

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052316\
 Data File : BF087328.D
 Acq On : 24 May 2016 7:18
 Operator : UM/SJ
 Sample : H3168-04
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-19-COMP

Quant Time: May 24 18:46:44 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 24 01:40:43 2016
 Response via : Initial Calibration

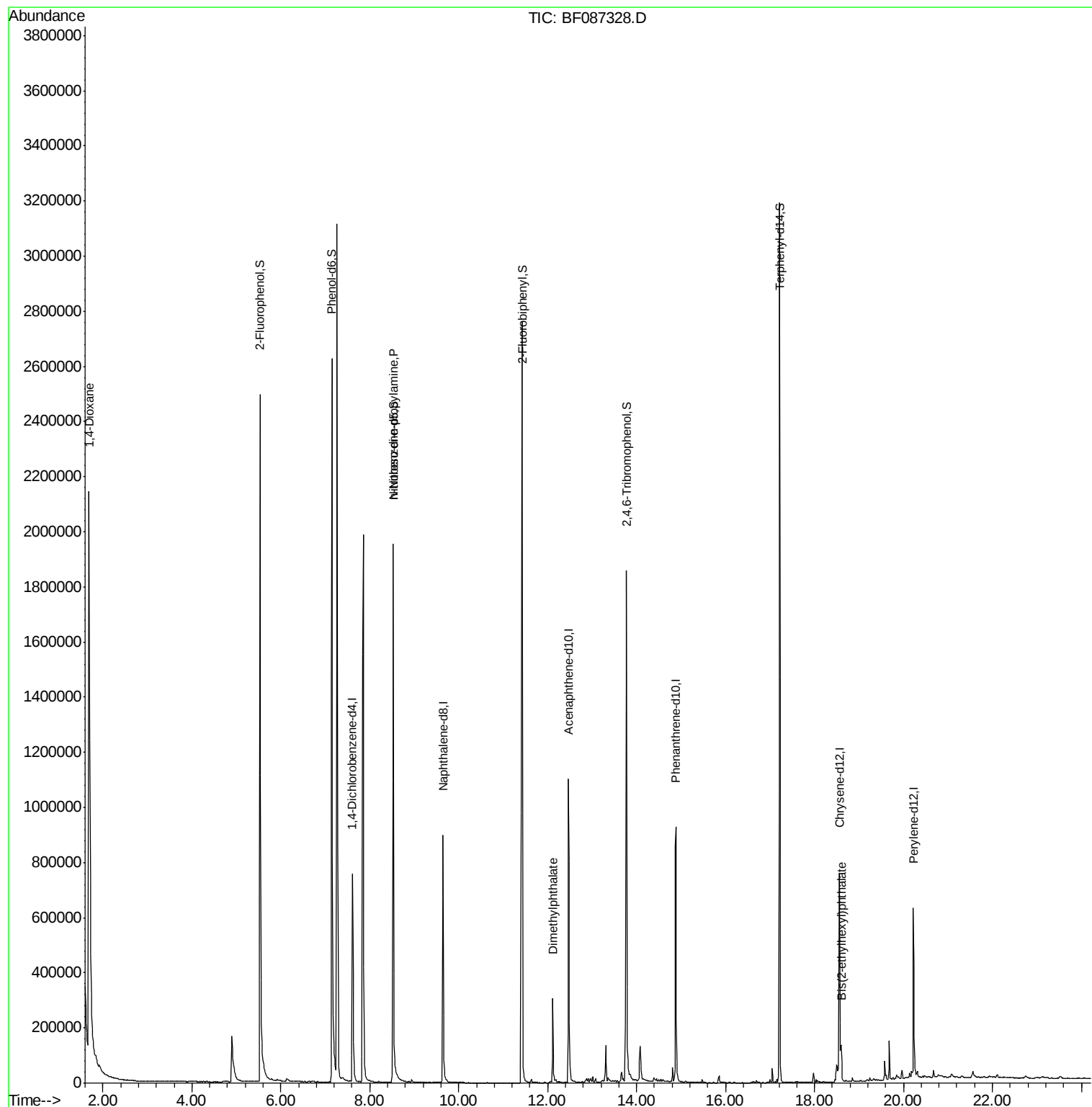
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	151772	20.00	ng	0.00
21) Naphthalene-d8	9.64	136	648110	20.00	ng	0.00
38) Acenaphthene-d10	12.47	164	308798	20.00	ng	-0.01
63) Phenanthrene-d10	14.88	188	578043	20.00	ng	0.00
75) Chrysene-d12	18.56	240	442625	20.00	ng	0.00
86) Perylene-d12	20.22	264	325226	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	914208	105.84	ng	0.01
7) Phenol-d6	7.15	99	1190809	102.03	ng	-0.01
23) Nitrobenzene-d5	8.52	82	857324	66.67	ng	-0.01
41) 2,4,6-Tribromophenol	13.77	330	303538	102.29	ng	-0.01
44) 2-Fluorobiphenyl	11.43	172	1447258	66.07	ng	0.00
78) Terphenyl-d14	17.21	244	1264259	60.72	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	1.69	88	94225	20.67	ng	# 22
19) n-Nitroso-di-n-propylamine	8.52	70	116895	13.43	ng	# 76
49) Dimethylphthalate	12.11	163	161035	6.51	ng	100
83) Bis(2-ethylhexyl)phthalate	18.61	149	67784	3.29	ng	# 96

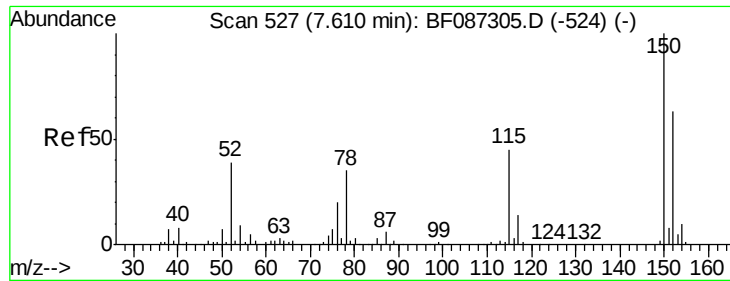
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.61 min Scan# 527

Delta R.T. -0.00 min

Lab File: BF087328.D

Acq: 24 May 2016 7:18

Instrument :

