

Data File : BF116323.D
Acq On : 16 Aug 2019 15:35
Operator : HP/JU
Sample : K4356-07RE
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-4

Quant Time: Aug 17 03:08:26 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

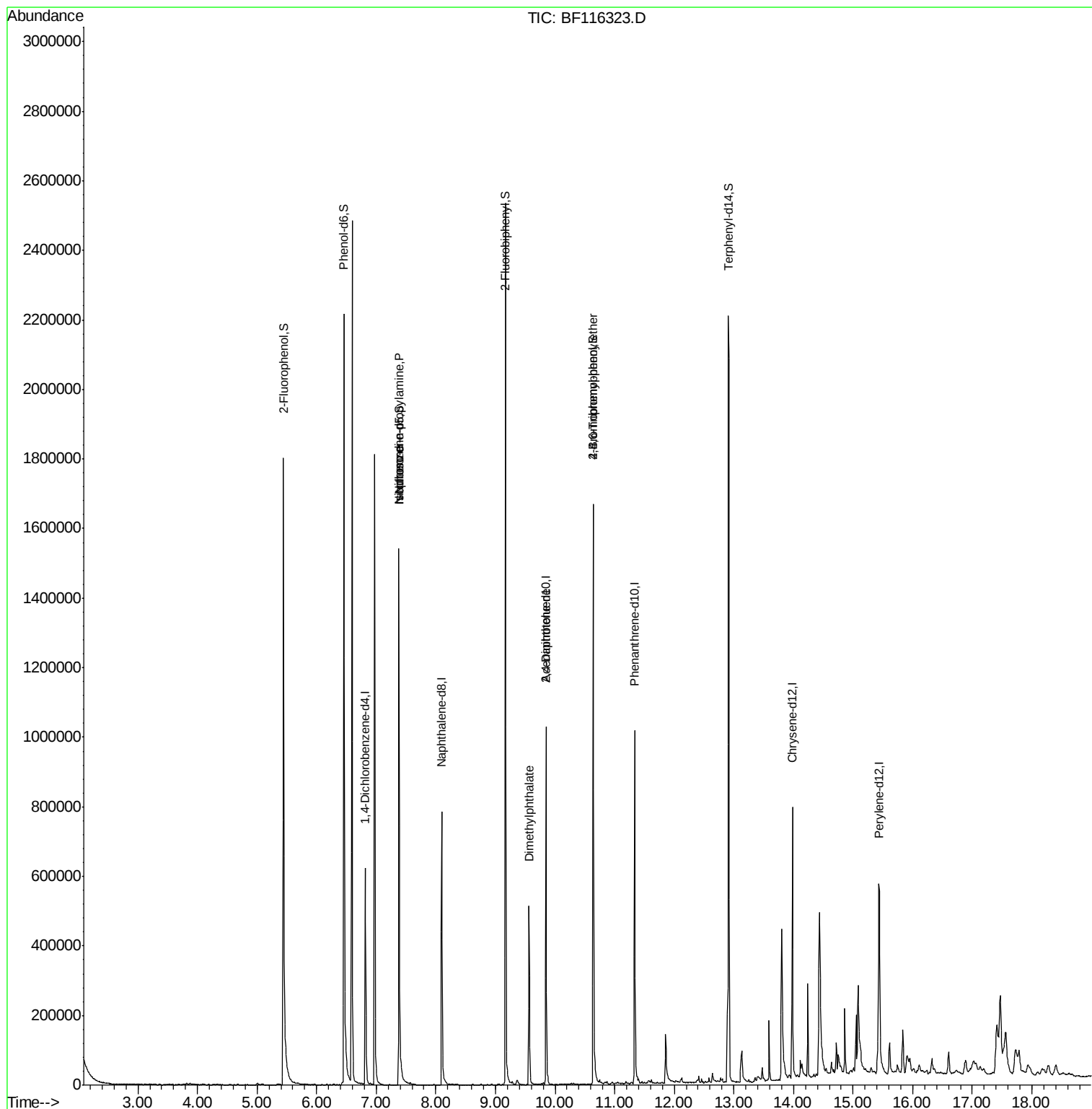
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	98859	20.00	ng	-0.03
21) Naphthalene-d8	8.10	136	386858	20.00	ng	-0.03
39) Acenaphthene-d10	9.85	164	211869	20.00	ng	-0.04
64) Phenanthrene-d10	11.33	188	393383	20.00	ng	-0.04
76) Chrysene-d12	13.98	240	294018	20.00	ng	-0.03
87) Perylene-d12	15.43	264	299564	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	678053	114.82	ng	-0.03
7) Phenol-d6	6.46	99	856161	114.91	ng	-0.03
23) Nitrobenzene-d5	7.38	82	552188	82.39	ng	-0.04
42) 2,4,6-Tribromophenol	10.64	330	220009	107.11	ng	-0.04
45) 2-Fluorobiphenyl	9.17	172	767134	67.82	ng	-0.04
79) Terphenyl-d14	12.92	244	785237	56.28	ng	-0.04
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.38	70	71124	15.405	ng	# 79
25) Isophorone	7.38	82	553602	43.199	ng	# 65
50) Dimethylphthalate	9.56	163	211143	14.636	ng	# 98
57) 2,4-Dinitrotoluene	9.85	165	26766	6.413	ng	# 21
67) 4-Bromophenyl-phenylether	10.64	248	13595	3.228	ng	# 1

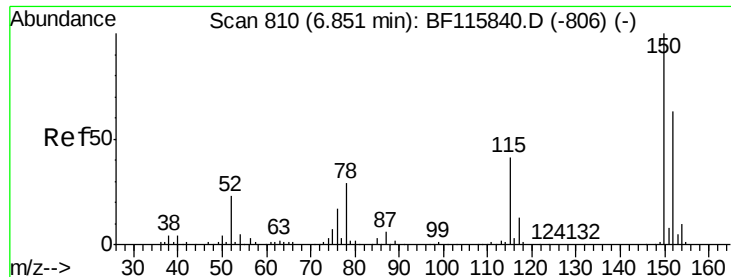
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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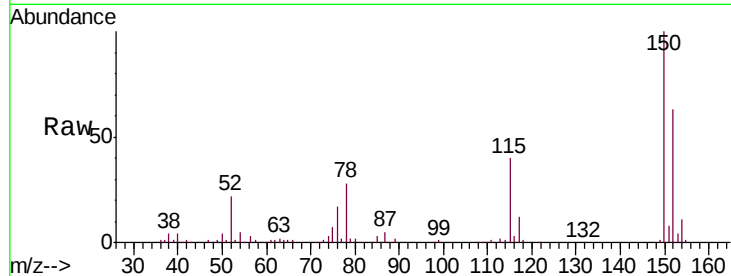


