

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081319\
 Data File : BF116239.D
 Acq On : 13 Aug 2019 19:26
 Operator : HP/JU
 Sample : K4230-08
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 2S-D1-D4-(1)-COMP

Quant Time: Aug 13 23:19:50 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

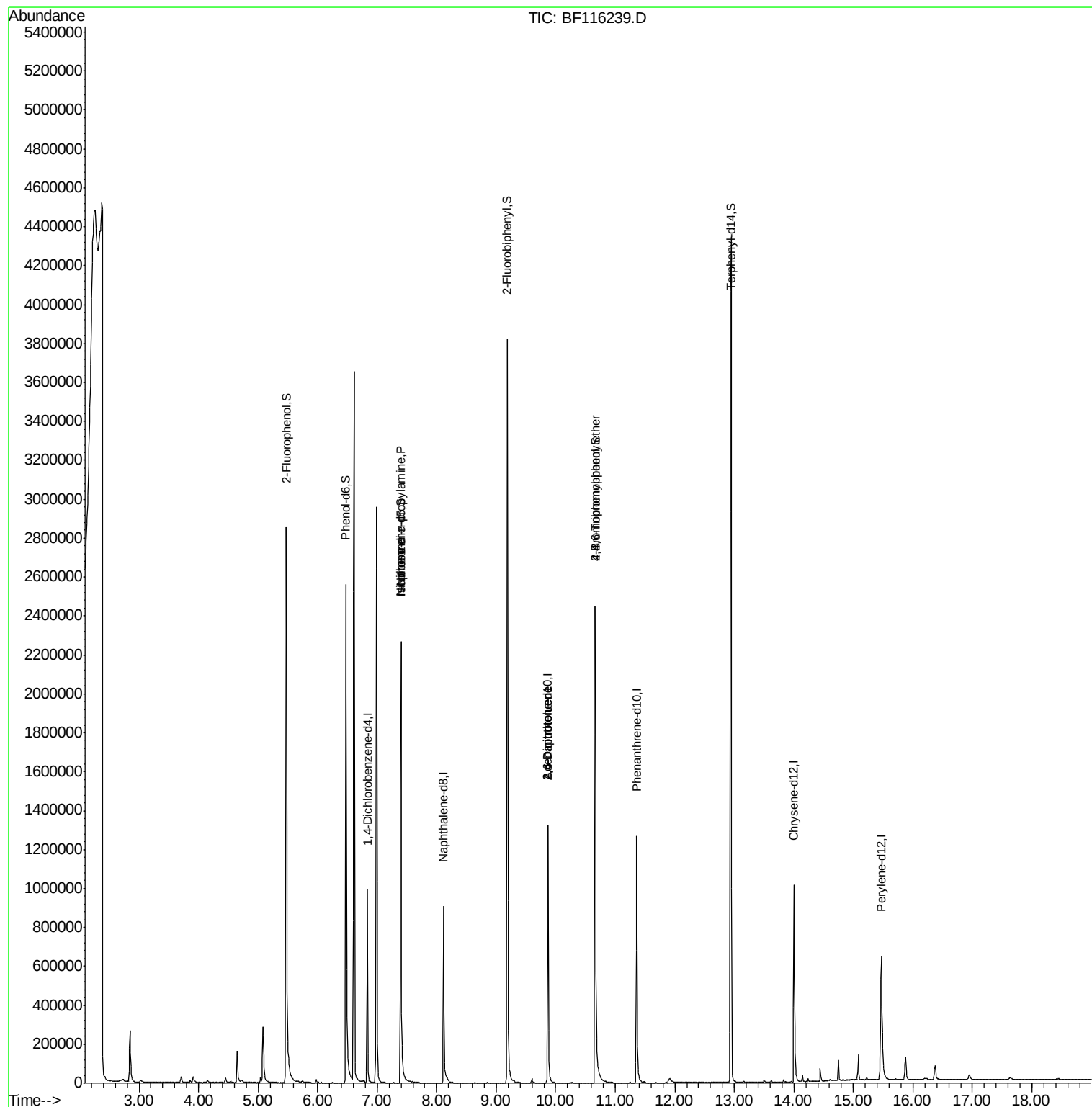
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	141822	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	555779	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	298713	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	563689	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	464744	20.00	ng	0.00
87) Perylene-d12	15.47	264	420271	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	973186	114.87	ng	0.00
7) Phenol-d6	6.47	99	1153925	107.96	ng	-0.01
23) Nitrobenzene-d5	7.40	82	905387	94.03	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	403924	139.47	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	1451733	91.03	ng	-0.01
79) Terphenyl-d14	12.95	244	1835258	83.21	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.40	70	118928	17.956	ng	# 80
25) Isophorone	7.40	82	905801	49.199	ng	# 65
51) 2,6-Dinitrotoluene	9.87	165	38430	8.695	ng	# 29
57) 2,4-Dinitrotoluene	9.87	165	38431	6.530	ng	# 20
67) 4-Bromophenyl-phenylether	10.66	248	24491	4.059	ng	# 1