BNA_F

ClientSampleId :

SB-19-COMP

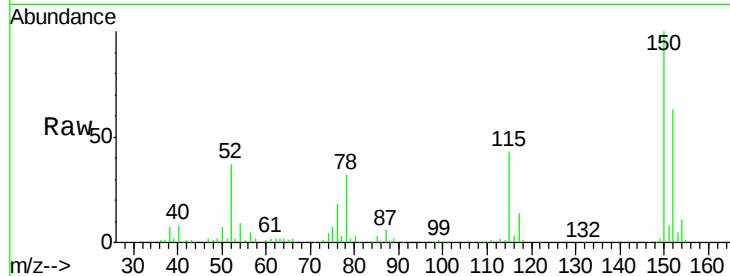
Tgt Ion:152 Resp: 151772

Ion Ratio Lower Upper

152 100

150 158.7 125.8 188.6

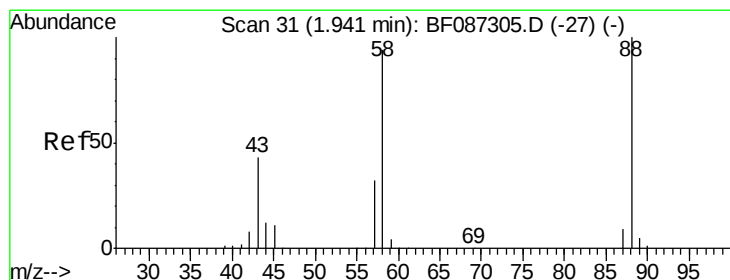
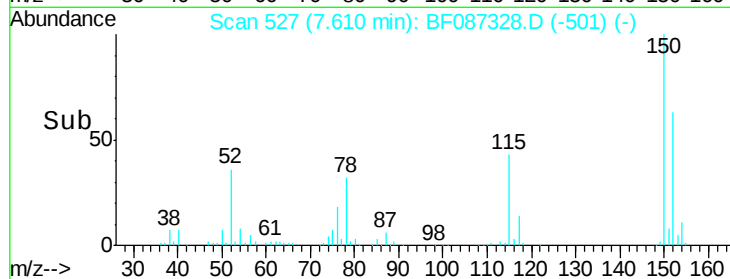
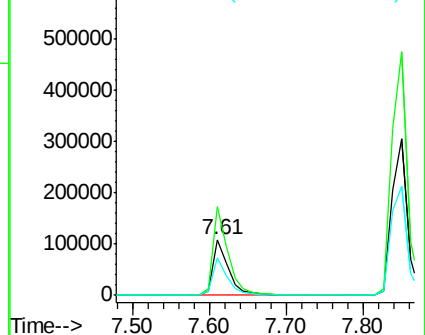
115 68.1 51.5 77.3



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



#2

1,4-Dioxane

Concen: 20.67 ng

RT: 1.69 min Scan# 9

Delta R.T. -0.25 min

Lab File: BF087328.D

Acq: 24 May 2016 7:18

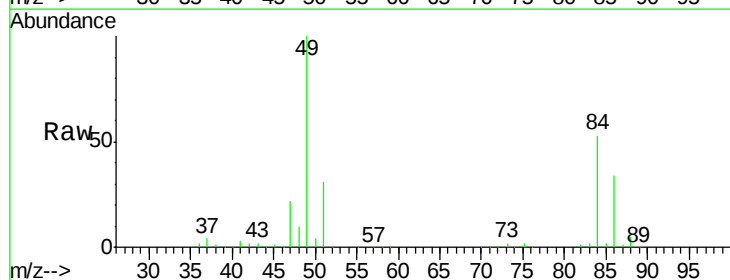
Tgt Ion: 88 Resp: 94225

Ion Ratio Lower Upper

88 100

58 0.0 59.6 89.4#

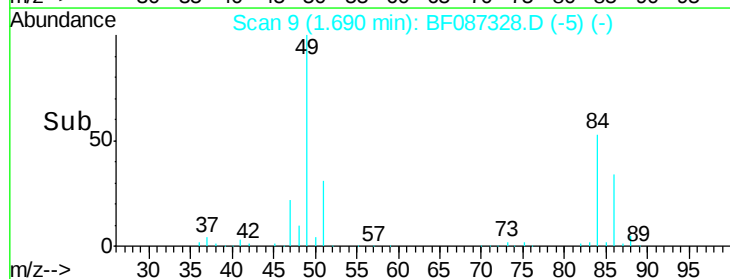
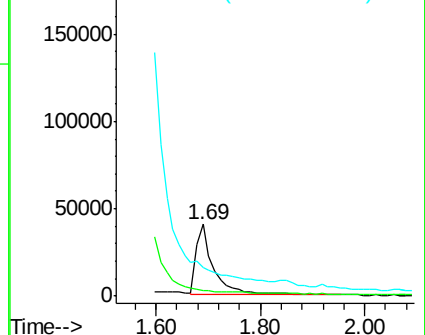
43 0.0 21.8 32.6#

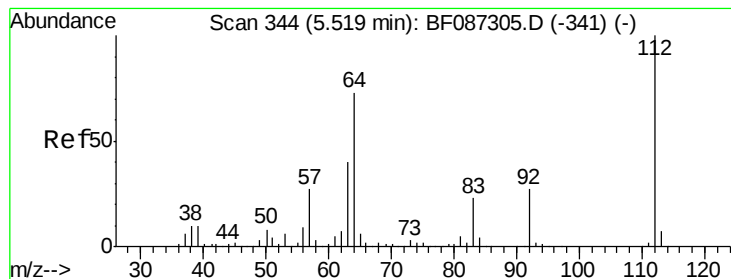


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 105.84 ng

RT: 5.53 min Scan# 345

Delta R.T. 0.01 min

Lab File: BF087328.D

Acq: 24 May 2016 7:18

Instrument :

BNA_F

ClientSampleId :