#1

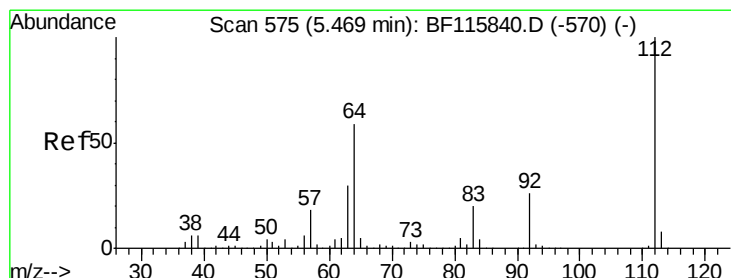
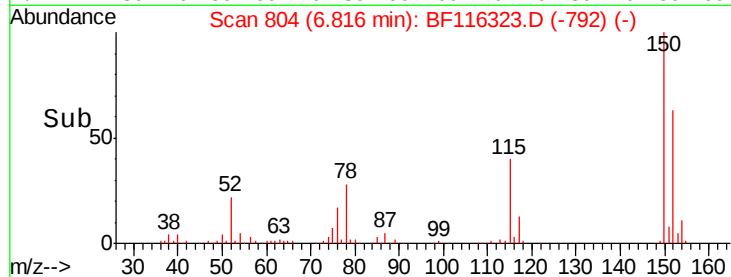
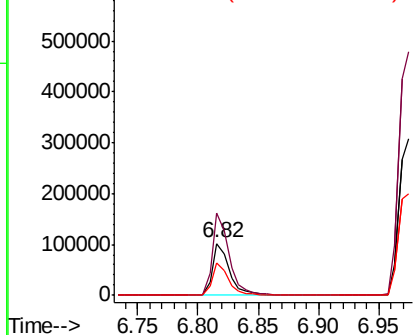
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.03 min
Lab File: BF116323.D
Acq: 16 Aug 2019 15:35

Instrument :
BNA_F
ClientSampleId :
TP-4

Tgt Ion:152 Resp: 98859
Ion Ratio Lower Upper
152 100
150 158.0 126.2 189.2
115 62.5 49.9 74.9



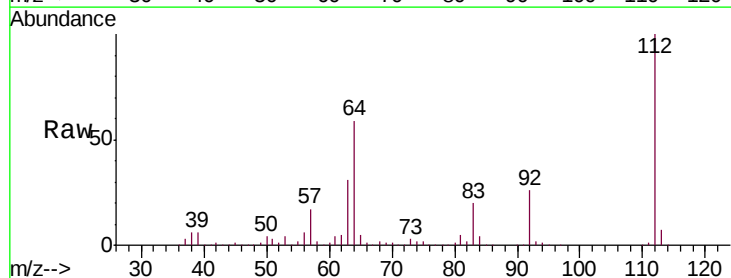
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



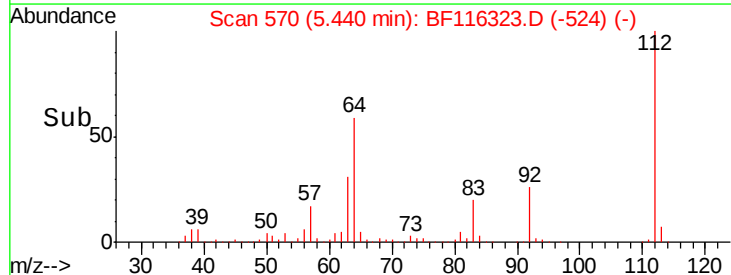
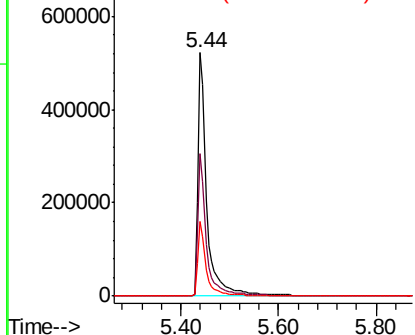
#5

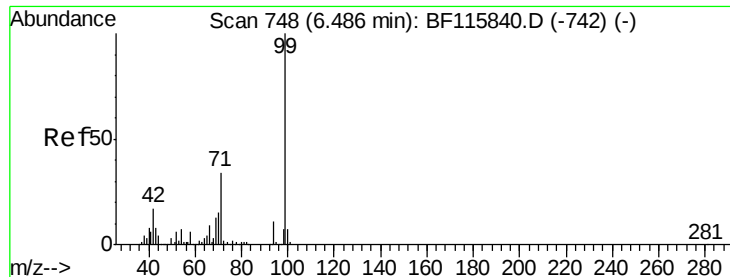
2-Fluorophenol
Concen: 114.820 ng
RT: 5.44 min Scan# 570
Delta R.T. -0.03 min
Lab File: BF116323.D
Acq: 16 Aug 2019 15:35

Tgt Ion:112 Resp: 678053
Ion Ratio Lower Upper
112 100
64 58.8 45.4 68.2
63 30.6 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: 114.911 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.03 min

Lab File: BF116323.D

Acq: 16 Aug 2019 15:35

Instrument :

BNA_F

ClientSampleId :