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

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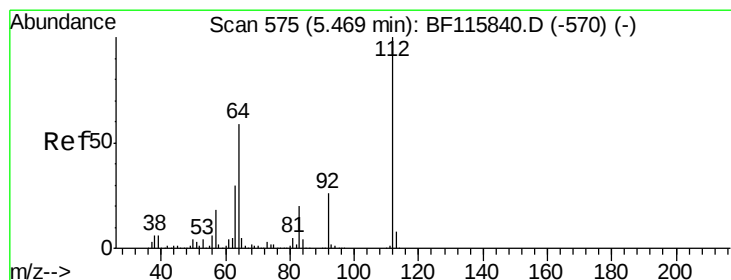
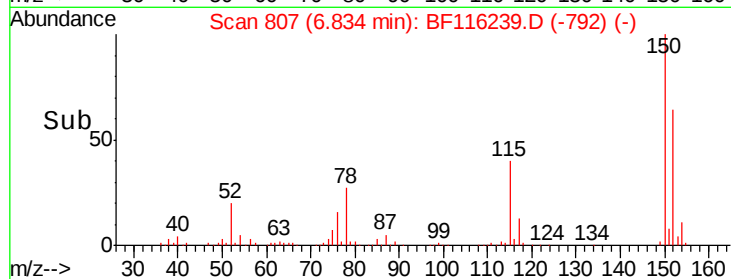
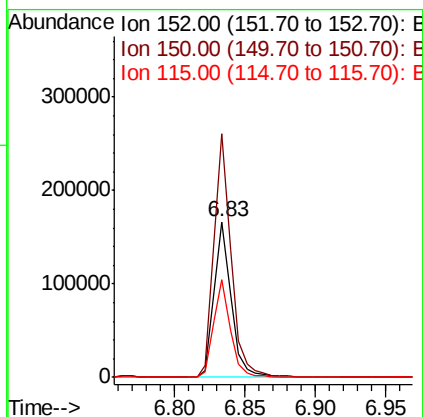
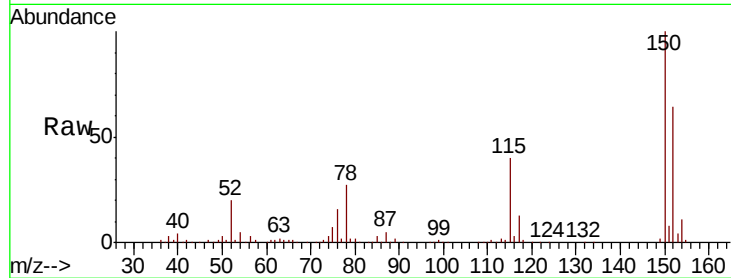




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.83 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: BF116239.D
 Acq: 13 Aug 2019 19:26

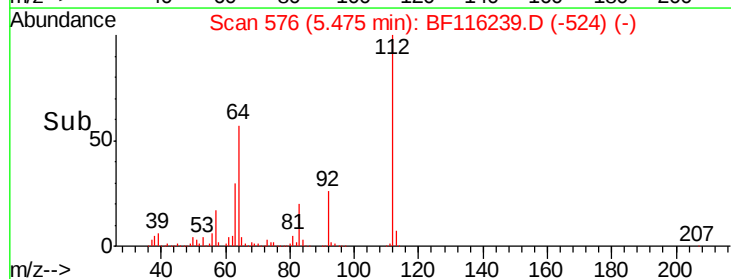
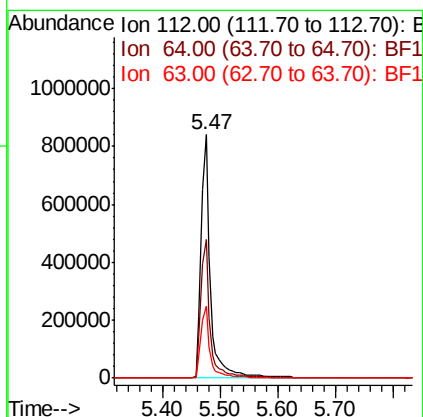
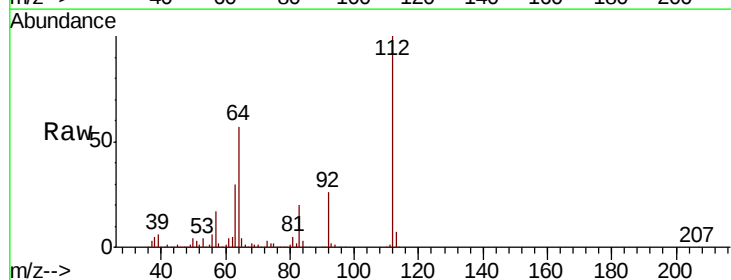
Instrument :
 BNA_F
 ClientSampleId :
 2S-D1-D4-(1)-COMP

Tgt Ion:152 Resp: 141822
 Ion Ratio Lower Upper
 152 100
 150 156.6 126.2 189.2
 115 62.6 49.9 74.9



#5
 2-Fluorophenol
 Concen: 114.875 ng
 RT: 5.47 min Scan# 576
 Delta R.T. 0.01 min
 Lab File: BF116239.D
 Acq: 13 Aug 2019 19:26

Tgt Ion:112 Resp: 973186
 Ion Ratio Lower Upper
 112 100
 64 56.9 45.4 68.2
 63 29.6 23.7 35.5





#7

Phenol-d6

Concen: 107.959 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF116239.D

Acq: 13 Aug 2019 19:26

Instrument :

BNA_F

ClientSampleId :

2S-D1-D4-(1)-COMP

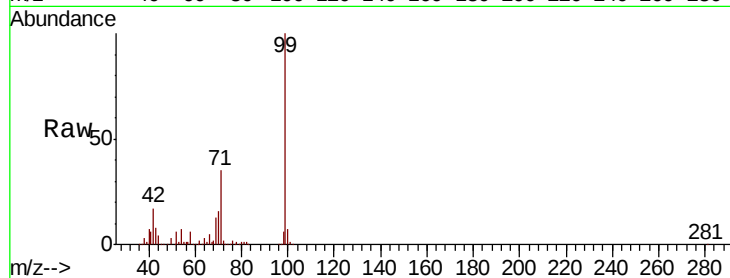
Tgt Ion: 99 Resp: 1153925

Ion Ratio Lower Upper

99 100

42 17.3 13.8 20.8

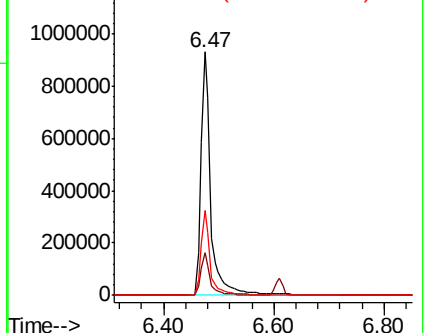
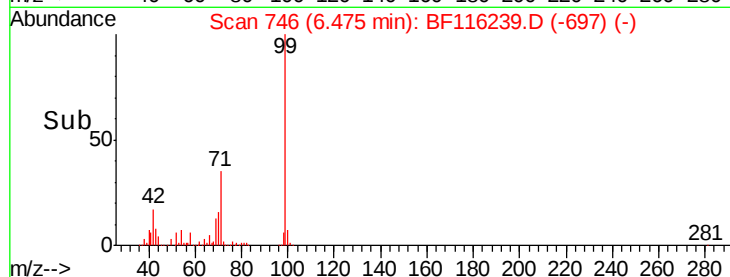
71 34.7 27.3 40.9



