

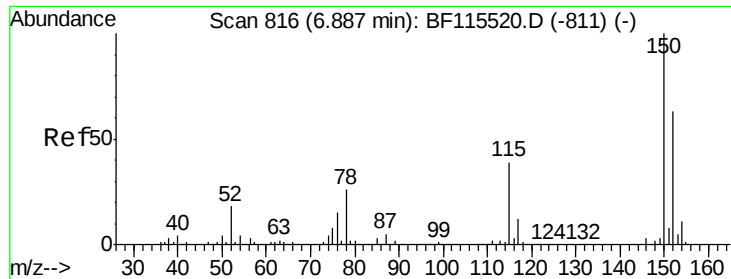
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071919\
 Data File : BF115684.D
 Acq On : 19 Jul 2019 20:55
 Operator : HP/JU
 Sample : K3868-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 20 01:41:32 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 12 14:03:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	221237	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	873337	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	432964	20.00	ng	-0.01
64) Phenanthrene-d10	11.40	188	754323	20.00	ng	0.00
76) Chrysene-d12	14.04	240	445953	20.00	ng	0.00
87) Perylene-d12	15.52	264	384790	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	1374064	101.59	ng	0.02
7) Phenol-d6	6.52	99	1680615	97.93	ng	0.00
23) Nitrobenzene-d5	7.45	82	1330814	88.61	ng	0.00
42) 2,4,6-Tribromophenol	10.71	330	553251	109.47	ng	0.00
45) 2-Fluorobiphenyl	9.24	172	2217463	89.64	ng	-0.01
79) Terphenyl-d14	12.99	244	2102475	86.99	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.45	70	179484	16.035	ng	# 78
25) Isophorone	7.45	82	1313278	43.697	ng	# 64
50) Dimethylphthalate	9.63	163	146389	4.494	ng	# 98
51) 2,6-Dinitrotoluene	9.92	165	56341	7.611	ng	# 27
57) 2,4-Dinitrotoluene	9.92	165	56341	5.874	ng	# 24
67) 4-Bromophenyl-phenylether	10.71	248	33914	3.934	ng	# 1

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

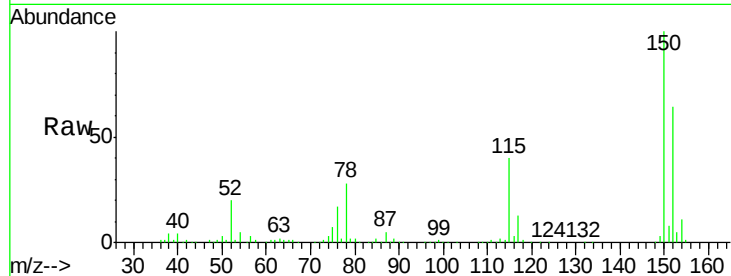


#1

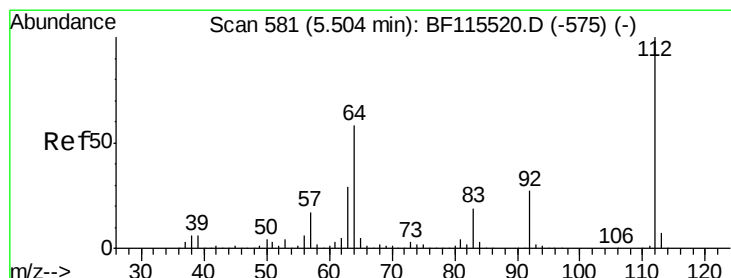
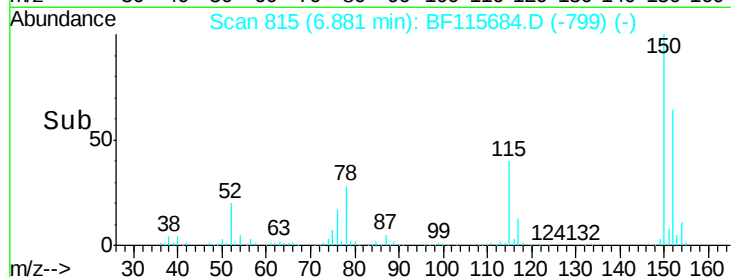
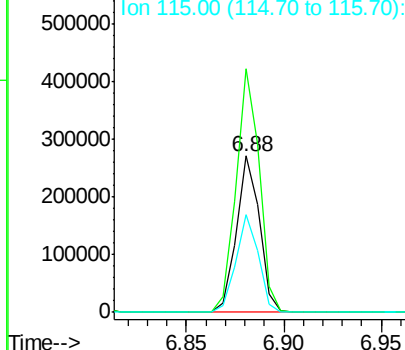
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF115684.D
Acq: 19 Jul 2019 20:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 221237
Ion Ratio Lower Upper
152 100
150 156.1 129.7 194.5
115 62.3 48.2 72.4



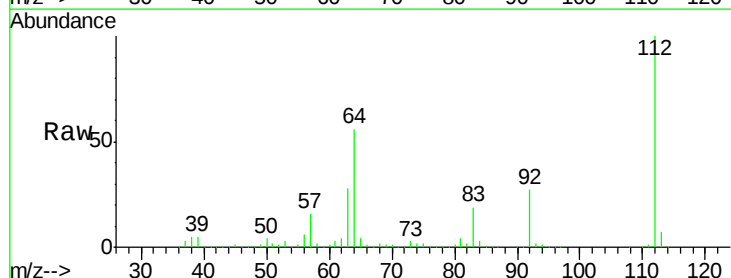
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



