

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031716\
 Data File : BF085499.D
 Acq On : 17 Mar 2016 18:57
 Operator : UM/SJ
 Sample : H1769-01RE
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-325-359-COMPOSITERE

Quant Time: Mar 18 00:46:18 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 15 18:57:05 2016
 Response via : Initial Calibration

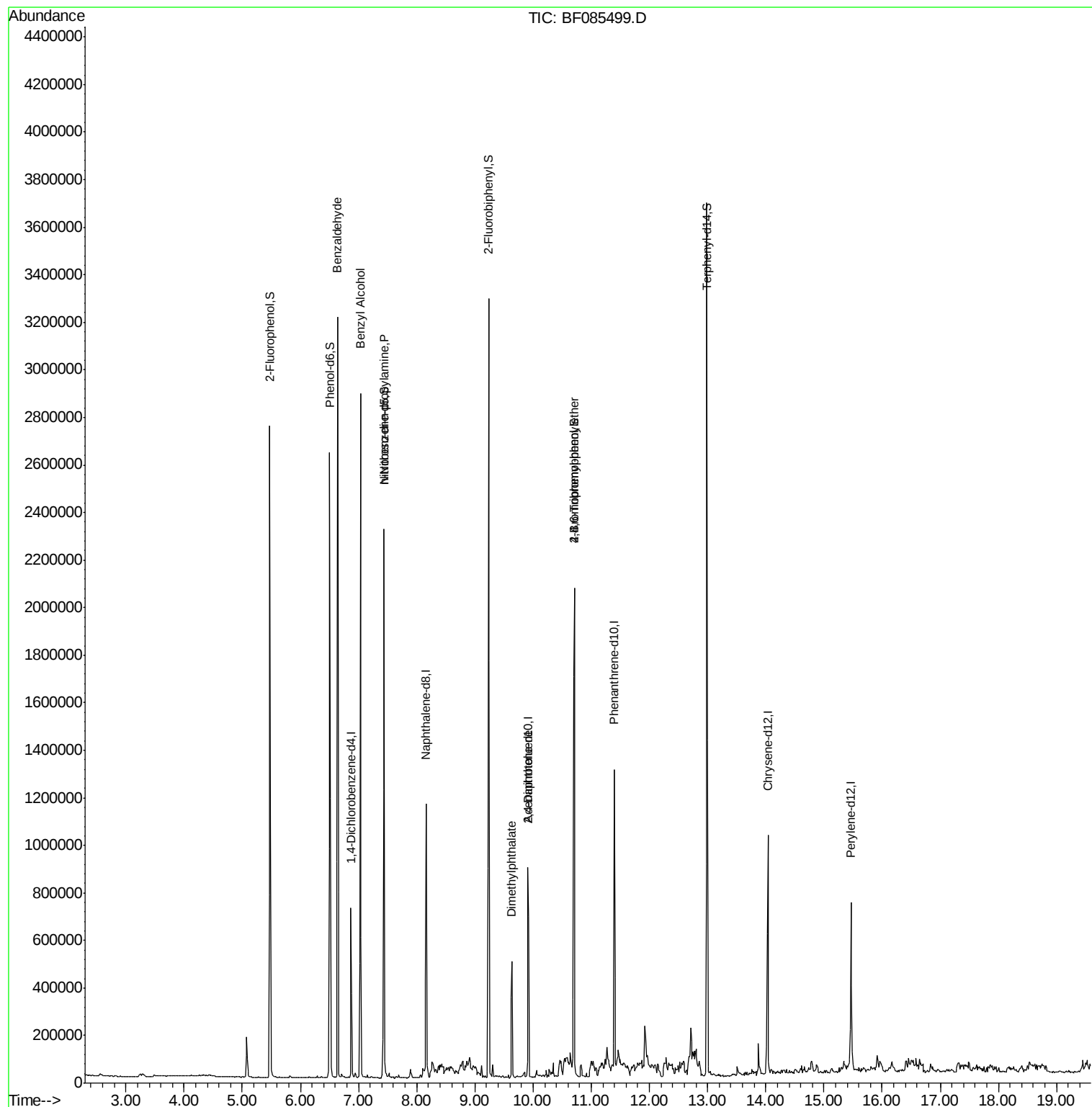
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	125288	20.00	ng	-0.05
21) Naphthalene-d8	8.16	136	535615	20.00	ng	-0.05
38) Acenaphthene-d10	9.91	164	237067	20.00	ng	-0.05
63) Phenanthrene-d10	11.40	188	460421	20.00	ng	-0.05
75) Chrysene-d12	14.04	240	405595	20.00	ng	-0.05
86) Perylene-d12	15.47	264	292066	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	1004486	137.82	ng	-0.03
7) Phenol-d6	6.50	99	1317401	139.34	ng	-0.05
23) Nitrobenzene-d5	7.44	82	904195	99.81	ng	-0.05
41) 2,4,6-Tribromophenol	10.71	330	379092	173.62	ng	-0.05
44) 2-Fluorobiphenyl	9.24	172	1409125	103.12	ng	-0.05
78) Terphenyl-d14	12.98	244	1391094	77.59	ng	-0.05
Target Compounds						
9) Benzaldehyde	6.64	77	22806	4.32	ng	Qvalue 83
15) Benzyl Alcohol	7.03	79	13769	2.04	ng	# 49
19) n-Nitroso-di-n-propylamine	7.44	70	122629	21.66	ng	# 75
49) Dimethylphthalate	9.64	163	268471	15.52	ng	98
56) 2,4-Dinitrotoluene	9.91	165	30573	6.38	ng	# 22
66) 4-Bromophenyl-phenylether	10.71	248	25293	5.43	ng	# 1

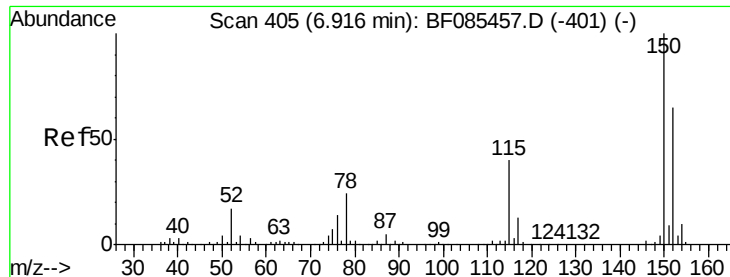
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 15 18:57:05 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.87 min Scan# 401

Delta R.T. -0.05 min

Lab File: BF085499.D

Acq: 17 Mar 2016 18:57

Instrument :

BNA_F

ClientSampleId :

