

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081019\
 Data File : BF116170.D
 Acq On : 11 Aug 2019 2:44
 Operator : HP/JU
 Sample : K4293-04
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 12 01:00:55 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 07 11:13:18 2019
 Response via : Initial Calibration

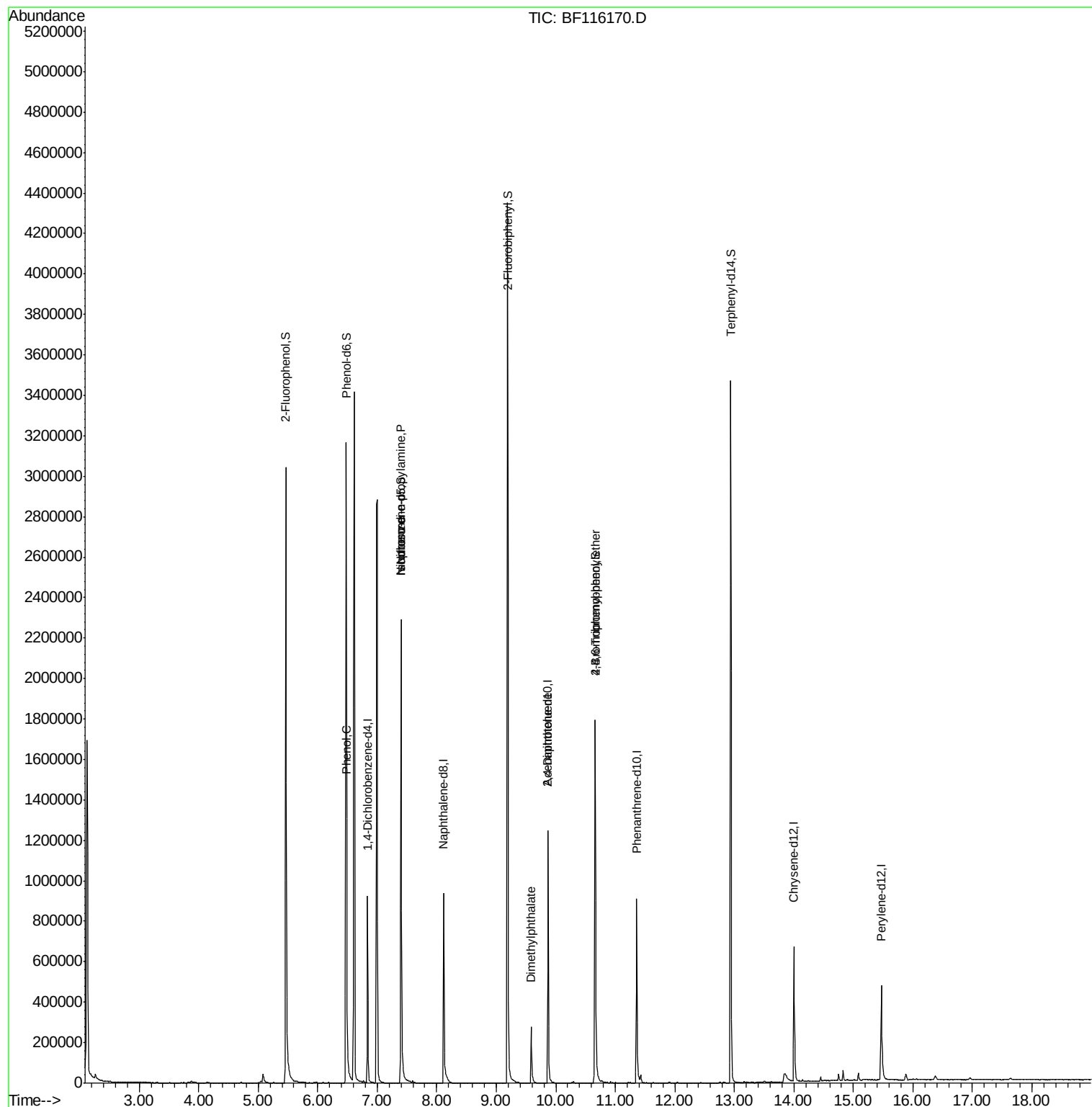
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	142380	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	545638	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	270868	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	410286	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	277496	20.00	ng	0.00
87) Perylene-d12	15.47	264	276604	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1013064	119.11	ng	0.00
7) Phenol-d6	6.48	99	1335345	124.44	ng	0.00
23) Nitrobenzene-d5	7.40	82	879680	93.06	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	269222	102.52	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	1486506	102.79	ng	-0.01
79) Terphenyl-d14	12.94	244	1246581	94.66	ng	-0.01
Target Compounds						
10) Phenol	6.49	94	25544	2.021	ng	97
19) n-Nitroso-di-n-propylamine	7.40	70	114883	17.277	ng	# 79
25) Isophorone	7.40	82	879675	48.668	ng	# 65
50) Dimethylphthalate	9.59	163	160239	8.688	ng	99
57) 2,4-Dinitrotoluene	9.87	165	34248	6.418	ng	# 19
67) 4-Bromophenyl-phenylether	10.66	248	16200	3.688	ng	# 1

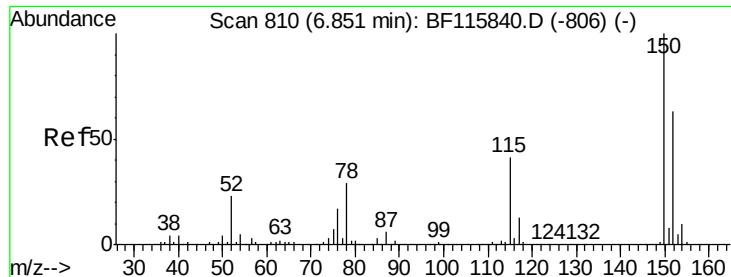
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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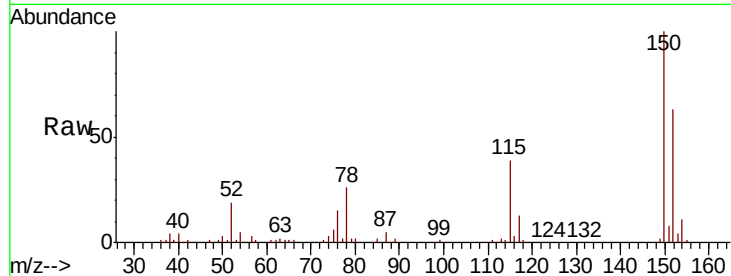


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF116170.D
Acq: 11 Aug 2019 2:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.3	126.2	189.2
115	61.2	49.9	74.9

