

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082019\
 Data File : BF116444.D
 Acq On : 20 Aug 2019 21:46
 Operator : HP/JU
 Sample : K4385-39
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 21 01:16:14 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 19 06:03:31 2019
 Response via : Initial Calibration

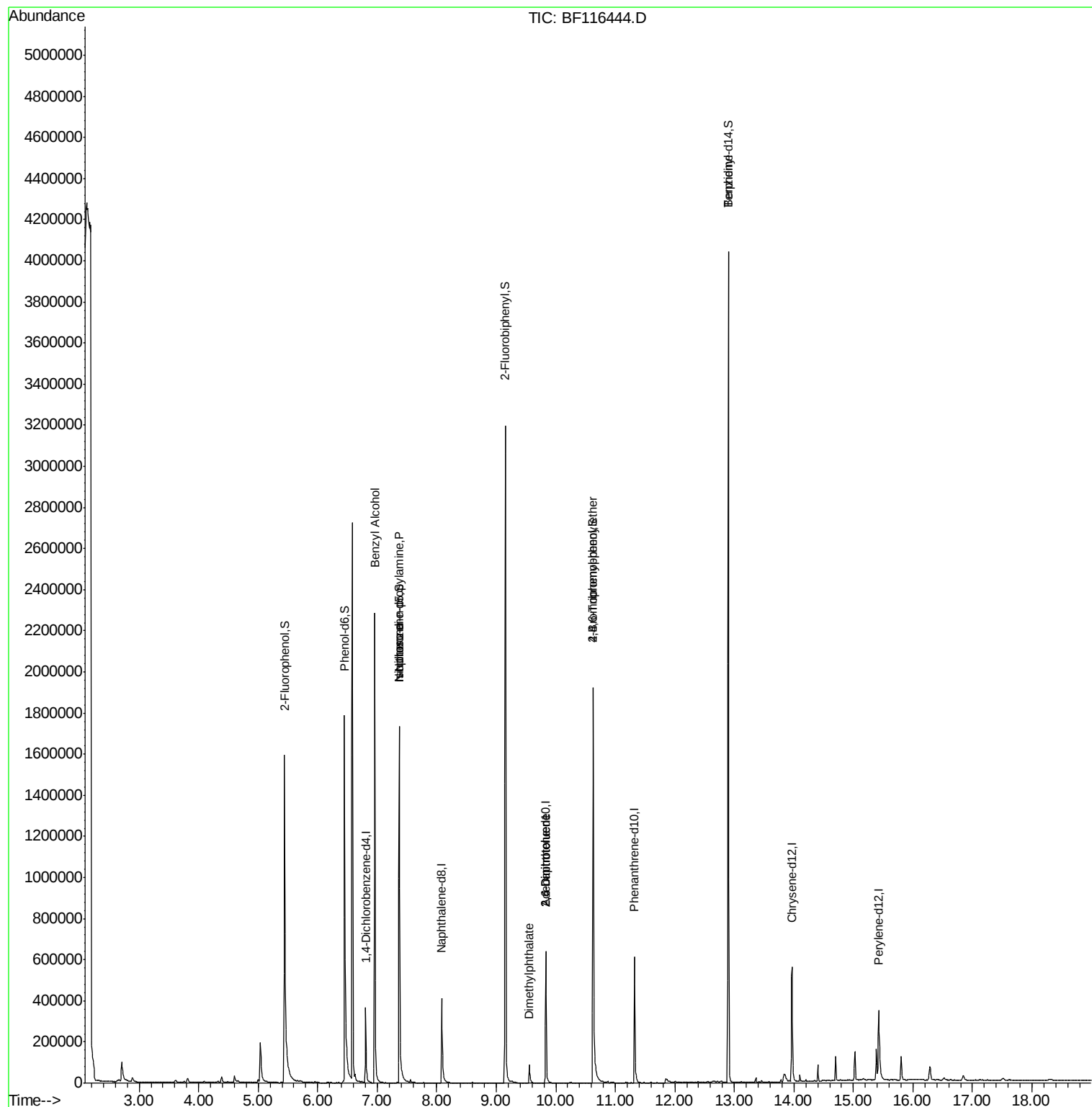
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	64868	20.00	ng	-0.01
21) Naphthalene-d8	8.09	136	244632	20.00	ng	-0.01
39) Acenaphthene-d10	9.83	164	135737	20.00	ng	-0.02
64) Phenanthrene-d10	11.32	188	262066	20.00	ng	-0.02
76) Chrysene-d12	13.97	240	231879	20.00	ng	-0.01
87) Perylene-d12	15.42	264	232200	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	702735	181.36	ng	0.00
7) Phenol-d6	6.45	99	839319	171.68	ng	-0.01
23) Nitrobenzene-d5	7.37	82	635418	149.93	ng	-0.02
42) 2,4,6-Tribromophenol	10.63	330	298693	226.97	ng	-0.02
45) 2-Fluorobiphenyl	9.16	172	1116559	154.08	ng	-0.01
79) Terphenyl-d14	12.90	244	1467083	133.32	ng	-0.01
Target Compounds						
15) Benzyl Alcohol	6.96	79	9960	2.685	ng	# 47
19) n-Nitroso-di-n-propylamine	7.37	70	83328	27.505	ng	# 79
25) Isophorone	7.37	82	635418	78.410	ng	# 65
50) Dimethylphthalate	9.56	163	51226	5.543	ng	# 99
51) 2,6-Dinitrotoluene	9.83	165	16928	8.428	ng	# 27
57) 2,4-Dinitrotoluene	9.83	165	16928	6.330	ng	# 19
67) 4-Bromophenyl-phenylether	10.63	248	17821	6.352	ng	# 1
77) Benzidine	12.90	184	19644	2.508	ng	# 97

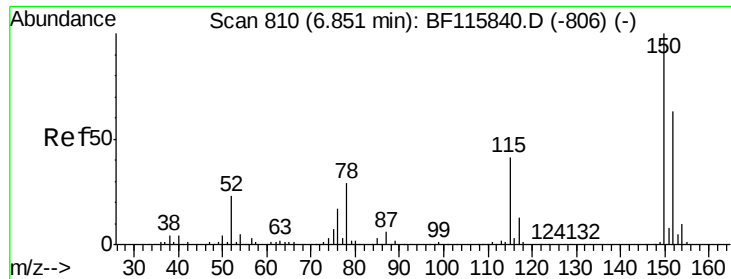
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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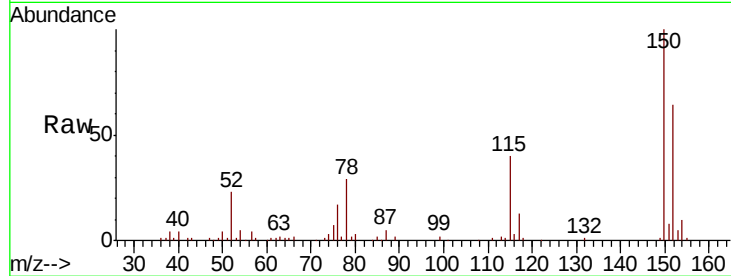