SB-19-COMP

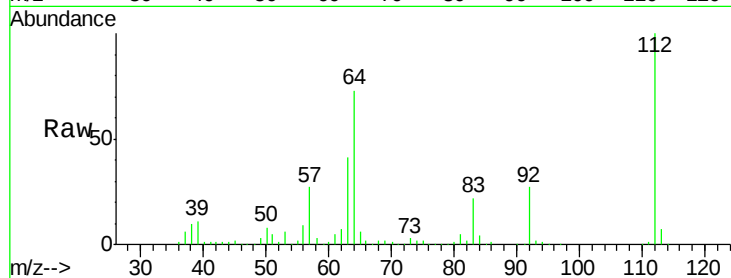
Tgt Ion: 112 Resp: 914208

Ion Ratio Lower Upper

112 100

64 73.4 52.1 78.1

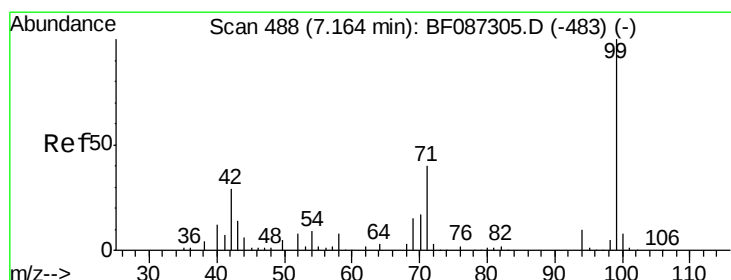
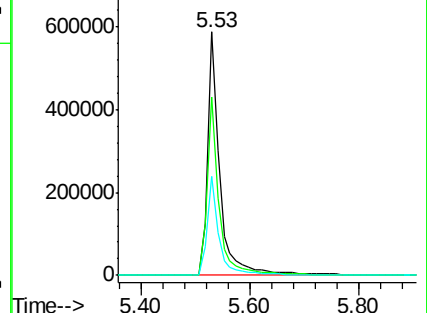
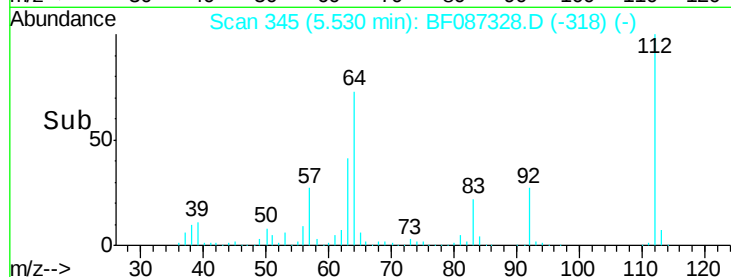
63 40.7 25.7 38.5#



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: 102.03 ng

RT: 7.15 min Scan# 487

Delta R.T. -0.01 min

Lab File: BF087328.D

Acq: 24 May 2016 7:18

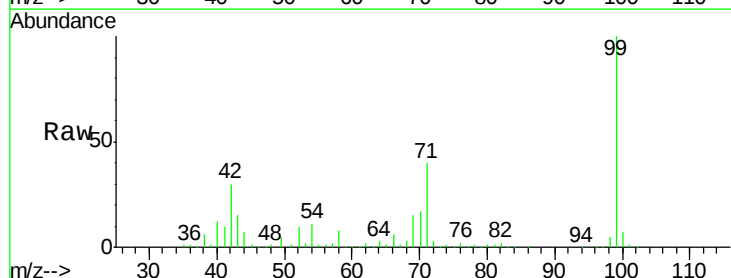
Tgt Ion: 99 Resp: 1190809

Ion Ratio Lower Upper

99 100

42 29.8 13.6 20.4#

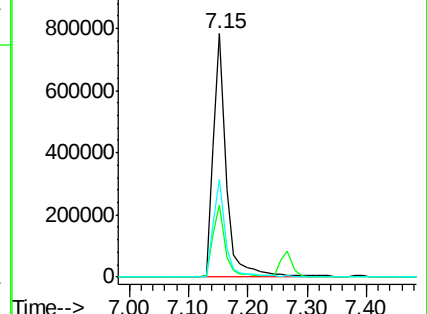
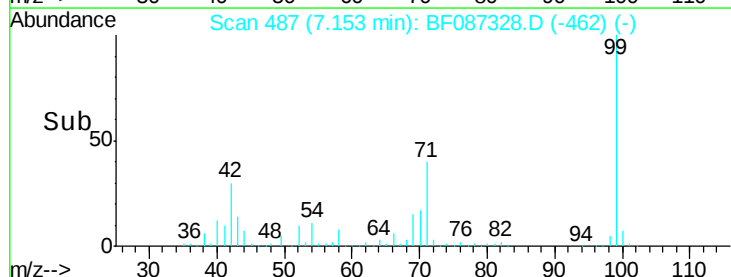
71 40.2 24.6 36.8#

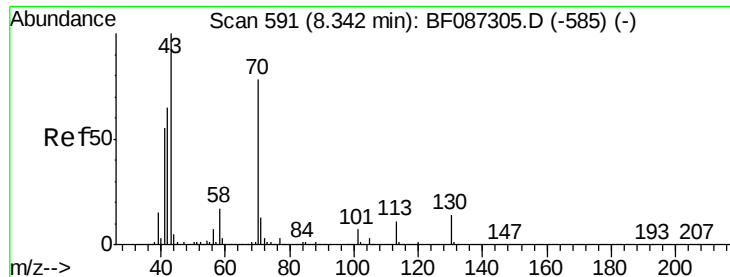


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0

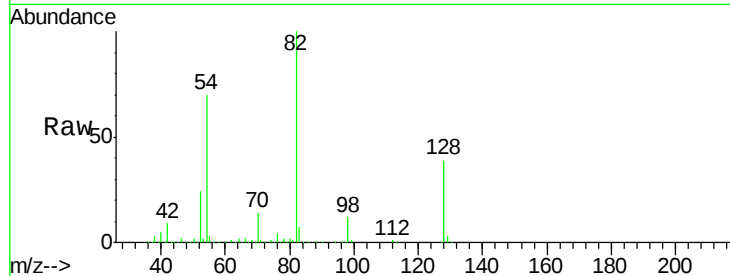




#19
n-Nitroso-di-n-propylamine
Concen: 13.43 ng
RT: 8.52 min Scan# 607
Delta R.T. 0.18 min
Lab File: BF087328.D
Acq: 24 May 2016 7:18

