

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081919\
 Data File : BF116396.D
 Acq On : 19 Aug 2019 19:12
 Operator : HP/JU
 Sample : K4350-09
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS-18_081519

Quant Time: Aug 20 01:41:34 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

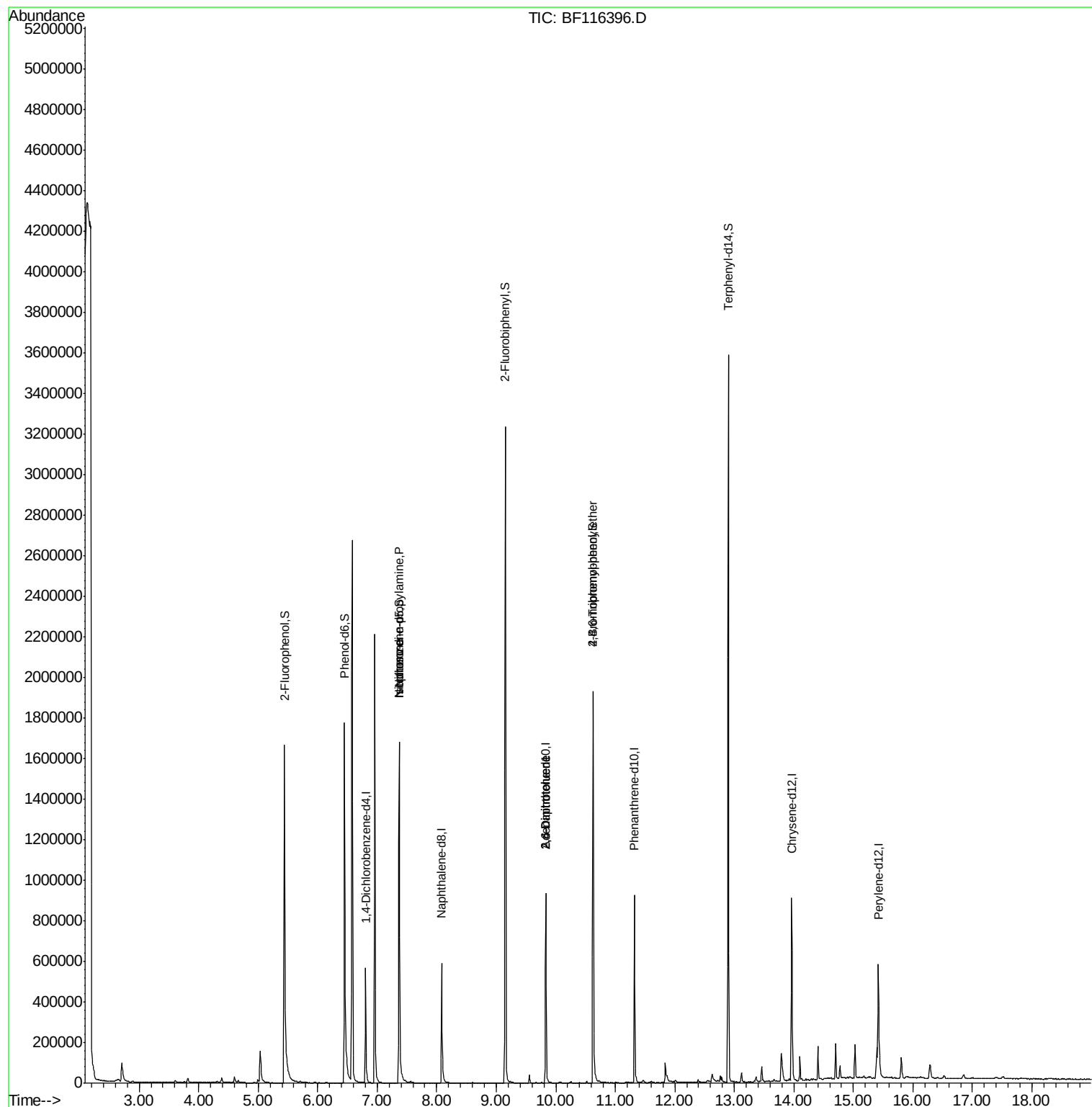
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	87920	20.00	ng	-0.01
21) Naphthalene-d8	8.09	136	342097	20.00	ng	-0.01
39) Acenaphthene-d10	9.83	164	186893	20.00	ng	-0.02
64) Phenanthrene-d10	11.32	188	347010	20.00	ng	-0.02
76) Chrysene-d12	13.96	240	314346	20.00	ng	-0.02
87) Perylene-d12	15.42	264	319134	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	674868	128.50	ng	0.00
7) Phenol-d6	6.45	99	820247	123.79	ng	-0.01
23) Nitrobenzene-d5	7.37	82	601059	101.42	ng	-0.02
42) 2,4,6-Tribromophenol	10.63	330	273695	151.05	ng	-0.02
45) 2-Fluorobiphenyl	9.15	172	1035925	103.82	ng	-0.02
79) Terphenyl-d14	12.90	244	1338524	89.73	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.37	70	79053	19.253	ng	# 79
25) Isophorone	7.37	82	601056	53.039	ng	# 65
51) 2,6-Dinitrotoluene	9.83	165	23347	8.442	ng	# 29
57) 2,4-Dinitrotoluene	9.83	165	23347	6.341	ng	# 20
67) 4-Bromophenyl-phenylether	10.63	248	16382	4.410	ng	# 1