#1

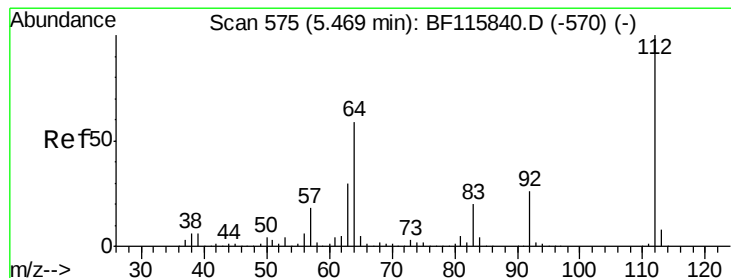
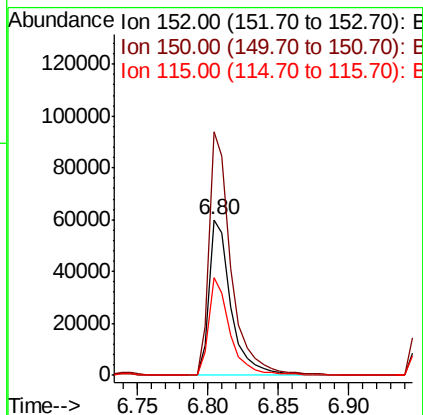
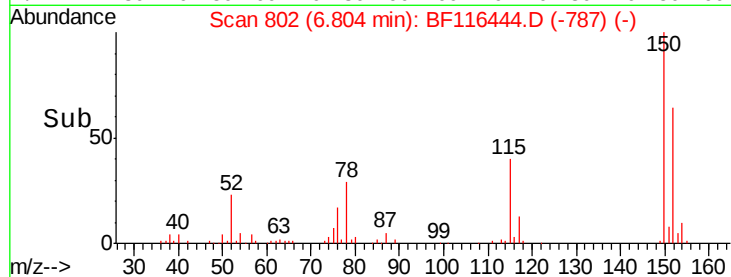
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF116444.D
Acq: 20 Aug 2019 21:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 64868
Ion Ratio Lower Upper
152 100
150 156.6 126.2 189.2
115 63.1 49.9 74.9



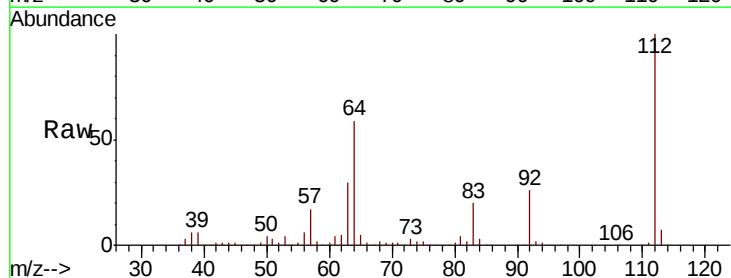
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



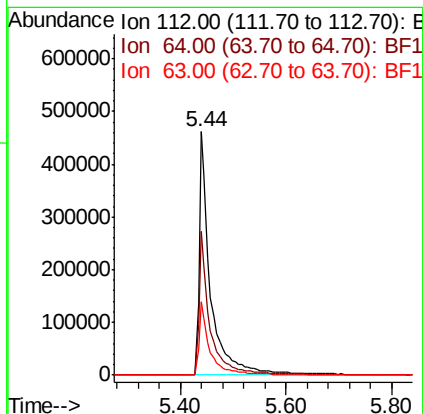
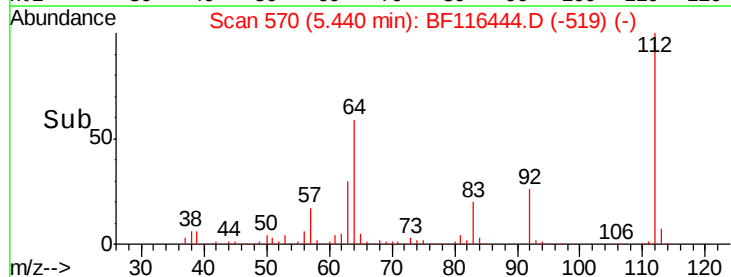
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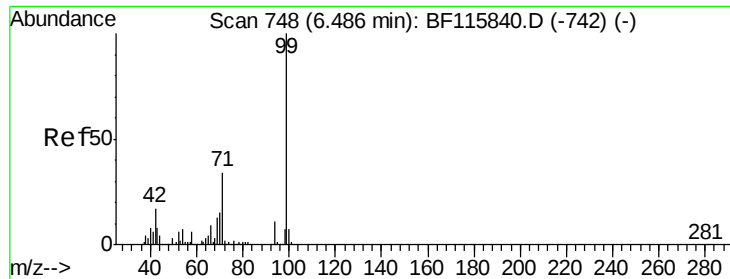
2-Fluorophenol
Concen: 181.356 ng
RT: 5.44 min Scan# 570
Delta R.T. 0.00 min
Lab File: BF116444.D
Acq: 20 Aug 2019 21:46

Tgt Ion:112 Resp: 702735
Ion Ratio Lower Upper
112 100
64 59.1 45.4 68.2
63 30.2 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: 171.680 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF116444.D

Acq: 20 Aug 2019 21:46

Instrument :

BNA_F

ClientSampleId :

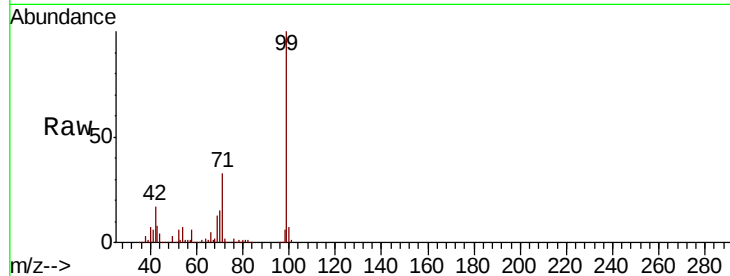
Tot Ion: 99 Resp: 839319

Ion Ratio Lower Upper

99 100

42 17.0 13.8 20.8

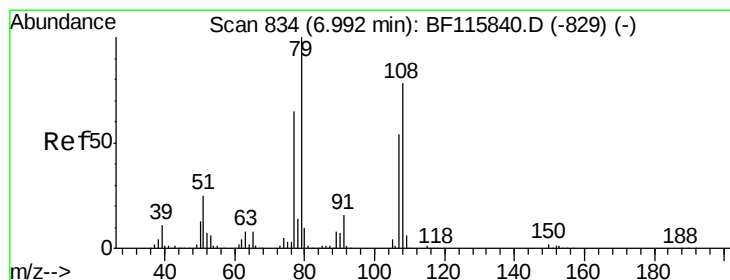
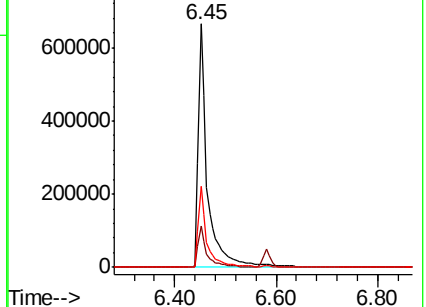
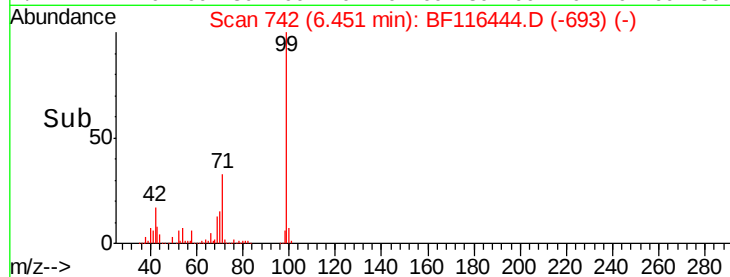
71 33.1 27.3 40.9