Instrument :
BNA_F
ClientSampleId :
SB-19-COMP

Tgt Ion	Ratio	Lower	Upper
70	100		
42	64.5	43.1	64.7
101	0.0	8.1	12.1#
130	1.6	18.6	28.0#

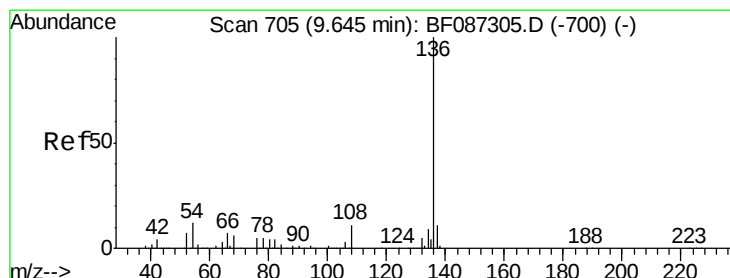
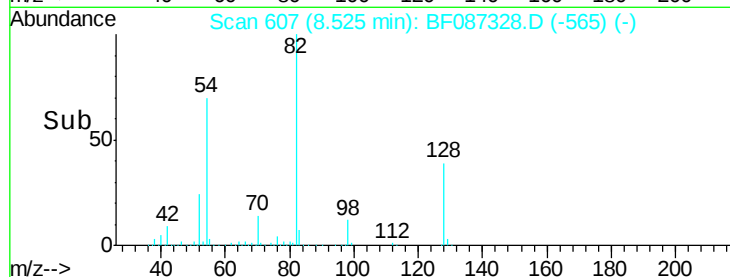
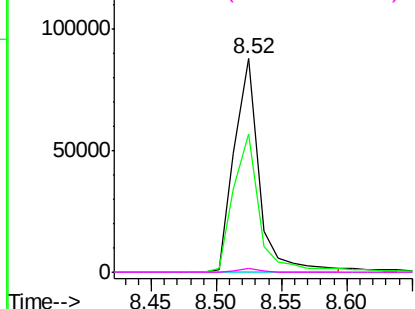


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.64 min Scan# 705
Delta R.T. -0.00 min
Lab File: BF087328.D
Acq: 24 May 2016 7:18

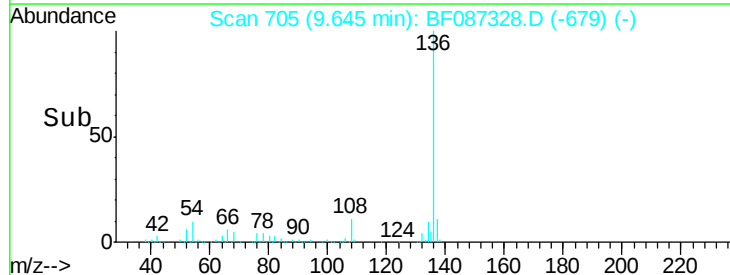
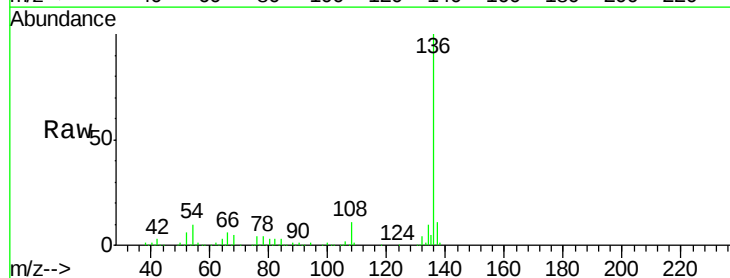
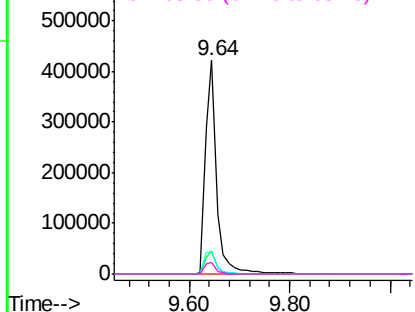
Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	10.4	5.0	7.4#
68	5.2	4.4	6.6

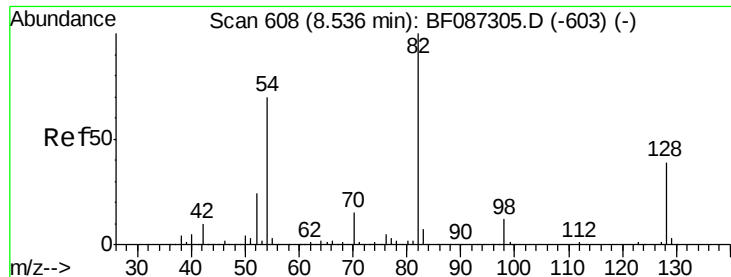
Abundance Ion 136.00 (135.70 to 136.70): E