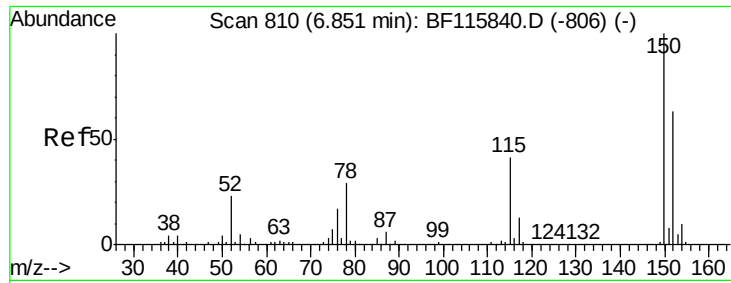
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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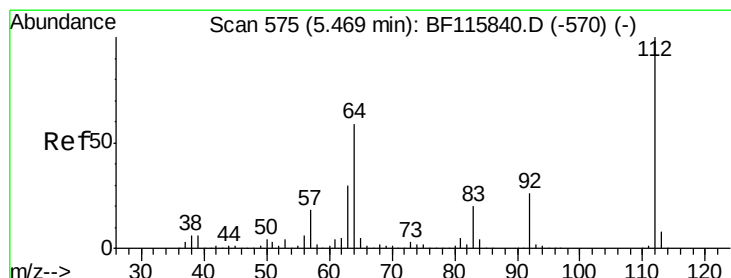
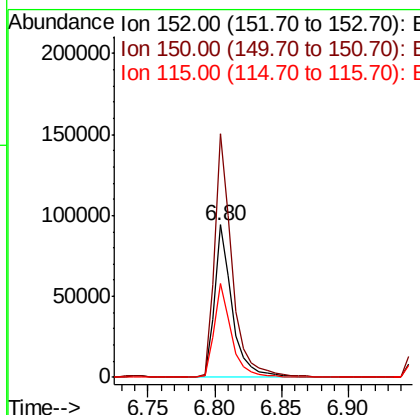
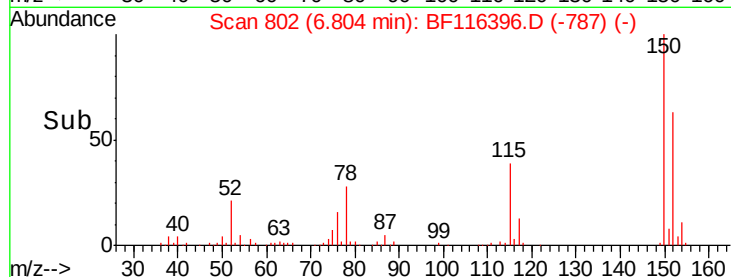
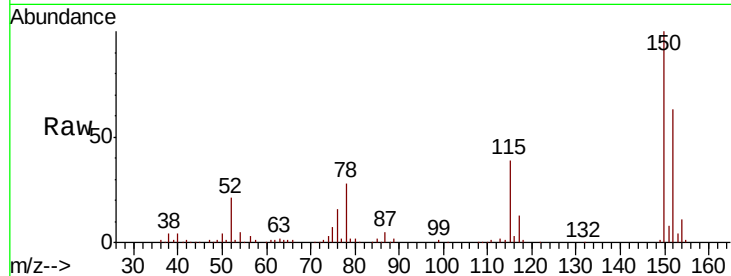




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.80 min Scan# 802
 Delta R.T. -0.01 min
 Lab File: BF116396.D
 Acq: 19 Aug 2019 19:12

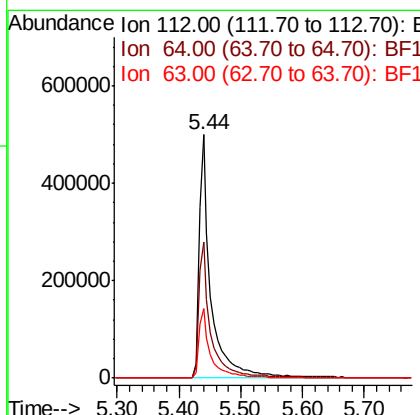
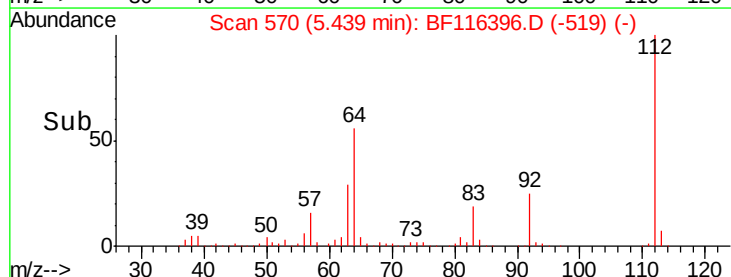
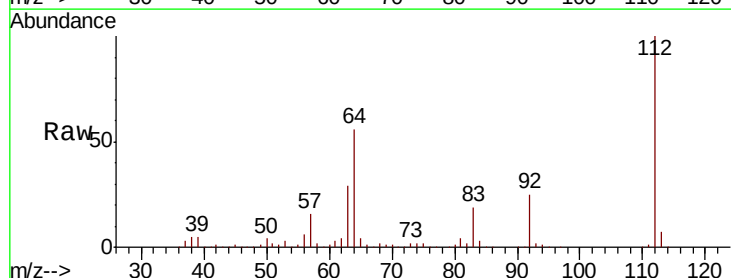
Instrument :
 BNA_F
 ClientSampleId :
 SS-18_081519

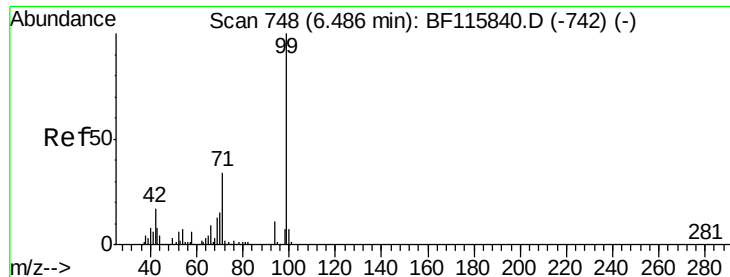
Tgt Ion:152 Resp: 87920
 Ion Ratio Lower Upper
 152 100
 150 159.8 126.2 189.2
 115 61.6 49.9 74.9



#5
 2-Fluorophenol
 Concen: 128.500 ng
 RT: 5.44 min Scan# 570
 Delta R.T. 0.00 min
 Lab File: BF116396.D
 Acq: 19 Aug 2019 19:12

Tgt Ion:112 Resp: 674868
 Ion Ratio Lower Upper
 112 100
 64 55.9 45.4 68.2
 63 28.8 23.7 35.5





#7

Phenol-d6

Concen: 123.789 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF116396.D

Acq: 19 Aug 2019 19:12

Instrument :

BNA_F

ClientSampleId :