TP-4

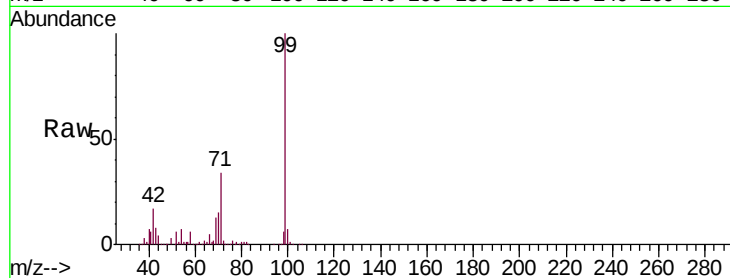
Tgt Ion: 99 Resp: 856161

Ion Ratio Lower Upper

99 100

42 16.8 13.8 20.8

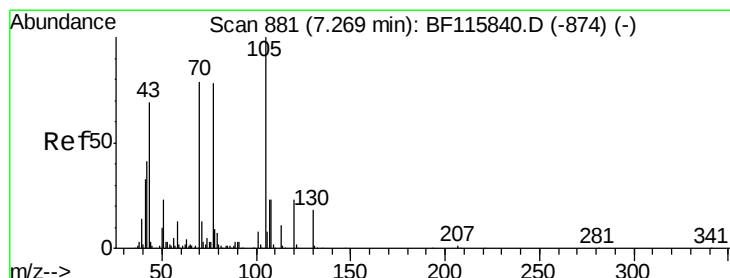
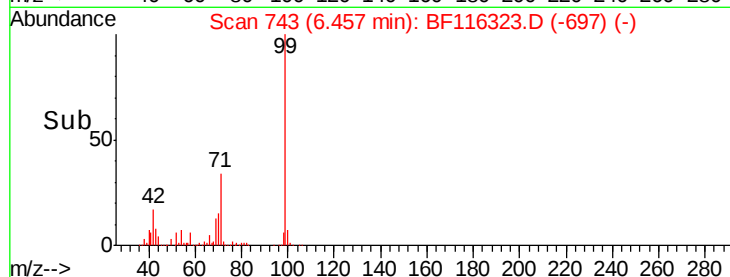
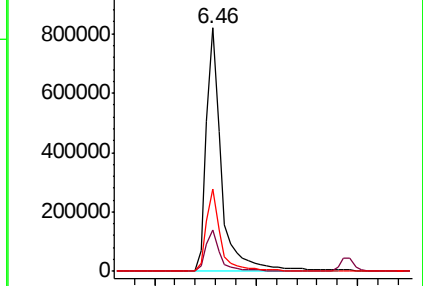
71 33.8 27.3 40.9



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: 15.405 ng

RT: 7.38 min Scan# 900

Delta R.T. 0.11 min

Lab File: BF116323.D

Acq: 16 Aug 2019 15:35

Tgt Ion: 70 Resp: 71124

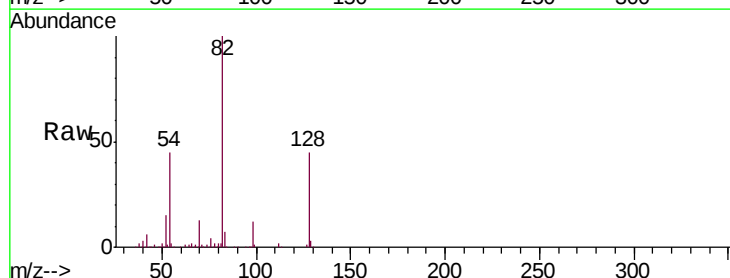
Ion Ratio Lower Upper

70 100

42 42.7 40.9 61.3

101 0.0 7.9 11.9#

130 2.5 16.9 25.3#

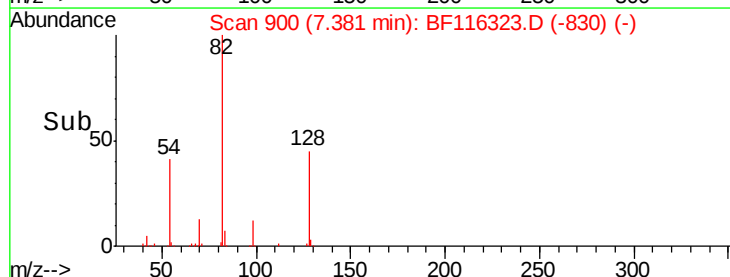
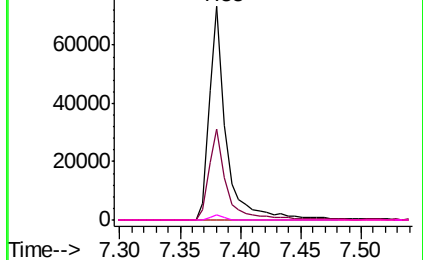


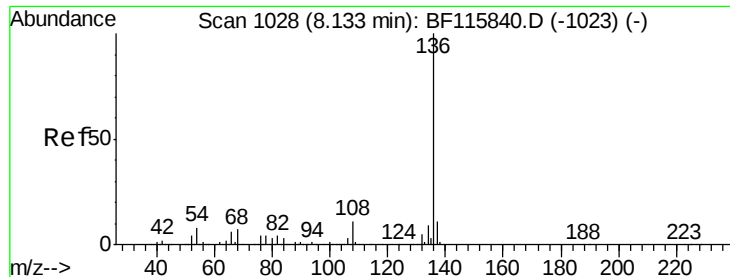
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

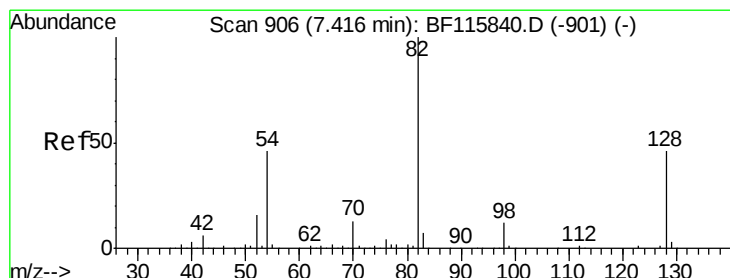
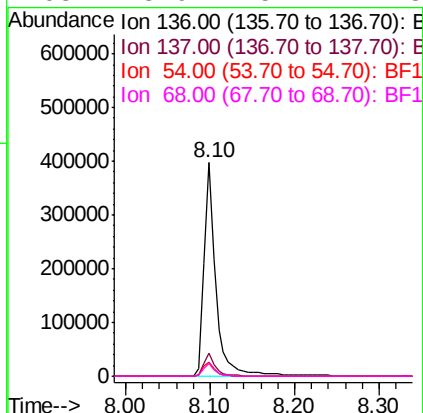
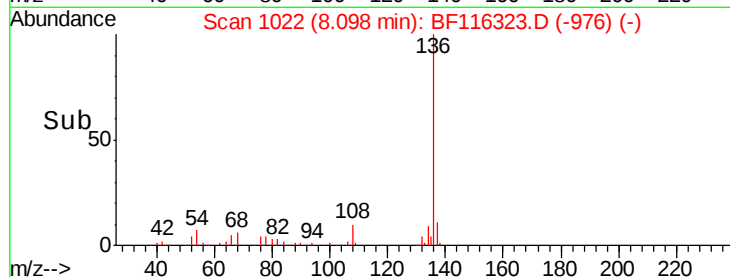
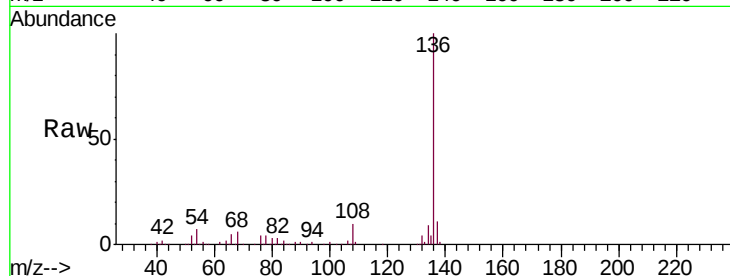