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



#15

Benzyl Alcohol

Concen: 2.685 ng

RT: 6.96 min Scan# 828

Delta R.T. -0.01 min

Lab File: BF116444.D

Acq: 20 Aug 2019 21:46

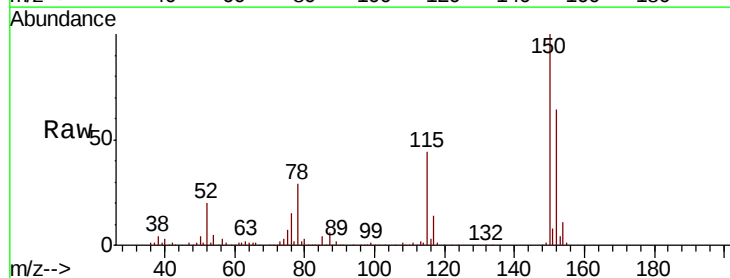
Tgt Ion: 79 Resp: 9960

Ion Ratio Lower Upper

79 100

108 29.6 62.7 94.1#

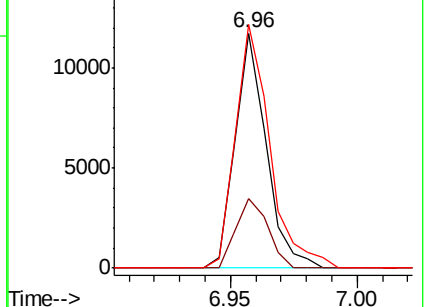
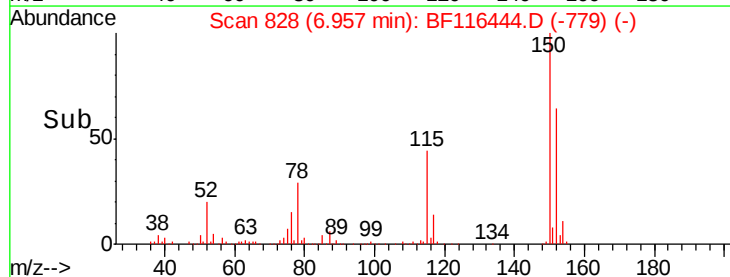
77 103.7 52.2 78.2#

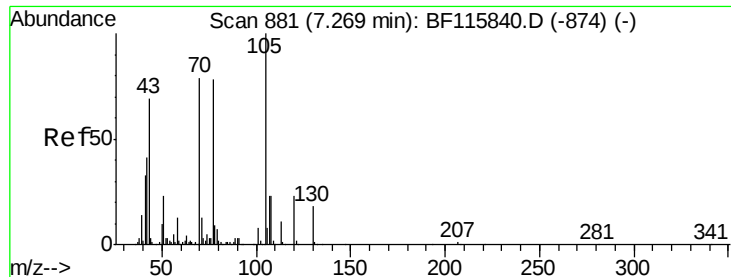


Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

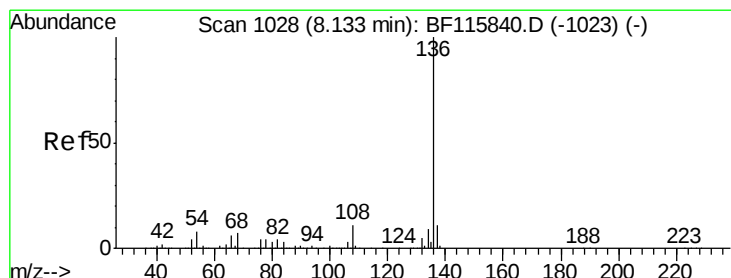
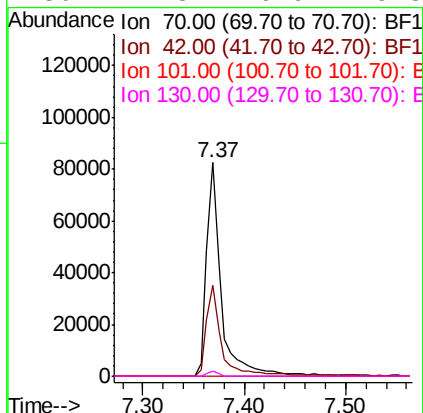
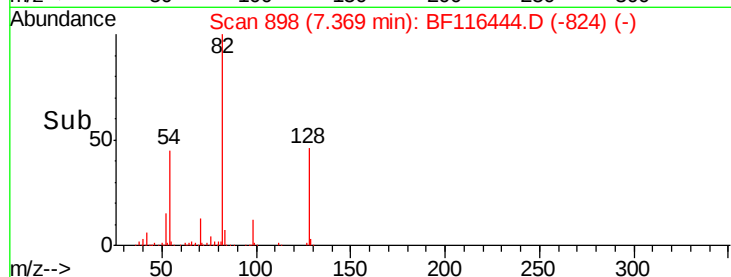
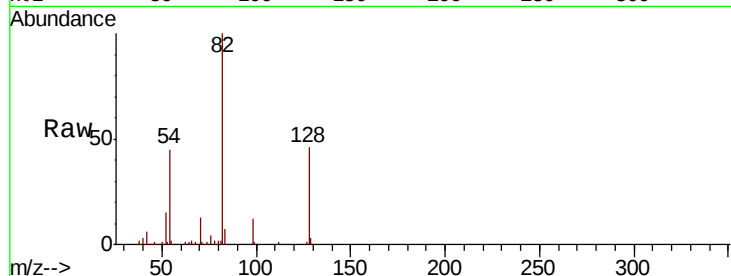




#19
n-Nitroso-di-n-propylamine
Concen: 27.505 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.14 min
Lab File: BF116444.D
Acq: 20 Aug 2019 21:46

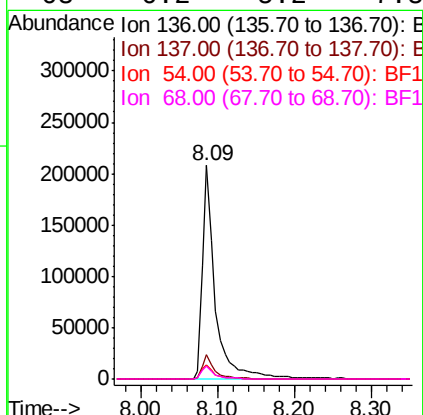
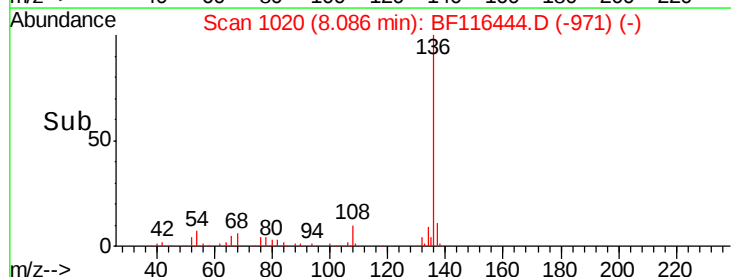
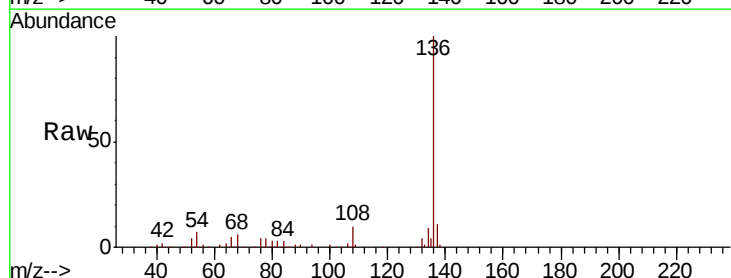
Instrument :
BNA_F
ClientSampleId :

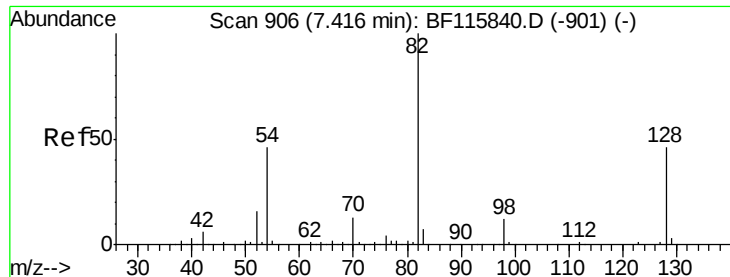
Tot Ion:	70	Resp:	83328
Ion	Ratio	Lower	Upper
70	100		
42	42.6	40.9	61.3
101	0.0	7.9	11.9#
130	2.3	16.9	25.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BF116444.D
Acq: 20 Aug 2019 21:46