DRUM-325-359-COMPOSITE

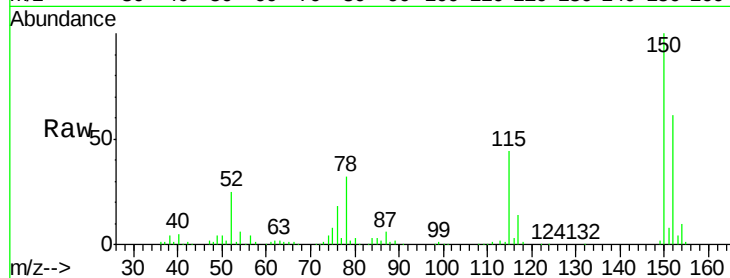
Tgt Ion:152 Resp: 125288

Ion Ratio Lower Upper

152 100

150 162.8 124.6 186.8

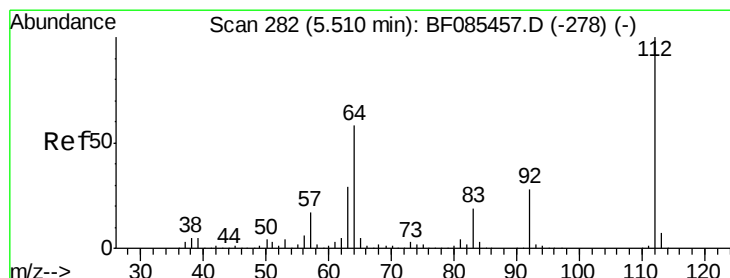
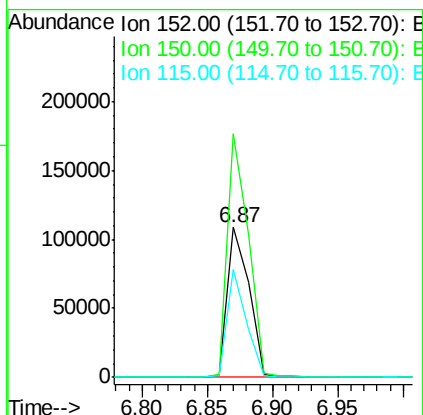
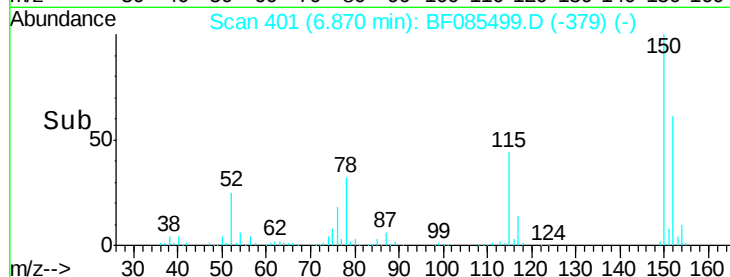
115 72.0 46.6 70.0#



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: 137.82 ng

RT: 5.48 min Scan# 279

Delta R.T. -0.03 min

Lab File: BF085499.D

Acq: 17 Mar 2016 18:57

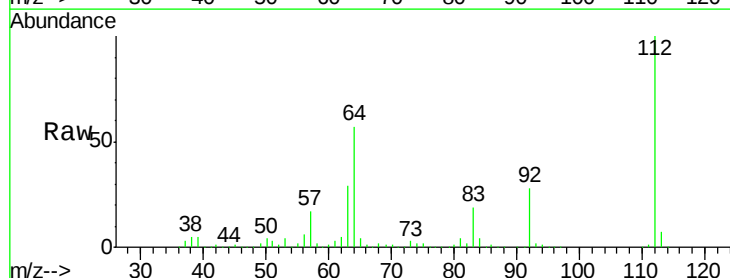
Tgt Ion:112 Resp: 1004486

Ion Ratio Lower Upper

112 100

64 57.3 49.0 73.4

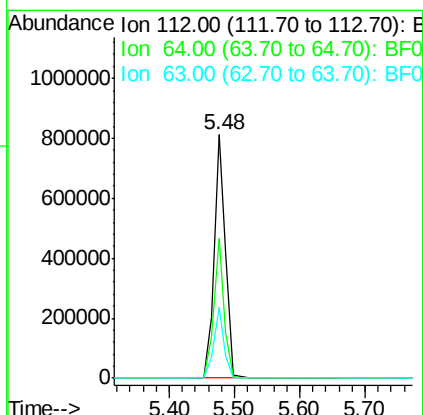
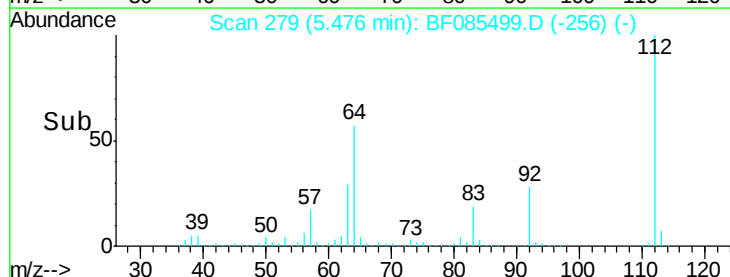
63 29.0 24.8 37.2

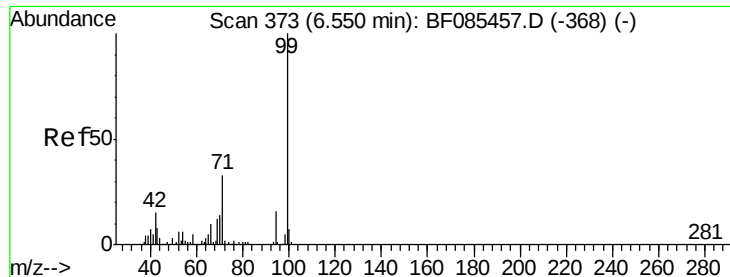


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 139.34 ng

RT: 6.50 min Scan# 369

Delta R.T. -0.05 min

Lab File: BF085499.D

Acq: 17 Mar 2016 18:57

Instrument :

BNA_F

ClientSampleId :

DRUM-325-359-COMPOSITERE

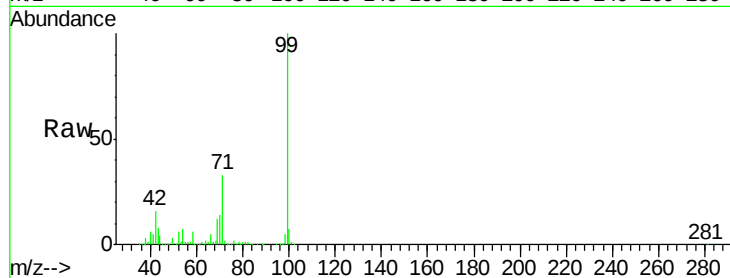
Tgt Ion: 99 Resp: 1317401

Ion Ratio Lower Upper

99 100

42 16.0 13.6 20.4

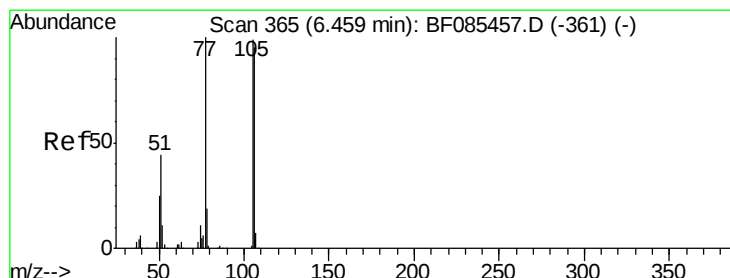
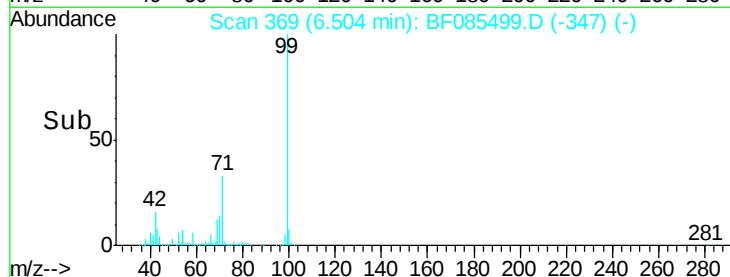
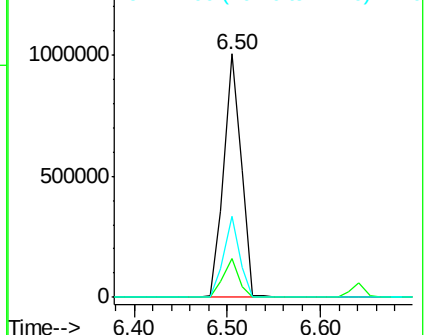
71 33.3 26.7 40.1