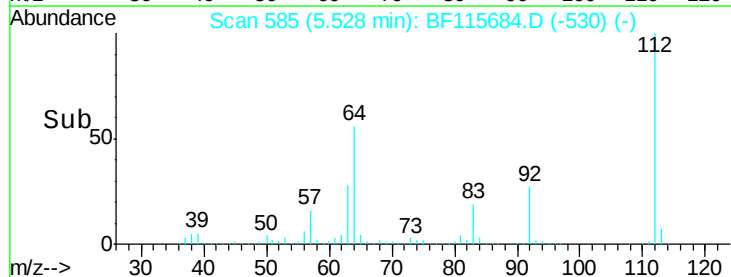
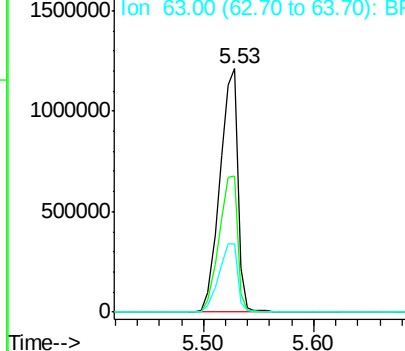
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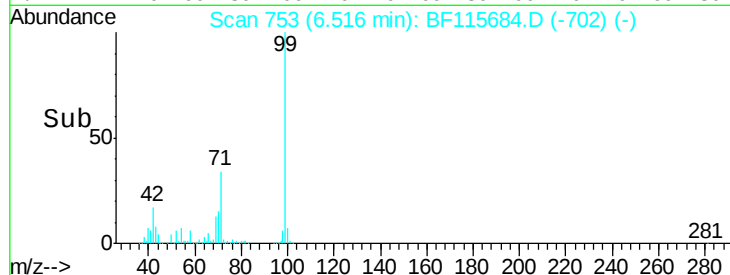
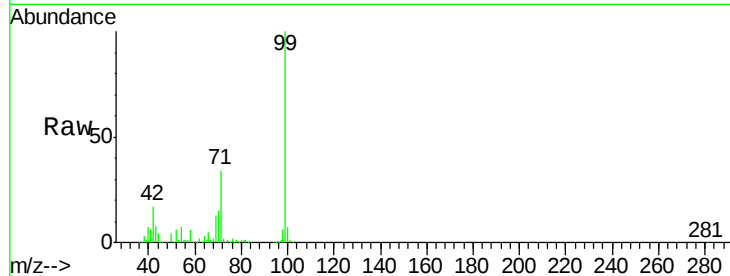
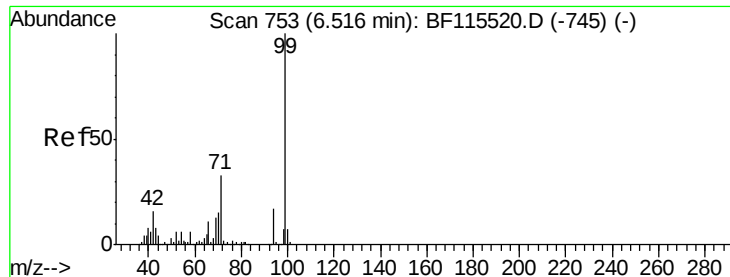
2-Fluorophenol
Concen: 101.591 ng
RT: 5.53 min Scan# 585
Delta R.T. 0.02 min
Lab File: BF115684.D
Acq: 19 Jul 2019 20:55

Tgt Ion:112 Resp: 1374064
Ion Ratio Lower Upper
112 100
64 55.8 46.8 70.2
63 28.0 24.1 36.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 97.925 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF115684.D

Acq: 19 Jul 2019 20:55

Instrument :

BNA_F

ClientSampleId :

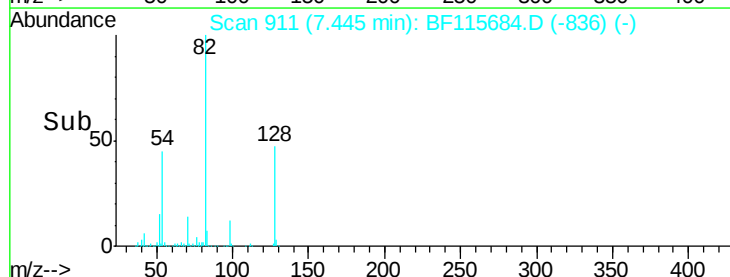
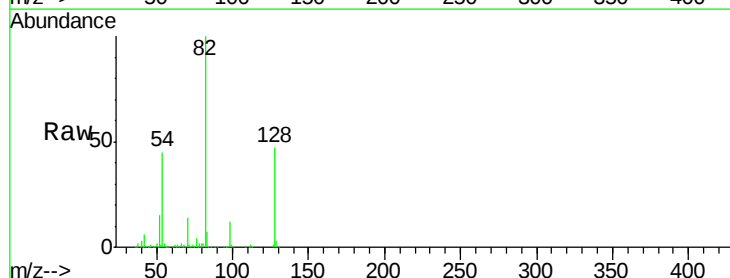
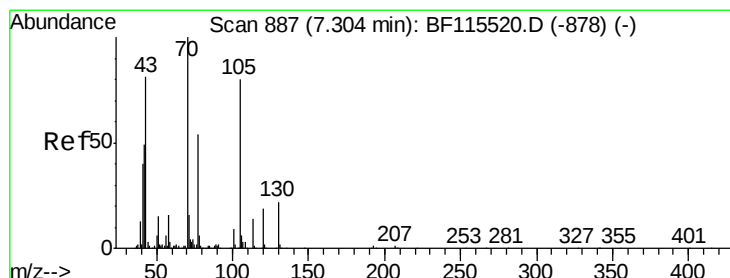
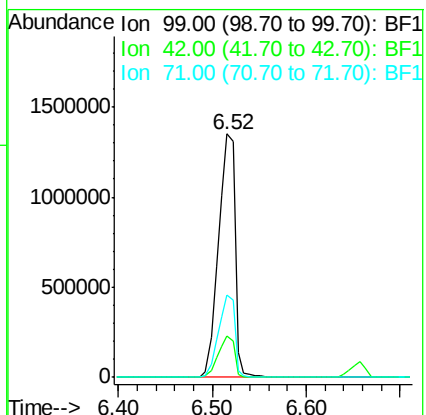
Tot Ion: 99 Resp: 1680615