SS-18_081519

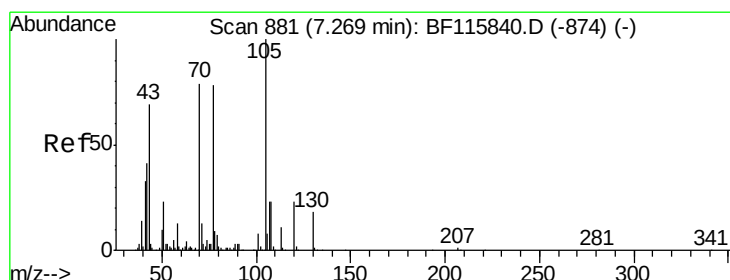
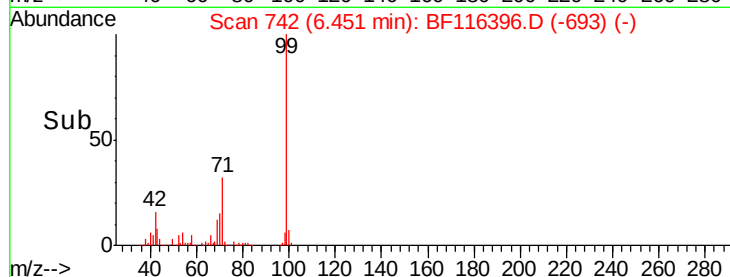
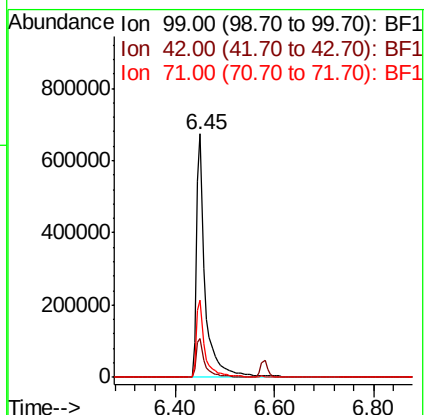
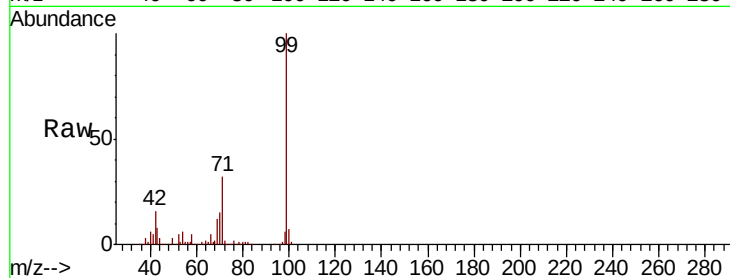
Tgt Ion: 99 Resp: 820247

Ion Ratio Lower Upper

99 100

42 16.0 13.8 20.8

71 31.9 27.3 40.9



#19

n-Nitroso-di-n-propylamine

Concen: 19.253 ng

RT: 7.37 min Scan# 898

Delta R.T. 0.14 min

Lab File: BF116396.D

Acq: 19 Aug 2019 19:12

Tgt Ion: 70 Resp: 79053

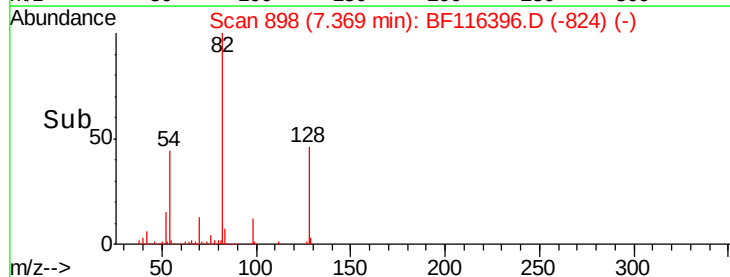
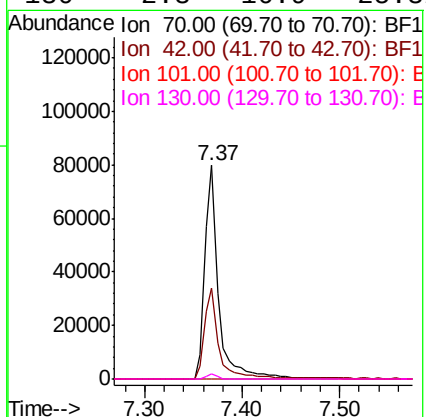
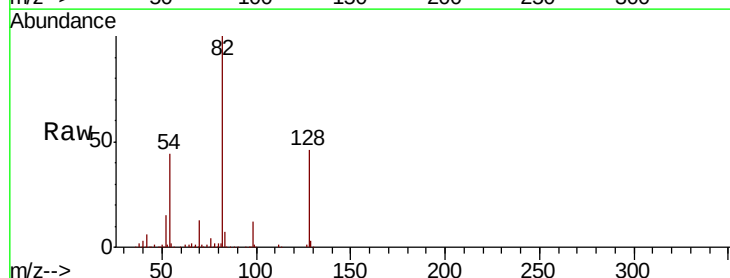
Ion Ratio Lower Upper

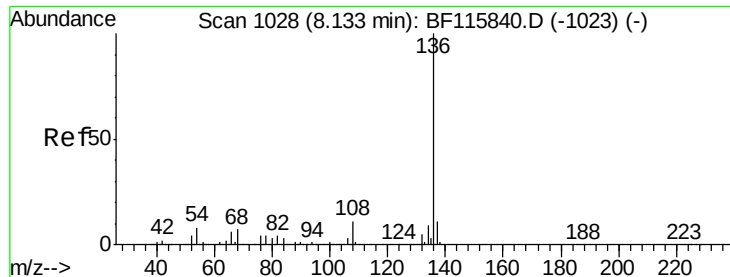
70 100

42 42.6 40.9 61.3

101 0.0 7.9 11.9#

130 2.3 16.9 25.3#

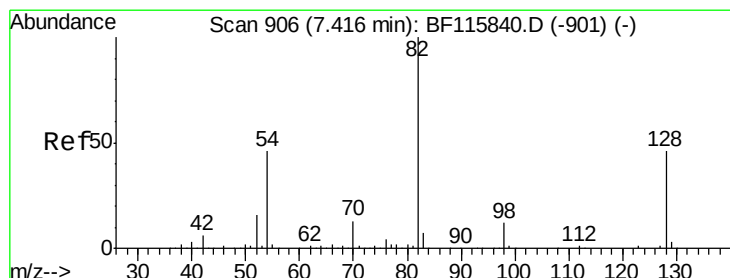
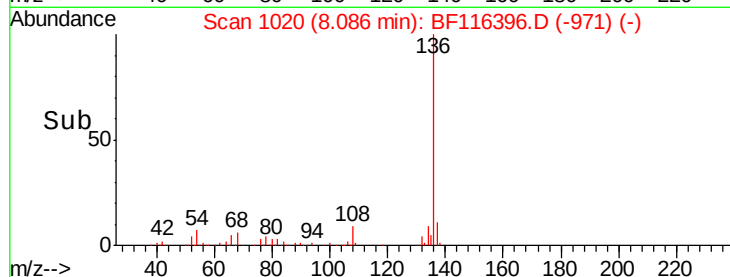
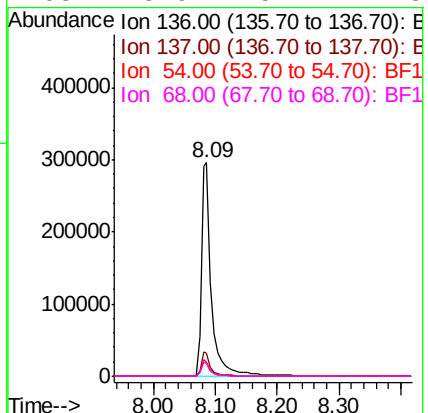
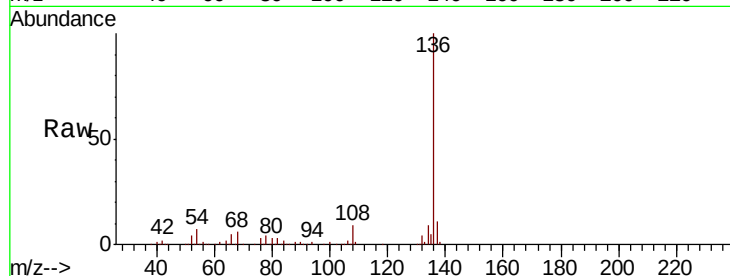