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



#19

n-Nitroso-di-n-propylamine

Concen: 17.956 ng

RT: 7.40 min Scan# 903

Delta R.T. 0.13 min

Lab File: BF116239.D

Acq: 13 Aug 2019 19:26

Tgt Ion: 70 Resp: 118928

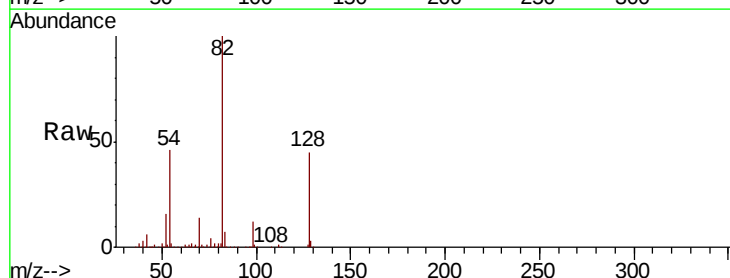
Ion Ratio Lower Upper

70 100

42 43.7 40.9 61.3

101 0.0 7.9 11.9#

130 2.2 16.9 25.3#

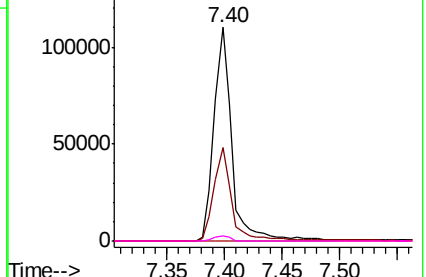
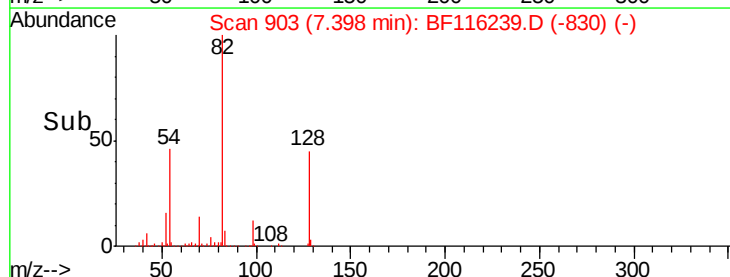


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

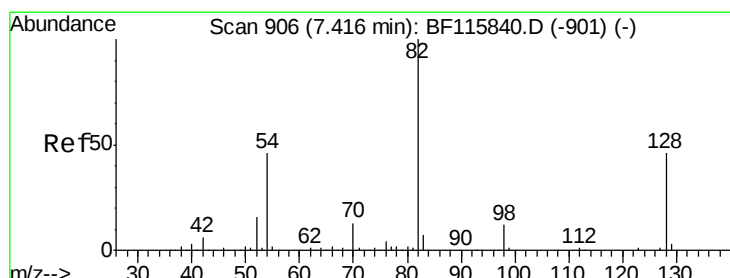
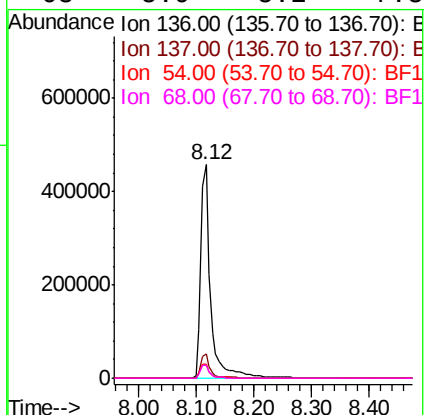
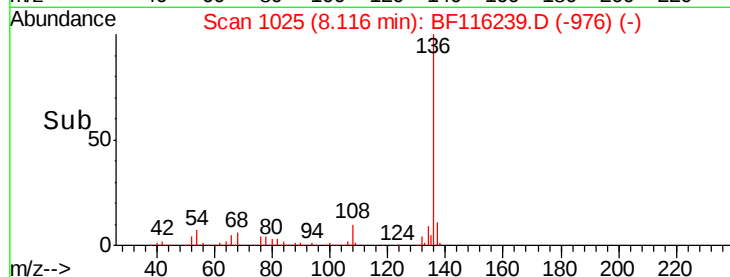
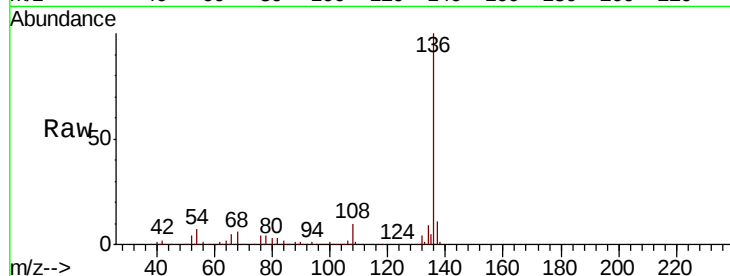




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF116239.D
Acq: 13 Aug 2019 19:26

