

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052616\
 Data File : BF087413.D
 Acq On : 26 May 2016 17:49
 Operator : UM/SJ
 Sample : H3233-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 052016-P42-E-D-M

Quant Time: May 27 01:28:26 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

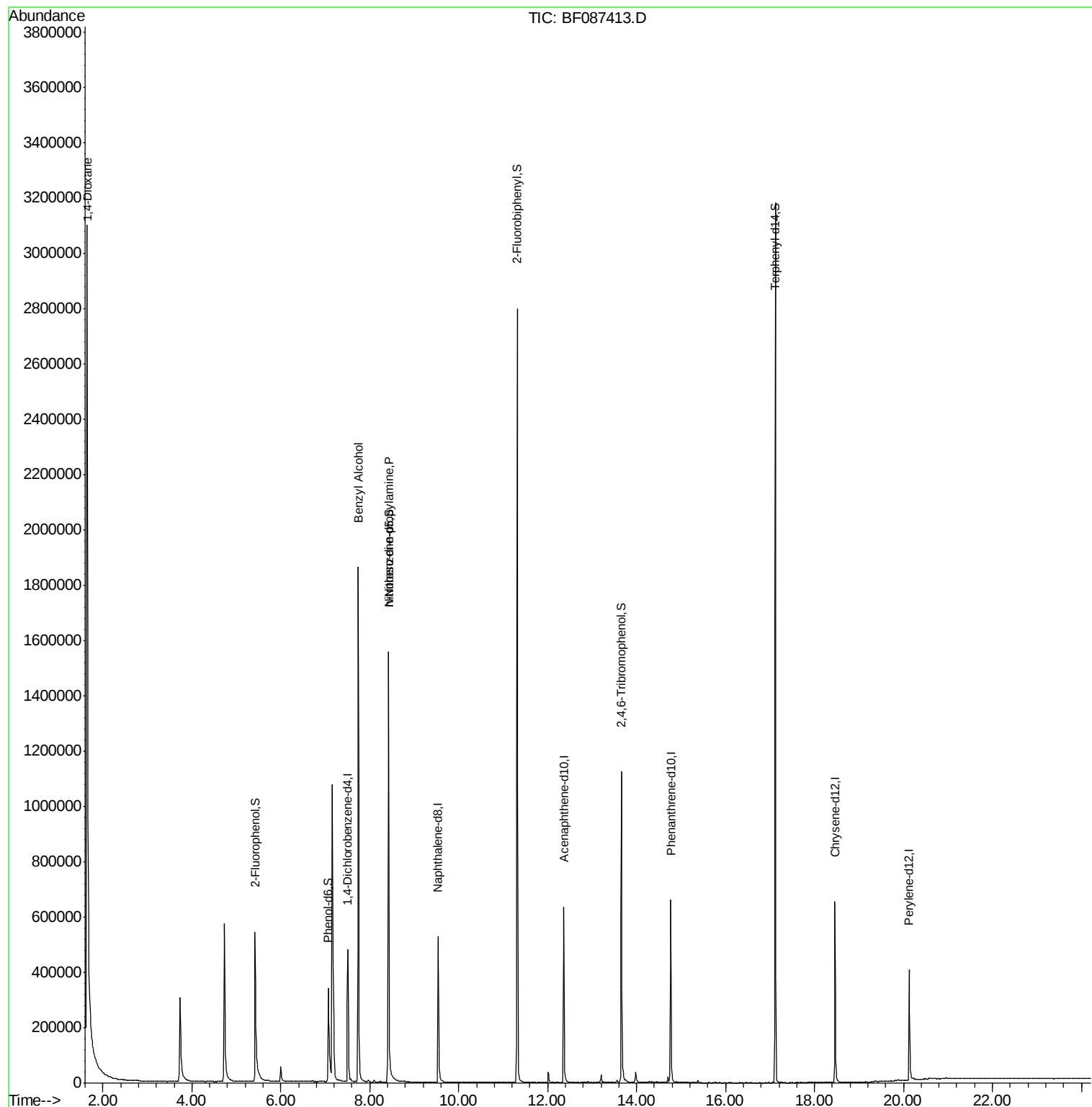
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	100071	20.00	ng	-0.01
21) Naphthalene-d8	9.53	136	404437	20.00	ng	-0.02
38) Acenaphthene-d10	12.36	164	189568	20.00	ng	-0.02
63) Phenanthrene-d10	14.77	188	366604	20.00	ng	-0.01
75) Chrysene-d12	18.46	240	300668	20.00	ng	-0.02
86) Perylene-d12	20.13	264	211357	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	274812	48.25	ng	0.00
7) Phenol-d6	7.06	99	237906	30.92	ng	-0.01
23) Nitrobenzene-d5	8.42	82	725720	90.44	ng	-0.02
41) 2,4,6-Tribromophenol	13.66	330	159999	87.83	ng	-0.02
44) 2-Fluorobiphenyl	11.31	172	1176344	87.48	ng	-0.02
78) Terphenyl-d14	17.12	244	1145163	80.97	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	1.64	88	147975	49.24	ng	# 22
15) Benzyl Alcohol	7.74	79	12318	2.20	ng	# 43
19) n-Nitroso-di-n-propylamine	8.42	70	96992	16.90	ng	# 76

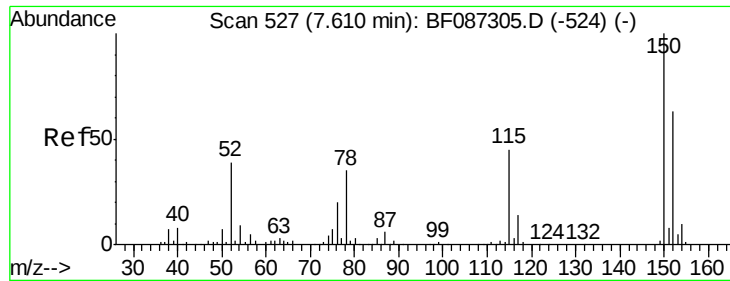
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.51 min Scan# 518