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BF116396.D
Acq: 19 Aug 2019 19:12

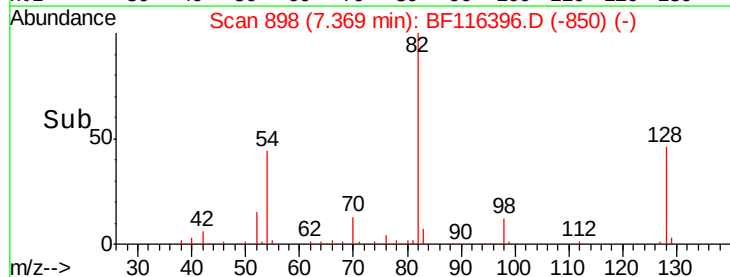
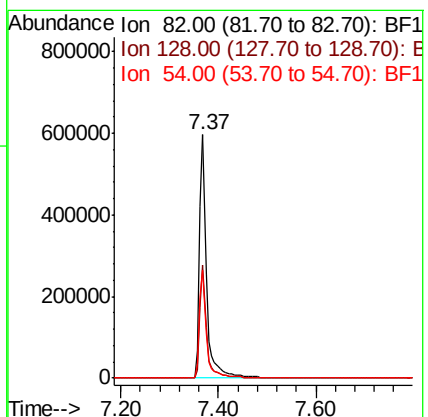
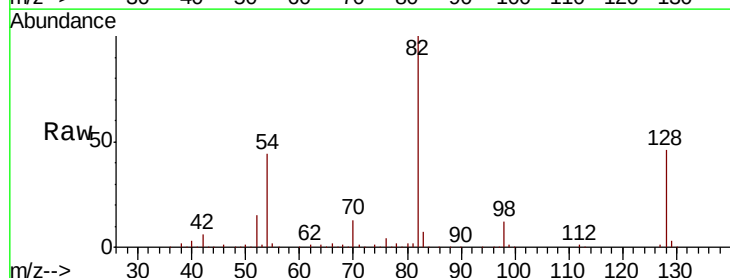
Instrument :
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ClientSampleId :
SS-18_081519

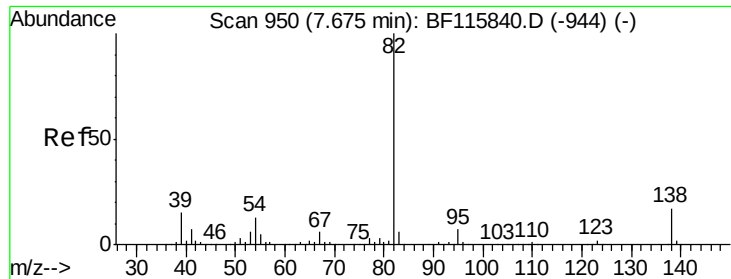
Tgt Ion:	136	Resp:	342097
Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.0	13.4
54	6.6	5.8	8.6
68	5.9	5.2	7.8



#23
Nitrobenzene-d5
Concen: 101.419 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.02 min
Lab File: BF116396.D
Acq: 19 Aug 2019 19:12

Tgt Ion:	82	Resp:	601059
Ion	Ratio	Lower	Upper
82	100		
128	46.2	36.5	54.7
54	44.2	36.0	54.0





#25

Isophorone

Concen: 53.039 ng

RT: 7.37 min Scan# 898

Delta R.T. -0.27 min

Lab File: BF116396.D

Acq: 19 Aug 2019 19:12

Instrument :

BNA_F

ClientSampleId :

SS-18_081519

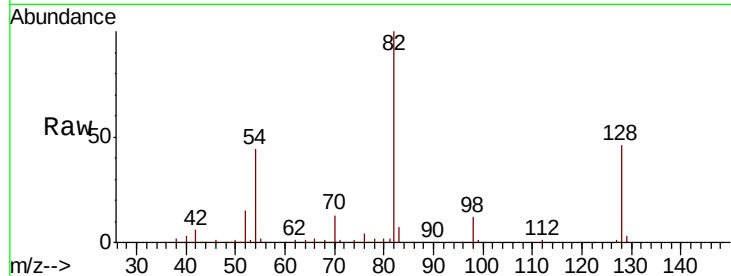
Tgt Ion: 82 Resp: 601056

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.0#

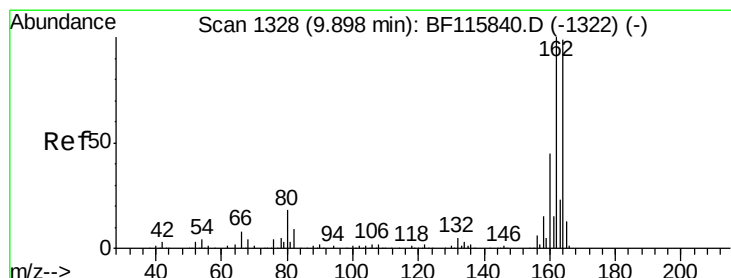
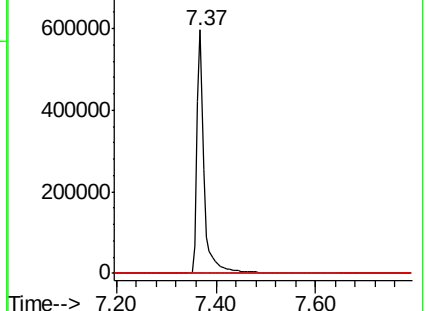
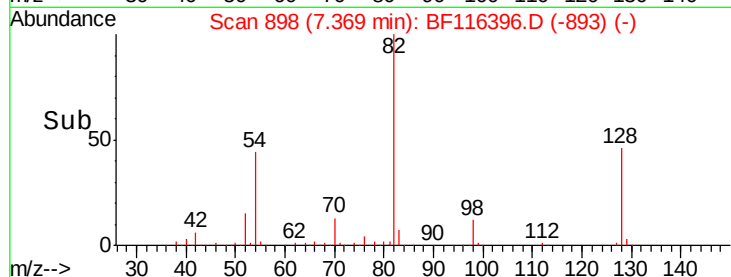
138 0.0 14.5 21.7#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1317