Ion Ratio Lower Upper

99 100

42 16.8 13.6 20.4

71 34.0 28.5 42.7



#19

n-Nitroso-di-n-propylamine

Concen: 16.035 ng

RT: 7.45 min Scan# 911

Delta R.T. 0.14 min

Lab File: BF115684.D

Acq: 19 Jul 2019 20:55

Tgt Ion: 70 Resp: 179484

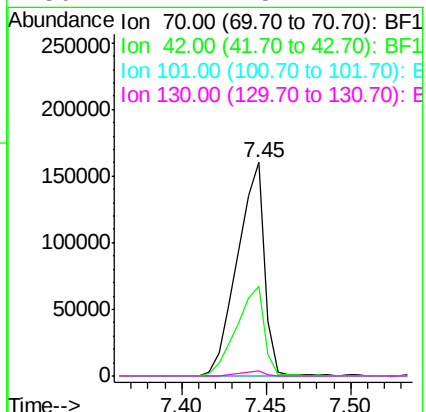
Ion Ratio Lower Upper

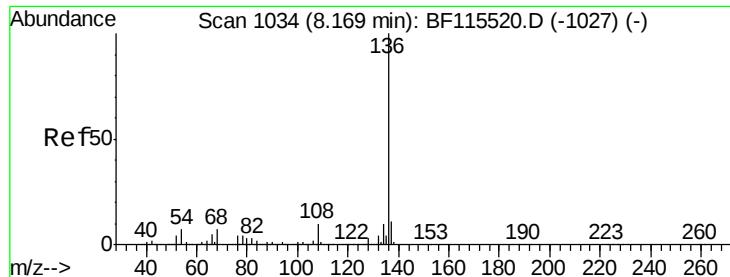
70 100

42 41.7 39.6 59.4

101 0.0 8.1 12.1#

130 2.2 18.2 27.2#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1033

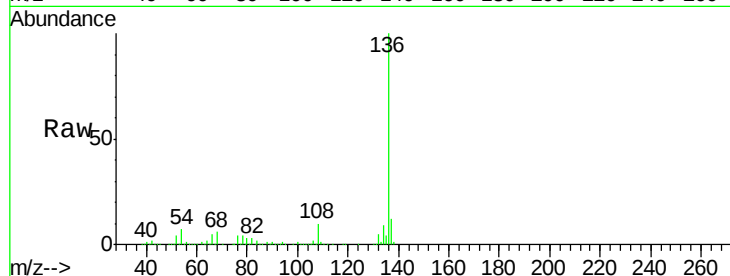
Delta R.T. -0.01 min

Lab File: BF115684.D

Acq: 19 Jul 2019 20:55

Instrument :
BNA_F
ClientSampled :

Tot Ion:136	Resp:	873337
Ion Ratio	Lower	Upper
136 100		
137 11.5	9.0	13.4
54 7.0	5.6	8.4
68 6.4	5.0	7.6

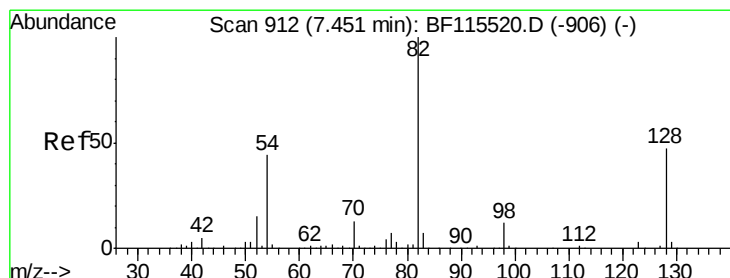
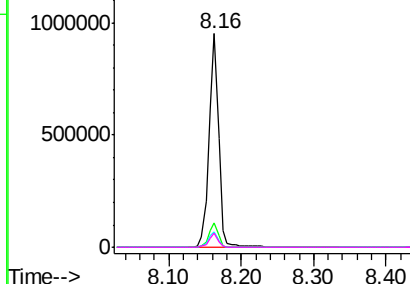
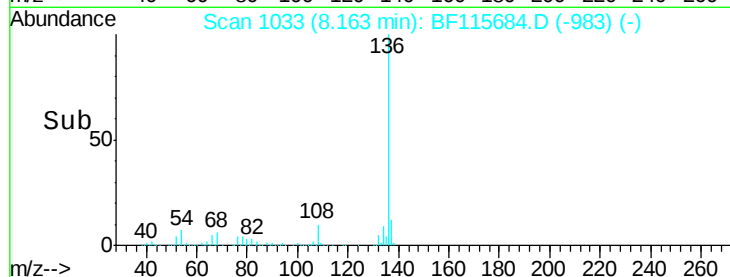


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#23

Nitrobenzene-d5

Concen: 88.605 ng

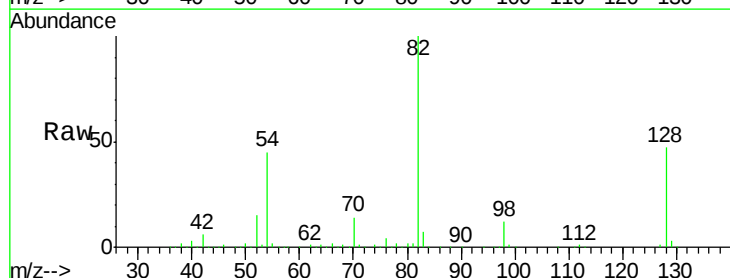
RT: 7.45 min Scan# 911

Delta R.T. -0.01 min

Lab File: BF115684.D

Acq: 19 Jul 2019 20:55

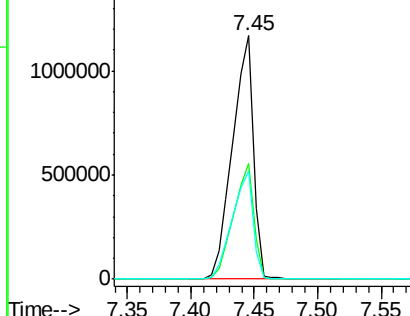
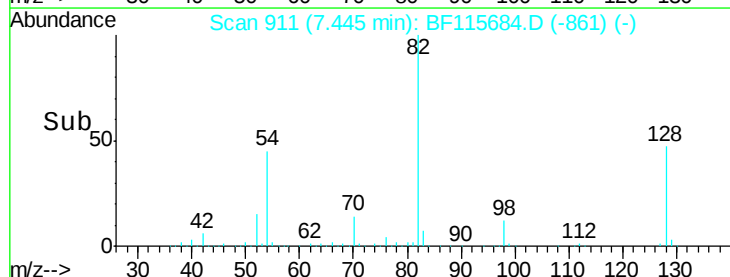
Tgt Ion: 82	Resp: 1330814
Ion Ratio	Lower Upper
82 100	
128 47.5	38.6 57.8
54 44.5	35.6 53.4