Delta R.T. -0.01 min

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BNA_F

ClientSampleId :

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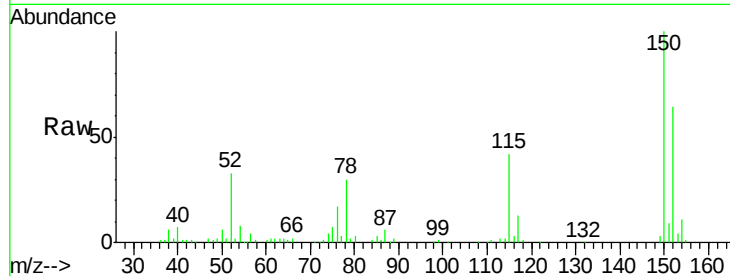
Tgt Ion:152 Resp: 100071

Ion Ratio Lower Upper

152 100

150 155.4 125.8 188.6

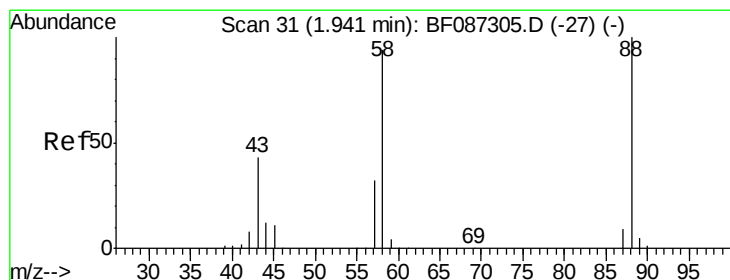
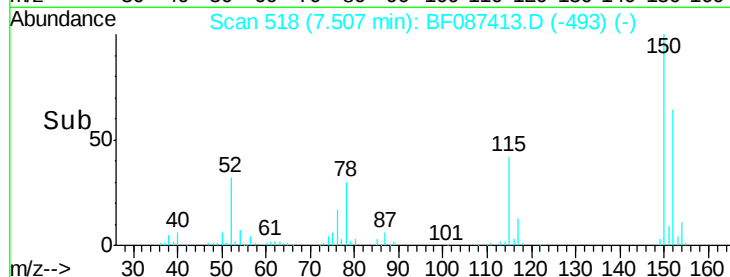
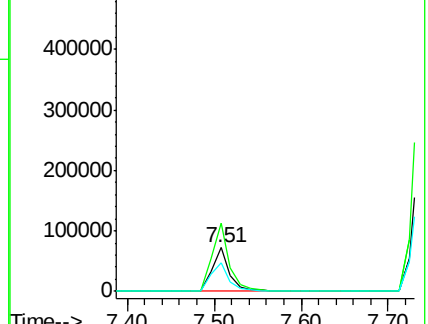
115 65.9 51.5 77.3



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: 49.24 ng

RT: 1.64 min Scan# 5

Delta R.T. -0.17 min

Lab File: BF087413.D

Acq: 26 May 2016 17:49

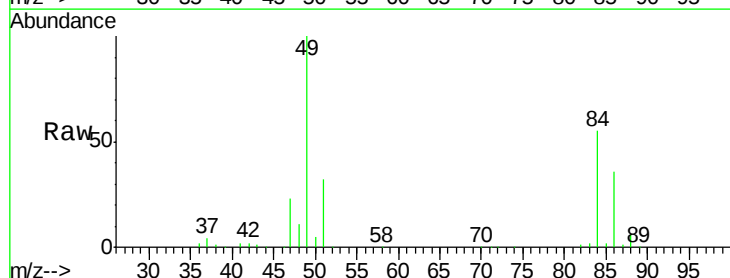
Tgt Ion: 88 Resp: 147975

Ion Ratio Lower Upper

88 100

58 0.0 59.6 89.4#

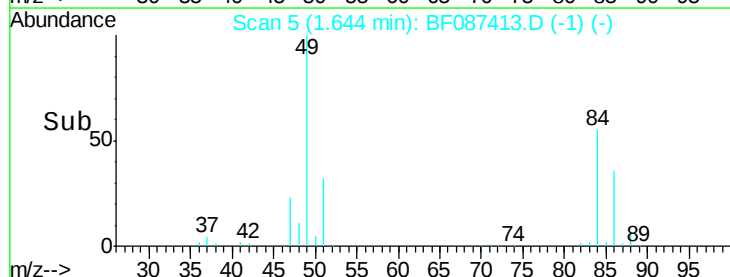
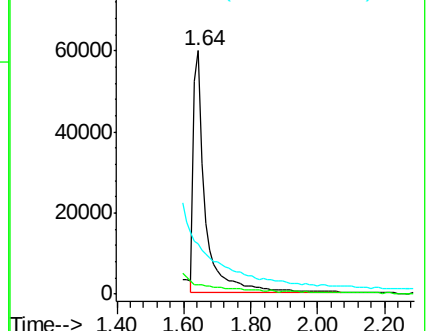
43 0.0 21.8 32.6#

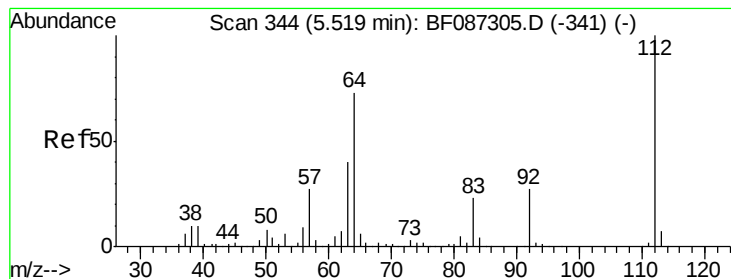


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 48.25 ng

RT: 5.42 min Scan# 335

Delta R.T. -0.00 min

Lab File: BF087413.D

Acq: 26 May 2016 17:49

Instrument :