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.03 min
Lab File: BF116323.D
Acq: 16 Aug 2019 15:35

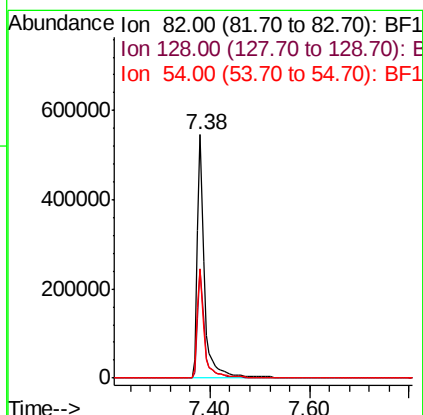
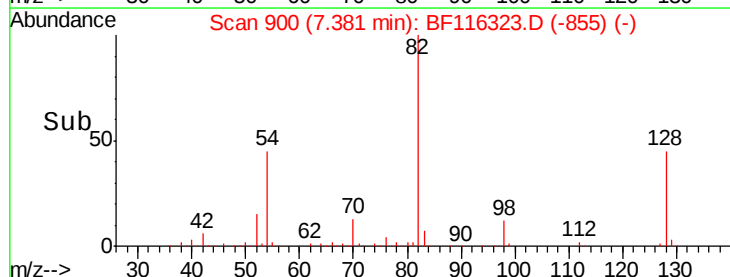
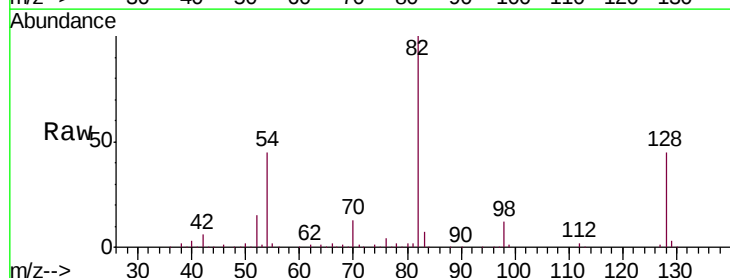
Instrument :
BNA_F
ClientSampleId :
TP-4

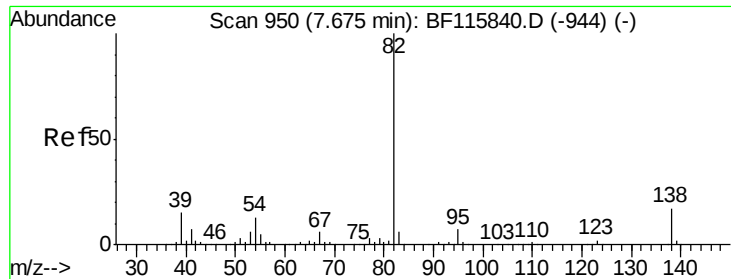
Tgt Ion:	136	Resp:	386858
Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.0	13.4
54	6.8	5.8	8.6
68	5.9	5.2	7.8



#23
Nitrobenzene-d5
Concen: 82.392 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.04 min
Lab File: BF116323.D
Acq: 16 Aug 2019 15:35

Tgt Ion:	82	Resp:	552188
Ion	Ratio	Lower	Upper
82	100		
128	45.1	36.5	54.7
54	44.8	36.0	54.0





#25

Isophorone

Concen: 43.199 ng

RT: 7.38 min Scan# 900

Delta R.T. -0.29 min

Lab File: BF116323.D

Acq: 16 Aug 2019 15:35

Instrument :

BNA_F

ClientSampleId :

TP-4

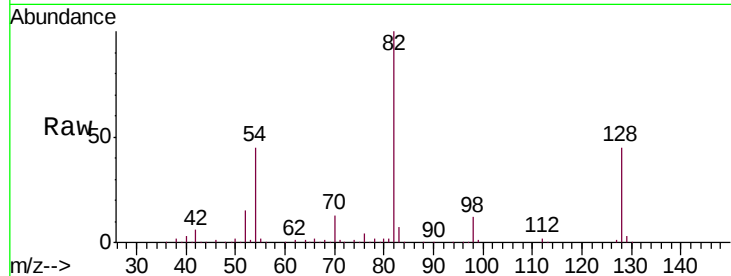
Tgt Ion: 82 Resp: 553602

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.0#

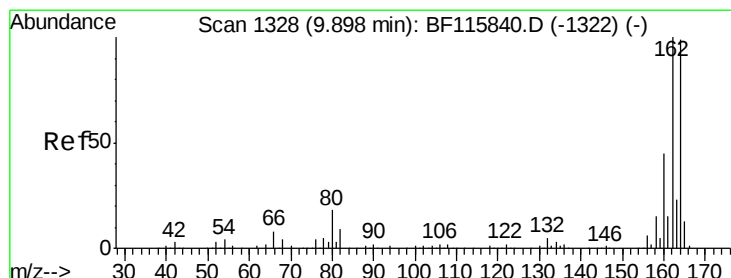
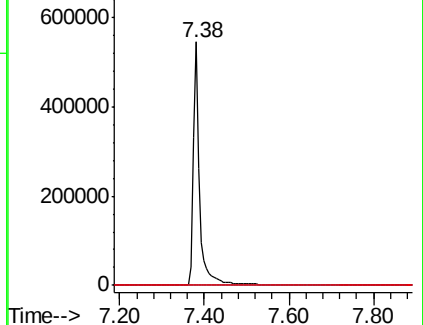
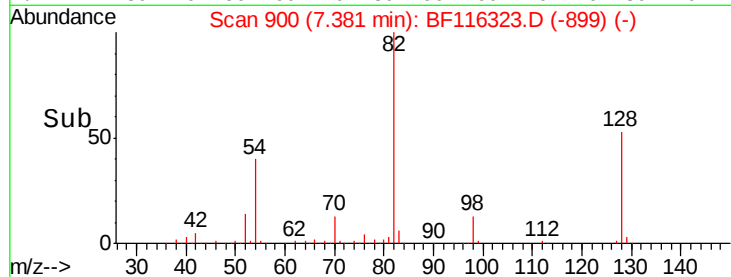
138 0.0 14.5 21.7#