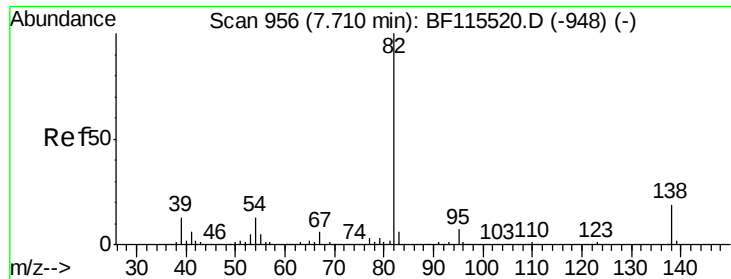


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

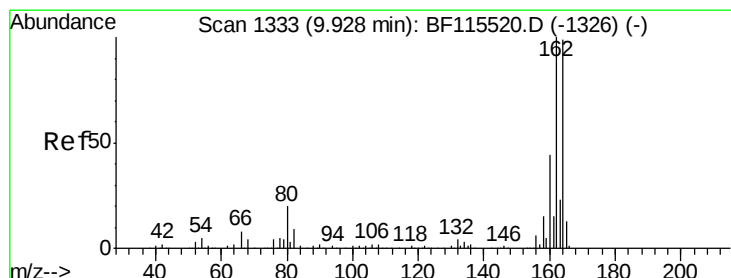
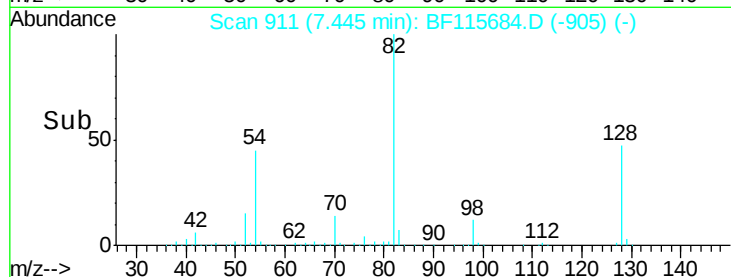
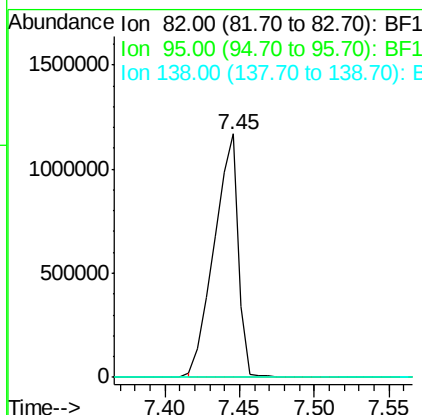
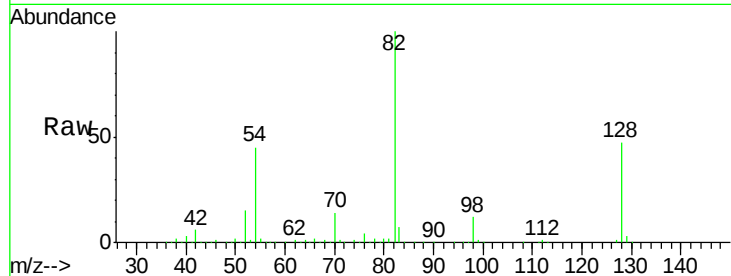




#25
Isophorone
Concen: 43.697 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.26 min
Lab File: BF115684.D
Acq: 19 Jul 2019 20:55

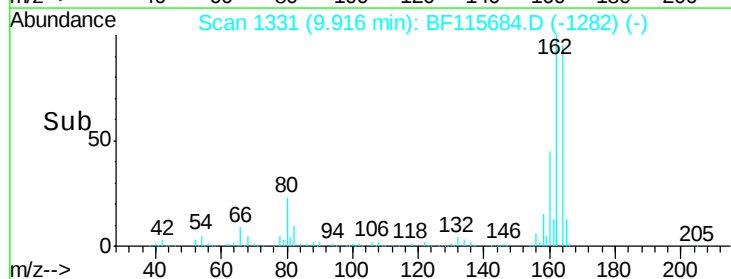
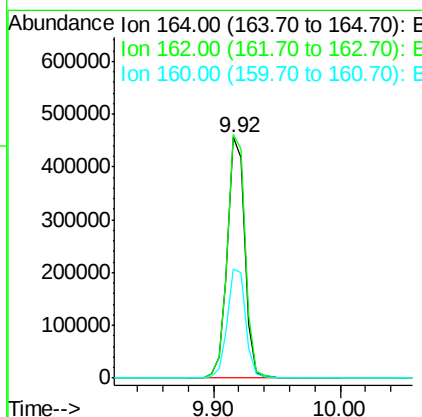
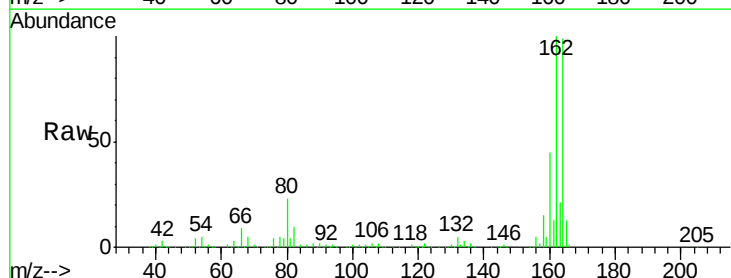
Instrument :
BNA_F
ClientSampleId :

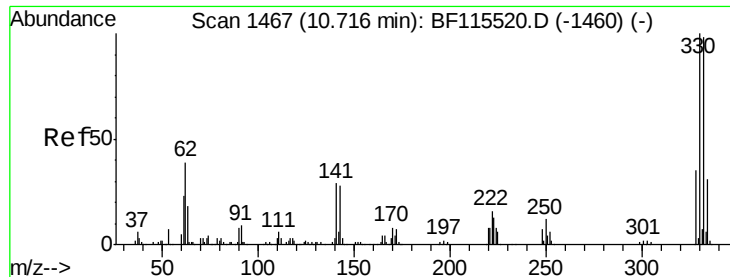
Tot Ion: 82 Resp: 1313278
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 14.9 22.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF115684.D
Acq: 19 Jul 2019 20:55

Tgt Ion:164 Resp: 432964
Ion Ratio Lower Upper
164 100
162 101.2 82.9 124.3
160 45.5 36.8 55.2





#42

2,4,6-Tribromophenol

Concen: 109.474 ng

RT: 10.71 min Scan# 1466

Delta R.T. -0.01 min

Lab File: BF115684.D

Acq: 19 Jul 2019 20:55

Instrument :

BNA_F

ClientSampleId :