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: 4.32 ng

RT: 6.64 min Scan# 381

Delta R.T. 0.18 min

Lab File: BF085499.D

Acq: 17 Mar 2016 18:57

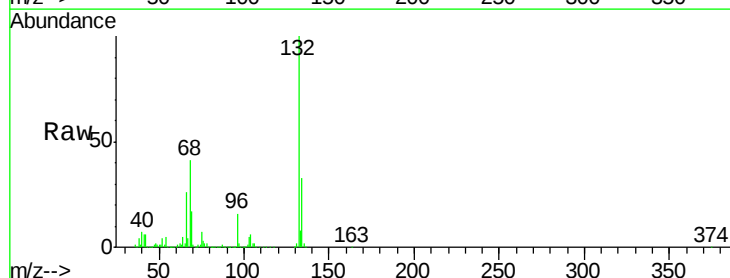
Tgt Ion: 77 Resp: 22806

Ion Ratio Lower Upper

77 100

105 79.4 78.2 118.2

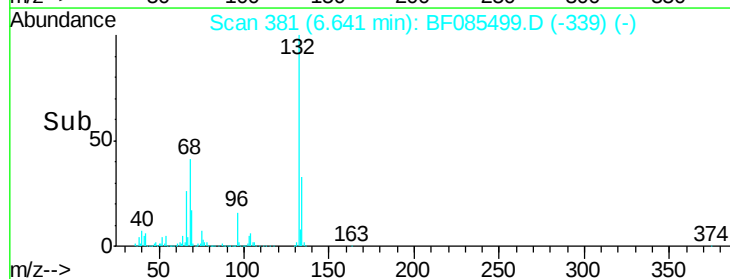
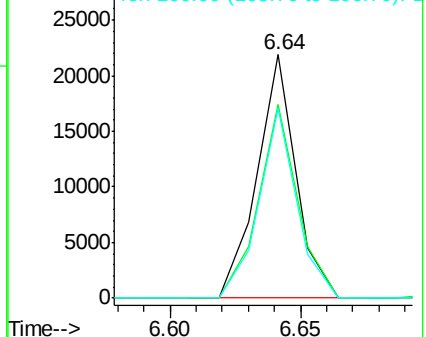
106 77.9 72.9 112.9

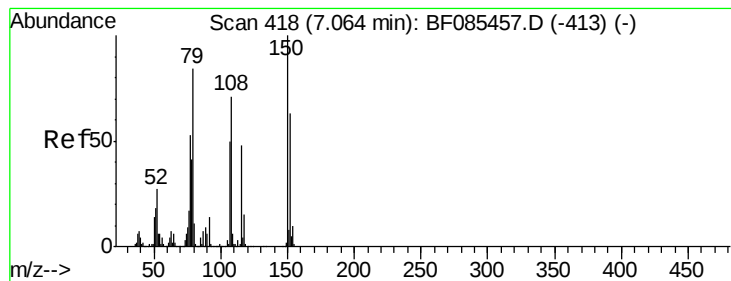


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#15

Benzyl Alcohol

Concen: 2.04 ng

RT: 7.03 min Scan# 415

Delta R.T. -0.03 min

Lab File: BF085499.D

Acq: 17 Mar 2016 18:57

Instrument :

BNA_F

ClientSampleId :

DRUM-325-359-COMPOSITERE

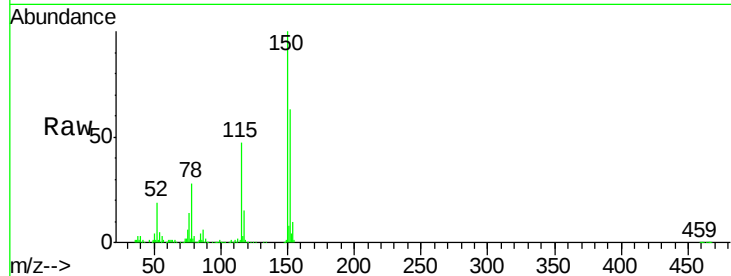
Tgt Ion: 79 Resp: 13769

Ion Ratio Lower Upper

79 100

108 32.5 62.9 94.3#

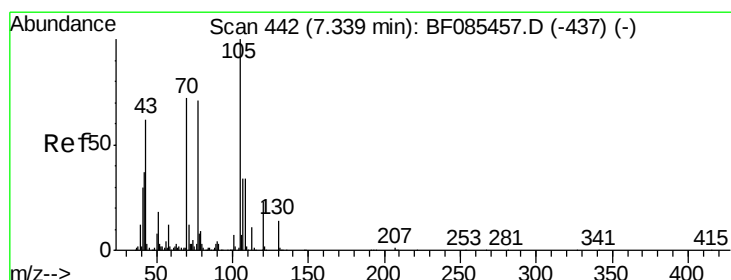
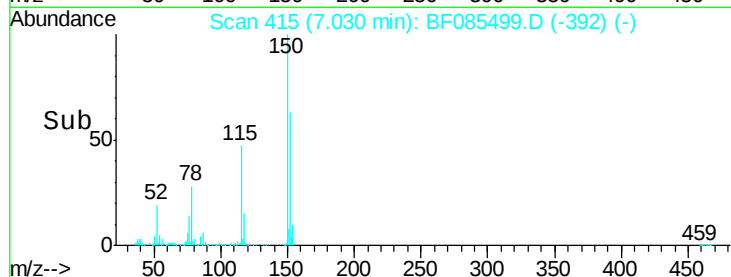
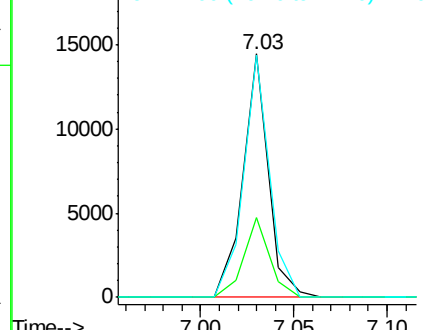
77 99.5 49.5 74.3#