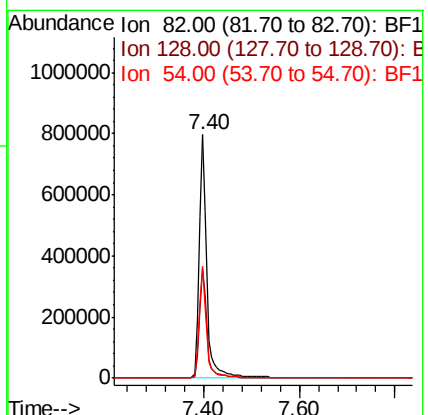
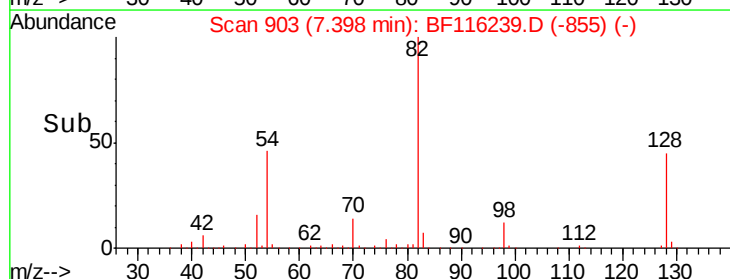
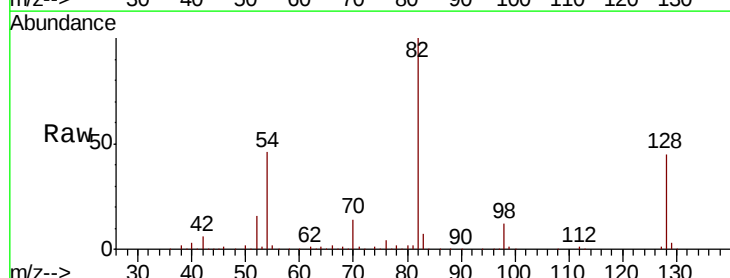
Instrument :
BNA_F
ClientSampleId :
2S-D1-D4-(1)-COMP

Tgt Ion:	136	Resp:	555779
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.4
54	6.7	5.8	8.6
68	5.9	5.2	7.8



#23
Nitrobenzene-d5
Concen: 94.033 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.02 min
Lab File: BF116239.D
Acq: 13 Aug 2019 19:26

Tgt Ion:	82	Resp:	905387
Ion	Ratio	Lower	Upper
82	100		
128	44.8	36.5	54.7
54	45.8	36.0	54.0

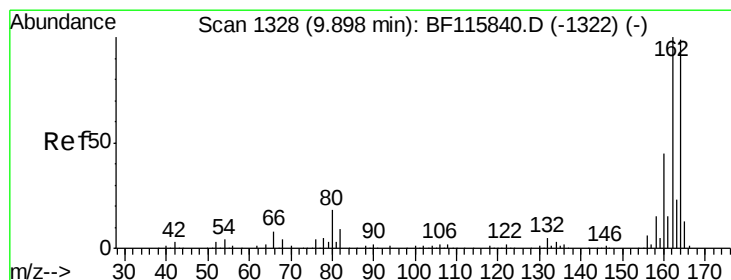
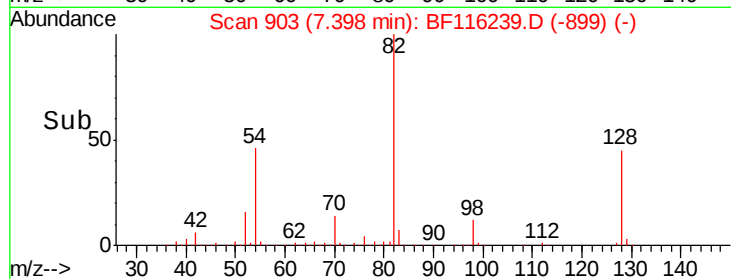
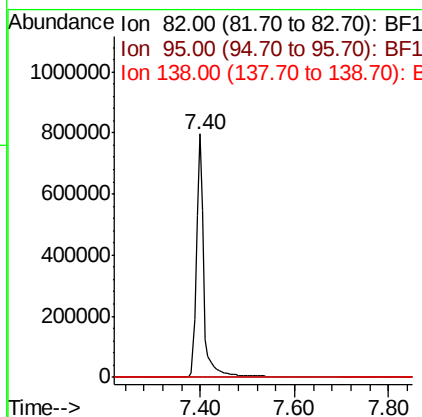
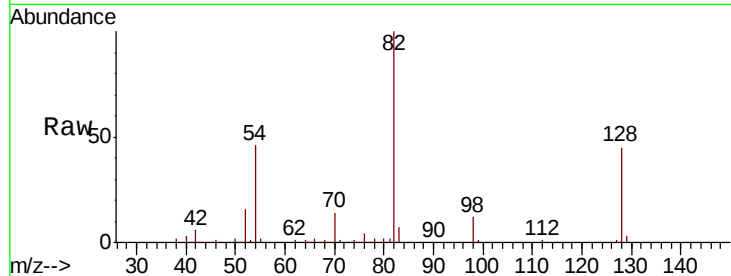




#25
Isophorone
Concen: 49.199 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.28 min
Lab File: BF116239.D
Acq: 13 Aug 2019 19:26

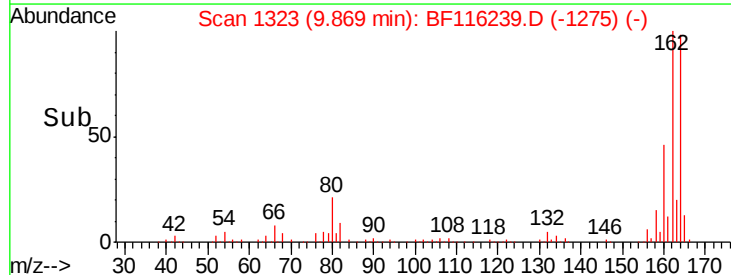
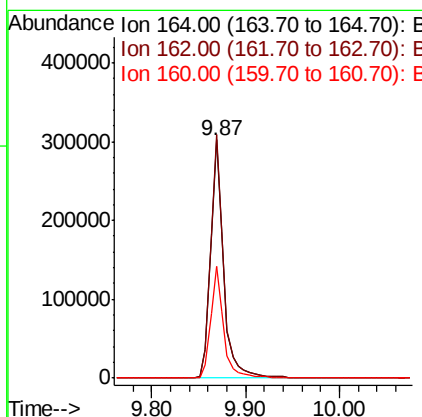
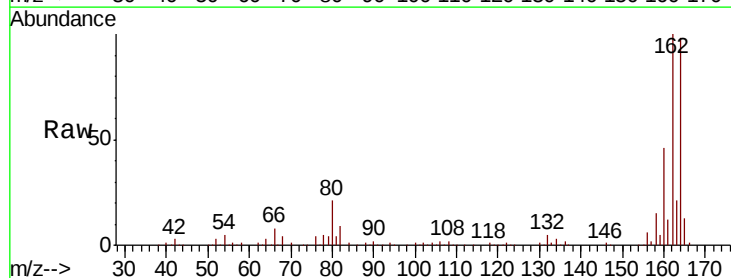
Instrument :
BNA_F
ClientSampleId :
2S-D1-D4-(1)-COMP