Delta R.T. -0.02 min

Lab File: BF116396.D

Acq: 19 Aug 2019 19:12

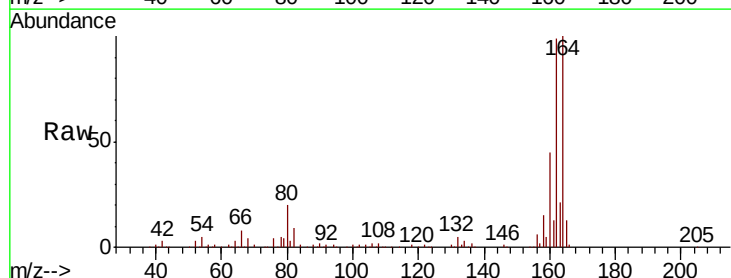
Tgt Ion: 164 Resp: 186893

Ion Ratio Lower Upper

164 100

162 98.8 82.6 124.0

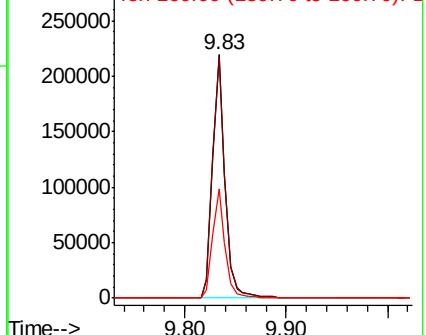
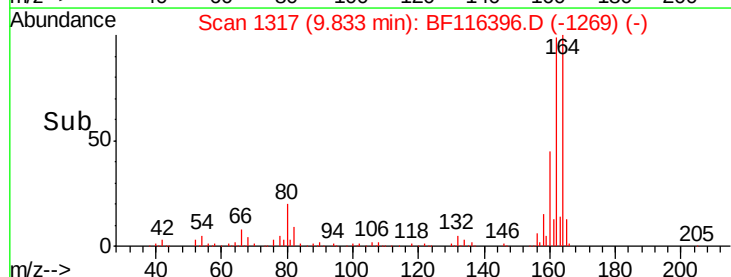
160 44.9 37.6 56.4

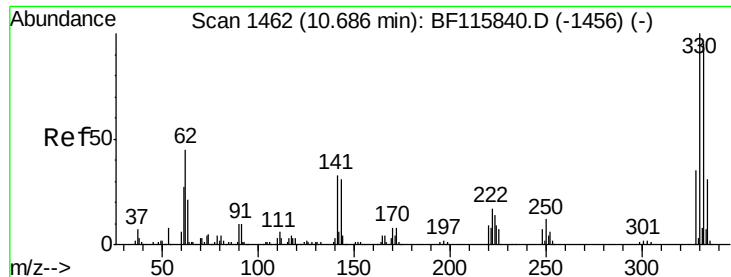


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

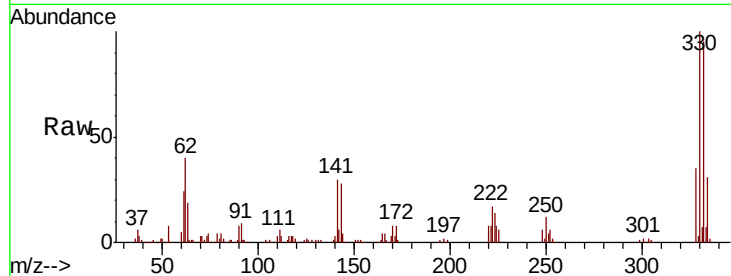




#42
 2,4,6-Tribromophenol
 Concen: 151.048 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.02 min
 Lab File: BF116396.D
 Acq: 19 Aug 2019 19:12

Instrument :
 BNA_F
 ClientSampleId :
 SS-18_081519

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.7	76.8	115.2
141	33.7	26.3	39.5

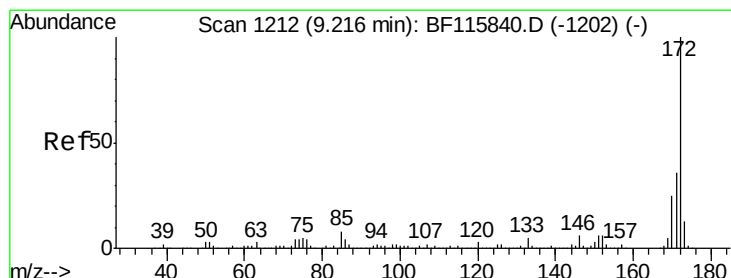
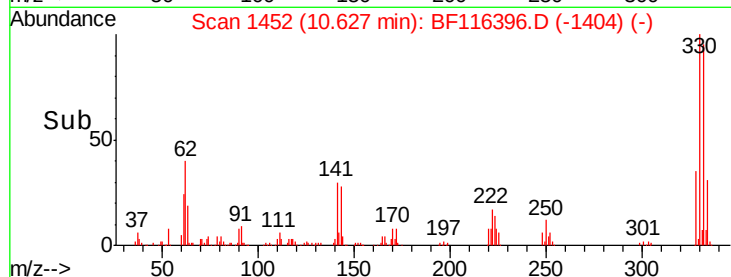
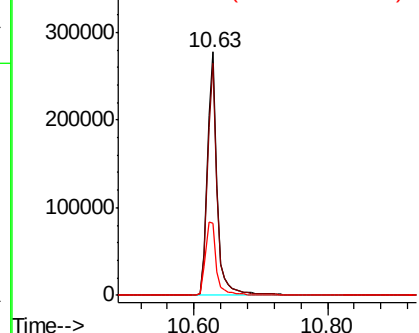


Abundance

Ion 329.80 (329.50 to 330.50): E

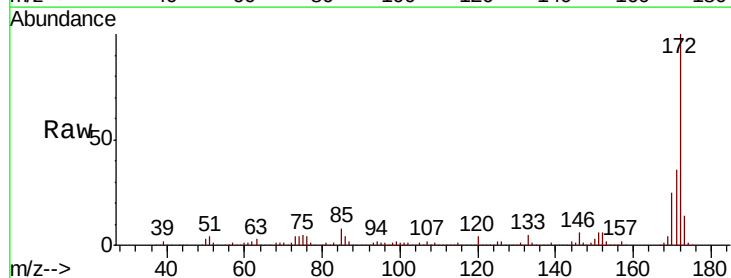
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 103.822 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.02 min
 Lab File: BF116396.D
 Acq: 19 Aug 2019 19:12