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: 21.66 ng

RT: 7.44 min Scan# 451

Delta R.T. 0.10 min

Lab File: BF085499.D

Acq: 17 Mar 2016 18:57

Tgt Ion: 70 Resp: 122629

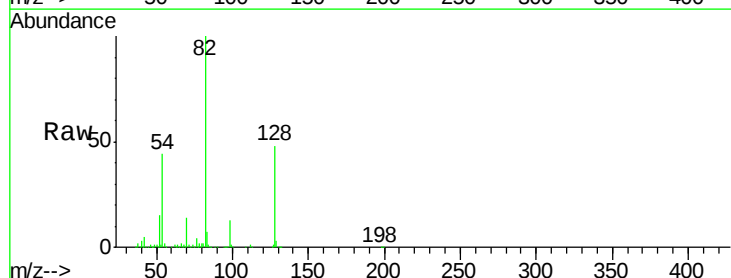
Ion Ratio Lower Upper

70 100

42 38.9 37.7 56.5

101 0.0 8.2 12.4#

130 2.3 20.5 30.7#

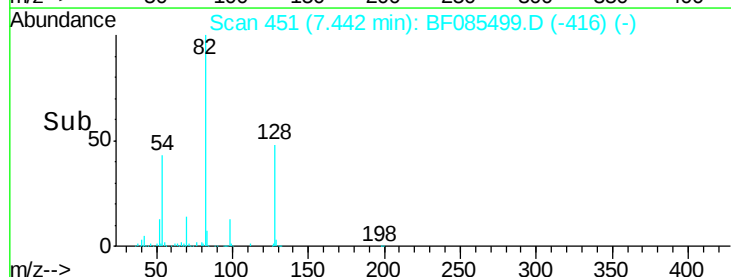
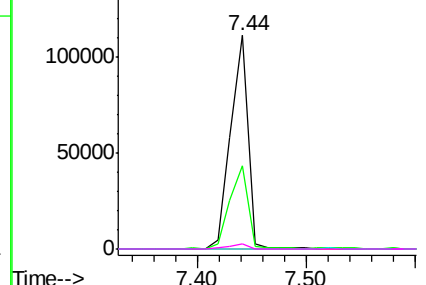


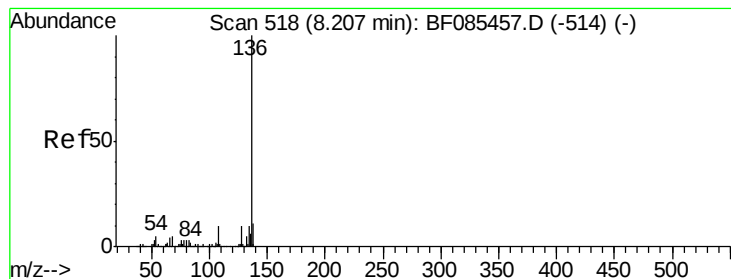
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.16 min Scan# 514

Delta R.T. -0.05 min

Lab File: BF085499.D

Acq: 17 Mar 2016 18:57

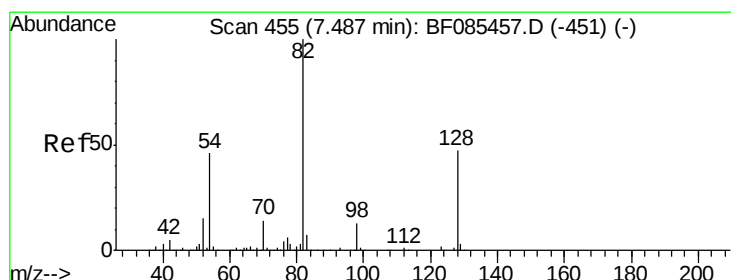
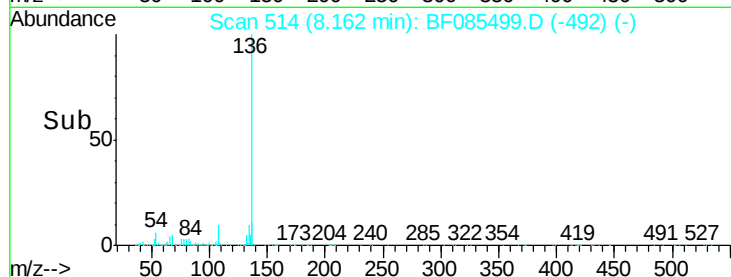
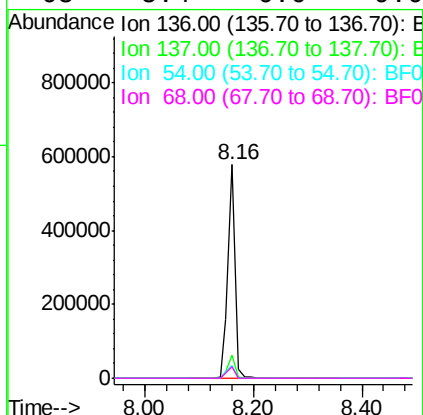
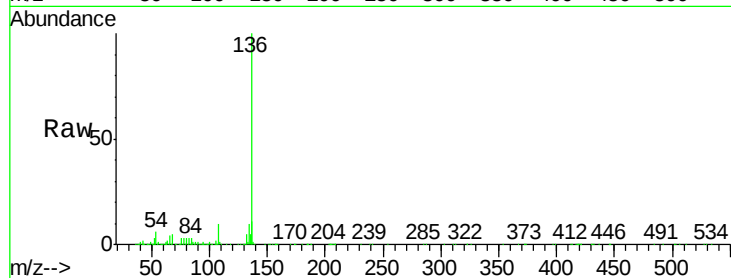
Instrument :

BNA_F

ClientSampleId :

DRUM-325-359-COMPOSITERE

Tgt Ion:	136	Resp:	535615
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.3	13.9
54	6.0	7.4	11.2#
68	5.4	6.0	9.0#



#23

Nitrobenzene-d5

Concen: 99.81 ng

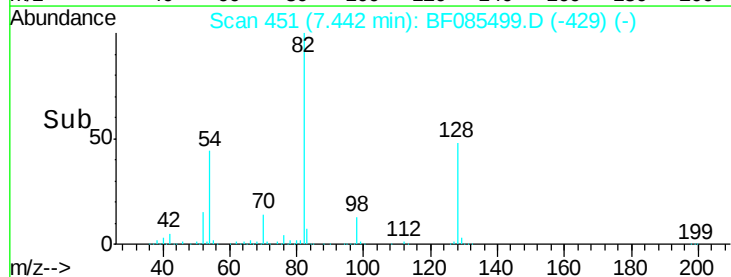
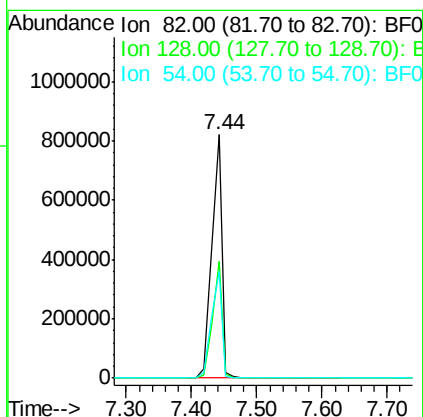
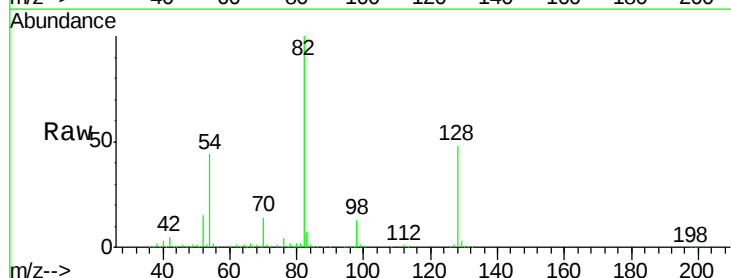
RT: 7.44 min Scan# 451