BNA_F

ClientSampleId :

052016-P42-E-D-M

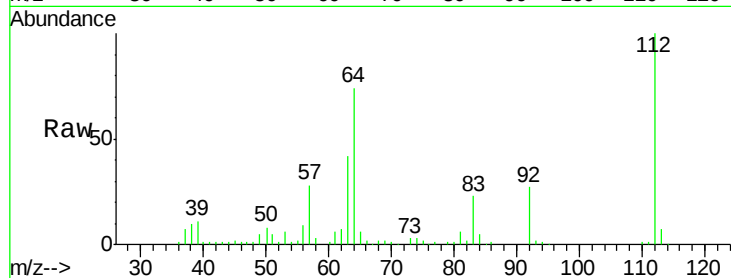
Tgt Ion: 112 Resp: 274812

Ion Ratio Lower Upper

112 100

64 73.7 52.1 78.1

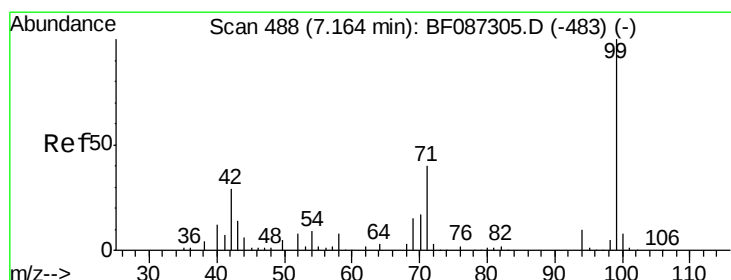
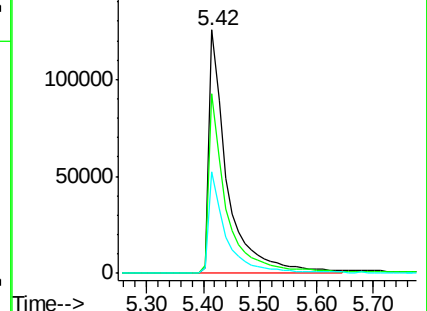
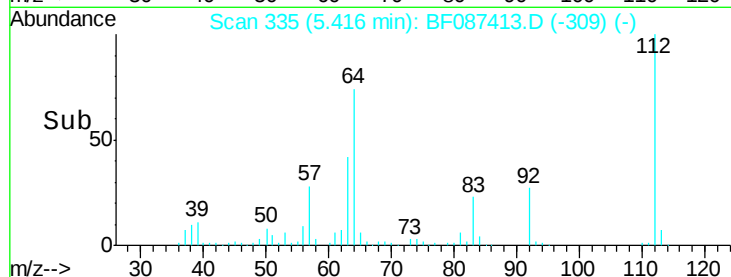
63 41.7 25.7 38.5#



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: 30.92 ng

RT: 7.06 min Scan# 479

Delta R.T. -0.01 min

Lab File: BF087413.D

Acq: 26 May 2016 17:49

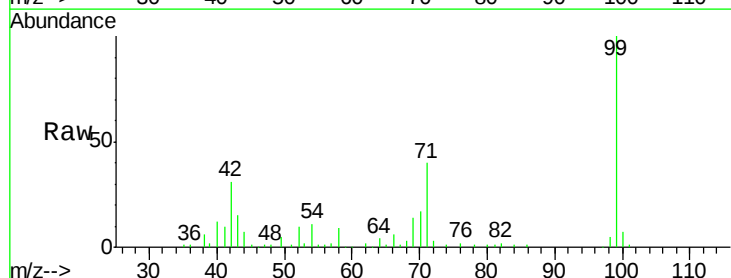
Tgt Ion: 99 Resp: 237906

Ion Ratio Lower Upper

99 100

42 30.6 13.6 20.4#

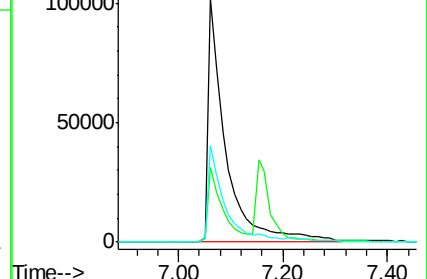
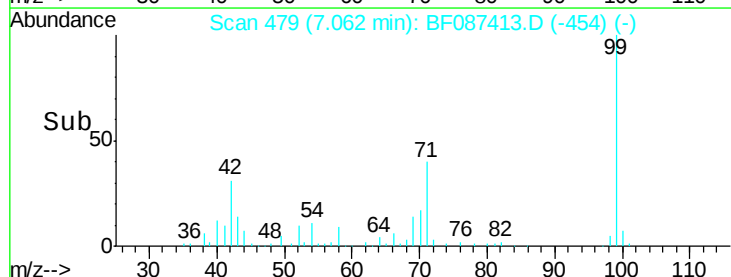
71 39.6 24.6 36.8#

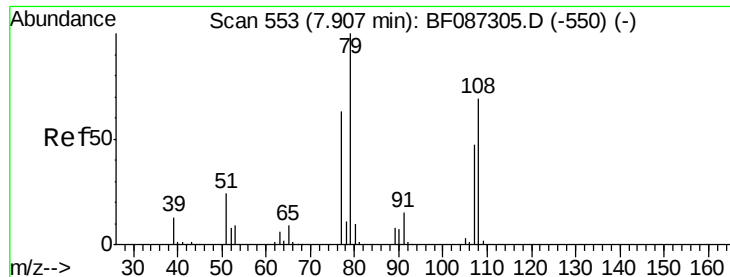


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#15

Benzyl Alcohol

Concen: 2.20 ng

RT: 7.74 min Scan# 538

Delta R.T. -0.08 min

Lab File: BF087413.D

Acq: 26 May 2016 17:49

Instrument :