Tgt Ion: 82 Resp: 905801
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: BF116239.D
Acq: 13 Aug 2019 19:26

Tgt Ion: 164 Resp: 298713
Ion Ratio Lower Upper
164 100
162 102.3 82.6 124.0
160 46.7 37.6 56.4

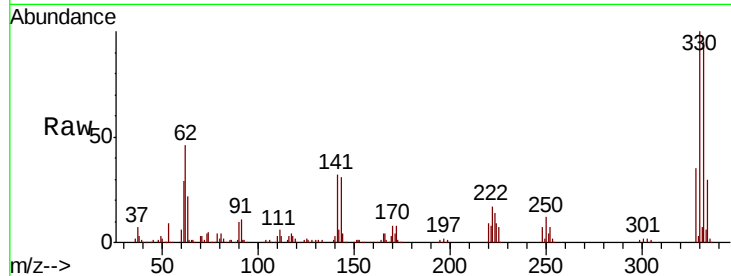




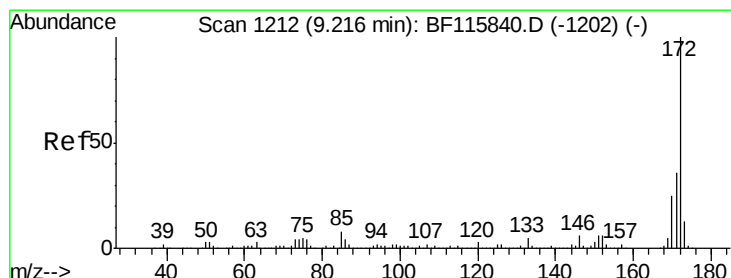
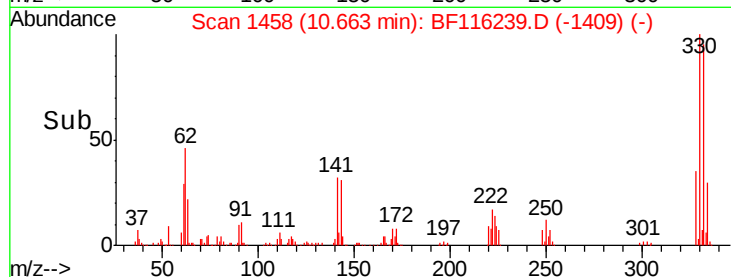
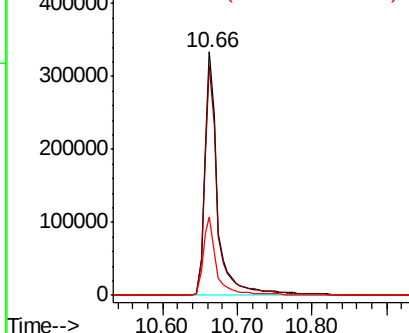
#42
 2,4,6-Tribromophenol
 Concen: 139.471 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.01 min
 Lab File: BF116239.D
 Acq: 13 Aug 2019 19:26

Instrument :
 BNA_F
 ClientSampleId :
 2S-D1-D4-(1)-COMP

Tgt Ion: 330 Resp: 403924
 Ion Ratio Lower Upper
 330 100
 332 96.4 76.8 115.2
 141 33.7 26.3 39.5

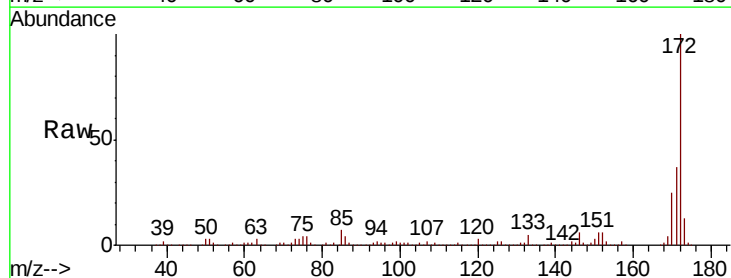


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

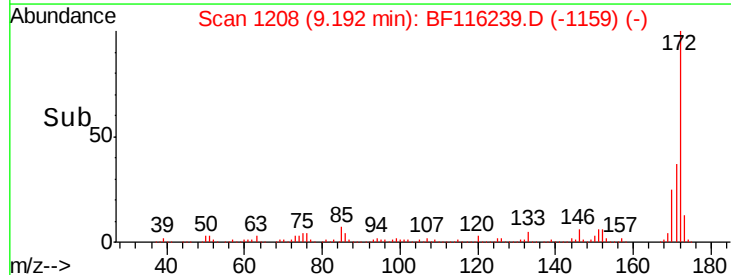
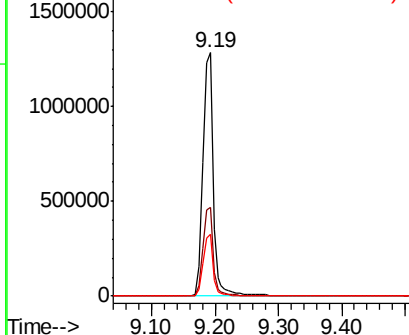