Tgt Ion:	136	Resp:	244632
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.0	13.4
54	6.8	5.8	8.6
68	6.2	5.2	7.8

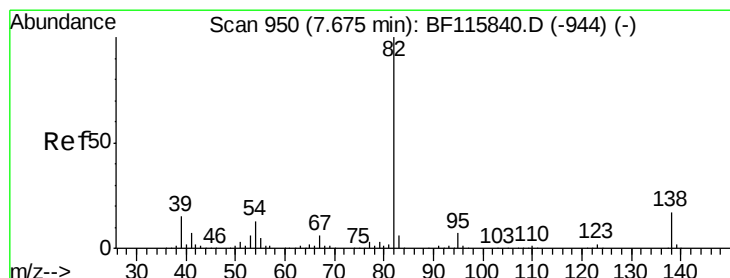
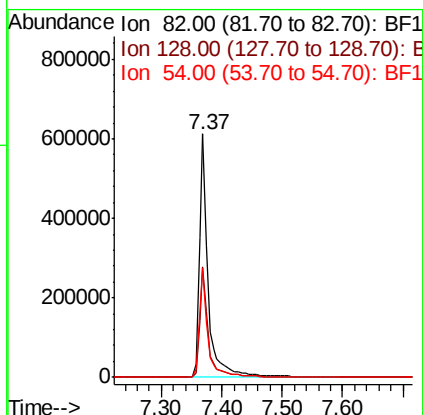
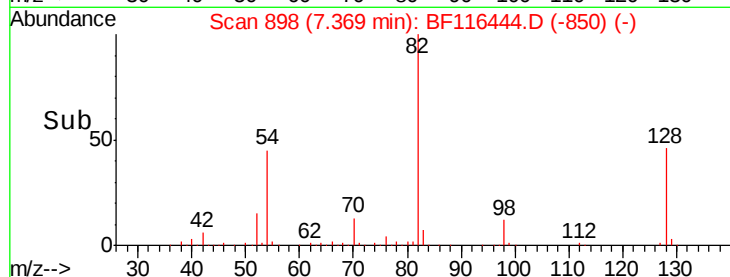
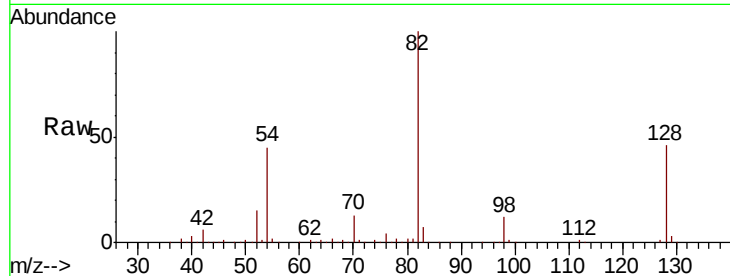




#23
 Nitrobenzene-d5
 Concen: 149.933 ng
 RT: 7.37 min Scan# 898
 Delta R.T. -0.02 min
 Lab File: BF116444.D
 Acq: 20 Aug 2019 21:46

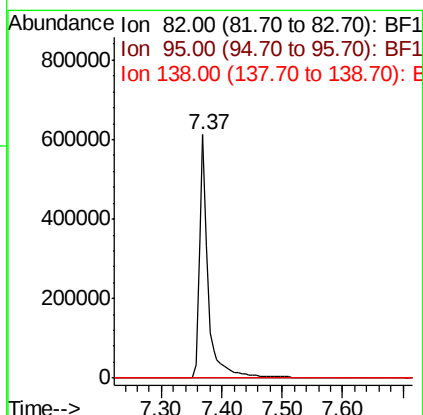
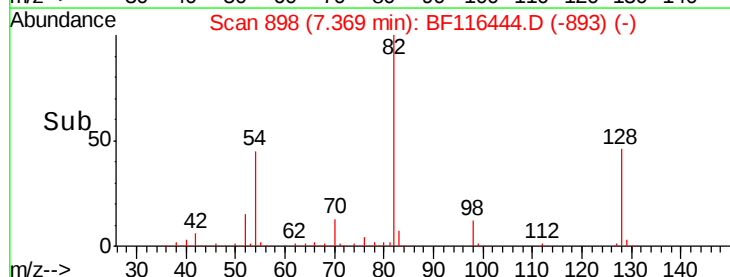
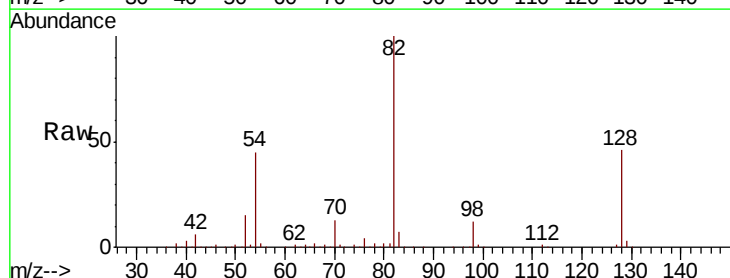
Instrument :
 BNA_F
 ClientSampleId :

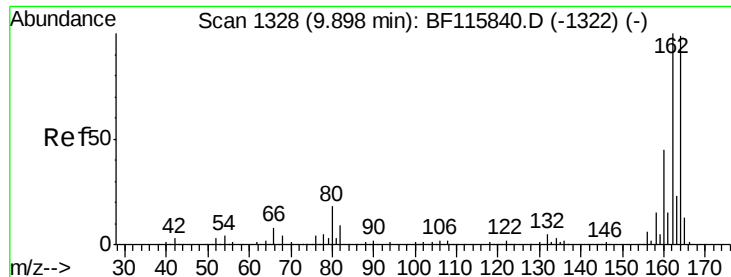
Tot Ion: 82 Resp: 635418
 Ion Ratio Lower Upper
 82 100
 128 45.6 36.5 54.7
 54 44.9 36.0 54.0



#25
 Isophorone
 Concen: 78.410 ng
 RT: 7.37 min Scan# 898
 Delta R.T. -0.27 min
 Lab File: BF116444.D
 Acq: 20 Aug 2019 21:46

Tgt Ion: 82 Resp: 635418
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.4 8.0#
 138 0.0 14.5 21.7#

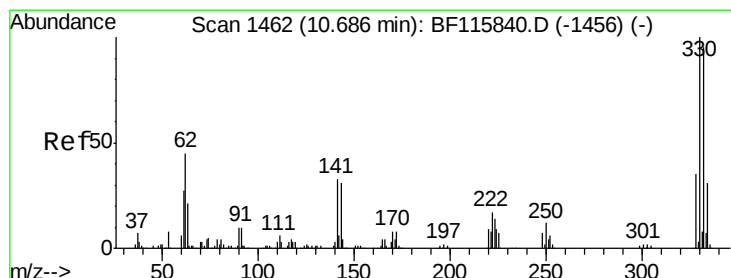
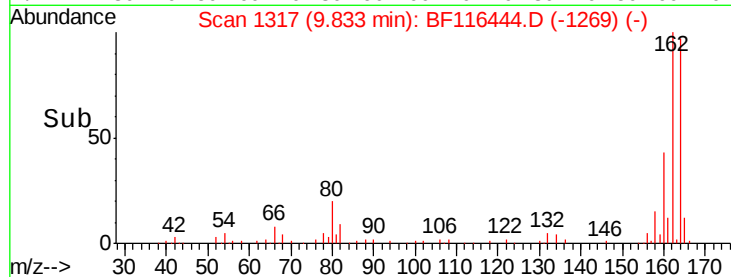
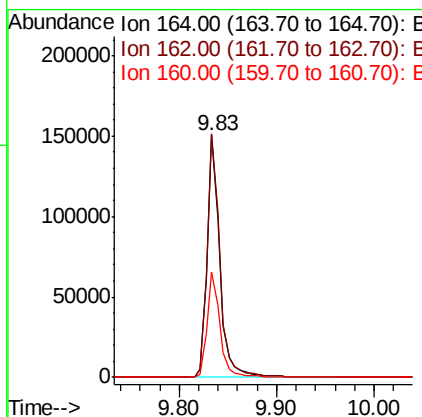
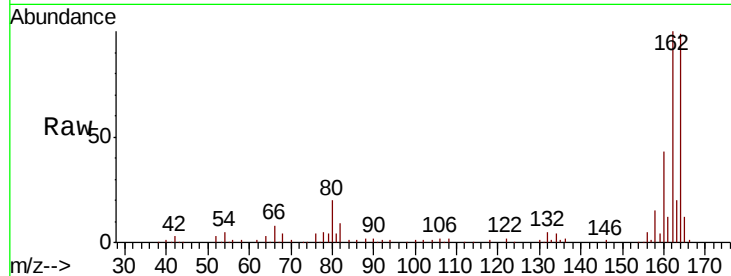