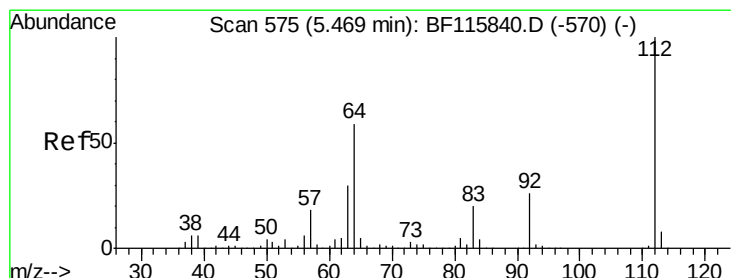
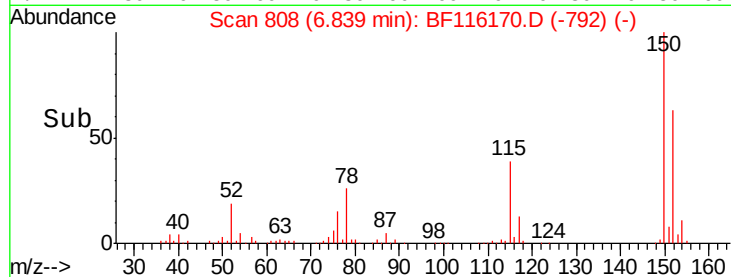
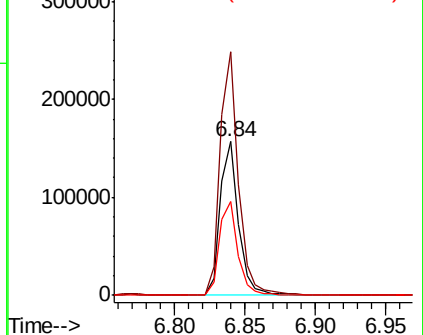


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

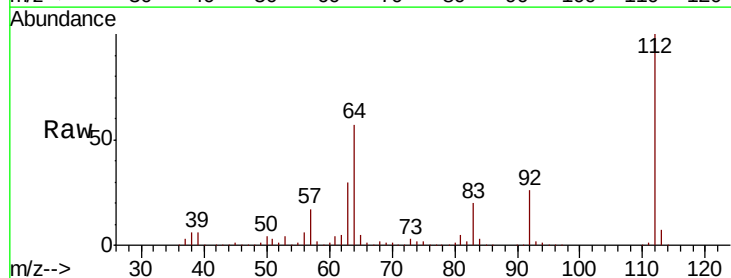
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 119.113 ng
RT: 5.47 min Scan# 575
Delta R.T. -0.00 min
Lab File: BF116170.D
Acq: 11 Aug 2019 2:44

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.3	45.4	68.2
63	29.8	23.7	35.5

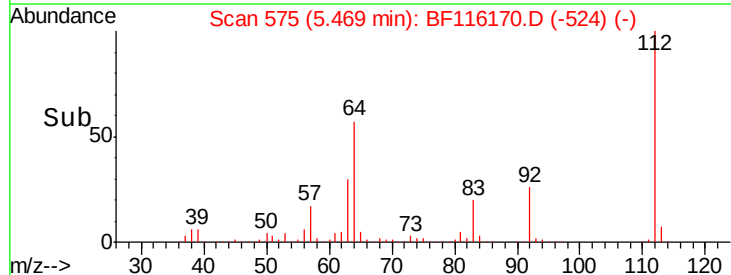
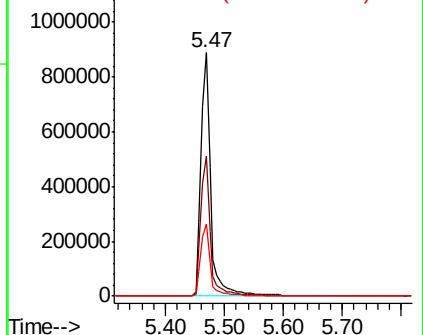


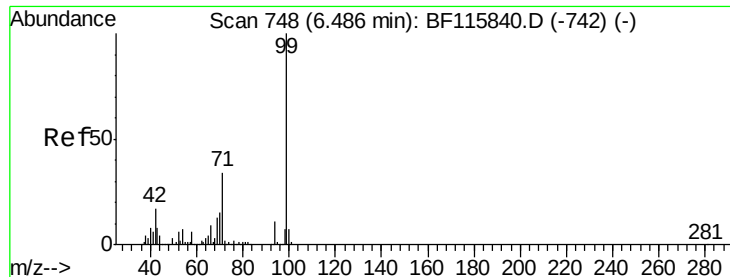
Abundance

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: 124.442 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF116170.D

Acq: 11 Aug 2019 2:44

Instrument :

BNA_F

ClientSampleId :

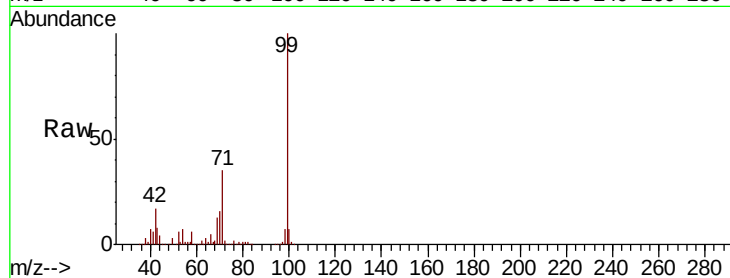
Tot Ion: 99 Resp: 1335345

Ion Ratio Lower Upper

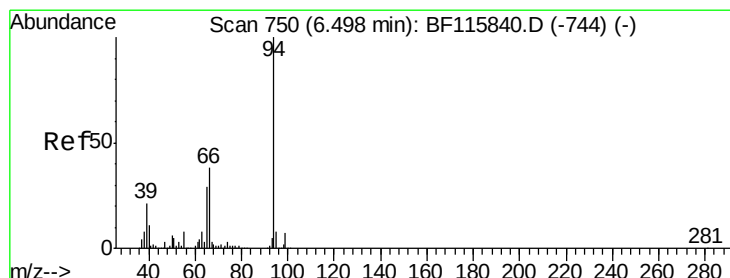
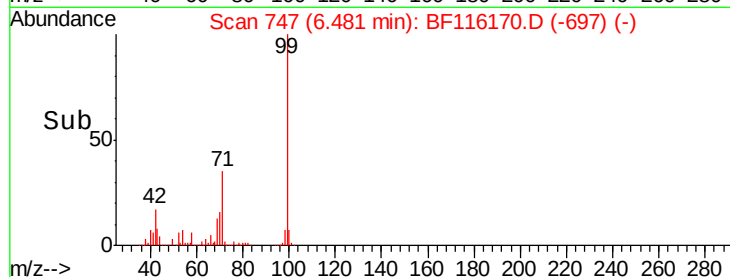
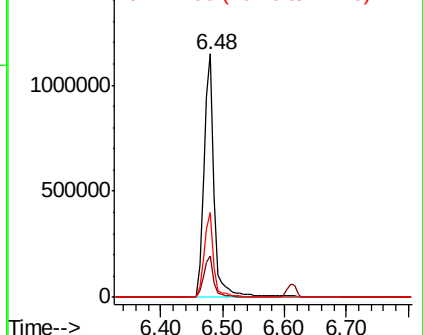
99 100