BNA_F

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052016-P42-E-D-M

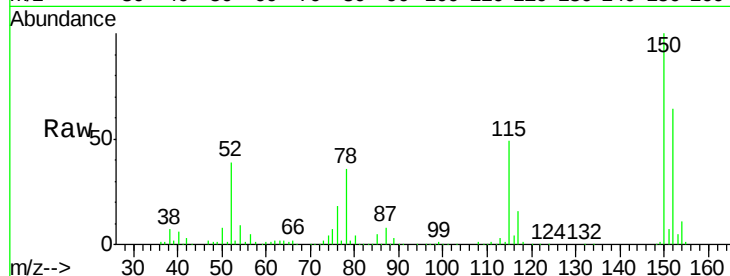
Tgt Ion: 79 Resp: 12318

Ion Ratio Lower Upper

79 100

108 31.9 68.4 102.6#

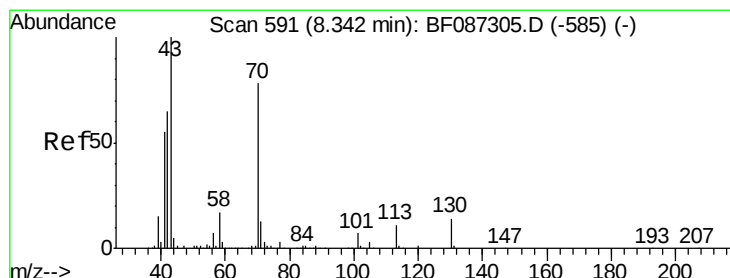
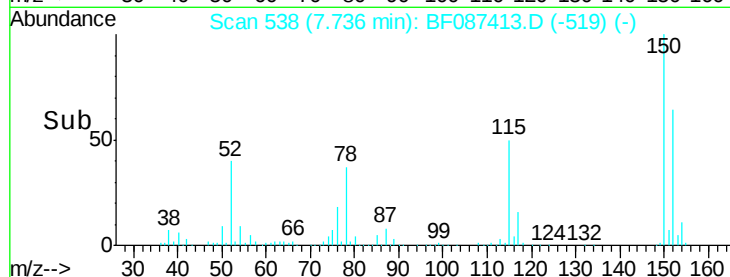
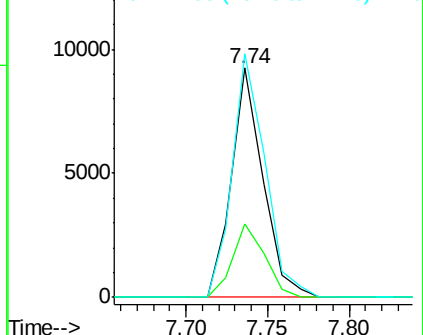
77 106.2 50.6 76.0#



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: 16.90 ng

RT: 8.42 min Scan# 598

Delta R.T. 0.17 min

Lab File: BF087413.D

Acq: 26 May 2016 17:49

Tgt Ion: 70 Resp: 96992

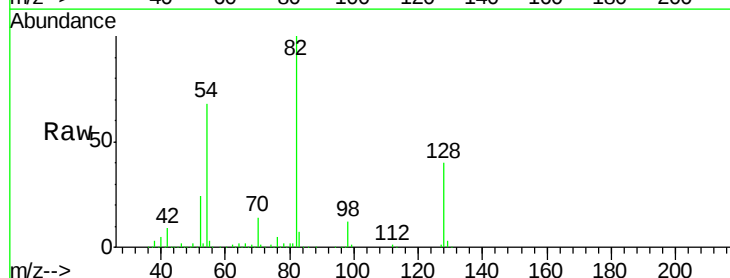
Ion Ratio Lower Upper

70 100

42 64.6 43.1 64.7

101 0.0 8.1 12.1#

130 1.9 18.6 28.0#

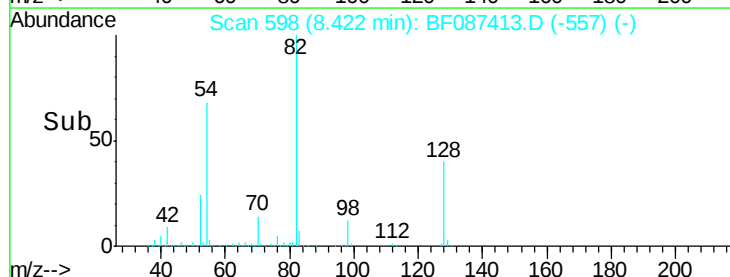
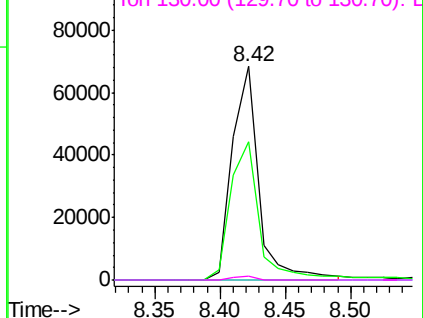


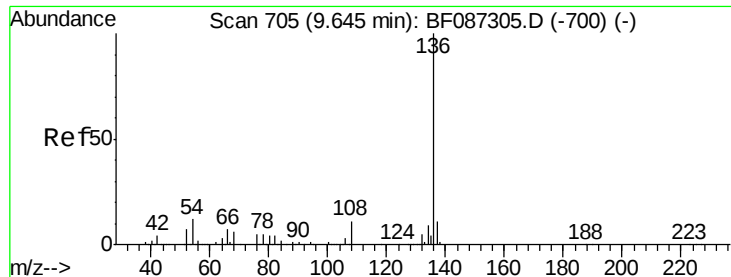
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