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.02 min
 Lab File: BF116444.D
 Acq: 20 Aug 2019 21:46

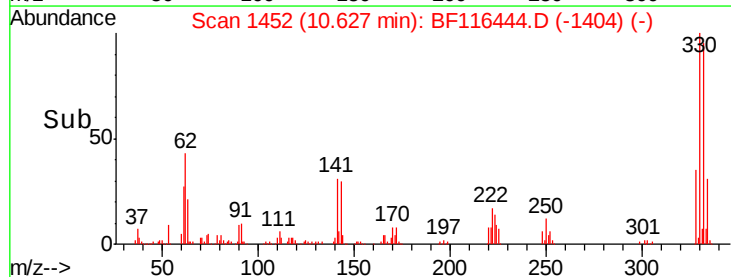
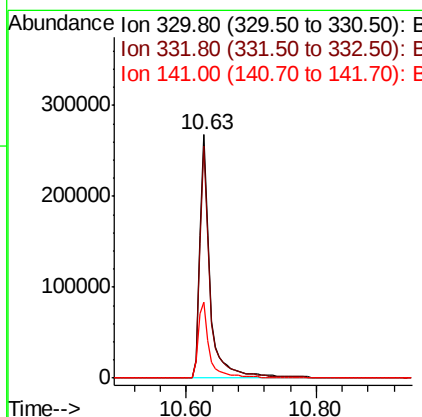
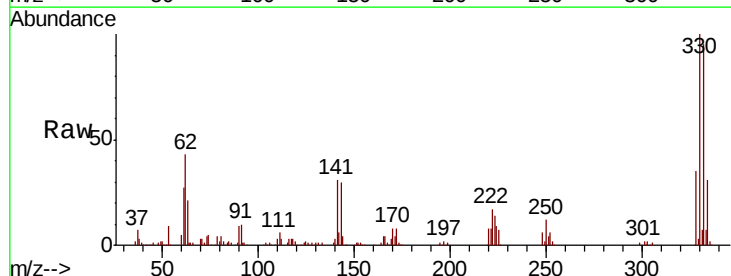
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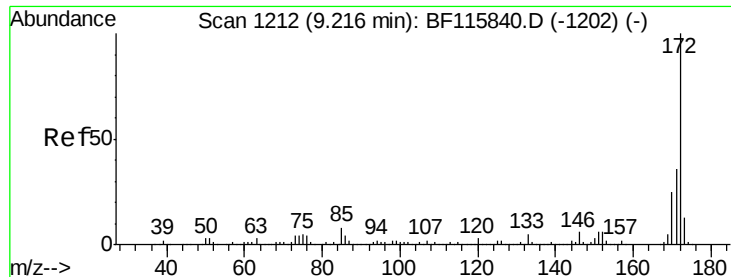
Tot Ion:164 Resp: 135737
 Ion Ratio Lower Upper
 164 100
 162 100.6 82.6 124.0
 160 43.5 37.6 56.4



#42
 2,4,6-Tribromophenol
 Concen: 226.969 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.02 min
 Lab File: BF116444.D
 Acq: 20 Aug 2019 21:46

Tgt Ion:330 Resp: 298693
 Ion Ratio Lower Upper
 330 100
 332 96.0 76.8 115.2
 141 33.8 26.3 39.5

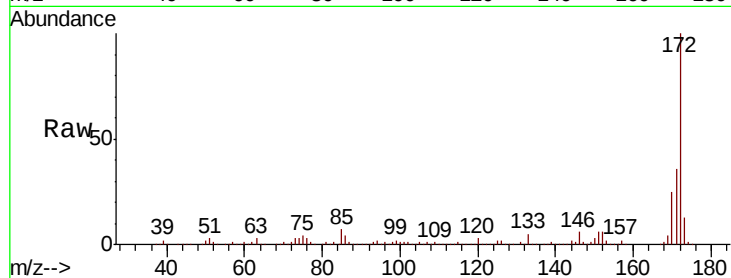




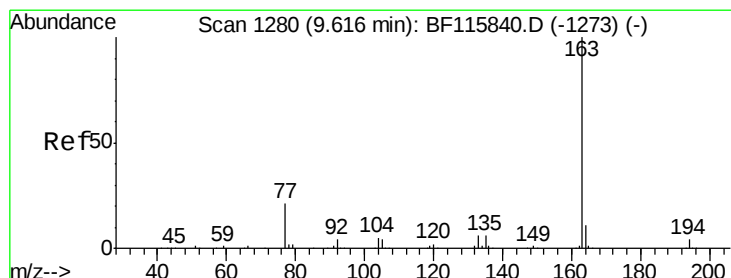
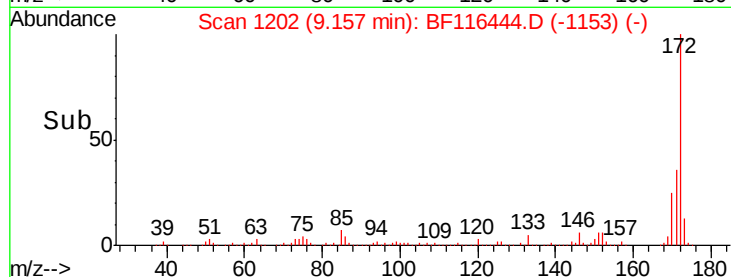
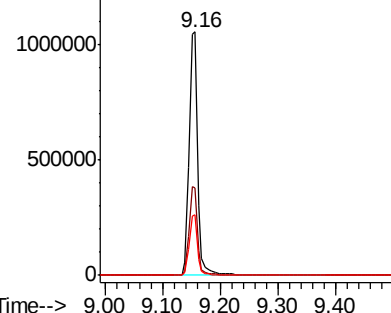
#45
2-Fluorobiphenyl
Concen: 154.077 ng
RT: 9.16 min Scan# 1202
Delta R.T. -0.01 min
Lab File: BF116444.D
Acq: 20 Aug 2019 21:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1116559
Ion Ratio Lower Upper
172 100
171 35.9 29.6 44.4
170 24.9 20.1 30.1