42 17.0 13.8 20.8

71 34.7 27.3 40.9



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 2.021 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF116170.D

Acq: 11 Aug 2019 2:44

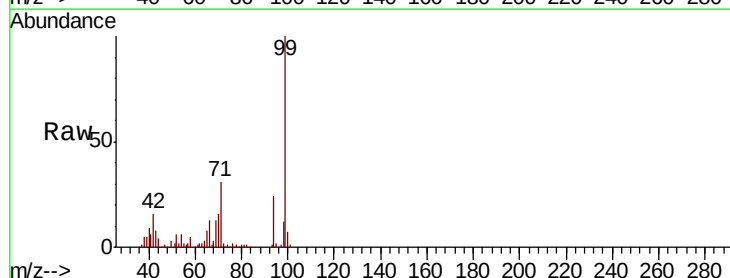
Tgt Ion: 94 Resp: 25544

Ion Ratio Lower Upper

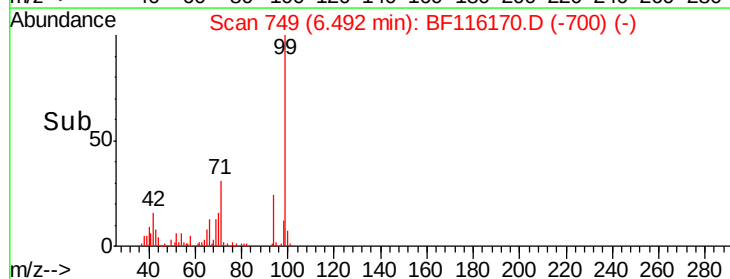
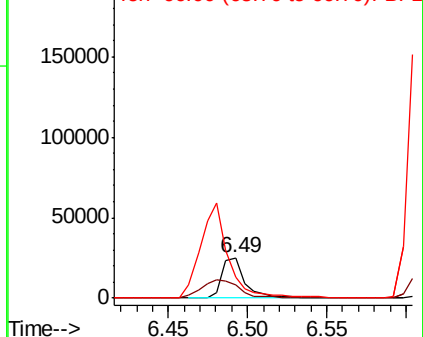
94 100

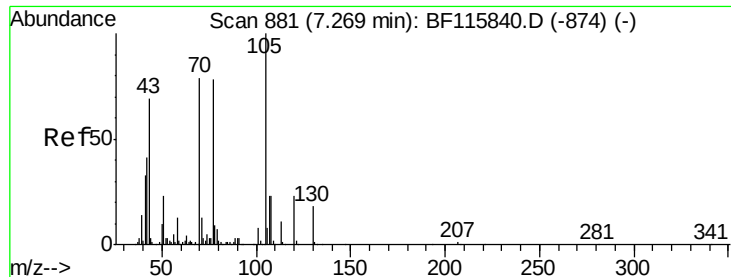
65 32.9 16.8 56.8

66 53.3 34.2 74.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

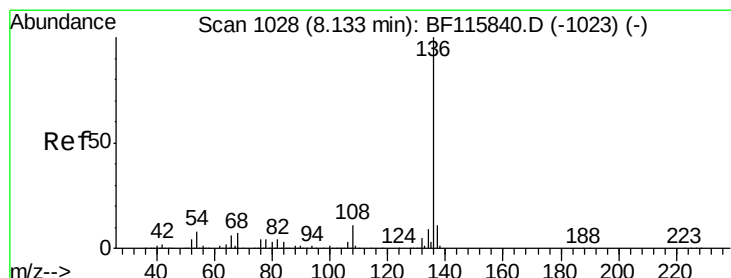
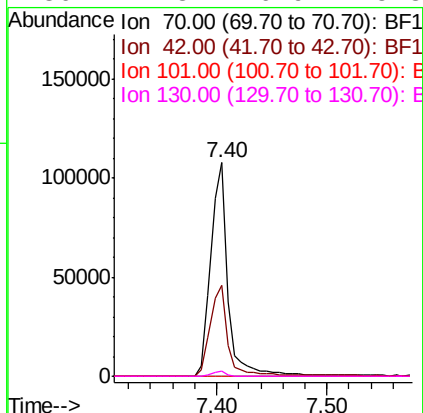
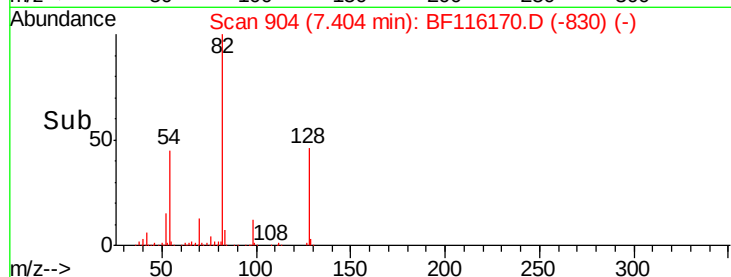
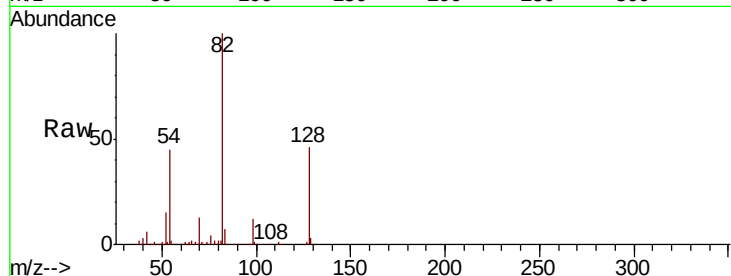




#19
n-Nitroso-di-n-propylamine
Concen: 17.277 ng
RT: 7.40 min Scan# 904
Delta R.T. 0.14 min
Lab File: BF116170.D
Acq: 11 Aug 2019 2:44

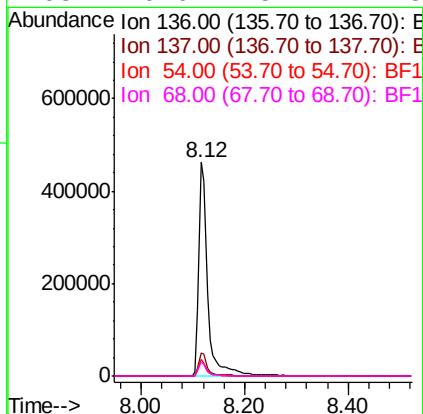
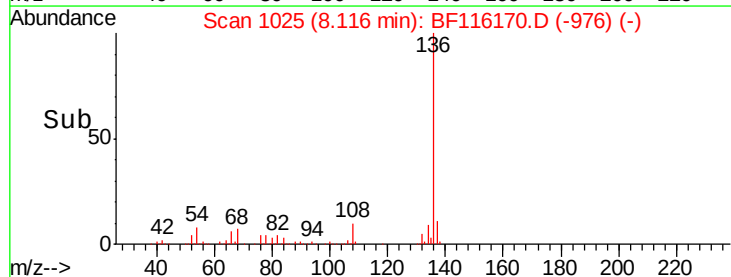
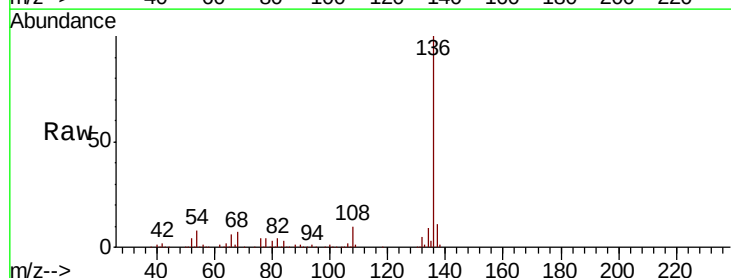
Instrument :
BNA_F
ClientSampleId :