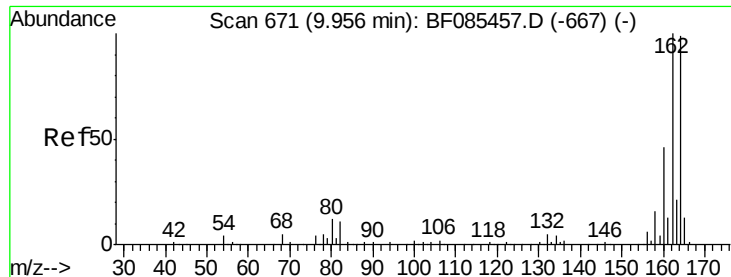
Delta R.T. -0.05 min

Lab File: BF085499.D

Acq: 17 Mar 2016 18:57

Tgt Ion:	82	Resp:	904195
Ion	Ratio	Lower	Upper
82	100		
128	47.8	34.5	51.7
54	44.0	39.3	58.9





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.91 min Scan# 667

Delta R.T. -0.05 min

Lab File: BF085499.D

Acq: 17 Mar 2016 18:57

Instrument :

BNA_F

ClientSampleId :

DRUM-325-359-COMPOSITE

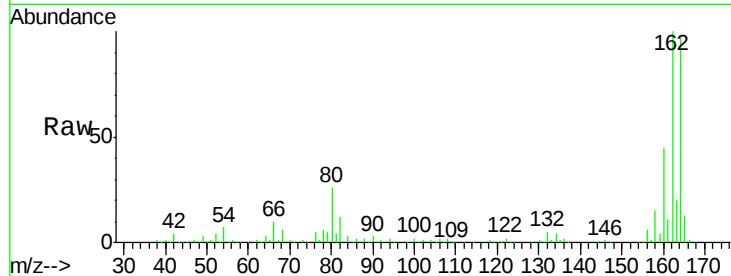
Tgt Ion:164 Resp: 237067

Ion Ratio Lower Upper

164 100

162 102.7 83.3 124.9

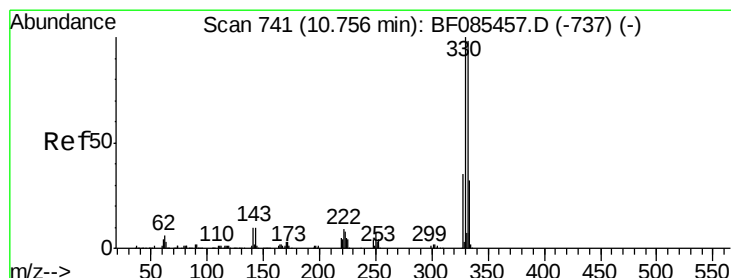
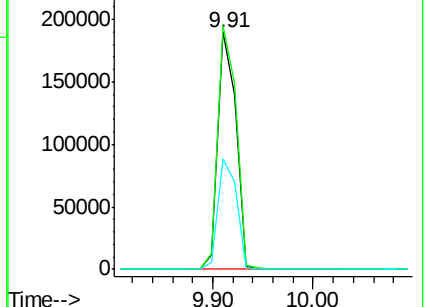
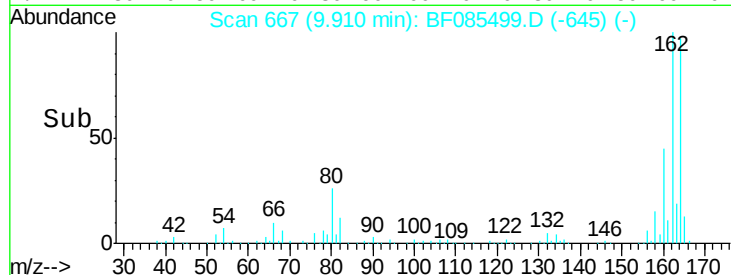
160 46.5 37.9 56.9



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: 173.62 ng

RT: 10.71 min Scan# 737

Delta R.T. -0.05 min

Lab File: BF085499.D

Acq: 17 Mar 2016 18:57

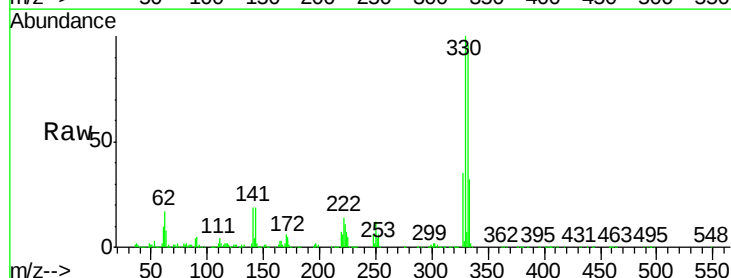
Tgt Ion:330 Resp: 379092

Ion Ratio Lower Upper

330 100

332 95.9 77.1 115.7

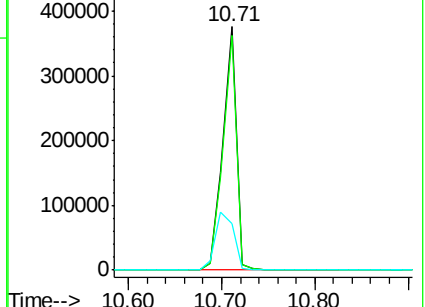
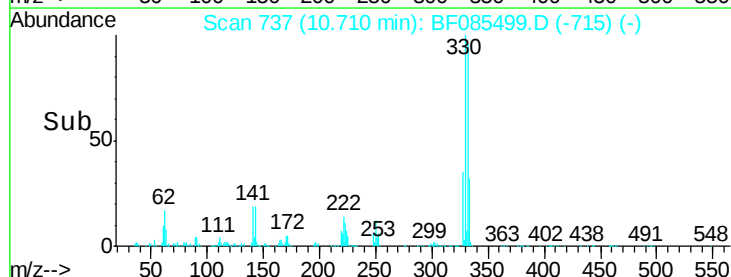
141 33.1 35.0 52.6#