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: 9.85 min Scan# 1319

Delta R.T. -0.04 min

Lab File: BF116323.D

Acq: 16 Aug 2019 15:35

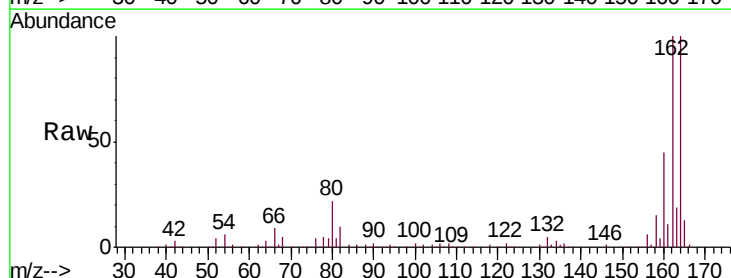
Tgt Ion: 164 Resp: 211869

Ion Ratio Lower Upper

164 100

162 100.2 82.6 124.0

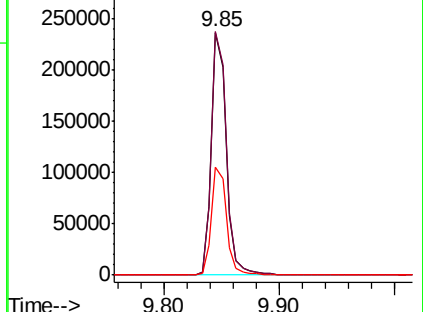
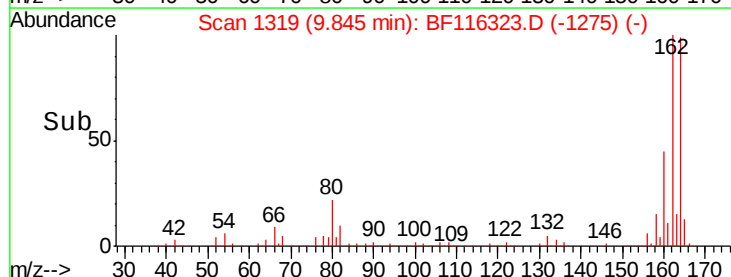
160 44.7 37.6 56.4

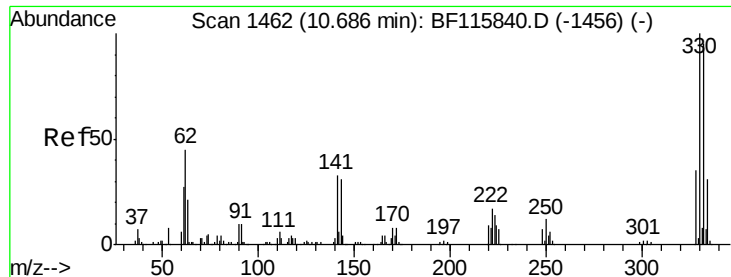


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

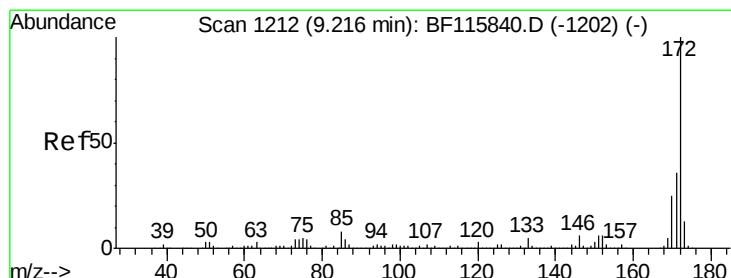
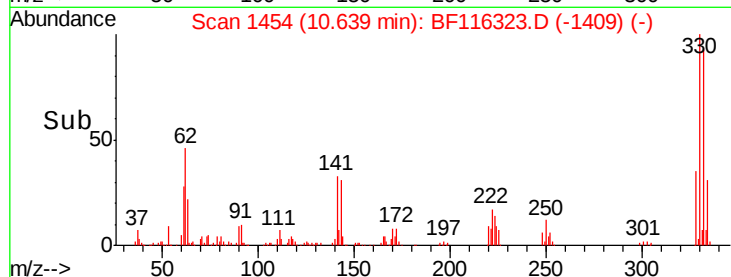
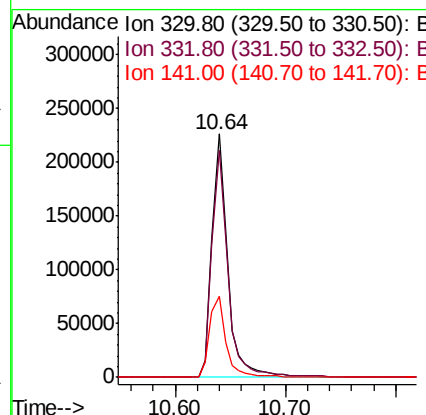
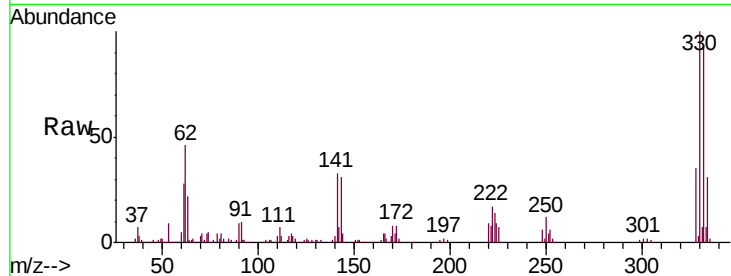




#42
 2,4,6-Tribromophenol
 Concen: 107.106 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.04 min
 Lab File: BF116323.D
 Acq: 16 Aug 2019 15:35

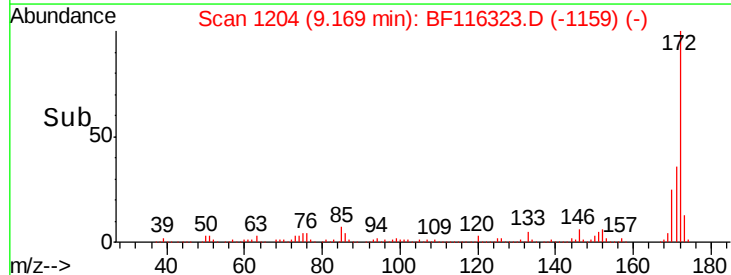
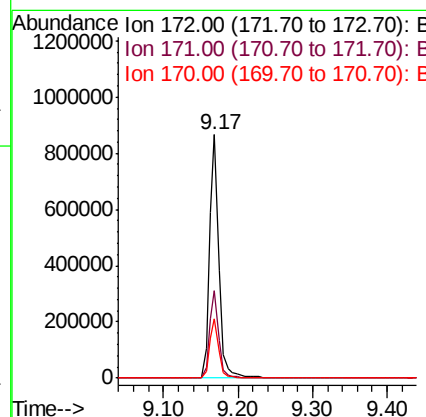
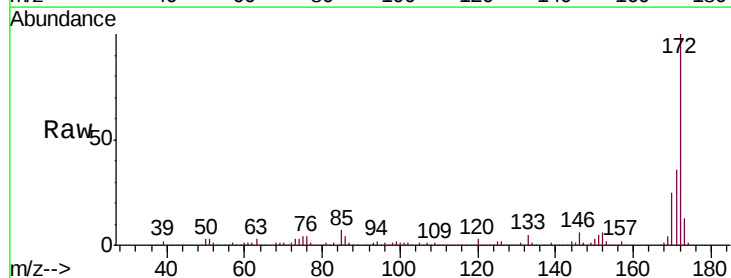
Instrument :
 BNA_F
 ClientSampleId :
 TP-4