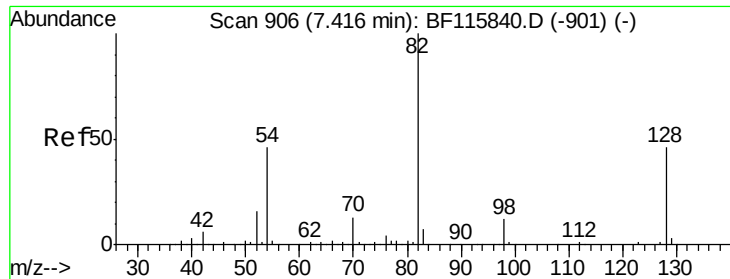
Tot Ion: 70 Resp: 114883
Ion Ratio Lower Upper
70 100
42 42.4 40.9 61.3
101 0.0 7.9 11.9#
130 2.3 16.9 25.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF116170.D
Acq: 11 Aug 2019 2:44

Tgt Ion: 136 Resp: 545638
Ion Ratio Lower Upper
136 100
137 11.1 9.0 13.4
54 7.6 5.8 8.6
68 6.6 5.2 7.8

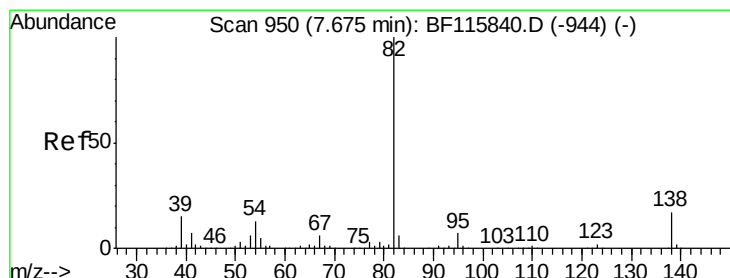
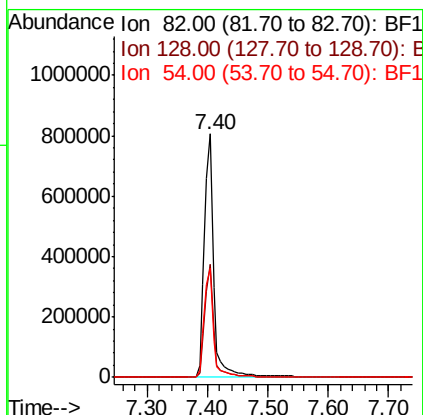
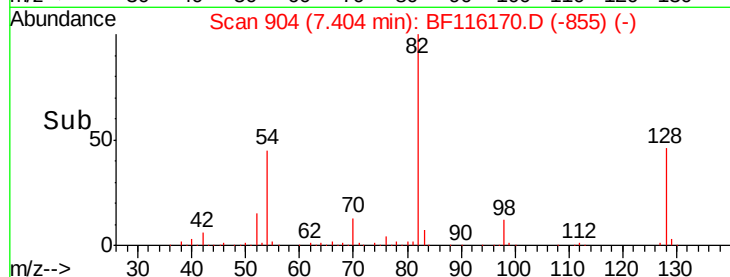
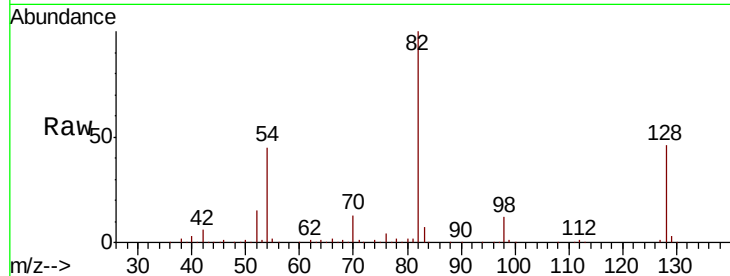




#23
Nitrobenzene-d5
Concen: 93.061 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF116170.D
Acq: 11 Aug 2019 2:44

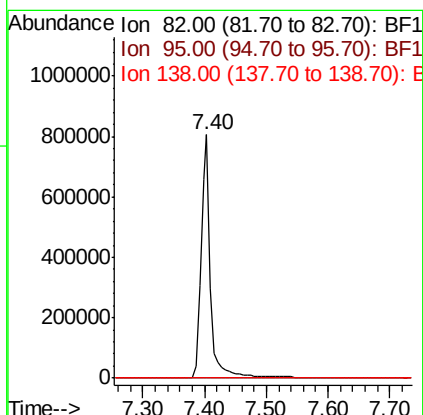
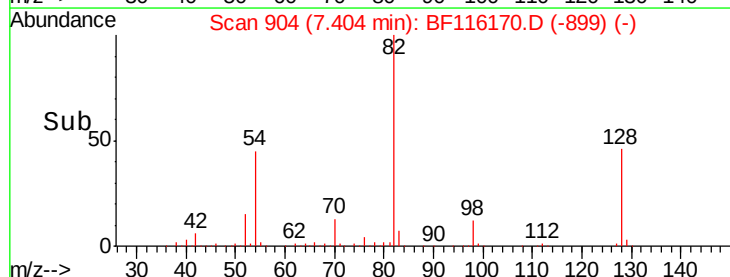
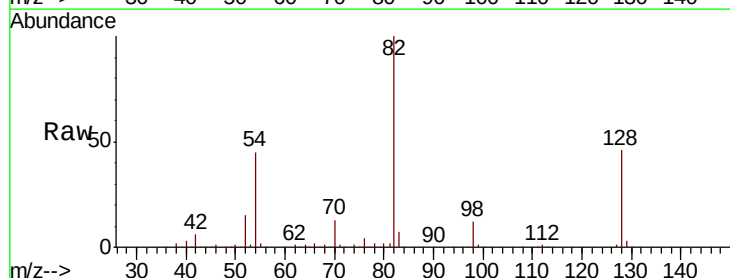
Instrument :
BNA_F
ClientSampled :