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.6	44.4
170	24.9	20.1	30.1

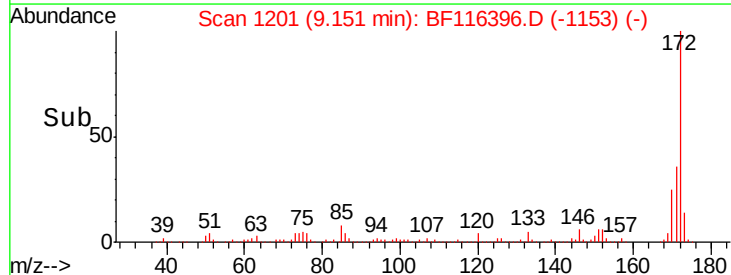
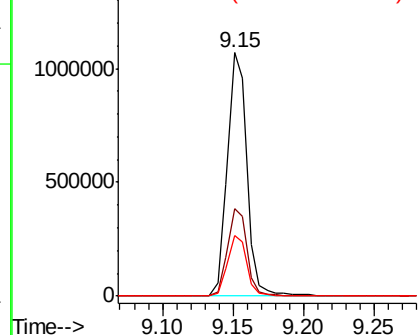


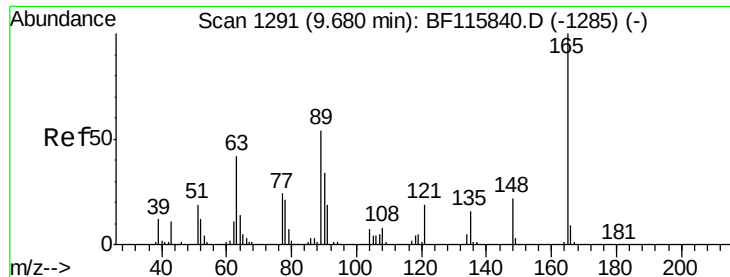
Abundance

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





#51

2,6-Dinitrotoluene

Concen: 8.442 ng

RT: 9.83 min Scan# 1317

Delta R.T. 0.19 min

Lab File: BF116396.D

Acq: 19 Aug 2019 19:12

Instrument :

BNA_F

ClientSampleId :

SS-18_081519

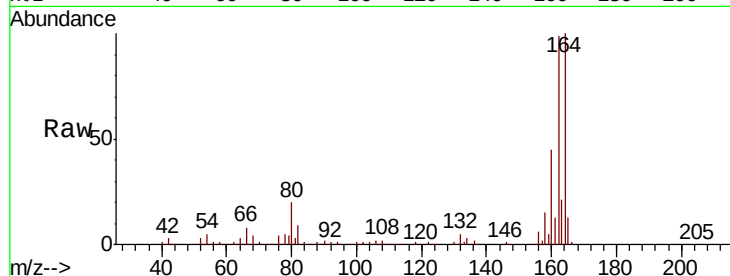
Tgt Ion:165 Resp: 23347

Ion Ratio Lower Upper

165 100

63 1.2 38.2 57.2#

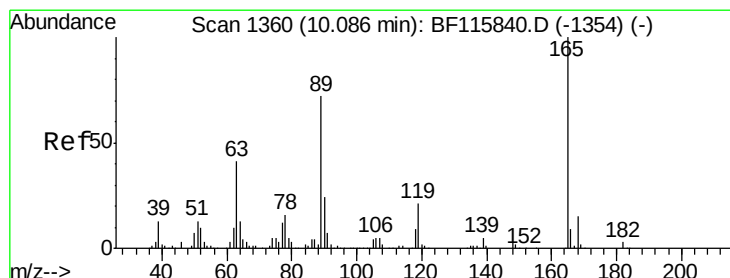
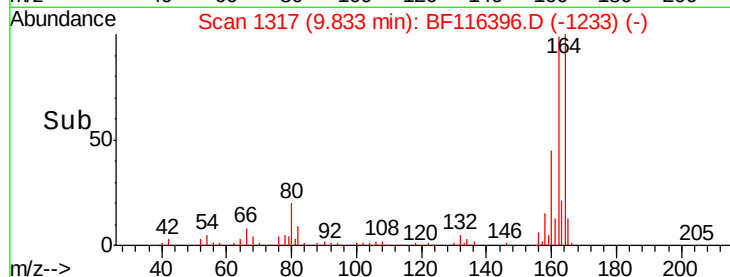
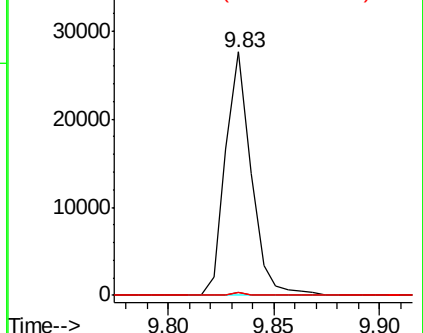
89 1.5 42.9 64.3#



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



#57

2,4-Dinitrotoluene

Concen: 6.341 ng

RT: 9.83 min Scan# 1317

Delta R.T. -0.22 min

Lab File: BF116396.D

Acq: 19 Aug 2019 19:12

Tgt Ion:165 Resp: 23347

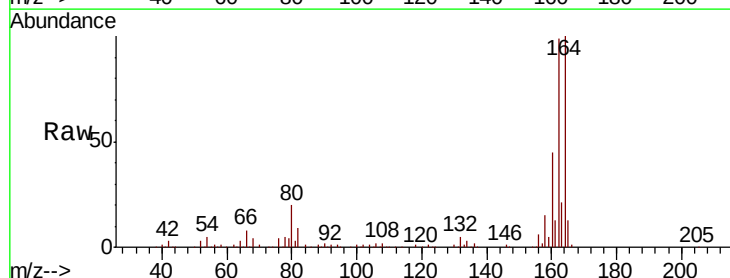
Ion Ratio Lower Upper

165 100

63 1.2 39.6 59.4#

89 1.5 62.2 93.2#

182 0.0 2.1 3.1#

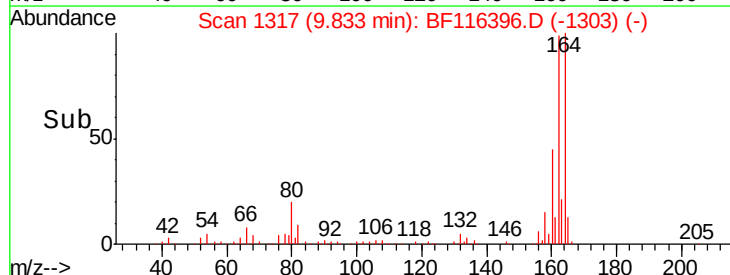
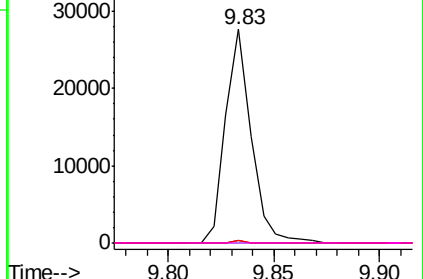