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

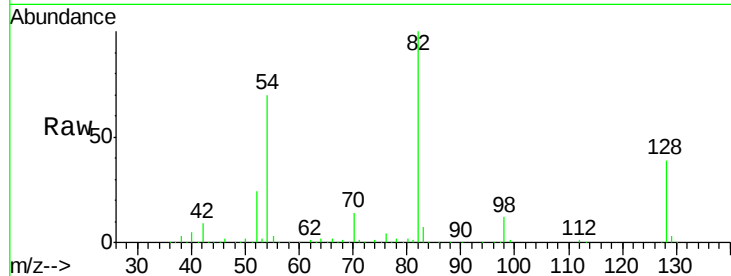




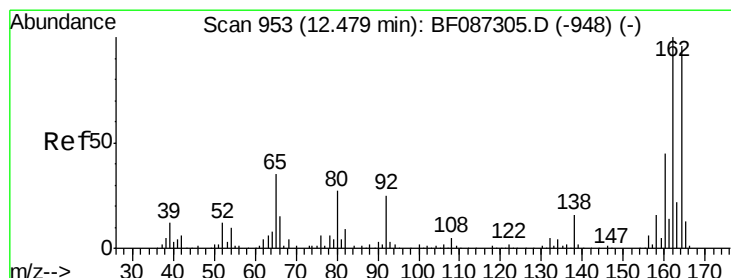
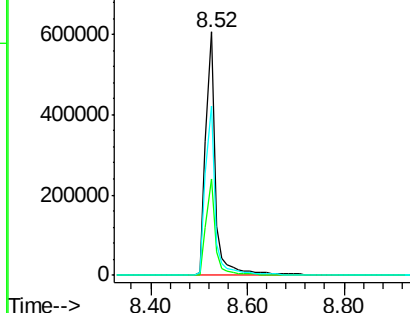
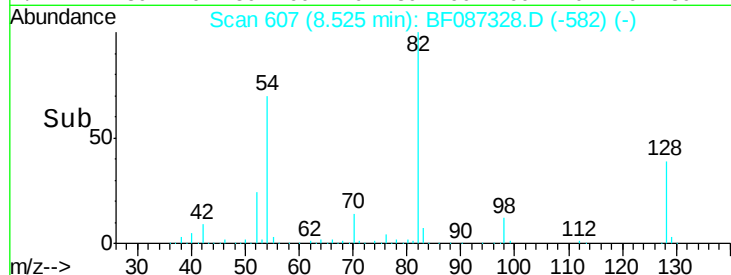
#23
 Nitrobenzene-d5
 Concen: 66.67 ng
 RT: 8.52 min Scan# 607
 Delta R.T. -0.01 min
 Lab File: BF087328.D
 Acq: 24 May 2016 7:18

Instrument :
 BNA_F
 ClientSampleId :
 SB-19-COMP

Tgt Ion: 82 Resp: 857324
 Ion Ratio Lower Upper
 82 100
 128 39.5 40.6 61.0#
 54 69.7 38.1 57.1#

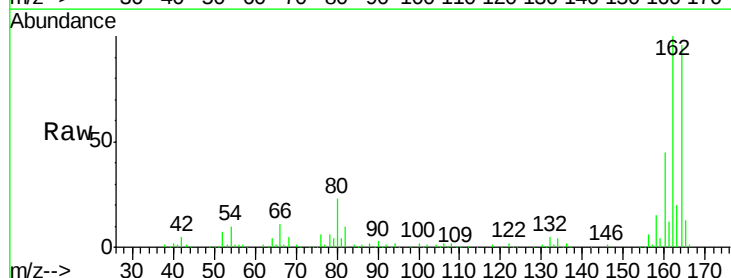


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

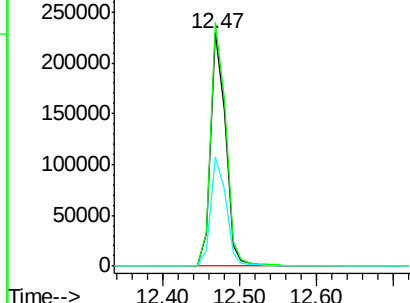
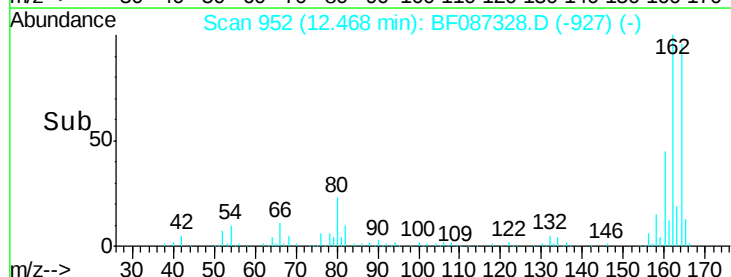


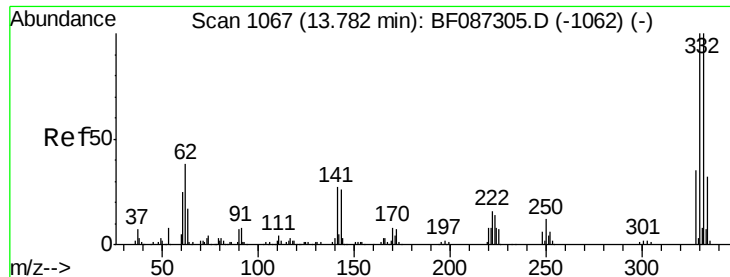
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.47 min Scan# 952
 Delta R.T. -0.01 min
 Lab File: BF087328.D
 Acq: 24 May 2016 7:18

Tgt Ion: 164 Resp: 308798
 Ion Ratio Lower Upper
 164 100
 162 104.4 82.8 124.2
 160 46.7 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

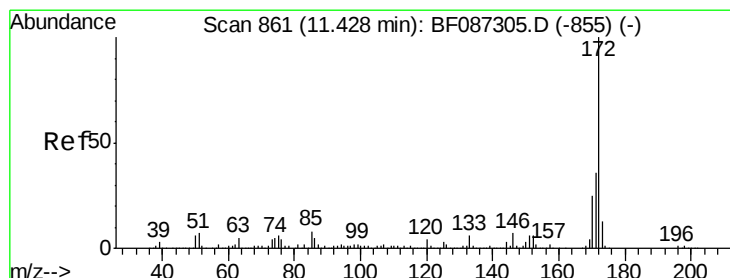
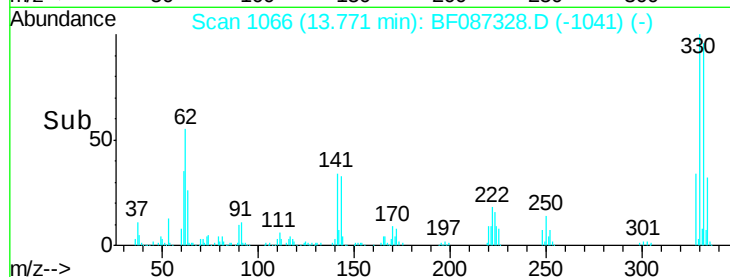
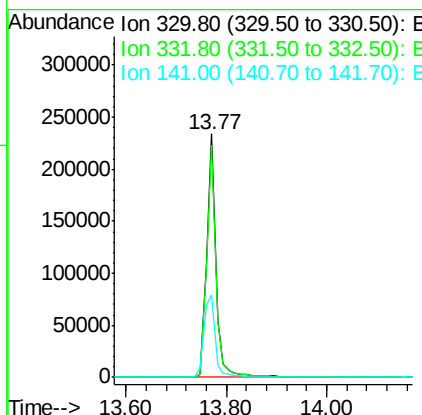
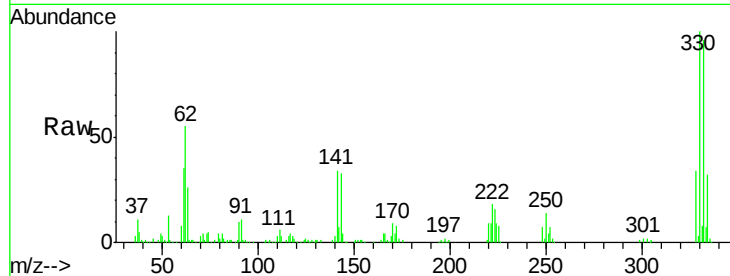