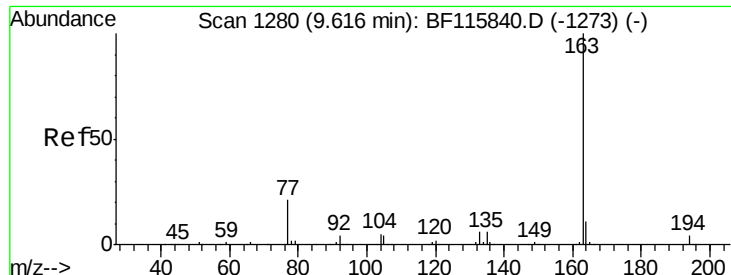
Tgt Ion: 330 Resp: 220009
 Ion Ratio Lower Upper
 330 100
 332 95.5 76.8 115.2
 141 35.0 26.3 39.5



#45
 2-Fluorobiphenyl
 Concen: 67.820 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.04 min
 Lab File: BF116323.D
 Acq: 16 Aug 2019 15:35

Tgt Ion: 172 Resp: 767134
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.6 44.4
 170 24.5 20.1 30.1

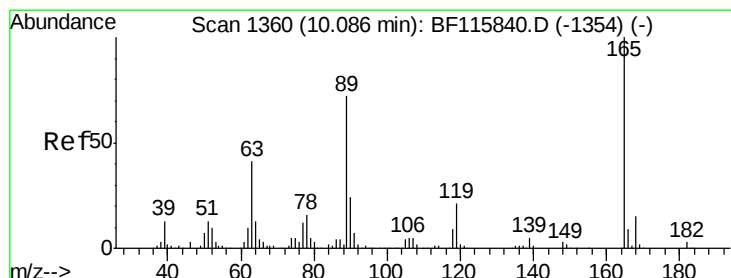
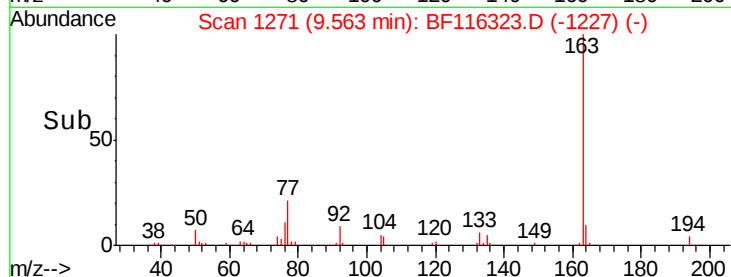
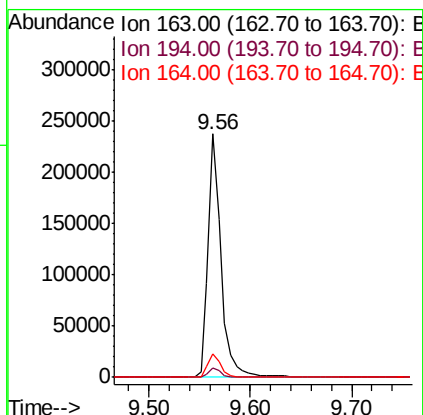
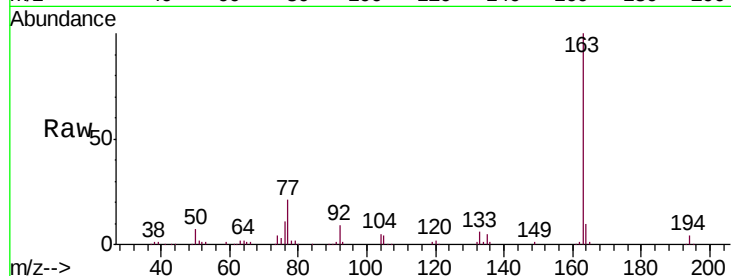




#50
Dimethylphthalate
Concen: 14.636 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.04 min
Lab File: BF116323.D
Acq: 16 Aug 2019 15:35

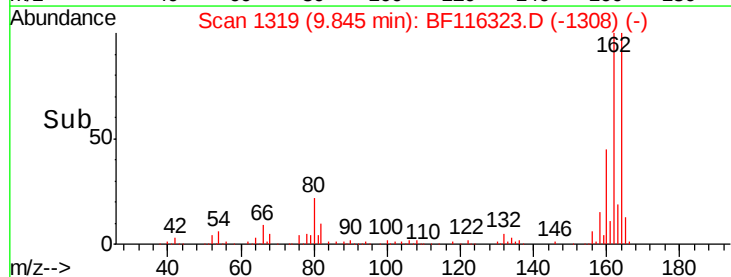
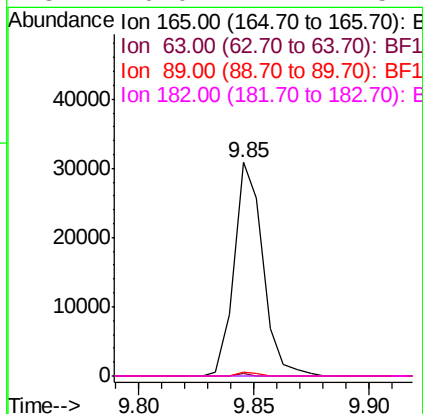
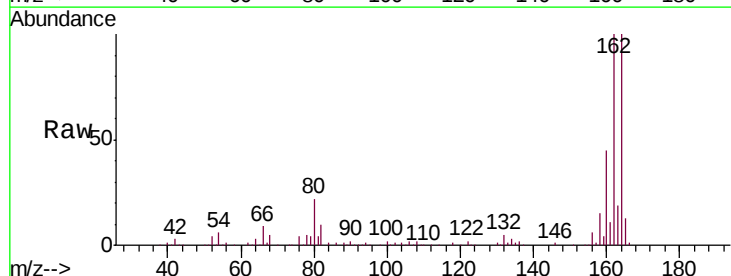
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BNA_F
ClientSampleId :
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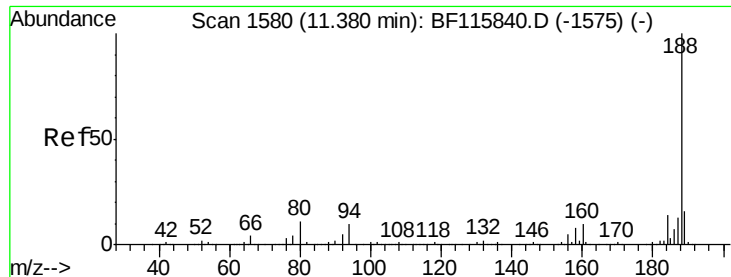
Tgt Ion:163 Resp: 211143
Ion Ratio Lower Upper
163 100
194 3.6 3.0 4.6
164 9.7 8.4 12.6