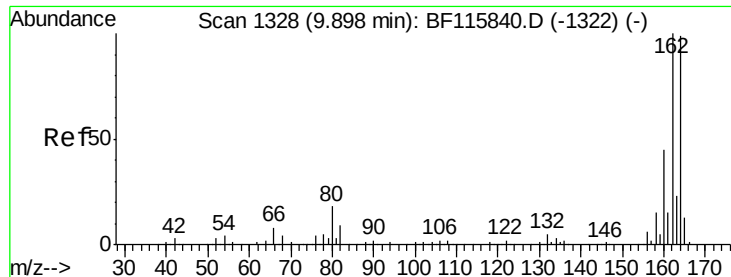
Tot Ion: 82 Resp: 879680
Ion Ratio Lower Upper
82 100
128 46.4 36.5 54.7
54 44.6 36.0 54.0



#25
Isophorone
Concen: 48.668 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.27 min
Lab File: BF116170.D
Acq: 11 Aug 2019 2:44

Tgt Ion: 82 Resp: 879675
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 14.5 21.7#

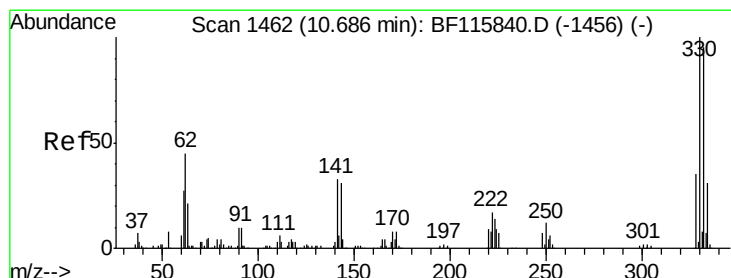
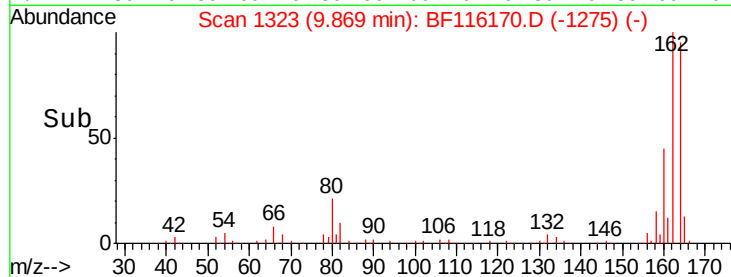
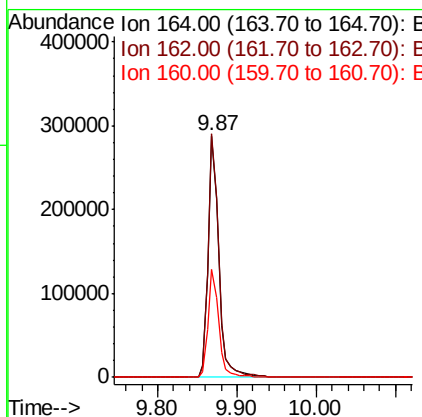
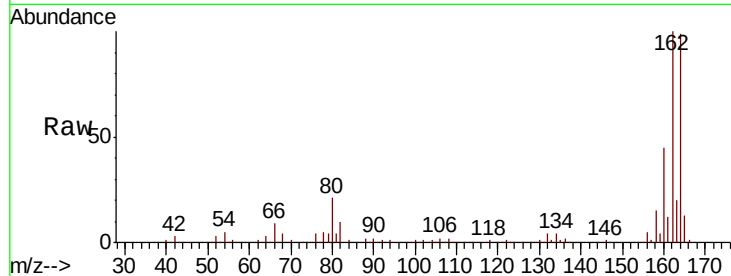




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.02 min
 Lab File: BF116170.D
 Acq: 11 Aug 2019 2:44

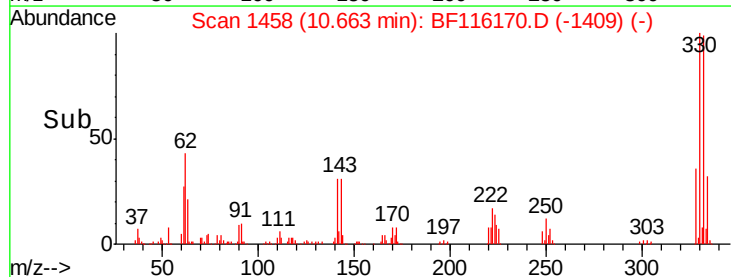
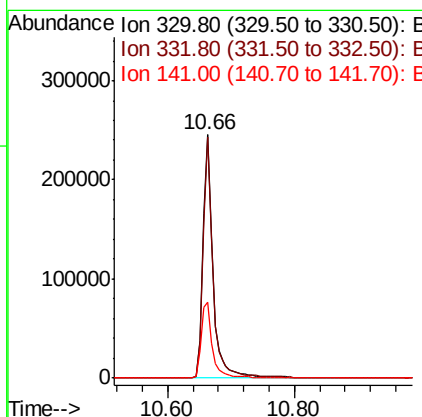
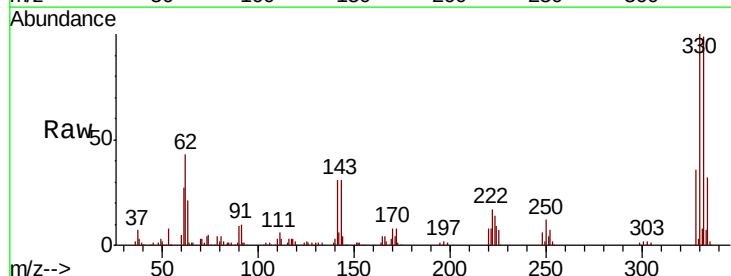
Instrument :
 BNA_F
 ClientSampleId :

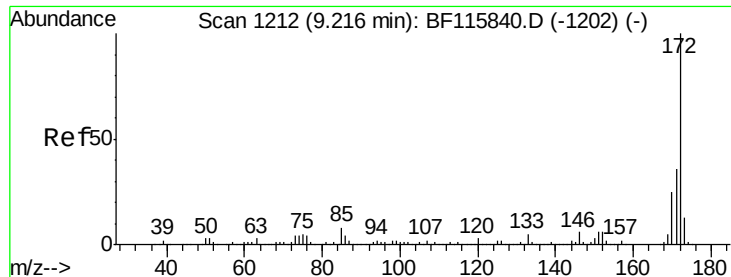
Tot Ion:164 Resp: 270868
 Ion Ratio Lower Upper
 164 100
 162 100.9 82.6 124.0
 160 45.0 37.6 56.4



#42
 2,4,6-Tribromophenol
 Concen: 102.516 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.01 min
 Lab File: BF116170.D
 Acq: 11 Aug 2019 2:44

Tgt Ion:330 Resp: 269222
 Ion Ratio Lower Upper
 330 100
 332 97.5 76.8 115.2
 141 34.4 26.3 39.5