#41
 2,4,6-Tribromophenol
 Concen: 102.29 ng
 RT: 13.77 min Scan# 1066
 Delta R.T. -0.01 min
 Lab File: BF087328.D
 Acq: 24 May 2016 7:18

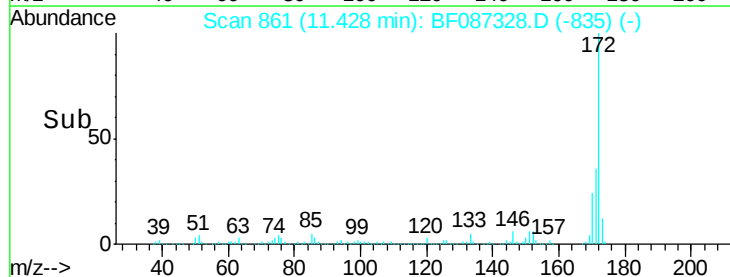
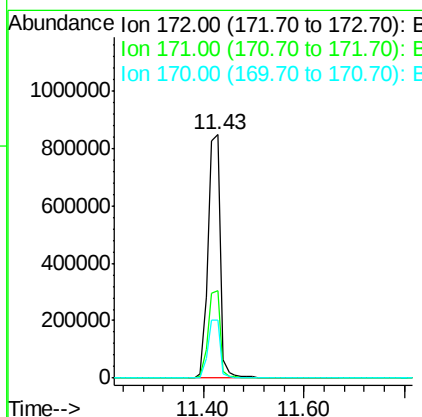
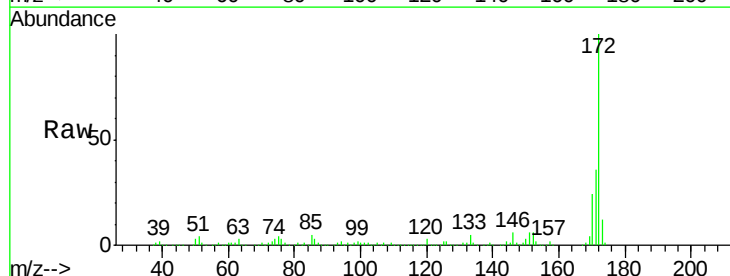
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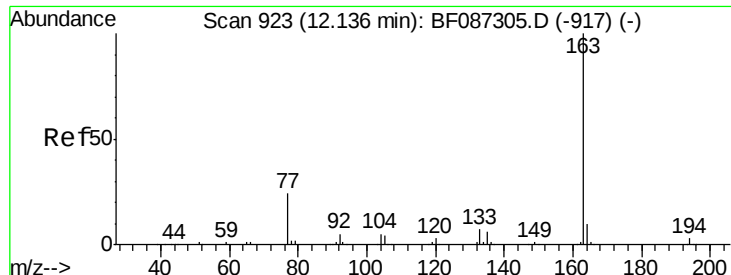
Tgt Ion:330 Resp: 303538
 Ion Ratio Lower Upper
 330 100
 332 96.2 79.0 118.4
 141 41.9 31.2 46.8



#44
 2-Fluorobiphenyl
 Concen: 66.07 ng
 RT: 11.43 min Scan# 861
 Delta R.T. -0.00 min
 Lab File: BF087328.D
 Acq: 24 May 2016 7:18

Tgt Ion:172 Resp: 1447258
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.0 43.6
 170 23.9 19.8 29.8





#49

Dimethylphthalate

Concen: 6.51 ng

RT: 12.11 min Scan# 921

Delta R.T. -0.02 min

Lab File: BF087328.D

Acq: 24 May 2016 7:18

Instrument :

BNA_F

ClientSampleId :

SB-19-COMP

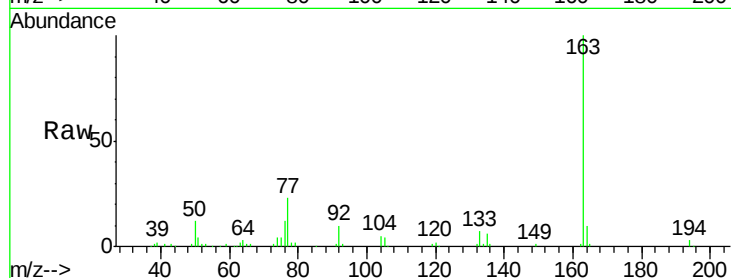
Tgt Ion:163 Resp: 161035

Ion Ratio Lower Upper

163 100

194 3.2 2.6 4.0

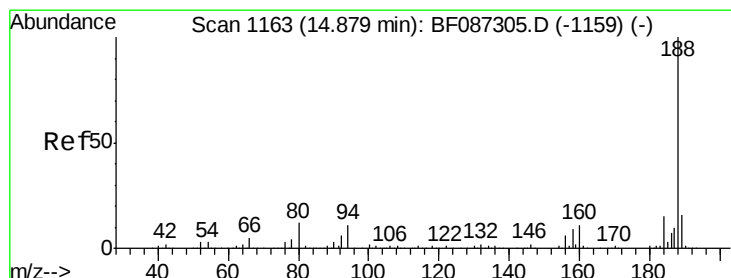
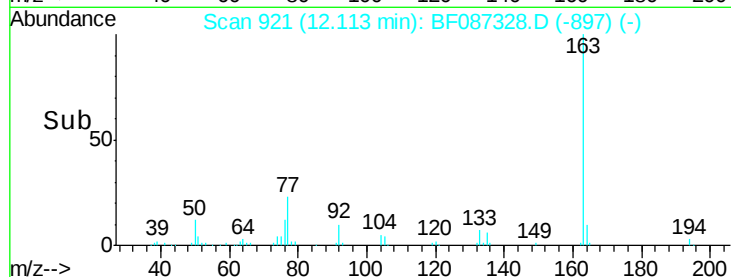
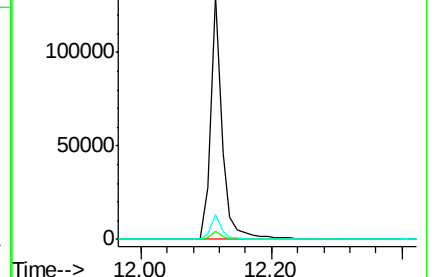
164 10.1 8.2 12.4