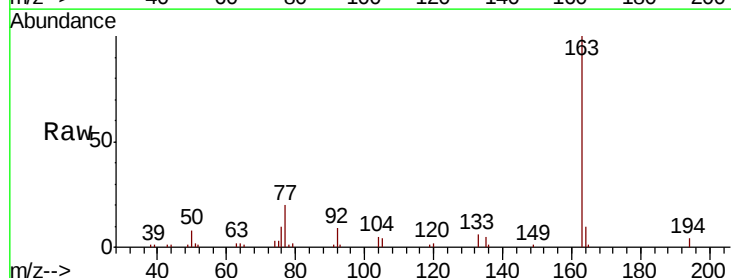


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

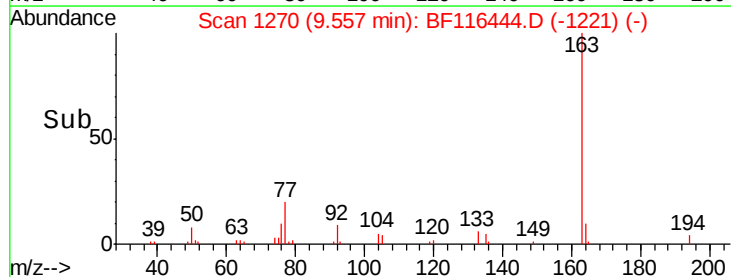
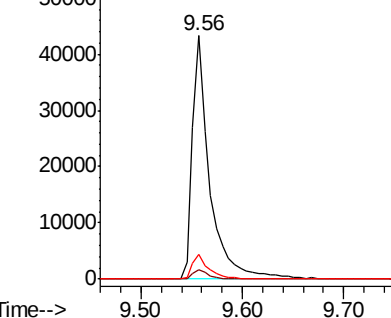


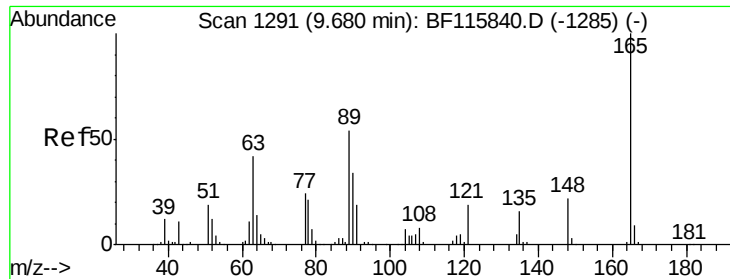
#50
Dimethylphthalate
Concen: 5.543 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BF116444.D
Acq: 20 Aug 2019 21:46

Tgt Ion:163 Resp: 51226
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.6
164 10.2 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

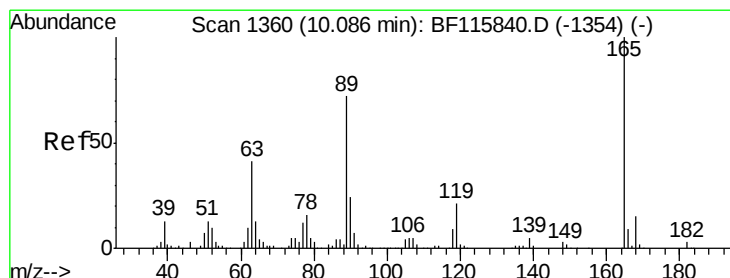
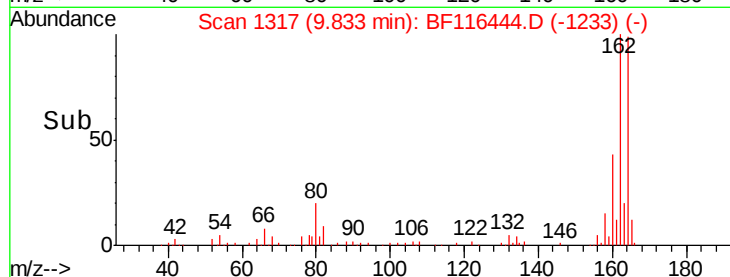
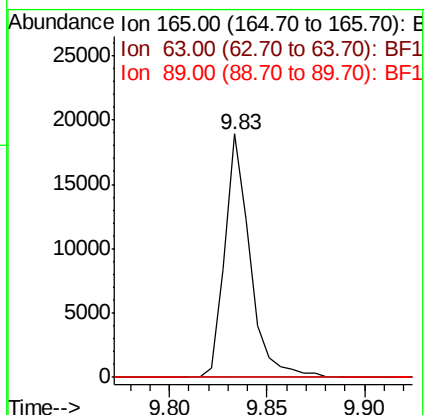
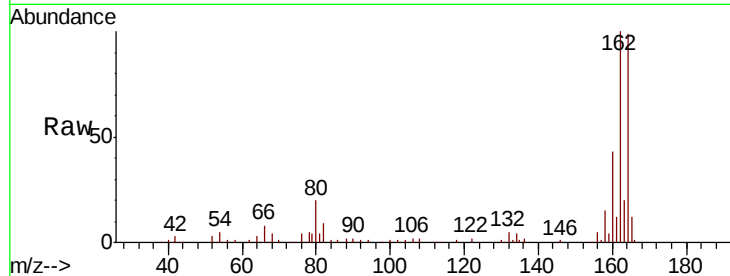




#51
 2,6-Dinitrotoluene
 Concen: 8.428 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. 0.19 min
 Lab File: BF116444.D
 Acq: 20 Aug 2019 21:46

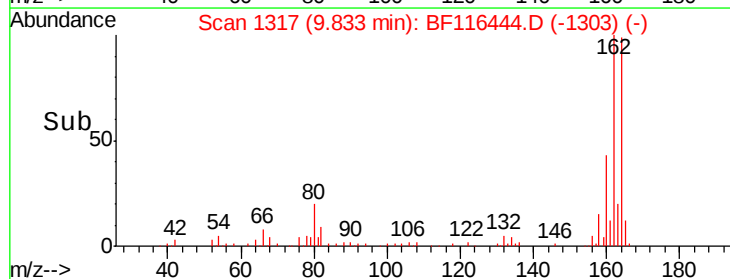
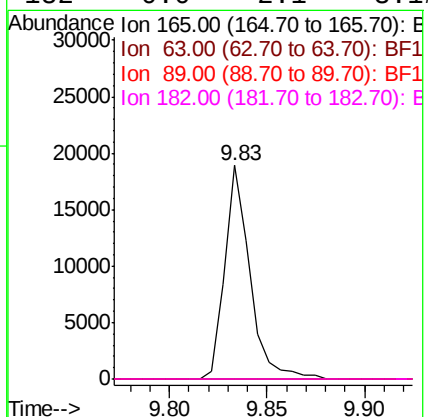
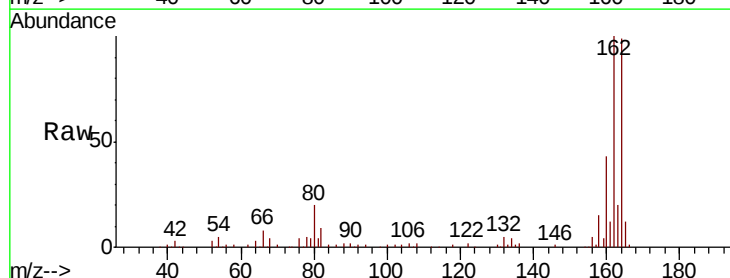
Instrument :
 BNA_F
 ClientSampleId :

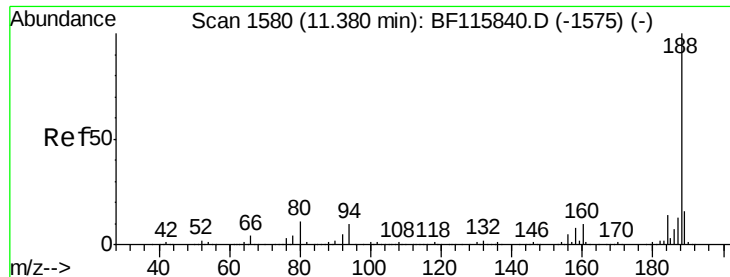
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	38.2	57.2#
89	0.0	42.9	64.3#



#57
 2,4-Dinitrotoluene
 Concen: 6.330 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.22 min
 Lab File: BF116444.D
 Acq: 20 Aug 2019 21:46

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	39.6	59.4#
89	0.0	62.2	93.2#
182	0.0	2.1	3.1#