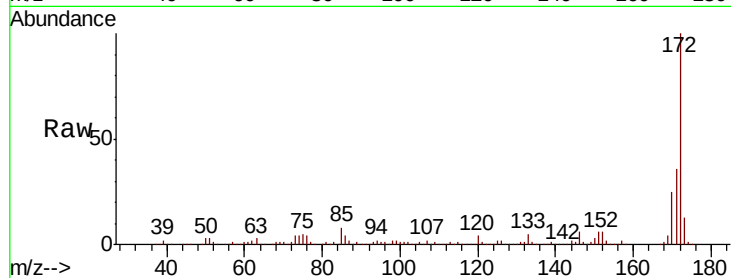


#45
 2-Fluorobiphenyl
 Concen: 102.793 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: BF116170.D
 Acq: 11 Aug 2019 2:44

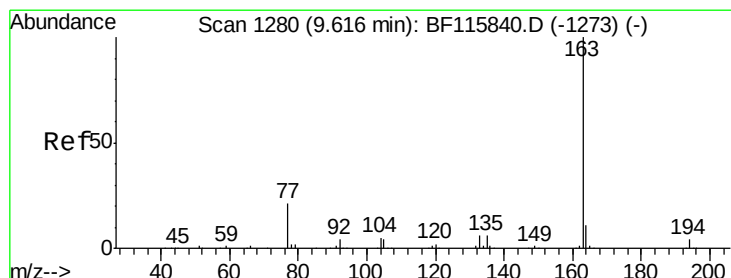
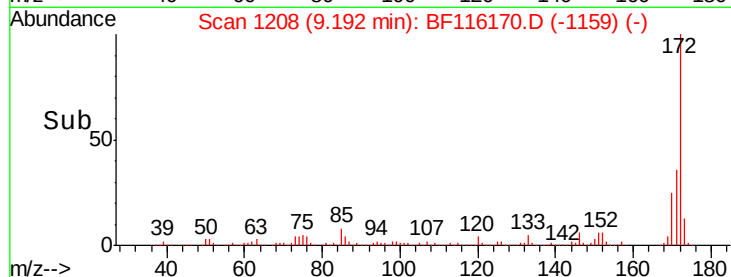
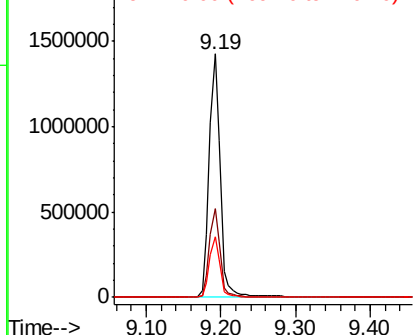
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1486506

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.6	44.4
170	25.0	20.1	30.1



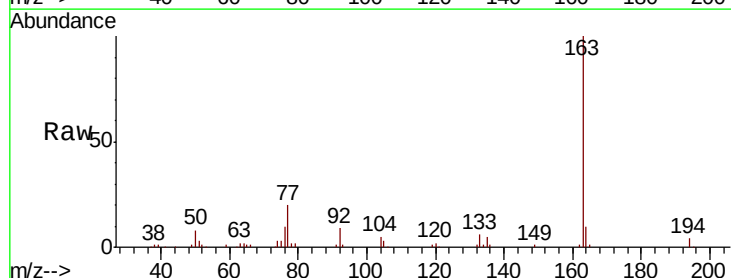
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



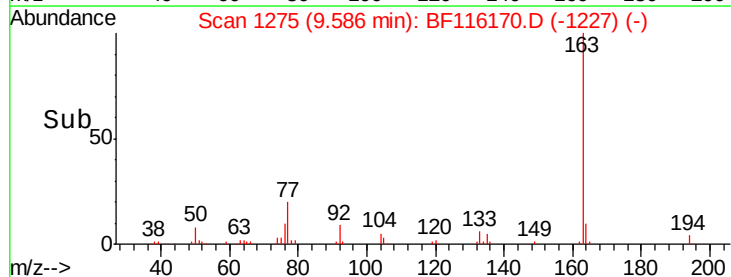
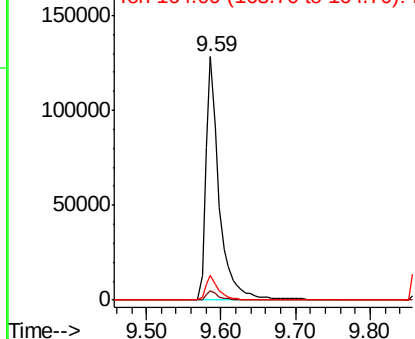
#50
 Dimethylphthalate
 Concen: 8.688 ng
 RT: 9.59 min Scan# 1275
 Delta R.T. -0.02 min
 Lab File: BF116170.D
 Acq: 11 Aug 2019 2:44