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 14.88 min Scan# 1163

Delta R.T. -0.00 min

Lab File: BF087328.D

Acq: 24 May 2016 7:18

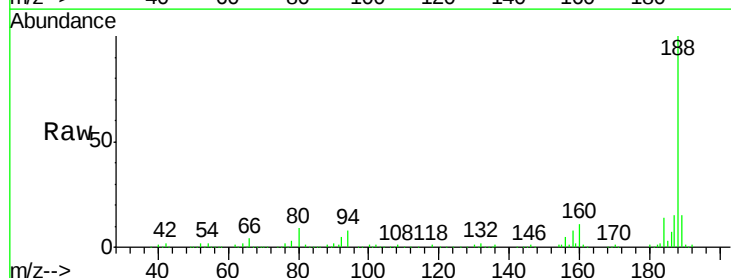
Tgt Ion:188 Resp: 578043

Ion Ratio Lower Upper

188 100

94 8.0 6.8 10.2

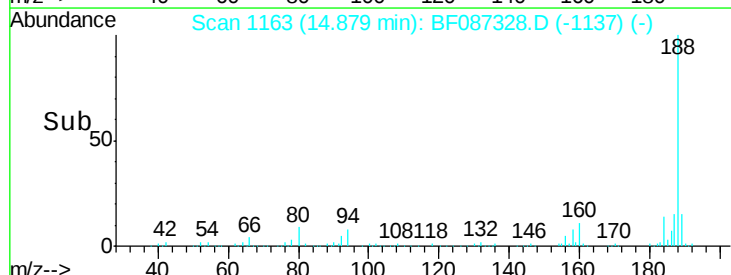
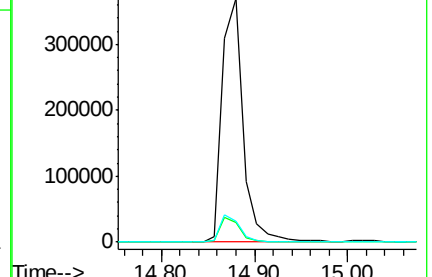
80 8.7 7.1 10.7



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: 18.56 min Scan# 1485

Delta R.T. -0.00 min

Lab File: BF087328.D

Acq: 24 May 2016 7:18

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SB-19-COMP

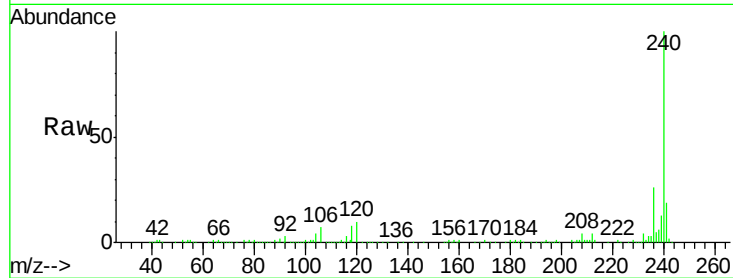
Tgt Ion:240 Resp: 442625

Ion Ratio Lower Upper

240 100

120 9.7 11.2 16.8#

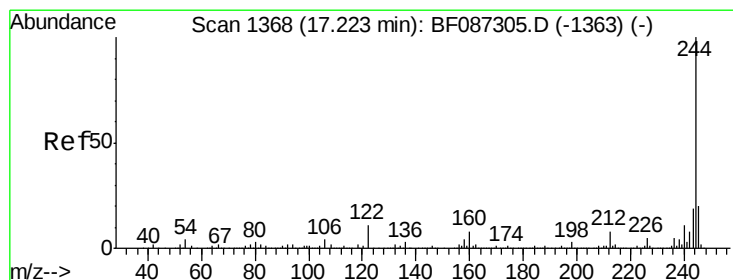
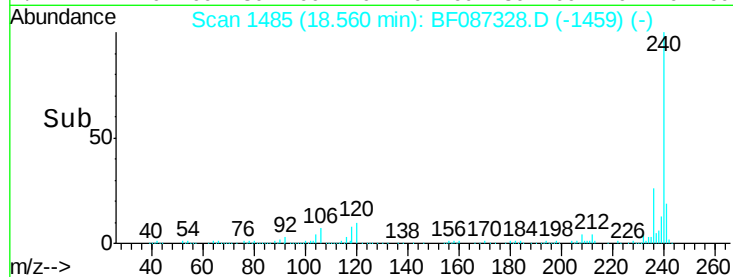
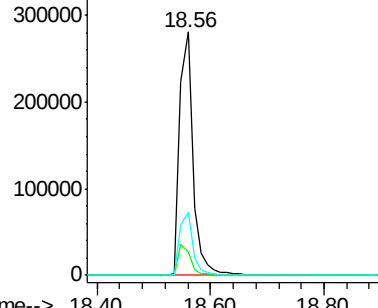
236 26.1 21.2 31.8