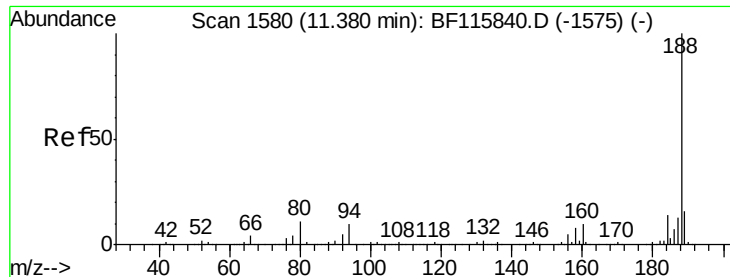
Abundance Ion 165.00 (164.70 to 165.70): E

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

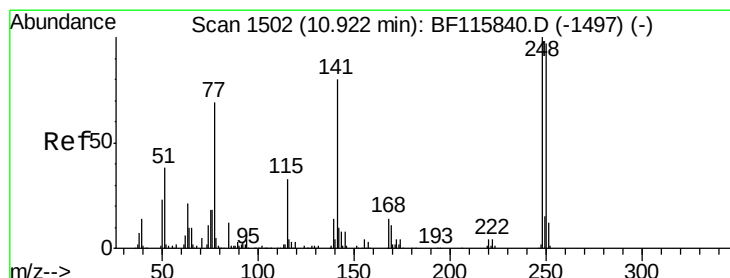
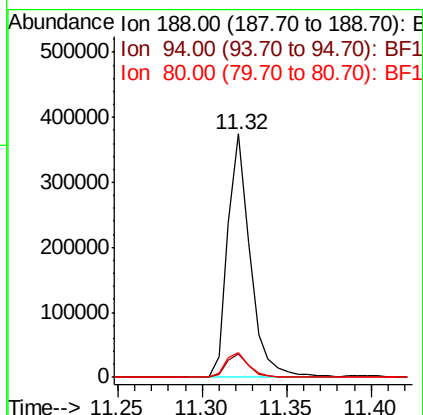
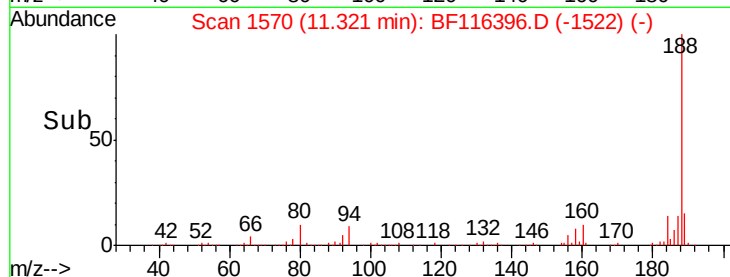
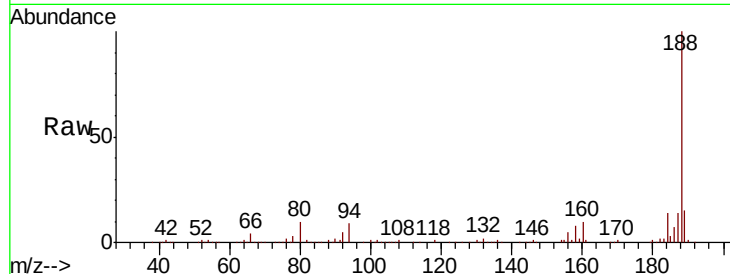




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.32 min Scan# 1570
 Delta R.T. -0.02 min
 Lab File: BF116396.D
 Acq: 19 Aug 2019 19:12

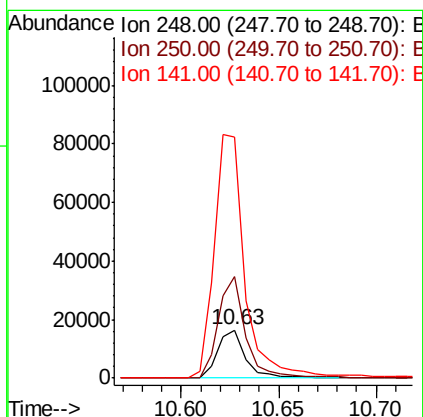
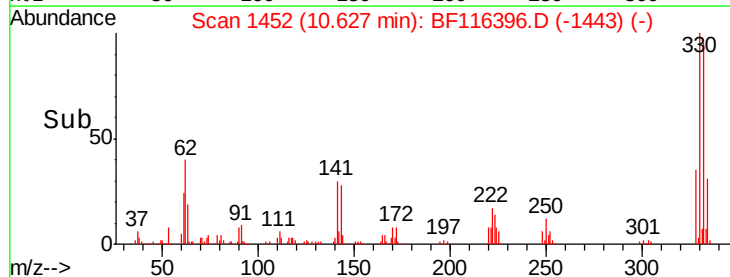
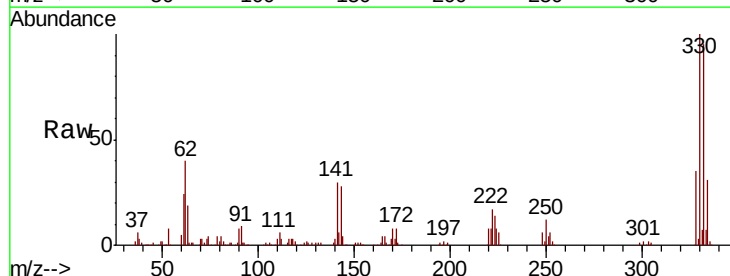
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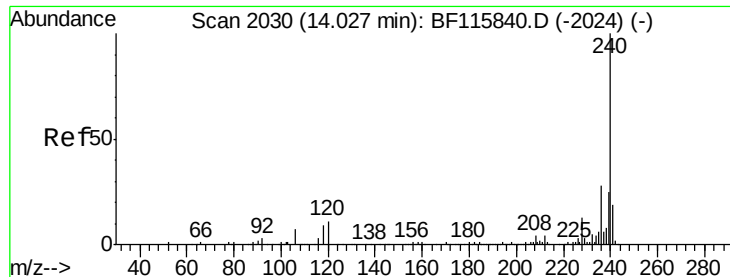
Tgt Ion:	188	Resp:	347010
Ion	Ratio	Lower	Upper
188	100		
94	9.4	8.1	12.1
80	10.3	8.7	13.1