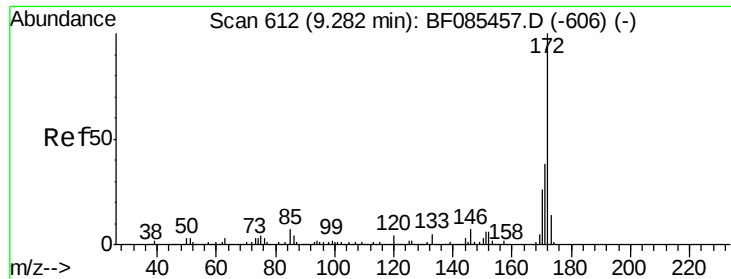


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

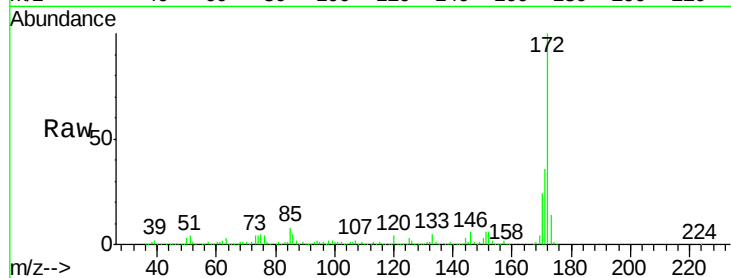




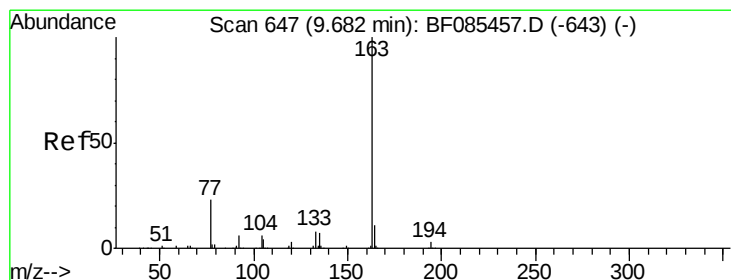
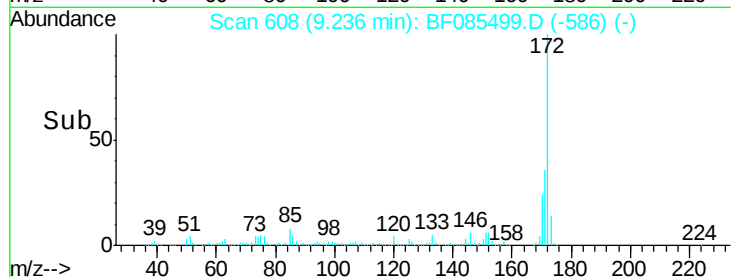
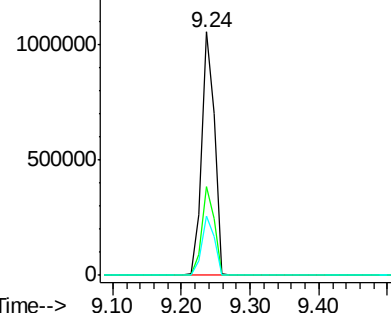
#44
2-Fluorobiphenyl
Concen: 103.12 ng
RT: 9.24 min Scan# 608
Delta R.T. -0.05 min
Lab File: BF085499.D
Acq: 17 Mar 2016 18:57

Instrument :
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DRUM-325-359-COMPOSITE

Tgt Ion:172 Resp: 1409125
Ion Ratio Lower Upper
172 100
171 36.3 29.3 43.9
170 24.4 20.0 30.0

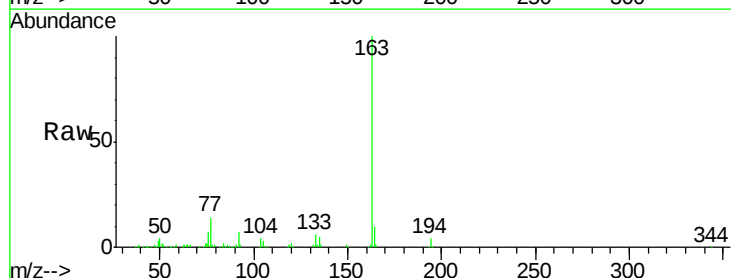


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

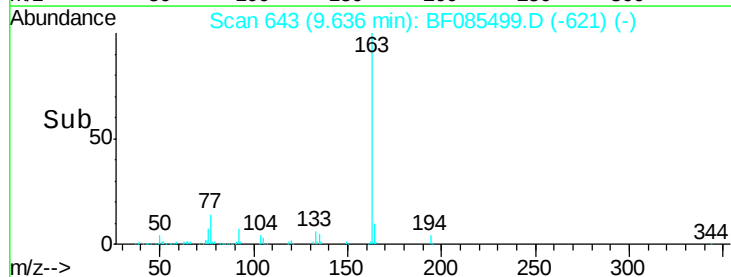
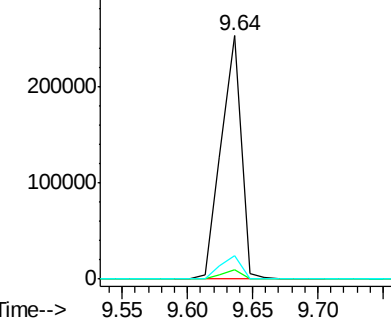


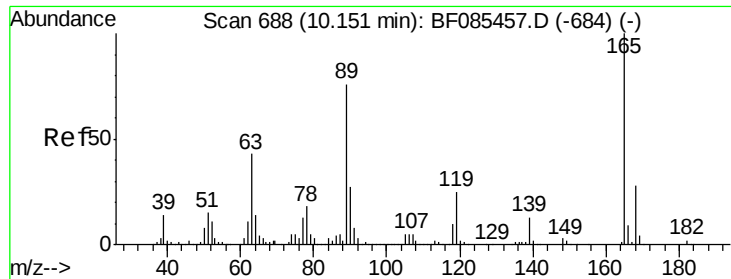
#49
Dimethylphthalate
Concen: 15.52 ng
RT: 9.64 min Scan# 643
Delta R.T. -0.05 min
Lab File: BF085499.D
Acq: 17 Mar 2016 18:57

Tgt Ion:163 Resp: 268471
Ion Ratio Lower Upper
163 100
194 3.7 3.1 4.7
164 9.6 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

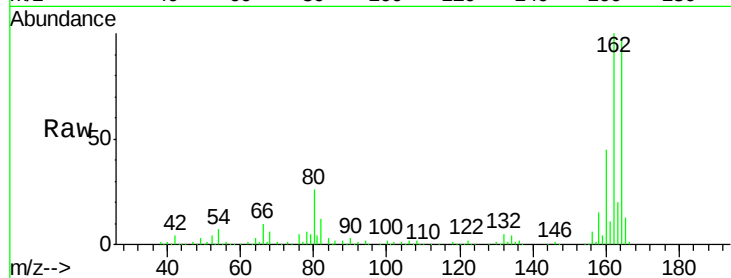




#56
 2,4-Dinitrotoluene
 Concen: 6.38 ng
 RT: 9.91 min Scan# 667
 Delta R.T. -0.24 min
 Lab File: BF085499.D
 Acq: 17 Mar 2016 18:57

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-325-359-COMPOSITERE

Tgt Ion:	165	Resp:	30573
Ion Ratio	Lower	Upper	
165	100		
63	1.6	35.4	53.0#
89	1.7	61.9	92.9#
182	0.0	1.9	2.9#