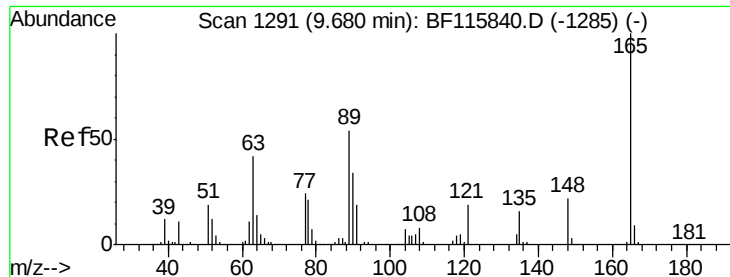
#45
 2-Fluorobiphenyl
 Concen: 91.031 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: BF116239.D
 Acq: 13 Aug 2019 19:26

Tgt Ion: 172 Resp: 1451733
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.6 44.4
 170 25.2 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

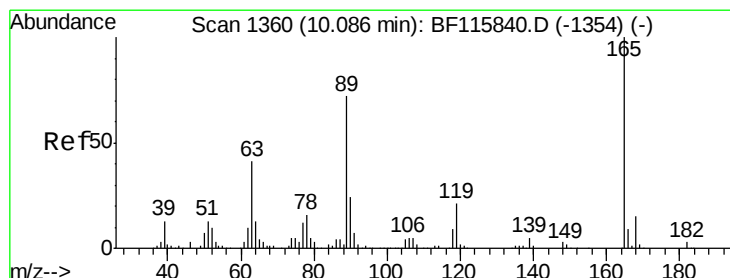
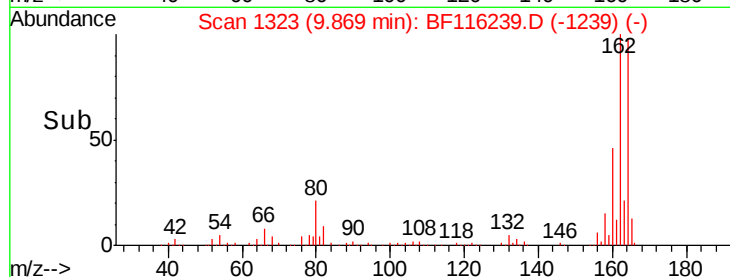
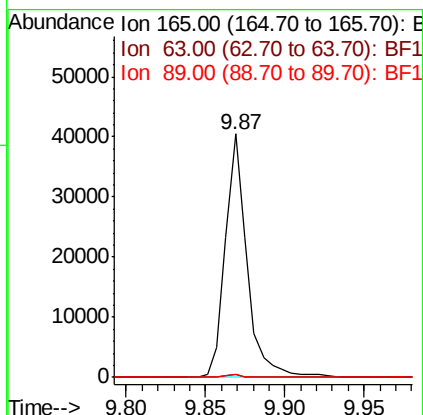
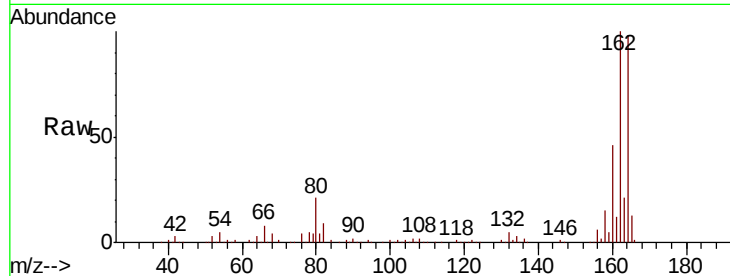




#51
 2,6-Dinitrotoluene
 Concen: 8.695 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. 0.19 min
 Lab File: BF116239.D
 Acq: 13 Aug 2019 19:26

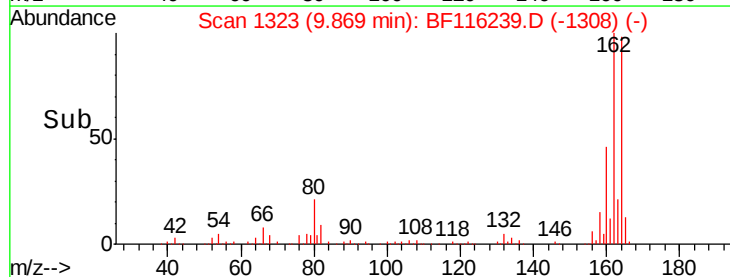
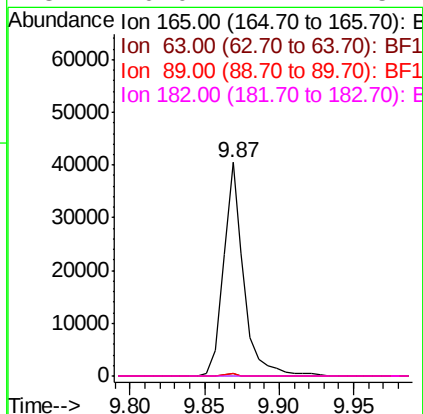
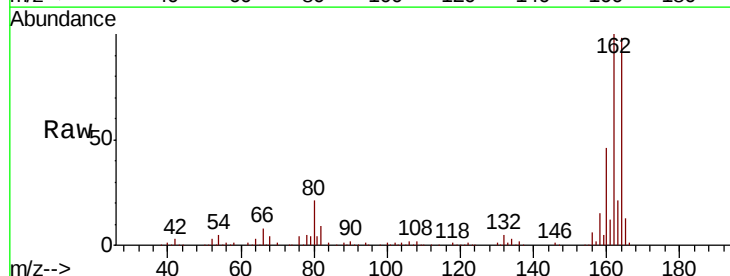
Instrument :
 BNA_F
 ClientSampleId :
 2S-D1-D4-(1)-COMP

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	38.2	57.2#
89	1.3	42.9	64.3#