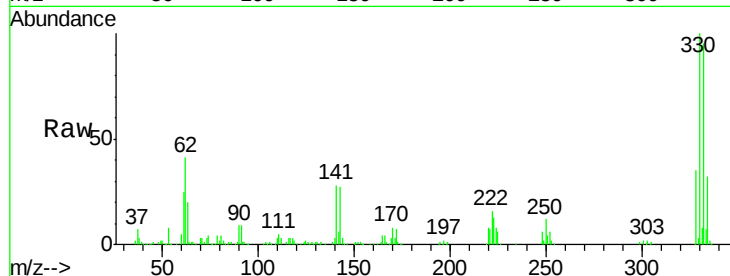
Tot Ion:330 Resp: 553251

Ion Ratio Lower Upper

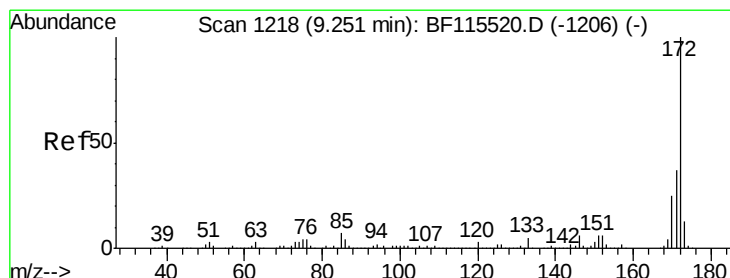
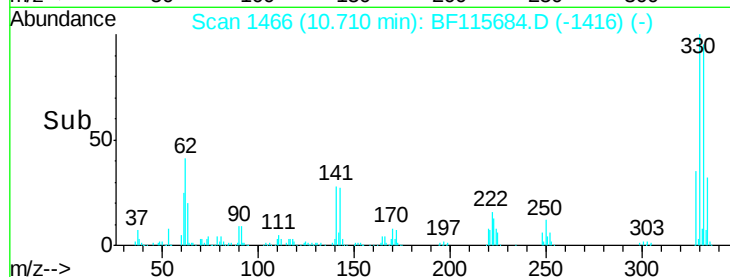
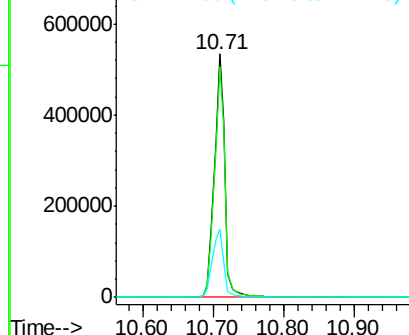
330 100

332 95.6 77.4 116.2

141 30.2 22.4 33.6



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



#45

2-Fluorobiphenyl

Concen: 89.642 ng

RT: 9.24 min Scan# 1216

Delta R.T. -0.01 min

Lab File: BF115684.D

Acq: 19 Jul 2019 20:55

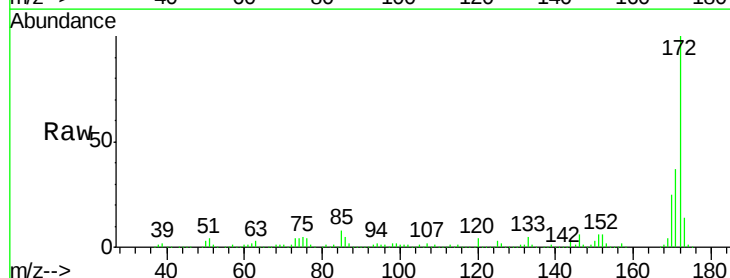
Tgt Ion:172 Resp: 2217463

Ion Ratio Lower Upper

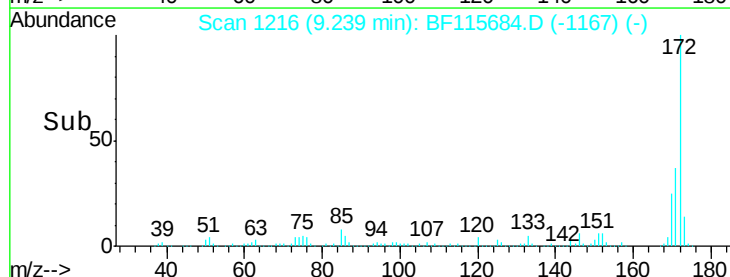
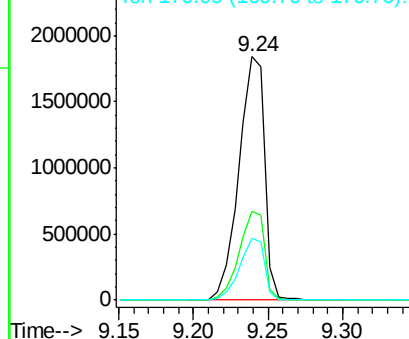
172 100

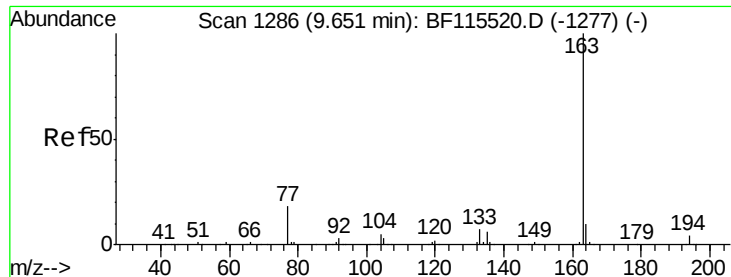
171 36.6 30.6 46.0

170 25.3 20.5 30.7



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

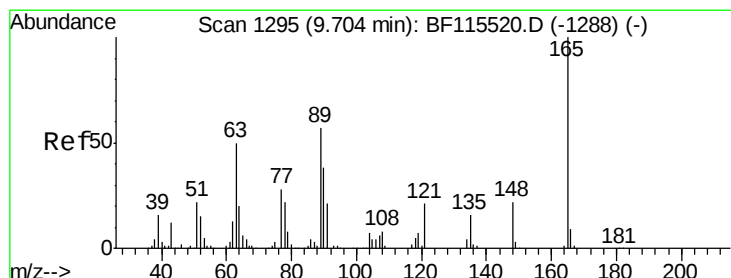
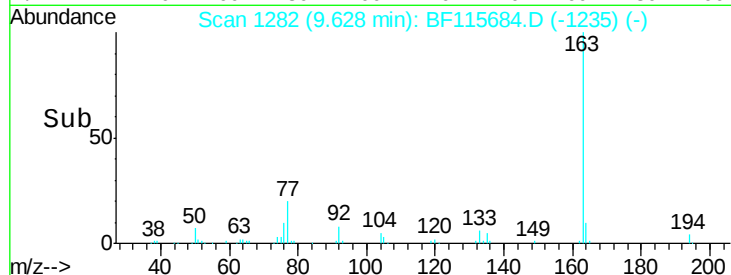
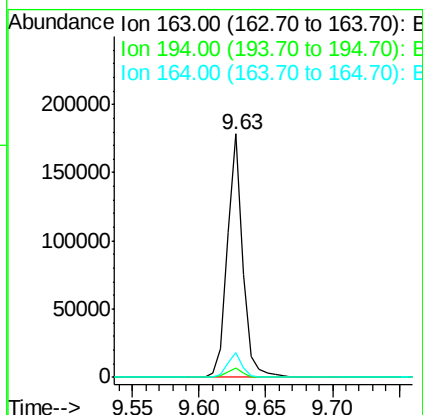
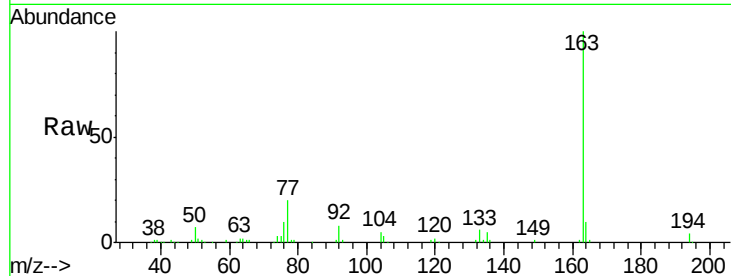