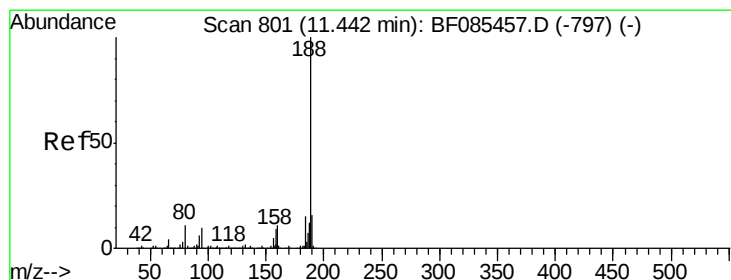
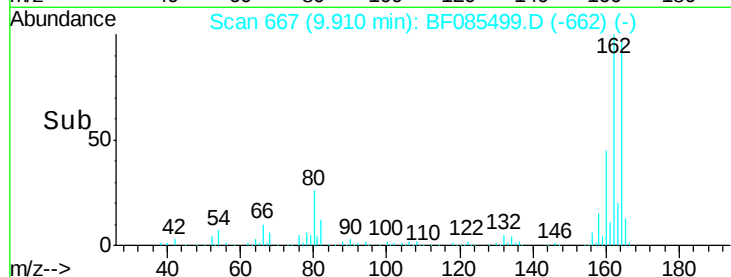
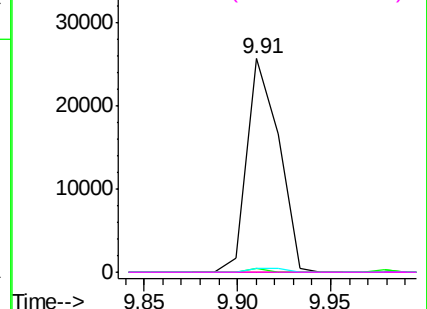


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

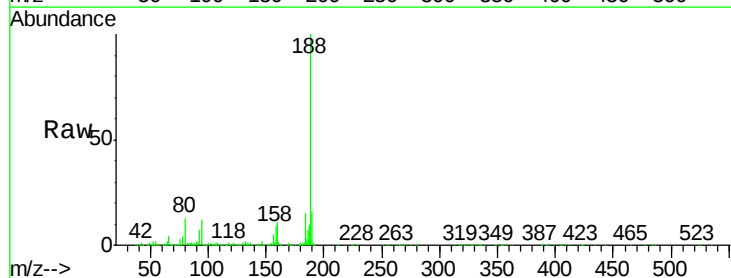
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.40 min Scan# 797
 Delta R.T. -0.05 min
 Lab File: BF085499.D
 Acq: 17 Mar 2016 18:57

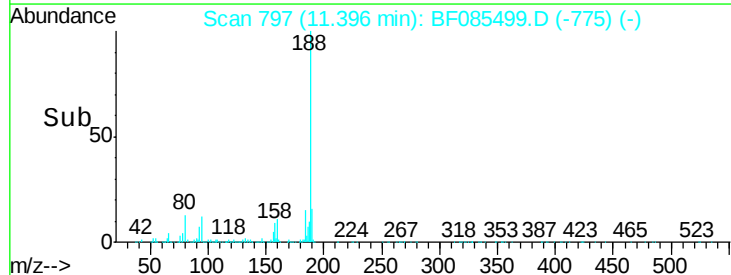
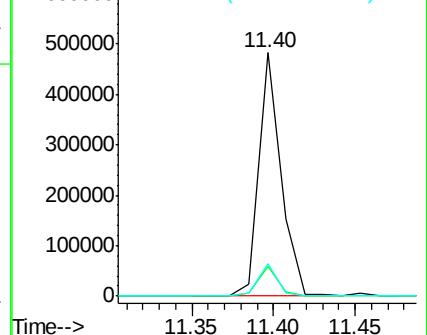
Tgt Ion:	188	Resp:	460421
Ion Ratio	Lower	Upper	
188	100		
94	12.3	7.0	10.6#
80	13.1	7.4	11.0#

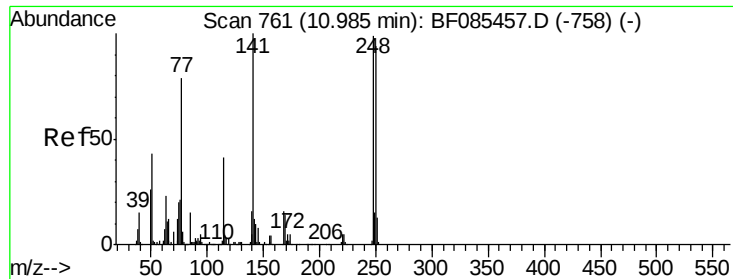


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#66

4-Bromophenyl-phenylether

Concen: 5.43 ng

RT: 10.71 min Scan# 737

Delta R.T. -0.27 min

Lab File: BF085499.D

Acq: 17 Mar 2016 18:57

Instrument :

BNA_F

ClientSampleId :

DRUM-325-359-COMPOSITE

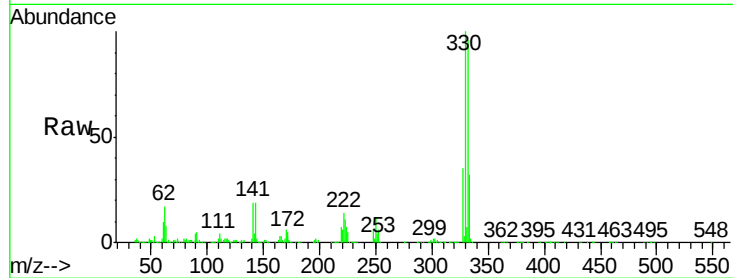
Tgt Ion:248 Resp: 25293

Ion Ratio Lower Upper

248 100

250 205.1 77.1 115.7#

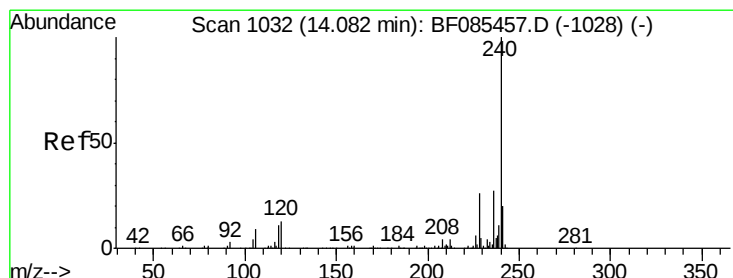
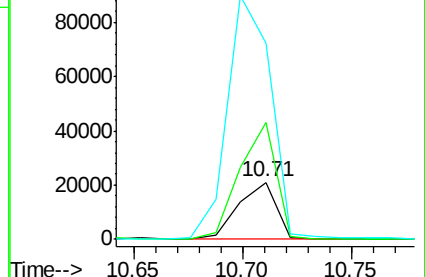
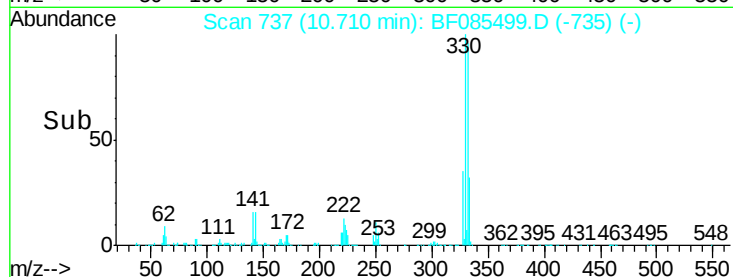
141 343.2 66.2 99.2#