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: 60.72 ng

RT: 17.21 min Scan# 1367

Delta R.T. -0.01 min

Lab File: BF087328.D

Acq: 24 May 2016 7:18

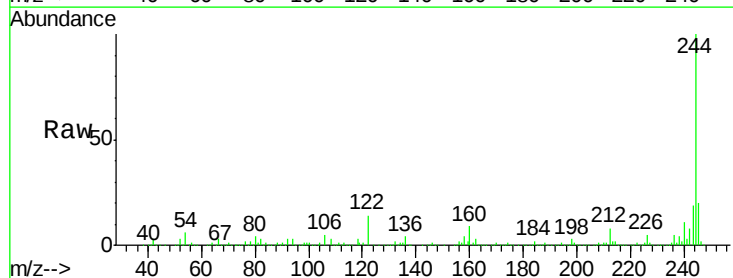
Tgt Ion:244 Resp: 1264259

Ion Ratio Lower Upper

244 100

212 8.1 6.2 9.2

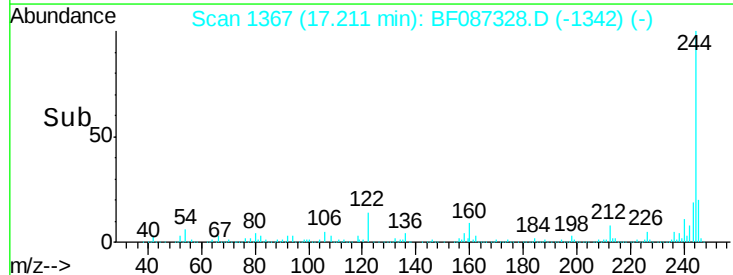
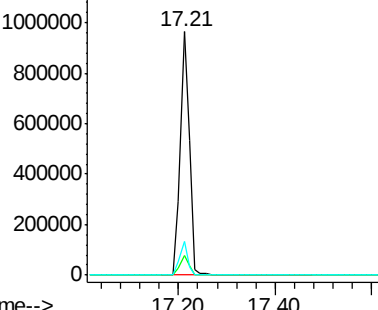
122 14.0 12.0 18.0

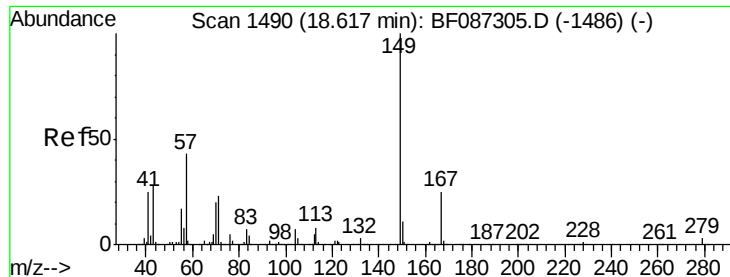


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 3.29 ng

RT: 18.61 min Scan# 1489

Delta R.T. -0.01 min

Lab File: BF087328.D

Acq: 24 May 2016 7:18

Instrument :

BNA_F

ClientSampleId :

SB-19-COMP

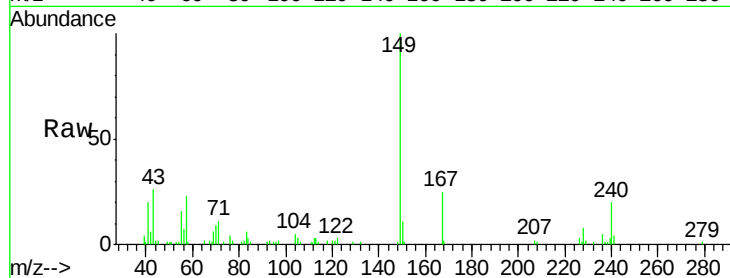
Tgt Ion:149 Resp: 67784

Ion Ratio Lower Upper

149 100

167 25.2 21.8 32.6

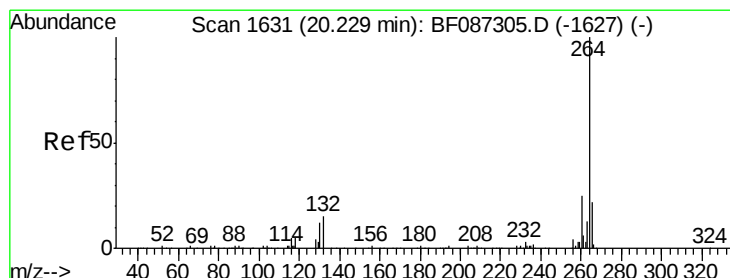
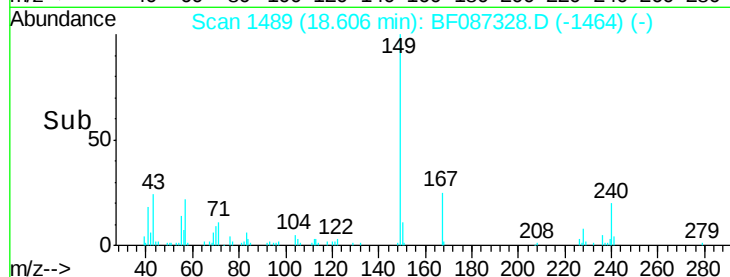
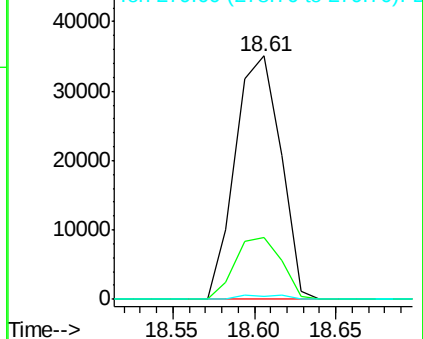
279 1.4 2.6 4.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 20.22 min Scan# 1630

Delta R.T. -0.01 min

Lab File: BF087328.D

Acq: 24 May 2016 7:18

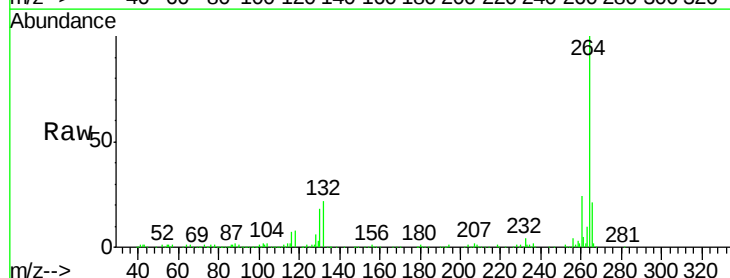
Tgt Ion:264 Resp: 325226

Ion Ratio Lower Upper

264 100

260 24.2 19.5 29.3

265 21.0 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