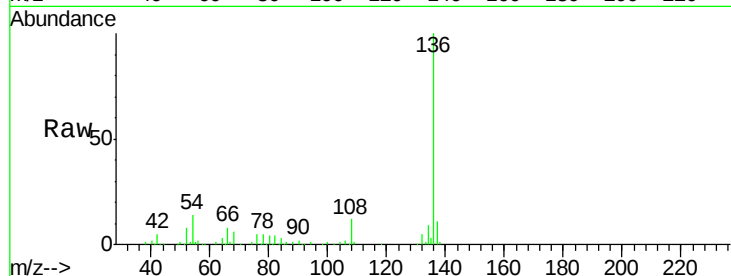




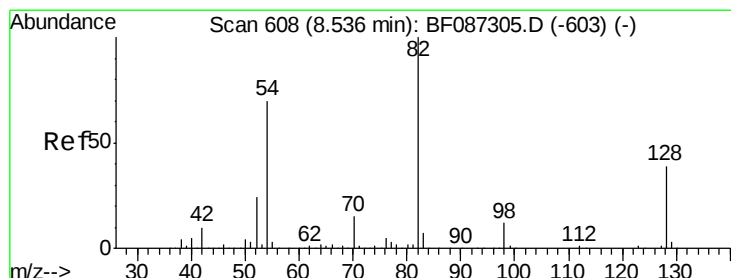
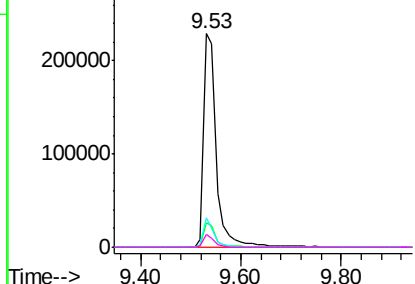
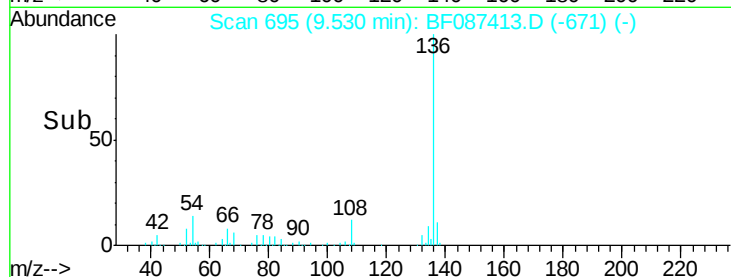
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.53 min Scan# 695
Delta R.T. -0.02 min
Lab File: BF087413.D
Acq: 26 May 2016 17:49

Instrument :
BNA_F
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052016-P42-E-D-M

Tgt Ion:	136	Resp:	404437
Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.8	13.2
54	13.5	5.0	7.4#
68	6.2	4.4	6.6

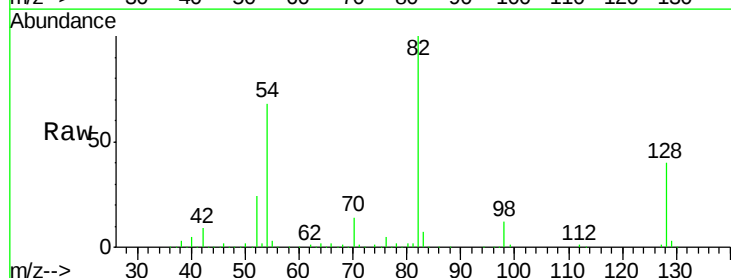


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

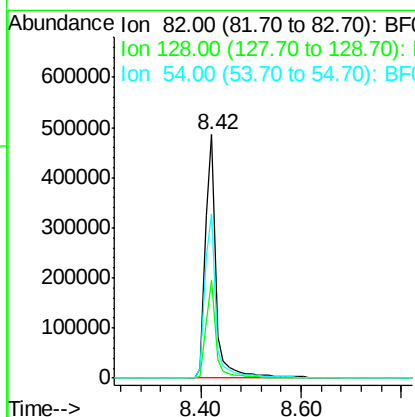
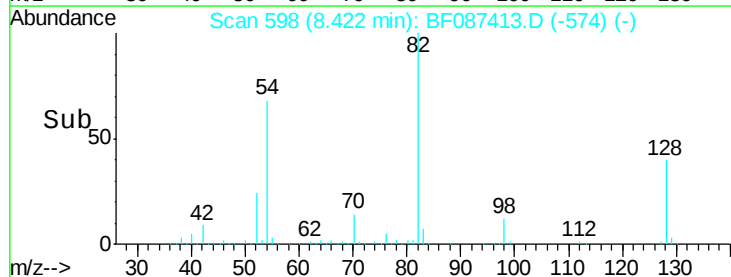


#23
Nitrobenzene-d5
Concen: 90.44 ng
RT: 8.42 min Scan# 598
Delta R.T. -0.02 min
Lab File: BF087413.D
Acq: 26 May 2016 17:49

Tgt Ion:	82	Resp:	725720
Ion	Ratio	Lower	Upper
82	100		
128	40.3	40.6	61.0#
54	67.6	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: 12.36 min Scan# 943

Delta R.T. -0.02 min

Lab File: BF087413.D

Acq: 26 May 2016 17:49

Instrument :

BNA_F

ClientSampleId :