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# 1028

Delta R.T. -0.05 min

Lab File: BF085499.D

Acq: 17 Mar 2016 18:57

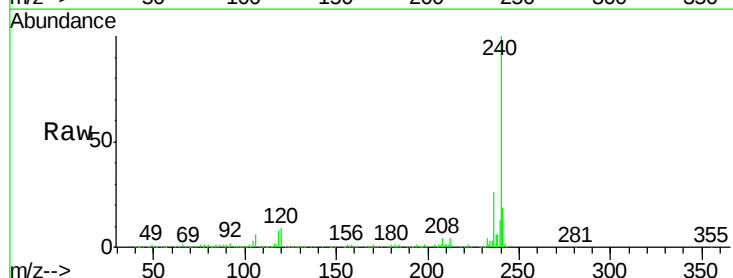
Tgt Ion:240 Resp: 405595

Ion Ratio Lower Upper

240 100

120 8.6 5.3 7.9#

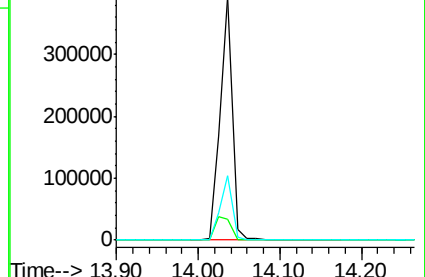
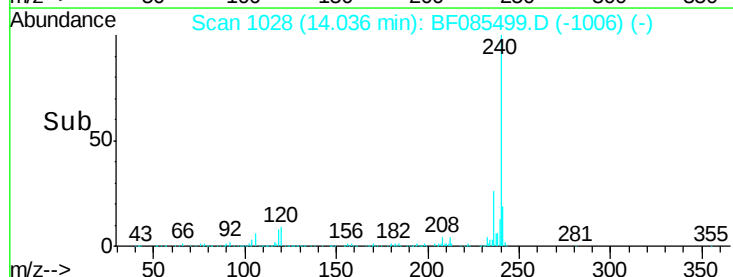
236 26.3 20.7 31.1

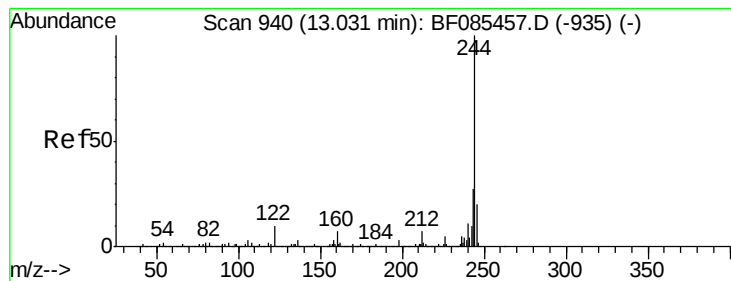


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 77.59 ng

RT: 12.98 min Scan# 936

Delta R.T. -0.05 min

Lab File: BF085499.D

Acq: 17 Mar 2016 18:57

Instrument :

BNA_F

ClientSampleId :

DRUM-325-359-COMPOSITERE

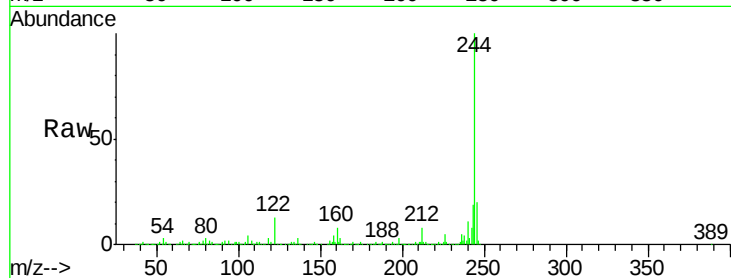
Tgt Ion:244 Resp: 1391094

Ion Ratio Lower Upper

244 100

212 7.5 6.4 9.6

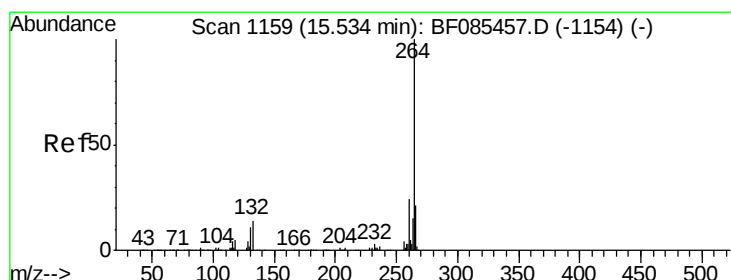
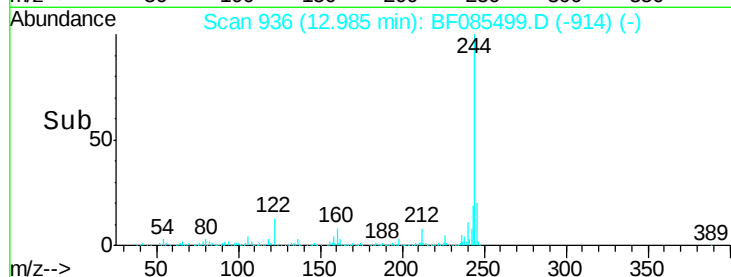
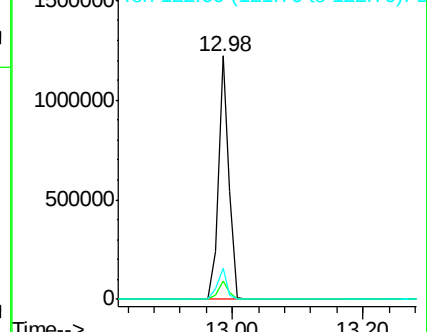
122 13.0 11.4 17.2



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: 15.47 min Scan# 1153

Delta R.T. -0.07 min

Lab File: BF085499.D

Acq: 17 Mar 2016 18:57

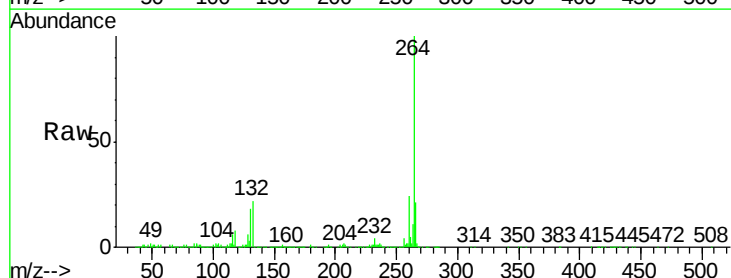
Tgt Ion:264 Resp: 292066

Ion Ratio Lower Upper

264 100

260 24.5 19.2 28.8

265 21.5 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

