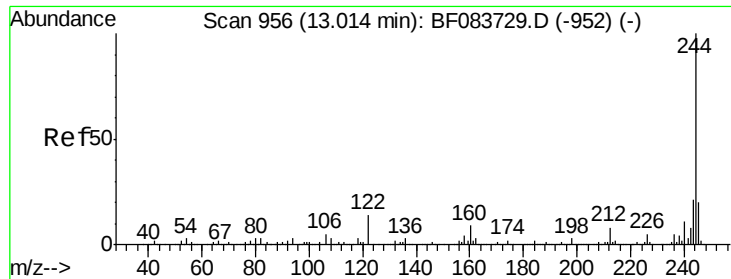
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.04 min Scan# 1046
 Delta R.T. -0.03 min
 Lab File: BF083795.D
 Acq: 15 Dec 2015 3:33

Tgt Ion:240 Resp: 366039
 Ion Ratio Lower Upper
 240 100
 120 18.1 8.1 12.1#
 236 25.2 20.8 31.2



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

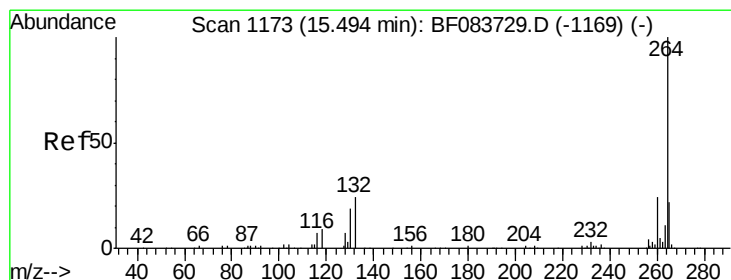
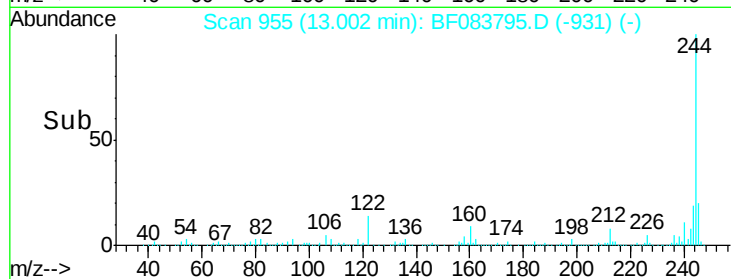
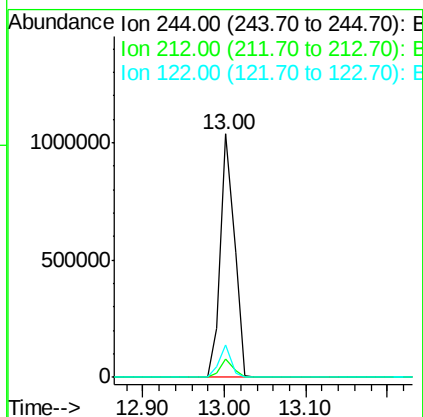
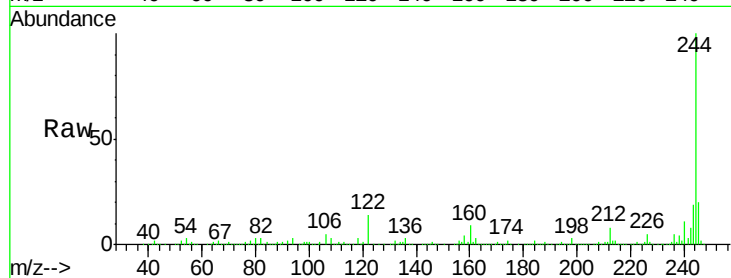




#78
 Terphenyl-d14
 Concen: 72.34 ng
 RT: 13.00 min Scan# 955
 Delta R.T. -0.02 min
 Lab File: BF083795.D
 Acq: 15 Dec 2015 3:33

Instrument :
 BNA_F
 ClientSampleId :
 W-29

Tgt Ion:244 Resp: 1230912
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.1 9.1
 122 13.6 11.0 16.6



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.48 min Scan# 1172
 Delta R.T. -0.02 min
 Lab File: BF083795.D
 Acq: 15 Dec 2015 3:33

Tgt Ion:264 Resp: 288279
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.4 29.0
 265 21.5 17.8 26.6