#57
 2,4-Dinitrotoluene
 Concen: 6.530 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.21 min
 Lab File: BF116239.D
 Acq: 13 Aug 2019 19:26

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	39.6	59.4#
89	1.3	62.2	93.2#
182	0.0	2.1	3.1#

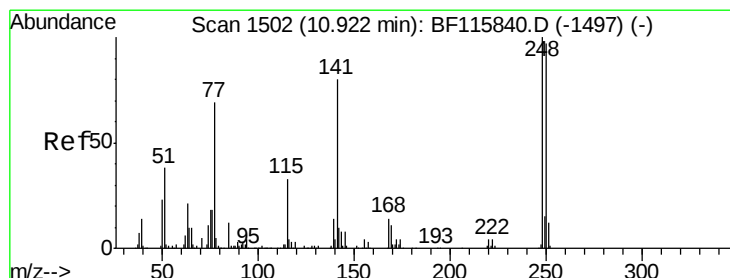
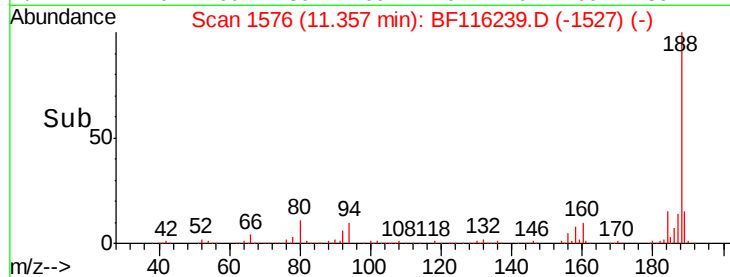
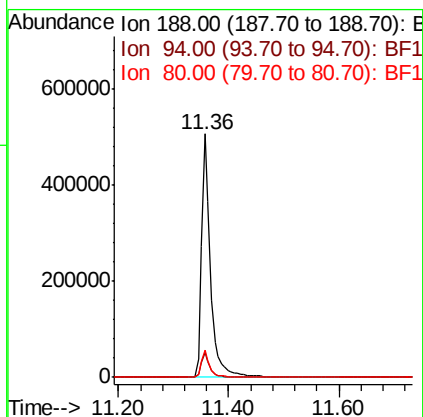
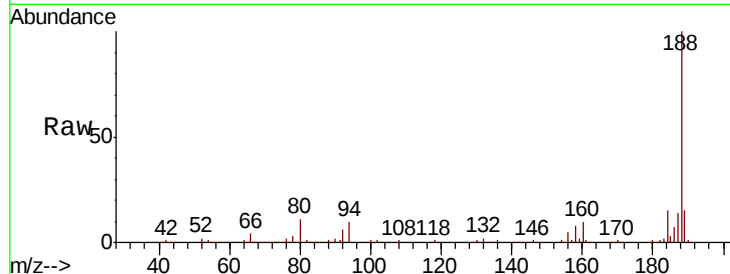




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.36 min Scan# 1576
 Delta R.T. -0.01 min
 Lab File: BF116239.D
 Acq: 13 Aug 2019 19:26

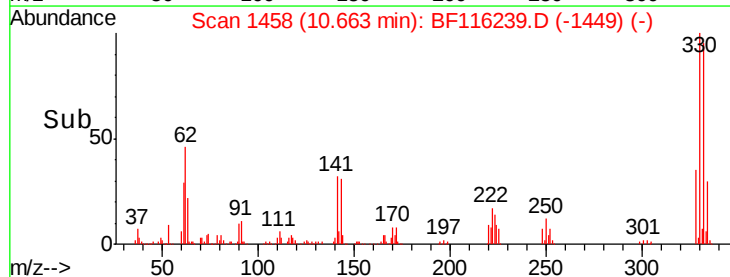
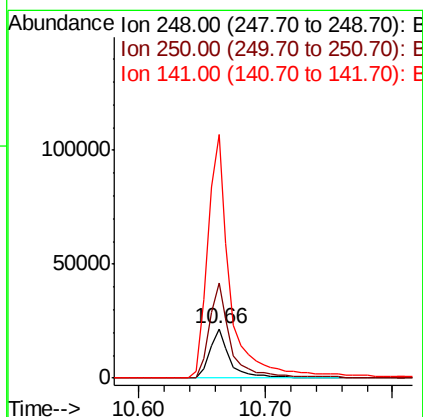
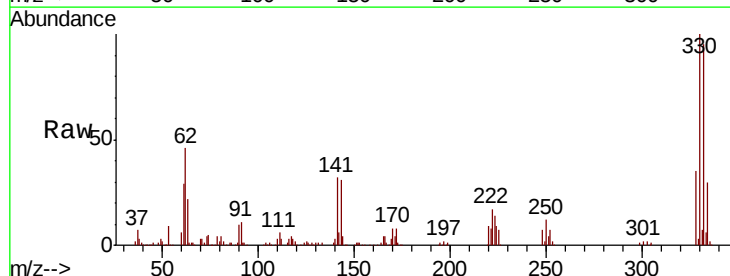
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 2S-D1-D4-(1)-COMP

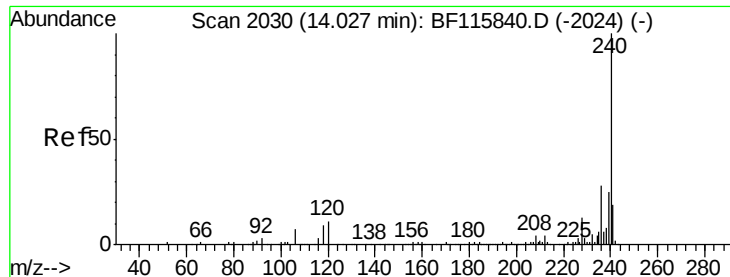
Tgt Ion:188 Resp: 563689
 Ion Ratio Lower Upper
 188 100
 94 10.3 8.1 12.1
 80 11.0 8.7 13.1