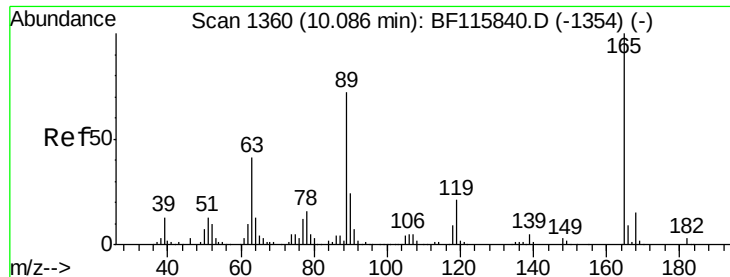
Tgt Ion:163 Resp: 160239

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.0	4.6
164	10.1	8.4	12.6



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





#57

2,4-Dinitrotoluene

Concen: 6.418 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.21 min

Lab File: BF116170.D

Acq: 11 Aug 2019 2:44

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 34248

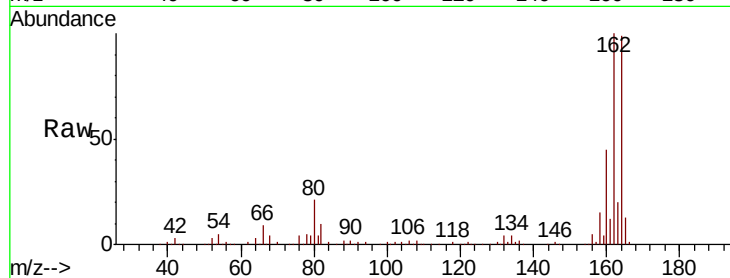
Ion Ratio Lower Upper

165 100

63 0.0 39.6 59.4#

89 1.1 62.2 93.2#

182 0.0 2.1 3.1#

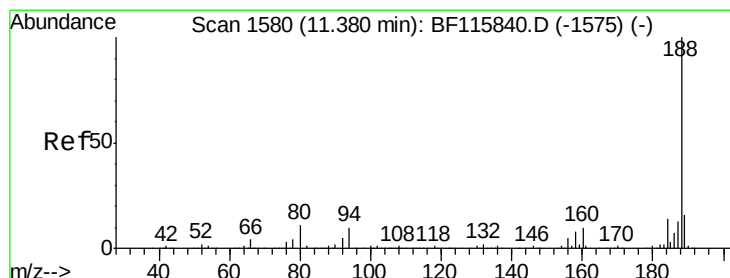
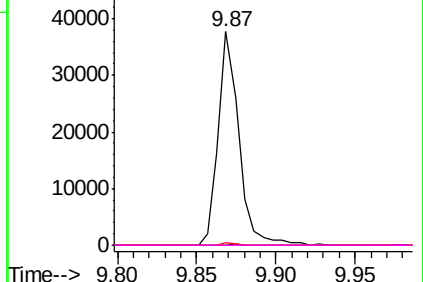
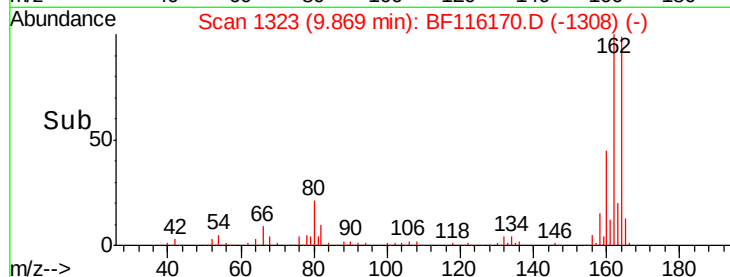


Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.36 min Scan# 1576

Delta R.T. -0.01 min

Lab File: BF116170.D

Acq: 11 Aug 2019 2:44

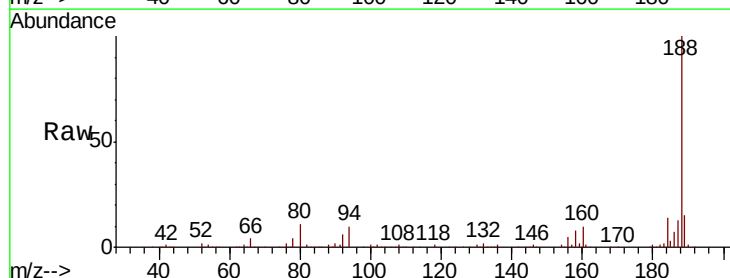
Tgt Ion:188 Resp: 410286

Ion Ratio Lower Upper

188 100

94 10.1 8.1 12.1

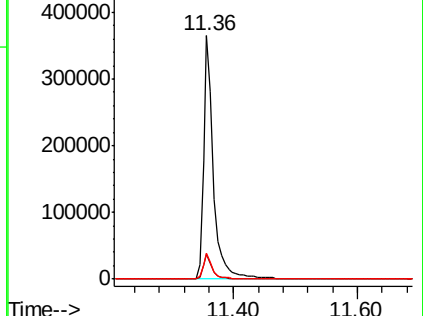
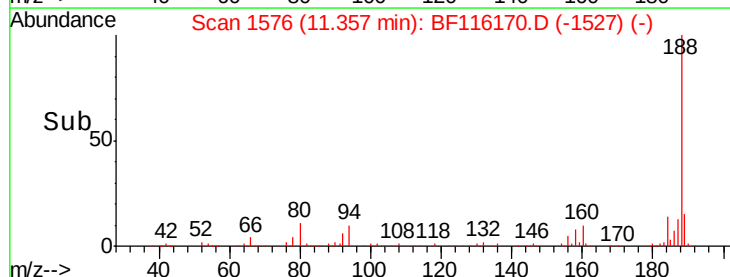
80 10.9 8.7 13.1

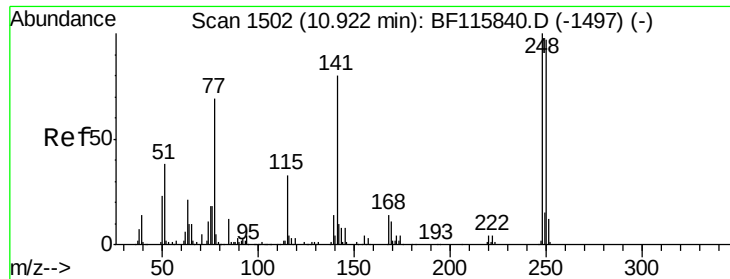


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

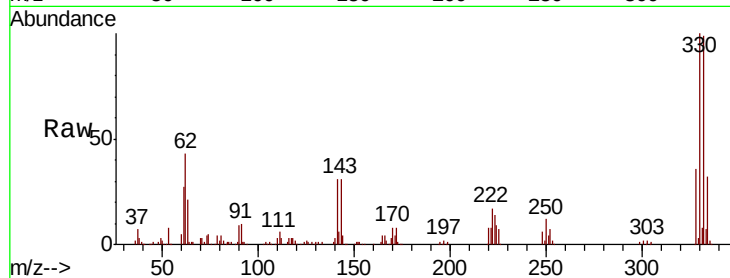




#67
 4-Bromophenyl-phenylether
 Concen: 3.688 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.25 min
 Lab File: BF116170.D
 Acq: 11 Aug 2019 2:44

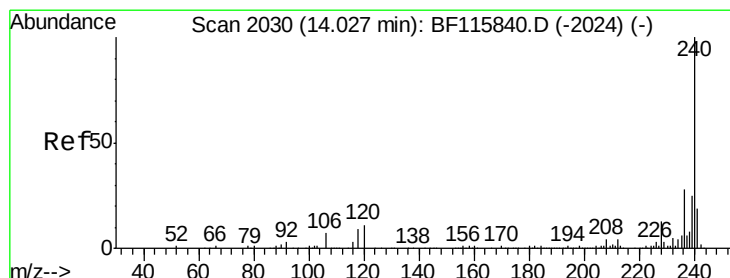
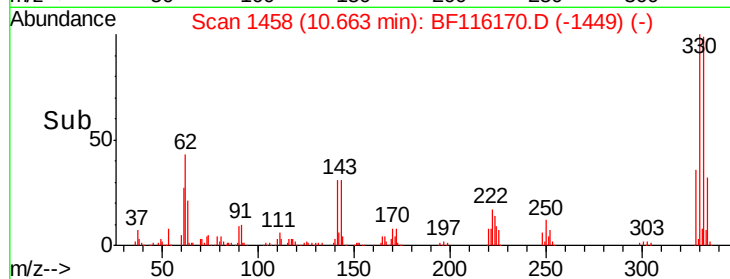
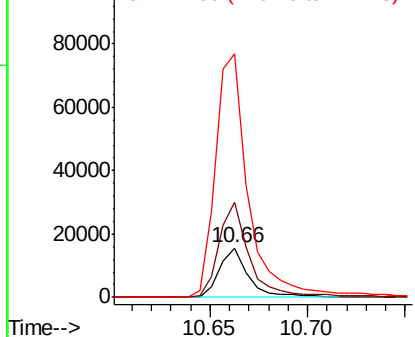
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 16200
 Ion Ratio Lower Upper
 248 100
 250 191.8 77.4 116.2#
 141 493.8 56.8 85.2#