052016-P42-E-D-M

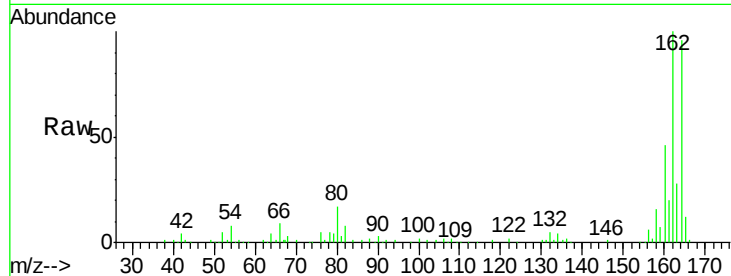
Tgt Ion:164 Resp: 189568

Ion Ratio Lower Upper

164 100

162 103.8 82.8 124.2

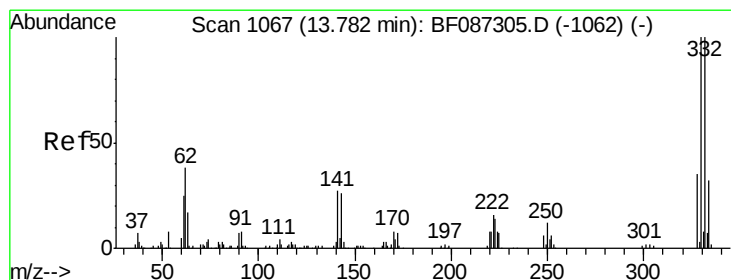
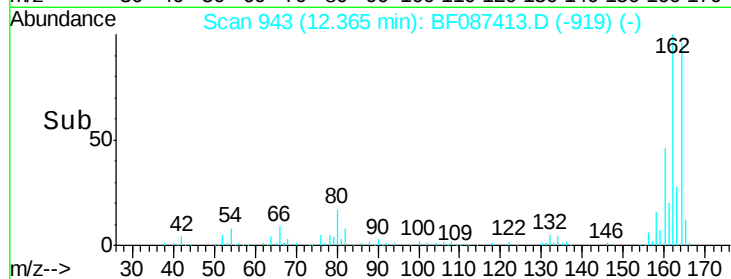
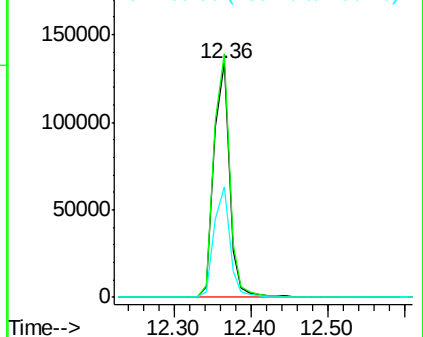
160 47.4 36.9 55.3



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: 87.83 ng

RT: 13.66 min Scan# 1056

Delta R.T. -0.02 min

Lab File: BF087413.D

Acq: 26 May 2016 17:49

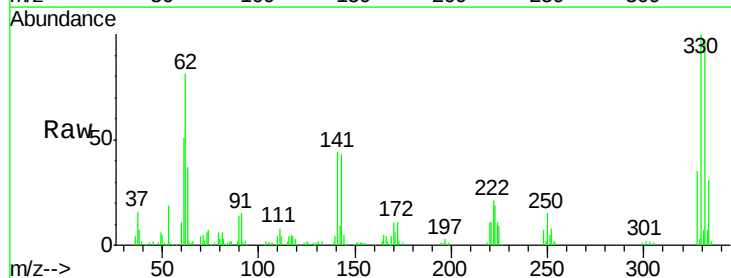
Tgt Ion:330 Resp: 159999

Ion Ratio Lower Upper

330 100

332 97.0 79.0 118.4

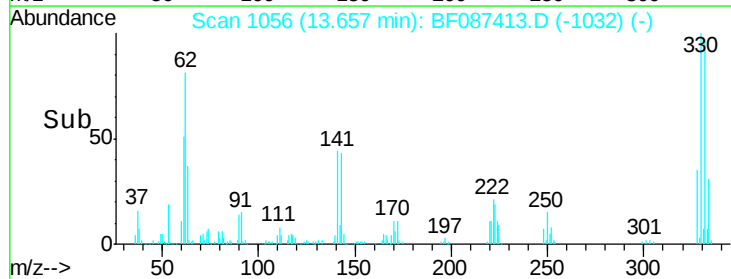
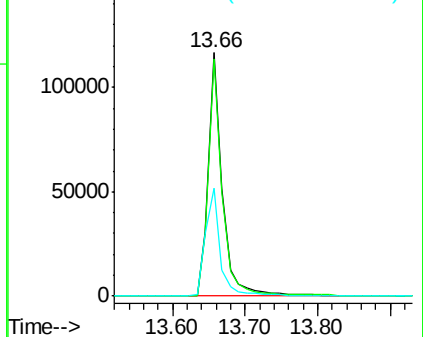
141 46.0 31.2 46.8