#67
 4-Bromophenyl-phenylether
 Concen: 4.410 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.25 min
 Lab File: BF116396.D
 Acq: 19 Aug 2019 19:12

Tgt Ion:	248	Resp:	16382
Ion	Ratio	Lower	Upper
248	100		
250	210.2	77.4	116.2#
141	502.2	56.8	85.2#

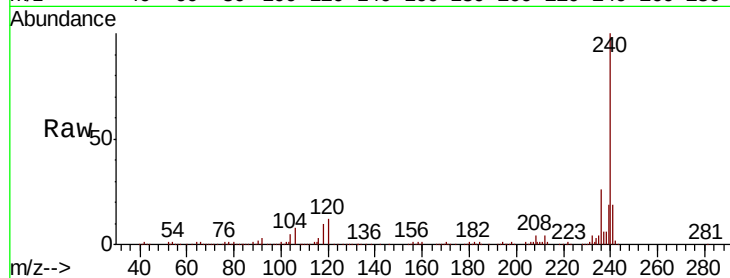




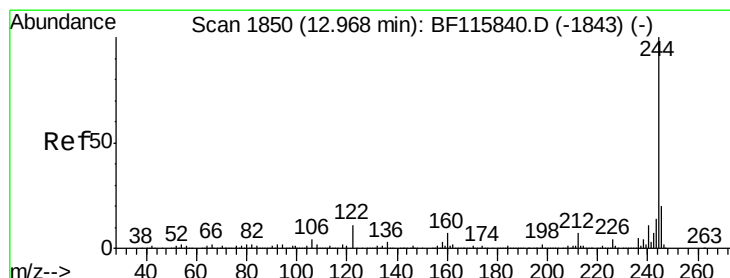
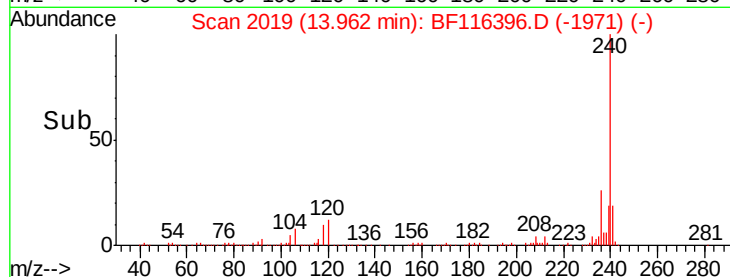
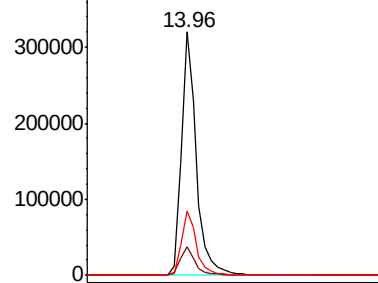
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. -0.02 min
 Lab File: BF116396.D
 Acq: 19 Aug 2019 19:12

Instrument :
 BNA_F
 ClientSampleId :
 SS-18_081519

Tgt Ion:240 Resp: 314346
 Ion Ratio Lower Upper
 240 100
 120 11.8 10.7 16.1
 236 26.5 22.2 33.2

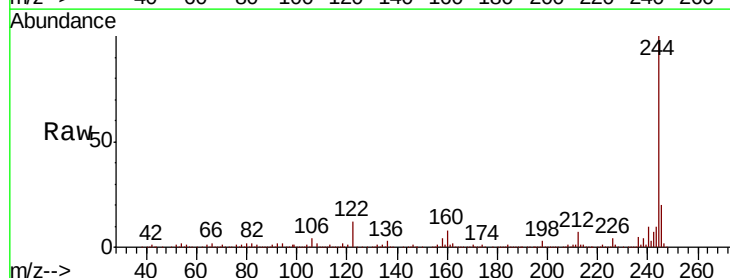


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

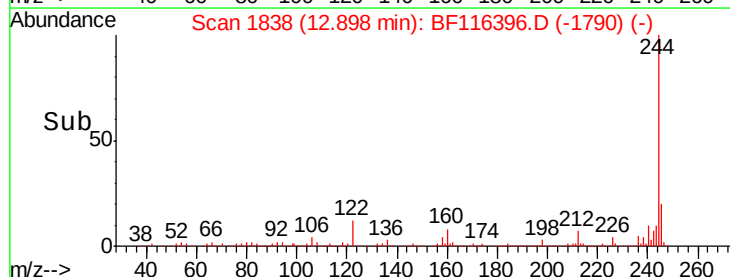
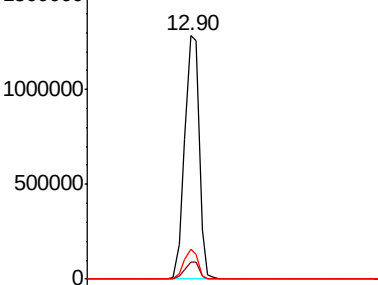


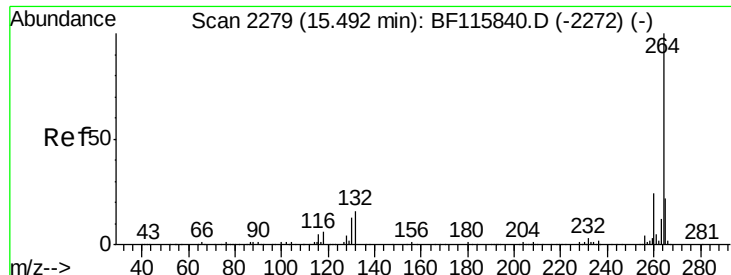
#79
 Terphenyl-d14
 Concen: 89.726 ng
 RT: 12.90 min Scan# 1838
 Delta R.T. -0.02 min
 Lab File: BF116396.D
 Acq: 19 Aug 2019 19:12

Tgt Ion:244 Resp: 1338524
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.8
 122 12.3 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# 2266
Delta R.T. -0.02 min
Lab File: BF116396.D
Acq: 19 Aug 2019 19:12

Instrument :
BNA_F
ClientSampleId :
SS-18_081519

Tgt Ion: 264 Resp: 319134

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.7	29.5
265	22.0	17.4	26.0