#67
 4-Bromophenyl-phenylether
 Concen: 4.059 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.25 min
 Lab File: BF116239.D
 Acq: 13 Aug 2019 19:26

Tgt Ion:248 Resp: 24491
 Ion Ratio Lower Upper
 248 100
 250 191.5 77.4 116.2#
 141 492.4 56.8 85.2#

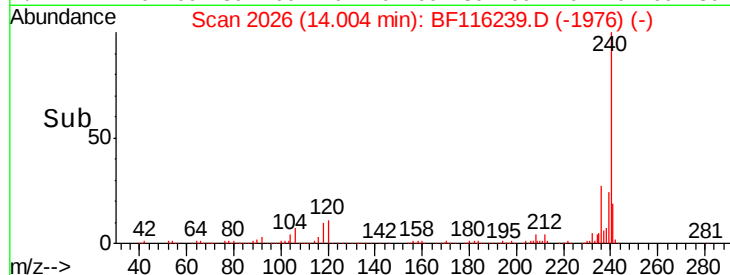
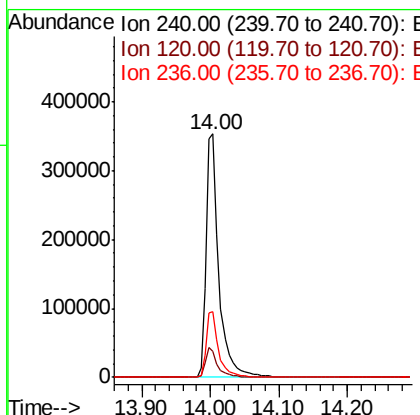
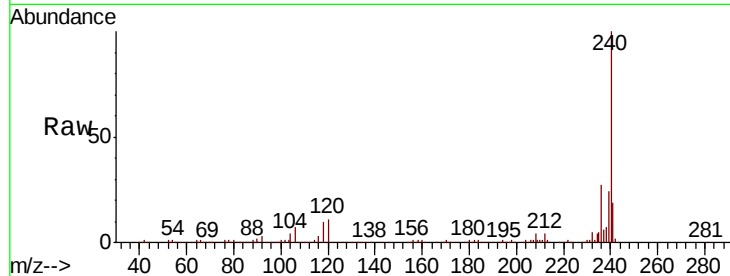




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.01 min
 Lab File: BF116239.D
 Acq: 13 Aug 2019 19:26

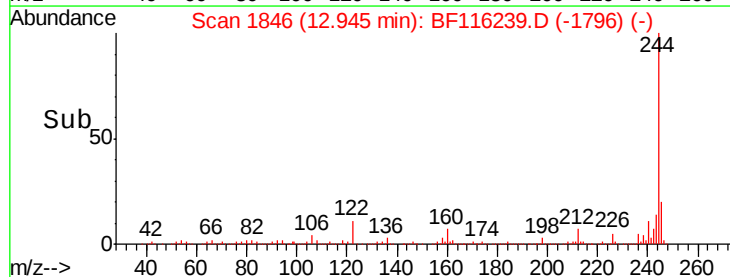
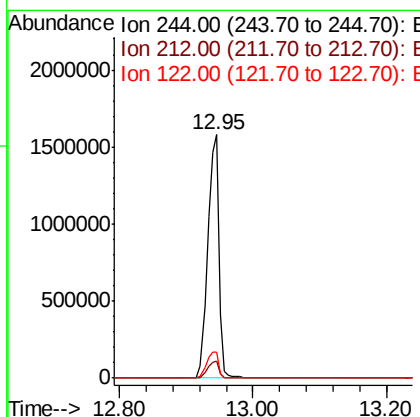
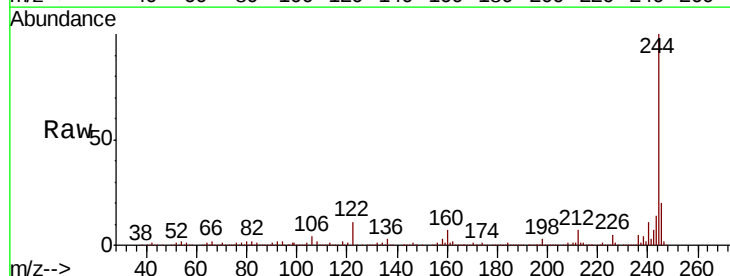
Instrument :
 BNA_F
 ClientSampleId :
 2S-D1-D4-(1)-COMP

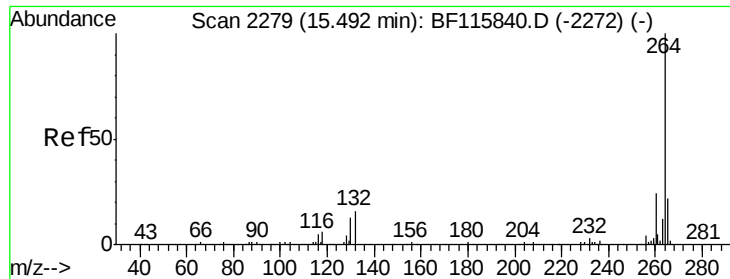
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 Ion Ratio Lower Upper
 240 100
 120 10.8 10.7 16.1
 236 27.0 22.2 33.2



#79
 Terphenyl-d14
 Concen: 83.211 ng
 RT: 12.95 min Scan# 1846
 Delta R.T. -0.01 min
 Lab File: BF116239.D
 Acq: 13 Aug 2019 19:26

Tgt Ion:244 Resp: 1835258
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.8
 122 10.6 9.0 13.4





#87

Perylene-d12

Concen: 20.000 ng

RT: 15.47 min Scan# 2275

Delta R.T. -0.01 min

Lab File: BF116239.D

Acq: 13 Aug 2019 19:26

Instrument :

BNA_F

ClientSampleId :

2S-D1-D4-(1)-COMP

Tgt Ion:264 Resp: 420271

Ion Ratio Lower Upper

264 100

260 23.9 19.7 29.5

265 21.8 17.4 26.0