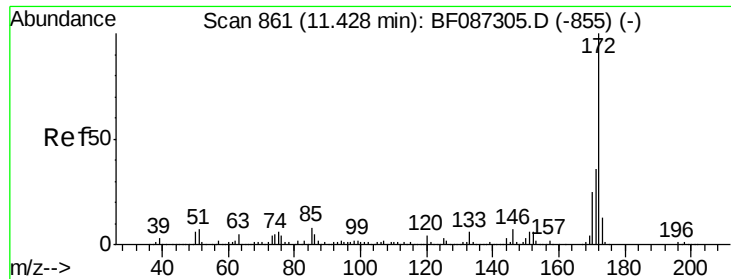


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 87.48 ng

RT: 11.31 min Scan# 851

Delta R.T. -0.02 min

Lab File: BF087413.D

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052016-P42-E-D-M

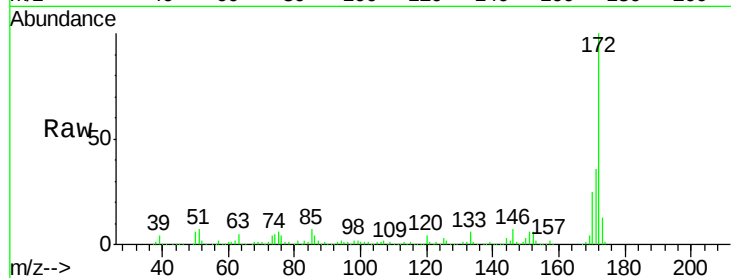
Tgt Ion:172 Resp: 1176344

Ion Ratio Lower Upper

172 100

171 35.8 29.0 43.6

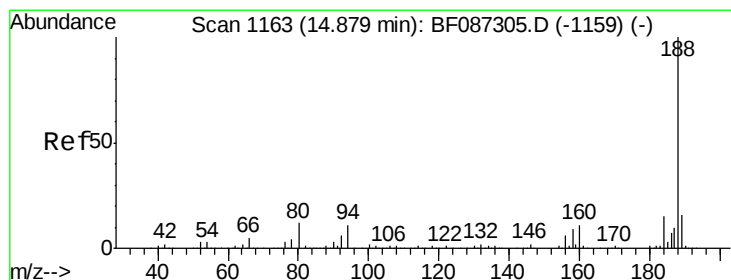
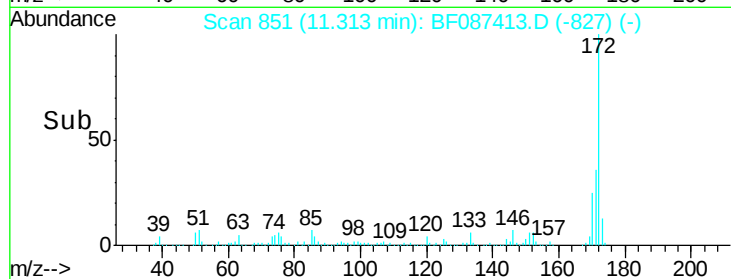
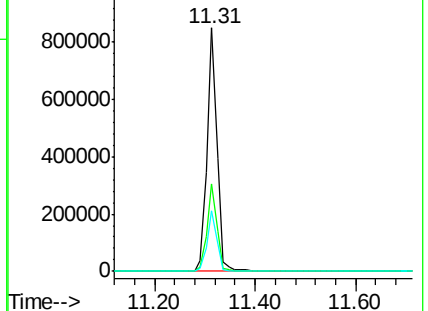
170 24.7 19.8 29.8



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 14.77 min Scan# 1153

Delta R.T. -0.01 min

Lab File: BF087413.D

Acq: 26 May 2016 17:49

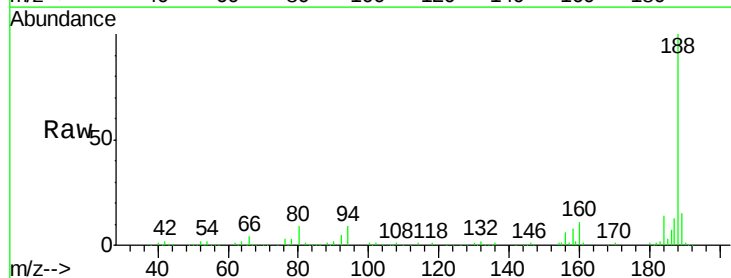
Tgt Ion:188 Resp: 366604

Ion Ratio Lower Upper

188 100

94 8.6 6.8 10.2

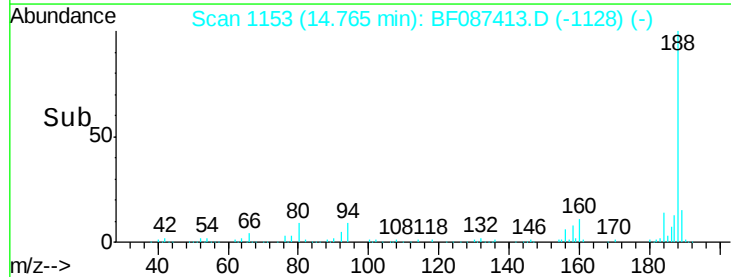
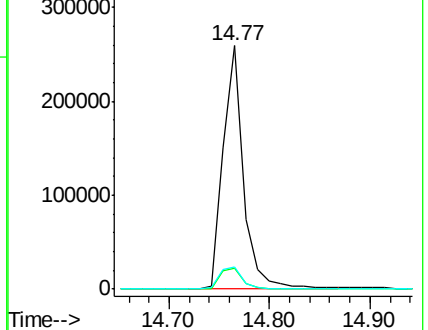
80 9.3 7.1 10.7



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: 18.46 min Scan# 1476

Delta R.T. -0.02 min

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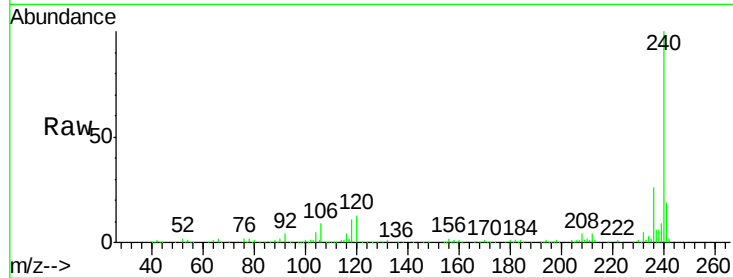
Tgt Ion:240 Resp: 300668