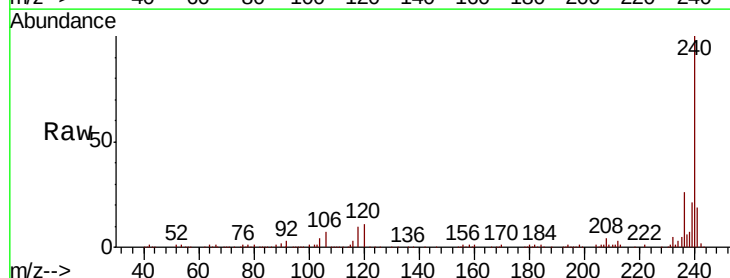
Abundance

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



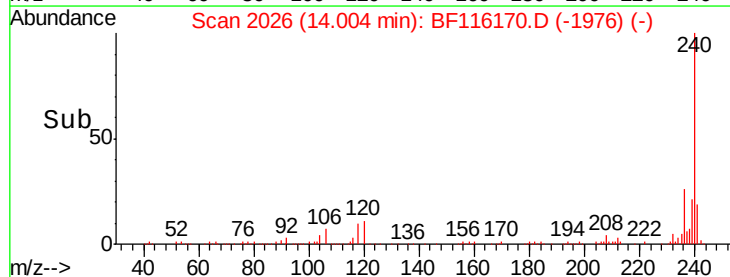
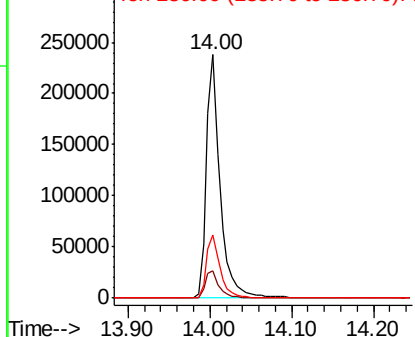
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.01 min
 Lab File: BF116170.D
 Acq: 11 Aug 2019 2:44

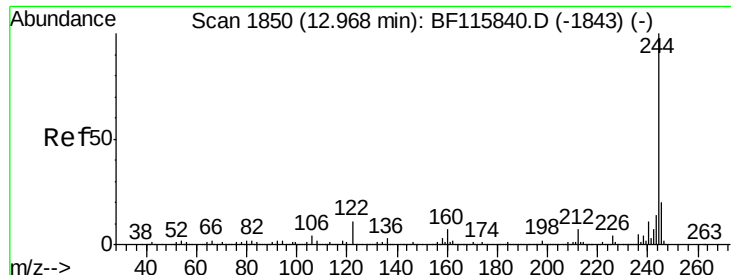
Tgt Ion:240 Resp: 277496
 Ion Ratio Lower Upper
 240 100
 120 11.2 10.7 16.1
 236 25.9 22.2 33.2



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





#79

Terphenyl-d14

Concen: 94.659 ng

RT: 12.94 min Scan# 1845

Delta R.T. -0.01 min

Lab File: BF116170.D

Acq: 11 Aug 2019 2:44

Instrument :

BNA_F

ClientSampleId :

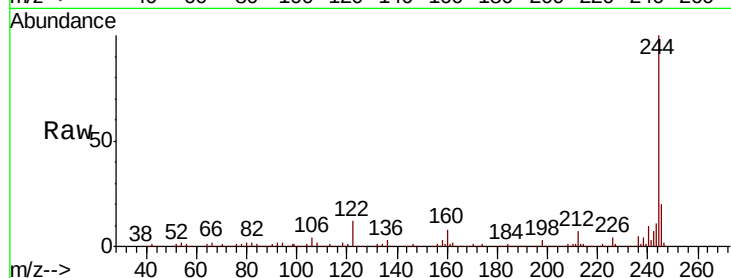
Tot Ion:244 Resp: 1246581

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.8

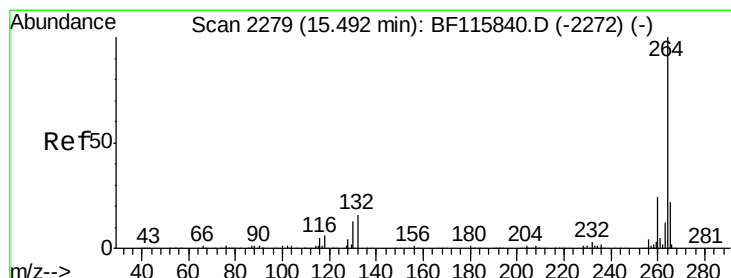
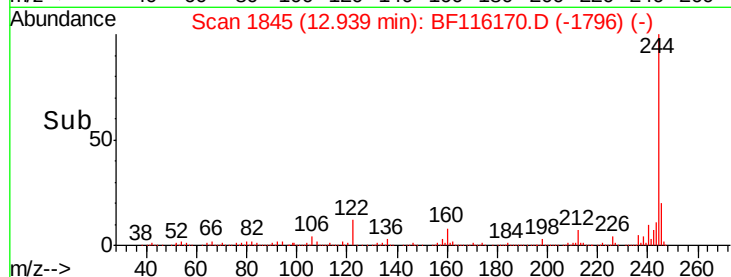
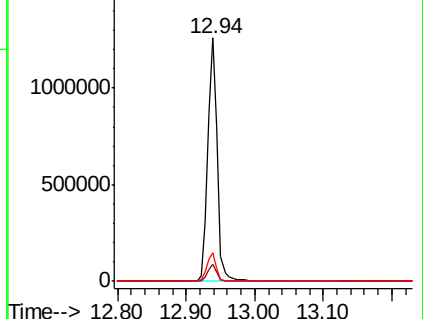
122 11.7 9.0 13.4



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.47 min Scan# 2275

Delta R.T. -0.01 min

Lab File: BF116170.D

Acq: 11 Aug 2019 2:44

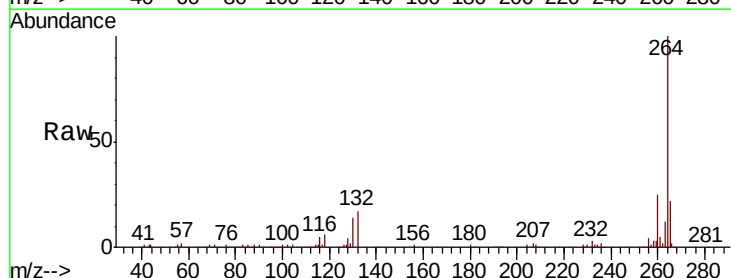
Tgt Ion:264 Resp: 276604

Ion Ratio Lower Upper

264 100

260 25.0 19.7 29.5

265 21.7 17.4 26.0



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