#50
Dimethylphthalate
Concen: 4.494 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.02 min
Lab File: BF115684.D
Acq: 19 Jul 2019 20:55

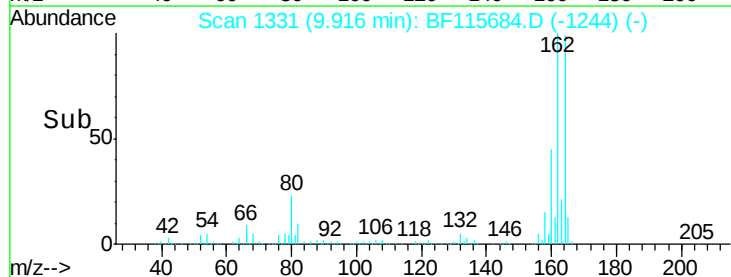
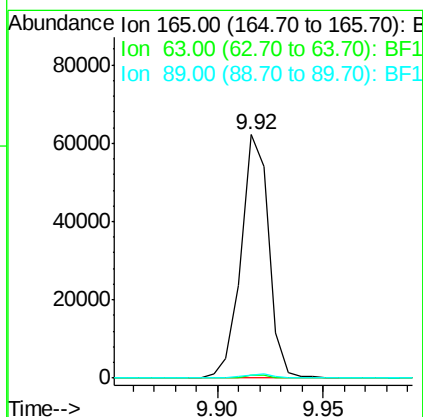
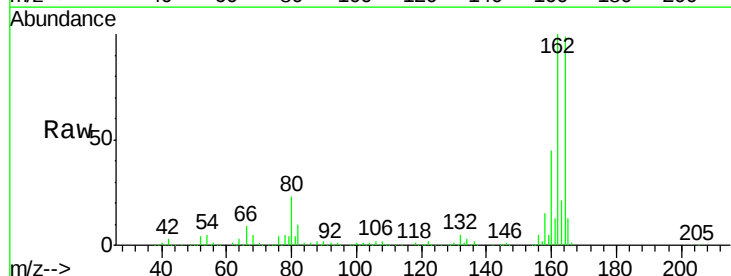
Instrument :
BNA_F
ClientSampleId :

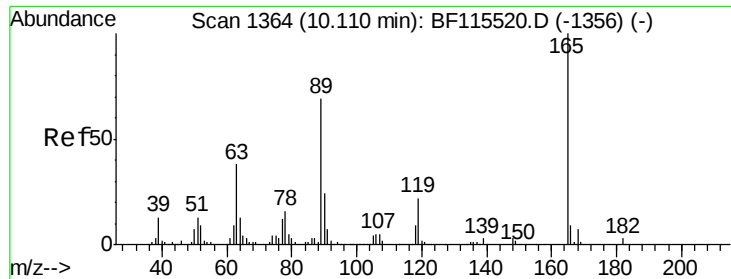
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.3	4.9
164	10.0	8.7	13.1



#51
2,6-Dinitrotoluene
Concen: 7.611 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.21 min
Lab File: BF115684.D
Acq: 19 Jul 2019 20:55

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	40.6	61.0#
89	1.5	43.9	65.9#

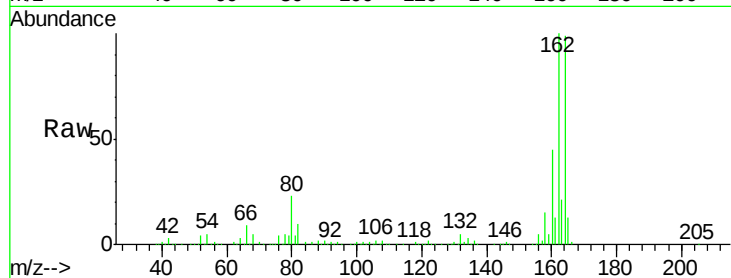




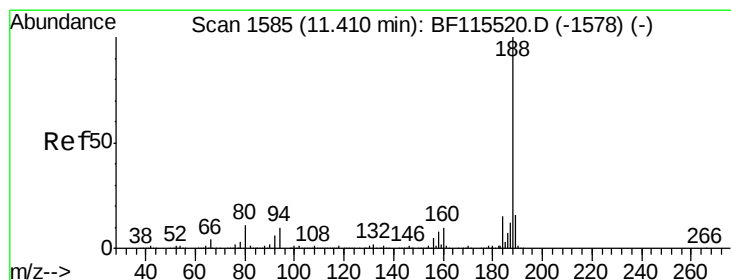
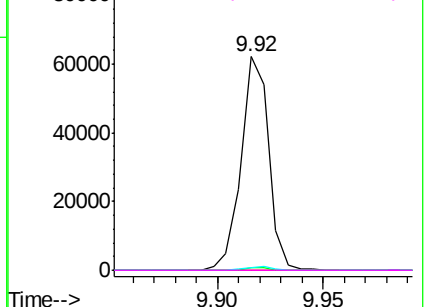
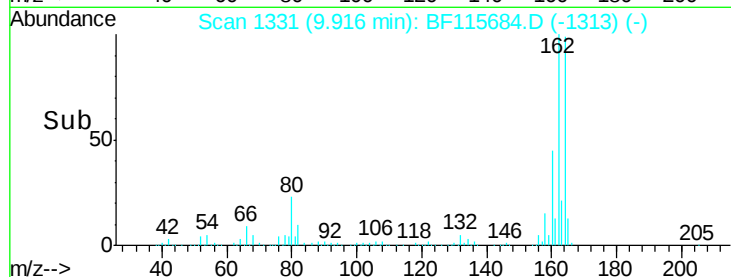
#57
 2,4-Dinitrotoluene
 Concen: 5.874 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.19 min
 Lab File: BF115684.D
 Acq: 19 Jul 2019 20:55