Ion Ratio Lower Upper

240 100

120 12.7 11.2 16.8

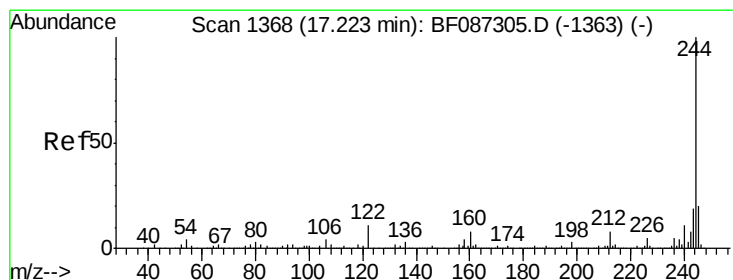
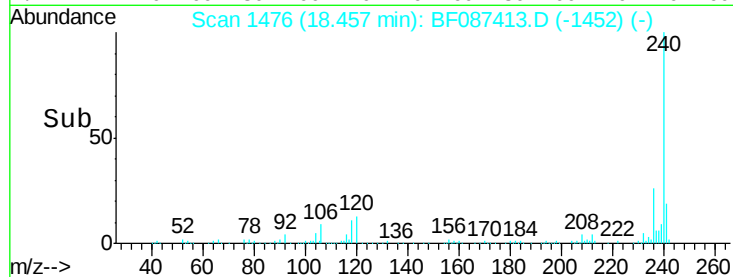
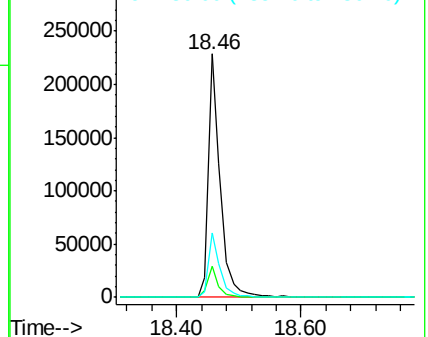
236 26.4 21.2 31.8



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: 80.97 ng

RT: 17.12 min Scan# 1359

Delta R.T. -0.01 min

Lab File: BF087413.D

Acq: 26 May 2016 17:49

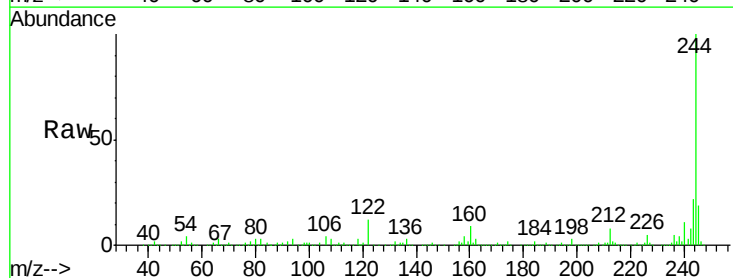
Tgt Ion:244 Resp: 1145163

Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.2

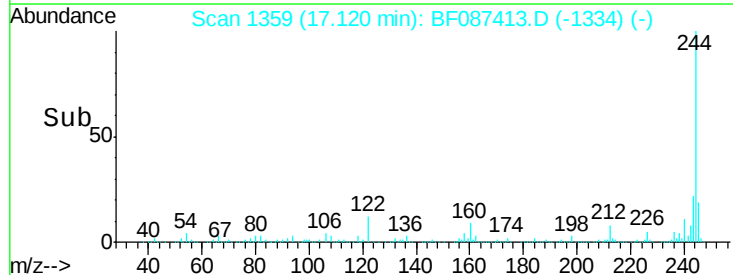
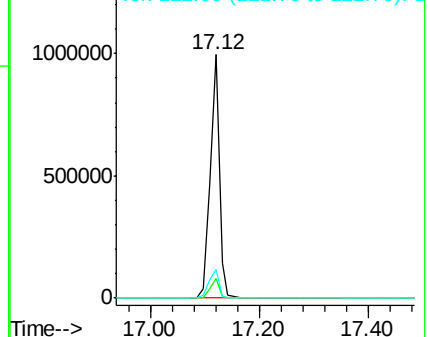
122 11.9 12.0 18.0#

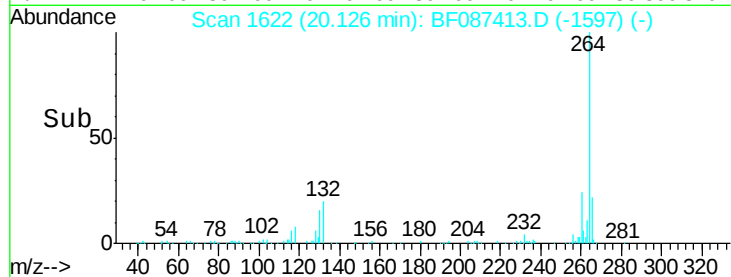
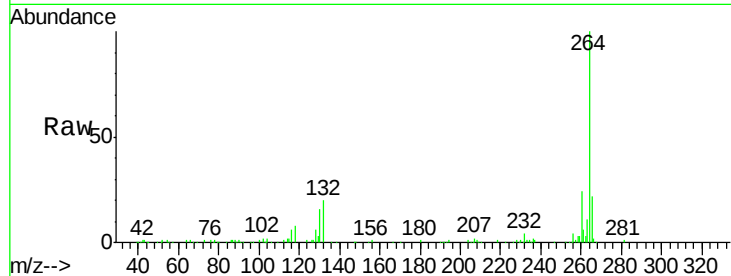
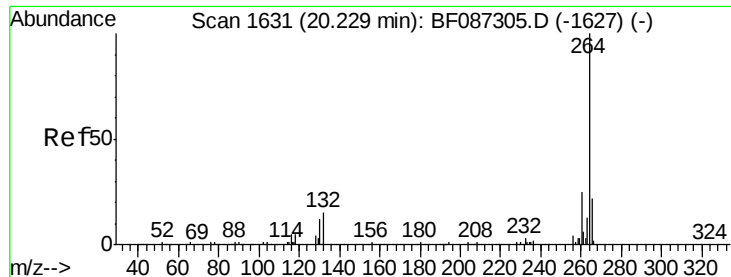


Abundance Ion 244.00 (243.70 to 244.70): E

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: 20.13 min Scan# 1622

Delta R.T. -0.01 min

Lab File: BF087413.D

Acq: 26 May 2016 17:49

Instrument :

BNA_F

ClientSampleId :

052016-P42-E-D-M

Tgt Ion: 264 Resp: 211357

Ion Ratio Lower Upper

264 100

260 24.2 19.5 29.3

265 21.6 17.3 25.9