#57
2,4-Dinitrotoluene
Concen: 6.413 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.24 min
Lab File: BF116323.D
Acq: 16 Aug 2019 15:35

Tgt Ion:165 Resp: 26766
Ion Ratio Lower Upper
165 100
63 1.5 39.6 59.4#
89 1.7 62.2 93.2#
182 0.0 2.1 3.1#

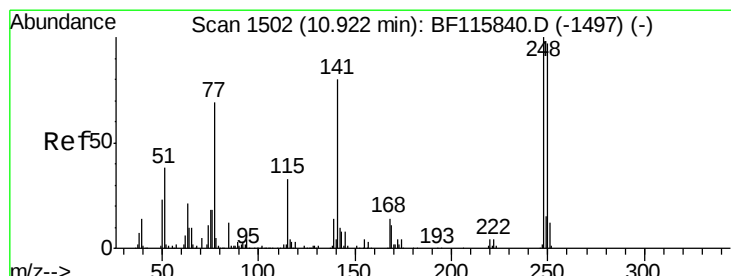
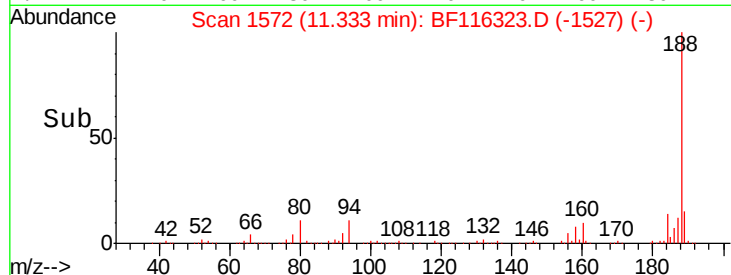
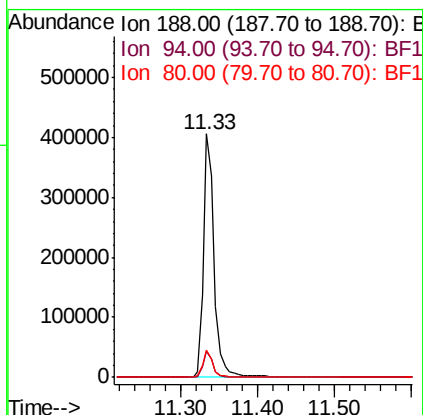
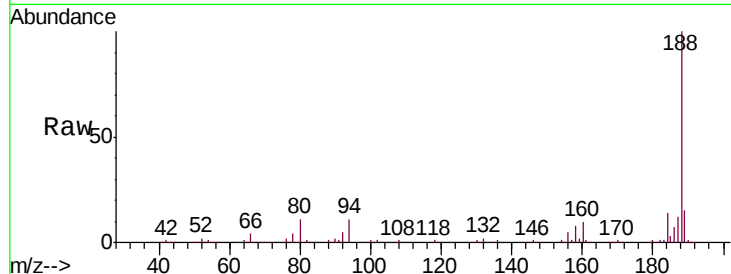




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1572
 Delta R.T. -0.04 min
 Lab File: BF116323.D
 Acq: 16 Aug 2019 15:35

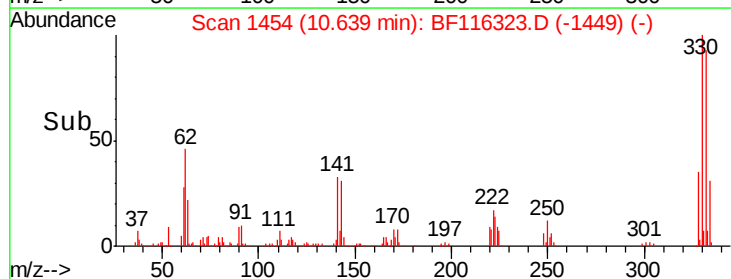
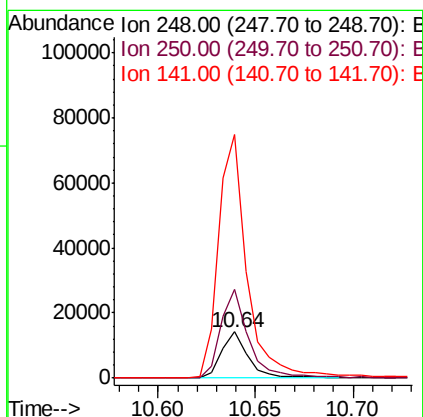
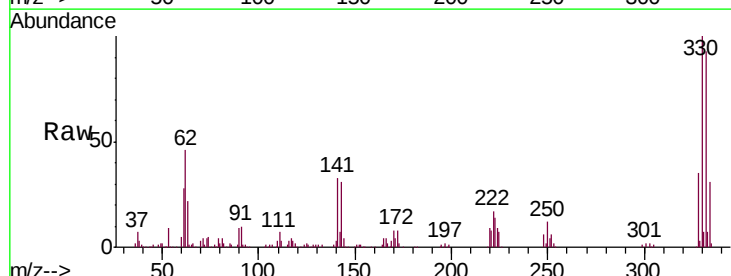
Instrument :
 BNA_F
 ClientSampled :
 TP-4

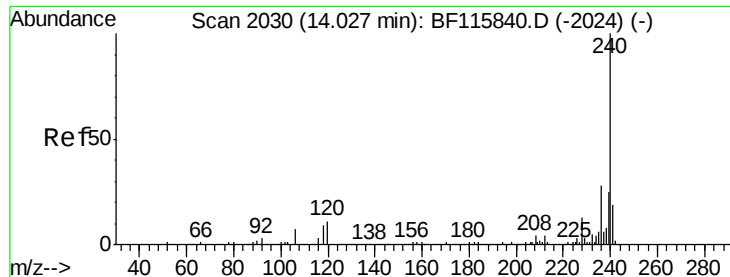
Tgt Ion:188 Resp: 393383
 Ion Ratio Lower Upper
 188 100
 94 10.6 8.1 12.1
 80 11.3 8.7 13.1