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:165 Resp: 56341
 Ion Ratio Lower Upper
 165 100
 63 1.2 34.9 52.3#
 89 1.5 57.5 86.3#
 182 0.0 2.2 3.4#

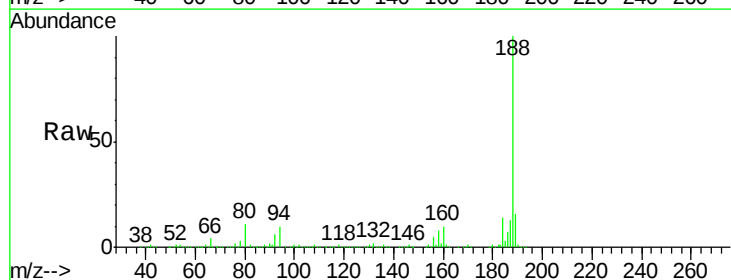


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

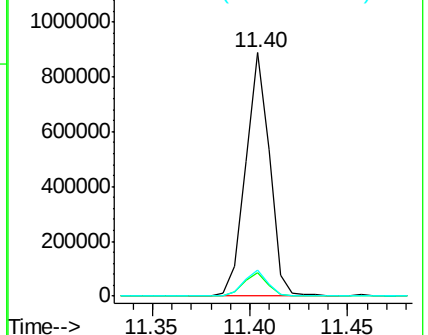
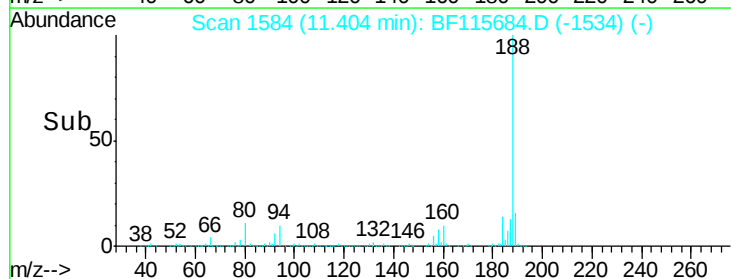


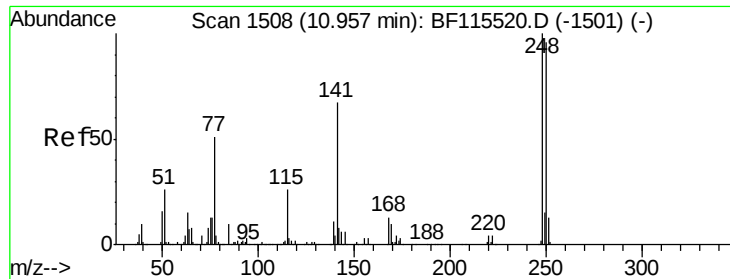
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. -0.01 min
 Lab File: BF115684.D
 Acq: 19 Jul 2019 20:55

Tgt Ion:188 Resp: 754323
 Ion Ratio Lower Upper
 188 100
 94 9.9 7.8 11.6
 80 10.8 8.6 13.0



Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

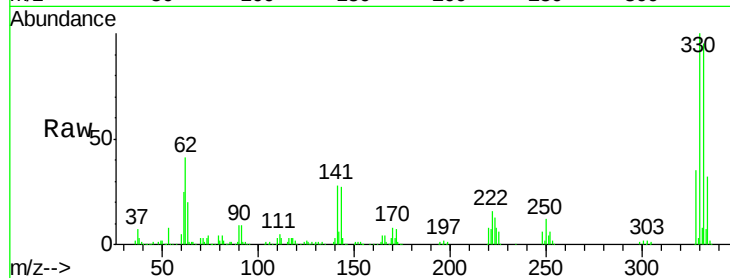




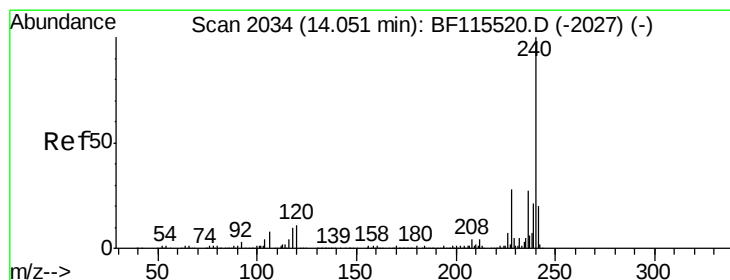
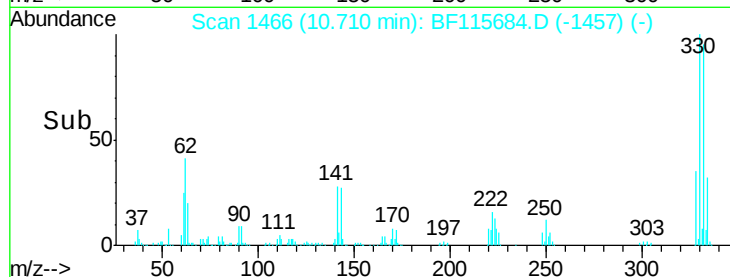
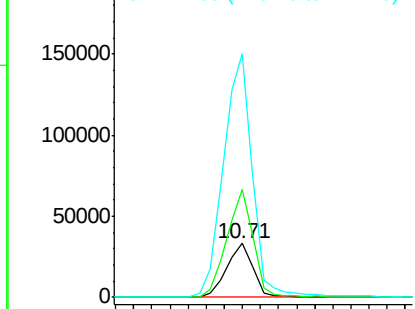
#67
4-Bromophenyl-phenylether
Concen: 3.934 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.25 min
Lab File: BF115684.D
Acq: 19 Jul 2019 20:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 33914
Ion Ratio Lower Upper
248 100
250 200.5 78.0 117.0#
141 453.3 57.7 86.5#