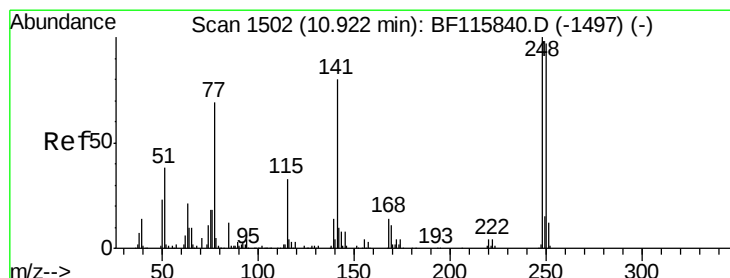
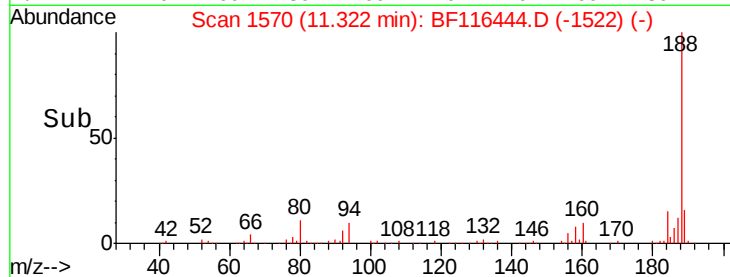
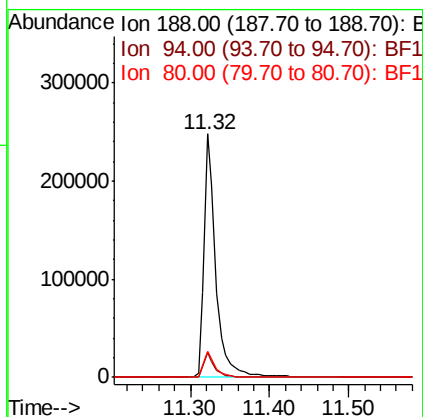
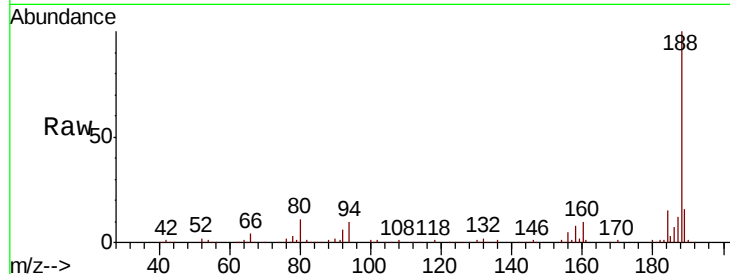




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.32 min Scan# 1570
 Delta R.T. -0.02 min
 Lab File: BF116444.D
 Acq: 20 Aug 2019 21:46

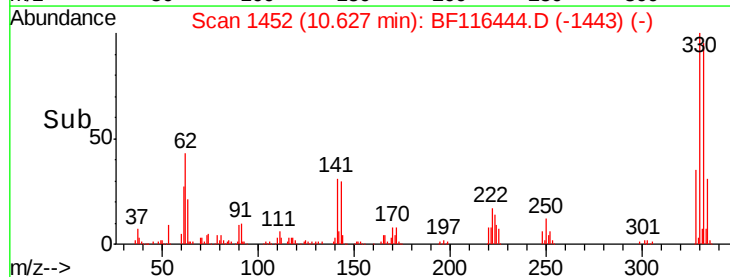
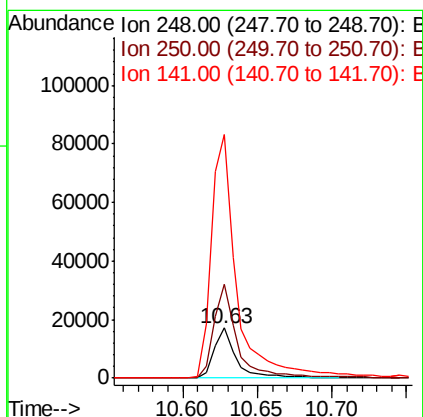
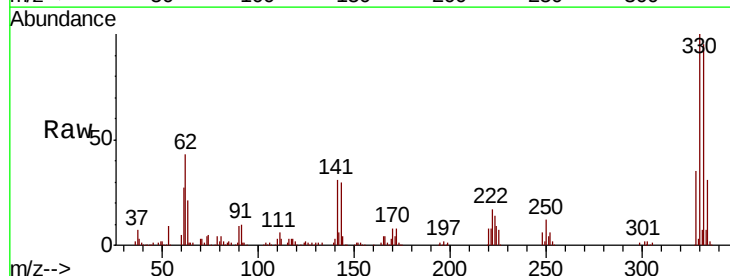
Instrument :
 BNA_F
 ClientSampleId :

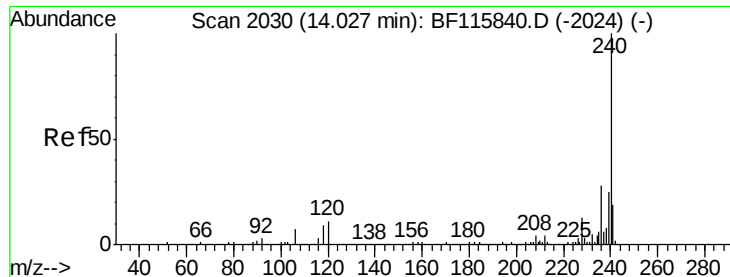
Tot Ion:188 Resp: 262066
 Ion Ratio Lower Upper
 188 100
 94 10.2 8.1 12.1
 80 10.7 8.7 13.1



#67
 4-Bromophenyl-phenylether
 Concen: 6.352 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.25 min
 Lab File: BF116444.D
 Acq: 20 Aug 2019 21:46

Tgt Ion:248 Resp: 17821
 Ion Ratio Lower Upper
 248 100
 250 188.3 77.4 116.2#
 141 489.9 56.8 85.2#

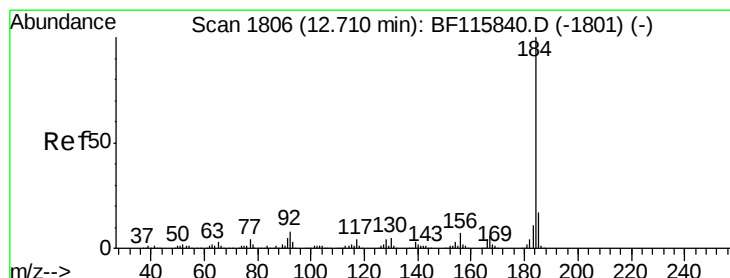
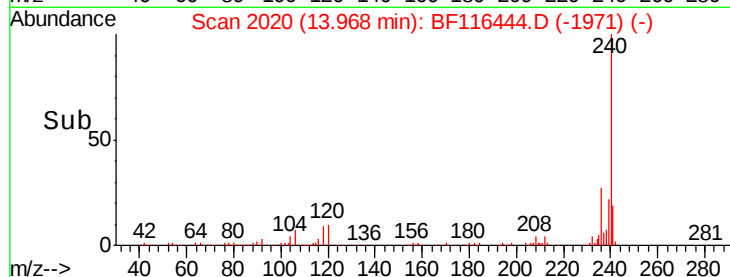
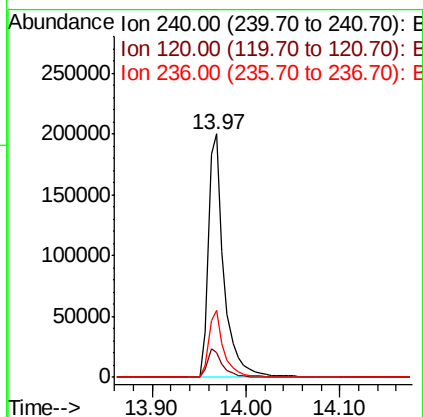
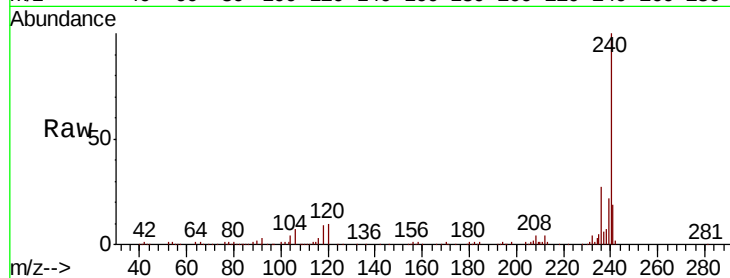