#67
 4-Bromophenyl-phenylether
 Concen: 3.228 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.27 min
 Lab File: BF116323.D
 Acq: 16 Aug 2019 15:35

Tgt Ion:248 Resp: 13595
 Ion Ratio Lower Upper
 248 100
 250 193.8 77.4 116.2#
 141 529.0 56.8 85.2#

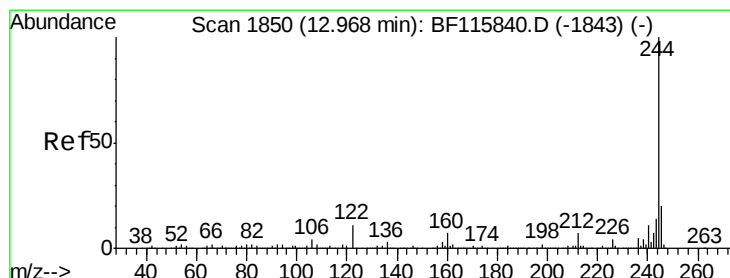
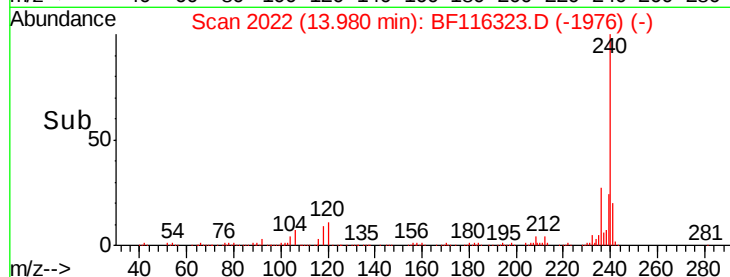
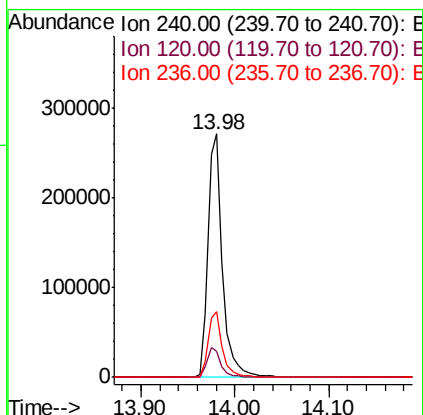
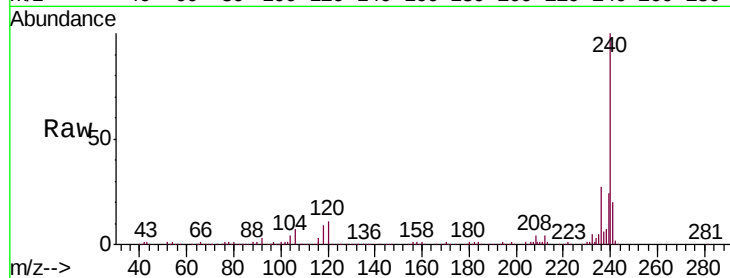




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.03 min
Lab File: BF116323.D
Acq: 16 Aug 2019 15:35

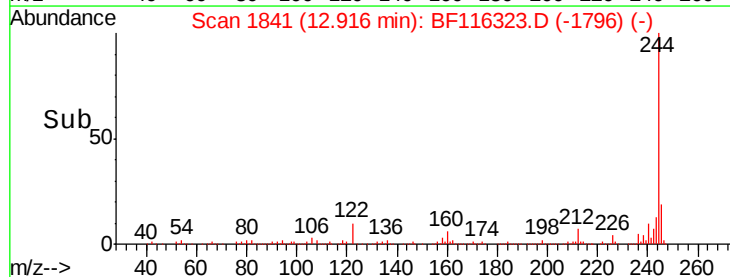
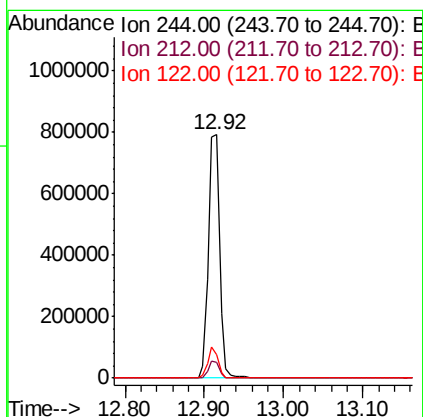
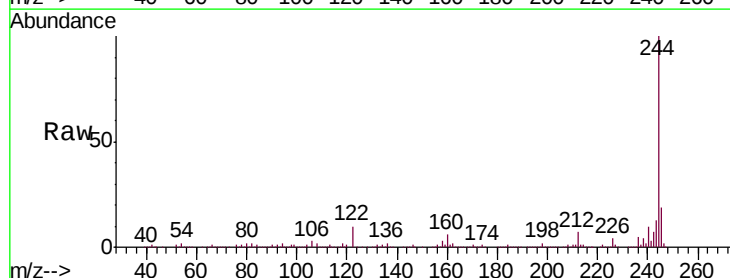
Instrument :
BNA_F
ClientSampleId :
TP-4

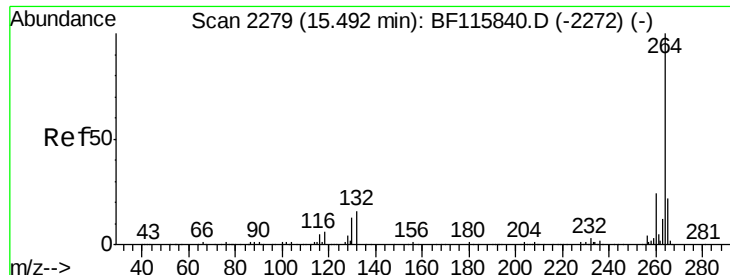
Tgt Ion:240 Resp: 294018
Ion Ratio Lower Upper
240 100
120 10.7 10.7 16.1
236 26.8 22.2 33.2



#79
Terphenyl-d14
Concen: 56.276 ng
RT: 12.92 min Scan# 1841
Delta R.T. -0.04 min
Lab File: BF116323.D
Acq: 16 Aug 2019 15:35

Tgt Ion:244 Resp: 785237
Ion Ratio Lower Upper
244 100
212 6.6 5.8 8.8
122 9.8 9.0 13.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2269
Delta R.T. -0.04 min
Lab File: BF116323.D
Acq: 16 Aug 2019 15:35

Instrument :
BNA_F
ClientSampleId :
TP-4

Tgt Ion: 264 Resp: 299564

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.7	29.5
265	22.0	17.4	26.0