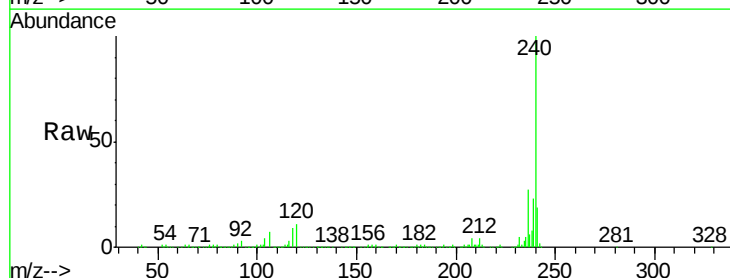


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

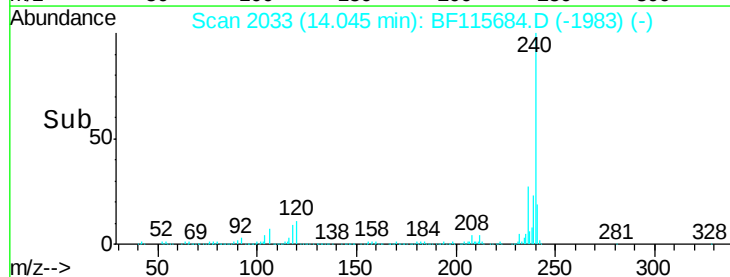
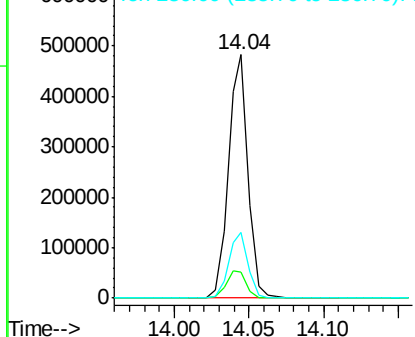


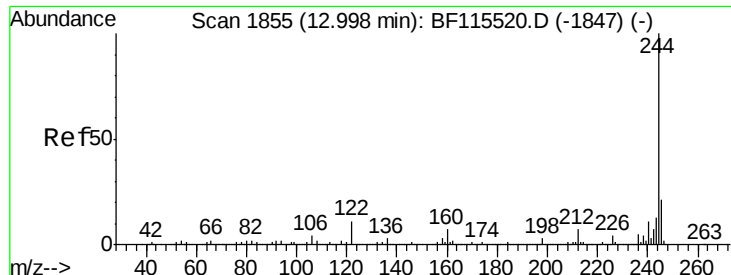
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF115684.D
Acq: 19 Jul 2019 20:55

Tgt Ion:240 Resp: 445953
Ion Ratio Lower Upper
240 100
120 10.8 8.6 13.0
236 26.8 21.3 31.9



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





#79

Terphenyl-d14

Concen: 86.992 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BF115684.D

Acq: 19 Jul 2019 20:55

Instrument :

BNA_F

ClientSampleId :

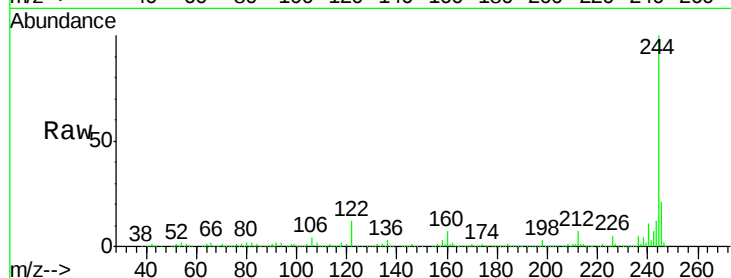
Tot Ion:244 Resp: 2102475

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

122 11.8 8.6 12.8

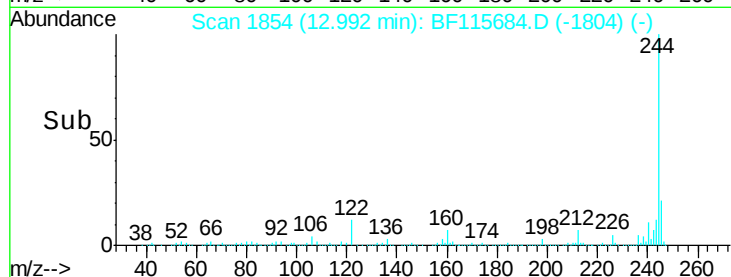


Abundance Ion 244.00 (243.70 to 244.70): E

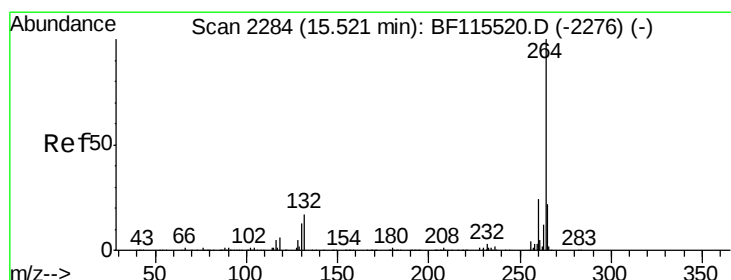
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

Time-->



Time-->



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.52 min Scan# 2283

Delta R.T. -0.01 min

Lab File: BF115684.D

Acq: 19 Jul 2019 20:55

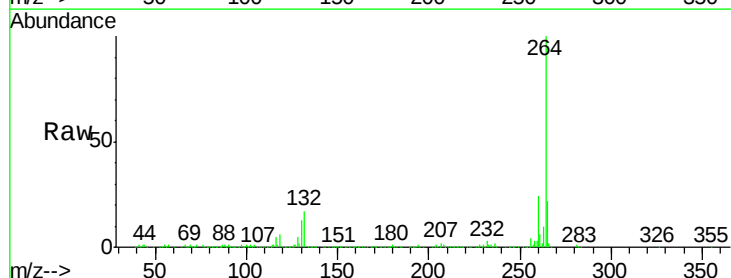
Tgt Ion:264 Resp: 384790

Ion Ratio Lower Upper

264 100

260 23.6 19.8 29.8

265 21.6 17.7 26.5

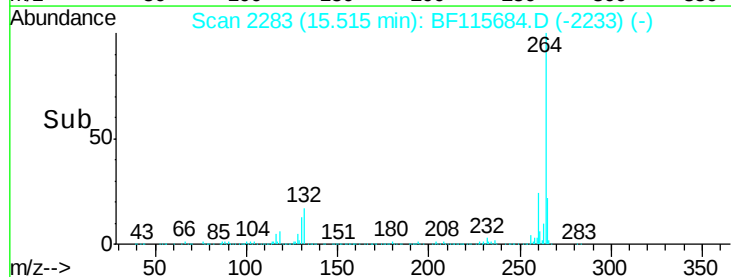


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

Time-->



Time-->