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.01 min
 Lab File: BF116444.D
 Acq: 20 Aug 2019 21:46

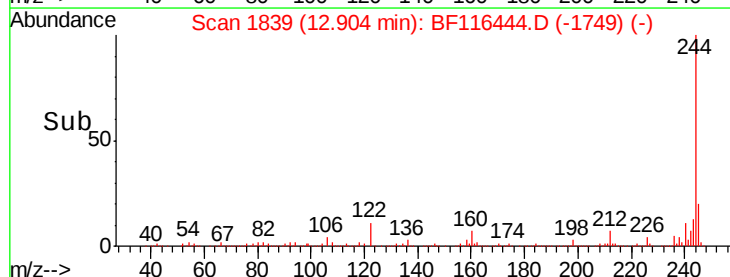
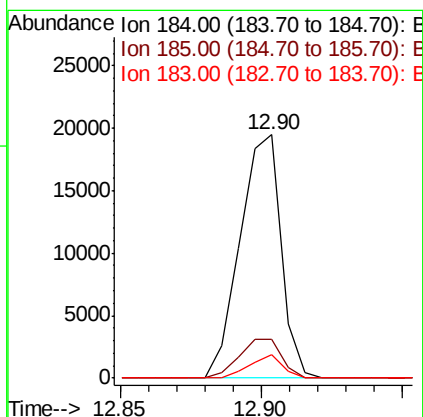
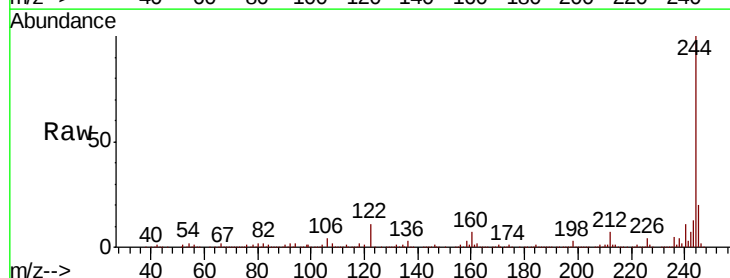
Instrument :
 BNA_F
 ClientSampleID :

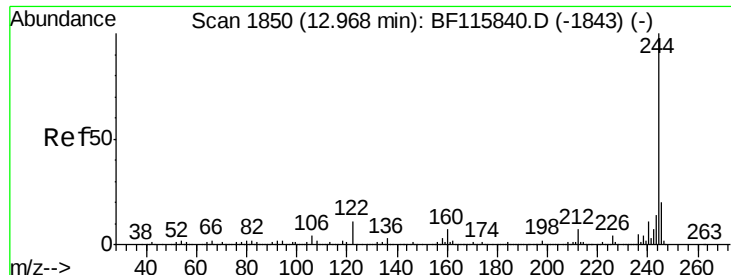
Tot Ion:240 Resp: 231879
 Ion Ratio Lower Upper
 240 100
 120 10.4 10.7 16.1#
 236 27.5 22.2 33.2



#77
 Benzidine
 Concen: 2.508 ng
 RT: 12.90 min Scan# 1839
 Delta R.T. 0.23 min
 Lab File: BF116444.D
 Acq: 20 Aug 2019 21:46

Tgt Ion:184 Resp: 19644
 Ion Ratio Lower Upper
 184 100
 185 16.1 12.8 19.2
 183 9.4 9.4 14.0





#79

Terphenyl-d14

Concen: 133.319 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BF116444.D

Acq: 20 Aug 2019 21:46

Instrument :

BNA_F

ClientSampleId :

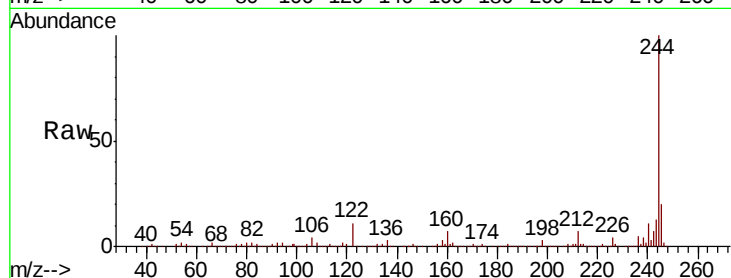
Tot Ion:244 Resp: 1467083

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

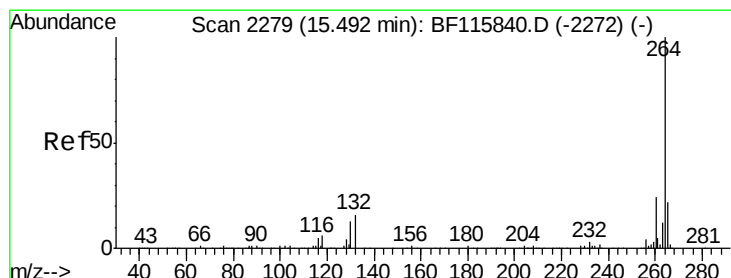
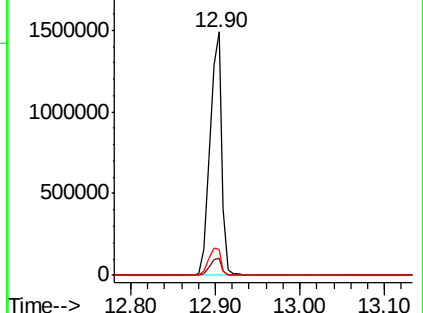
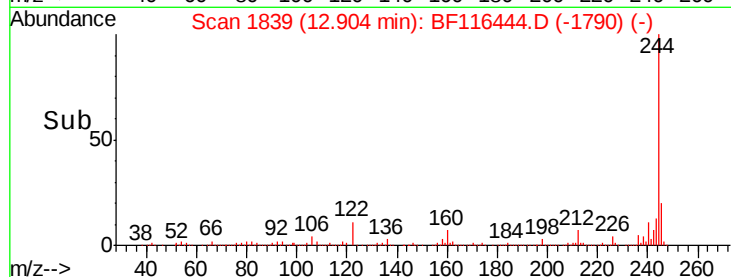
122 10.7 9.0 13.4



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: 15.42 min Scan# 2267

Delta R.T. -0.02 min

Lab File: BF116444.D

Acq: 20 Aug 2019 21:46

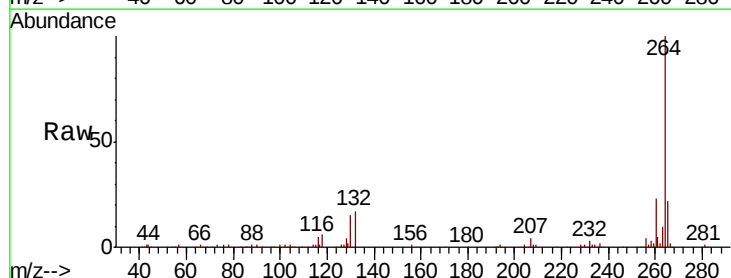
Tgt Ion:264 Resp: 232200

Ion Ratio Lower Upper

264 100

260 23.3 19.7 29.5

265 21.8 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

