

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081219\
 Data File : BF116205.D
 Acq On : 12 Aug 2019 22:47
 Operator : HP/JU
 Sample : K4095-06
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-04-080919-A

Quant Time: Aug 13 01:09:11 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

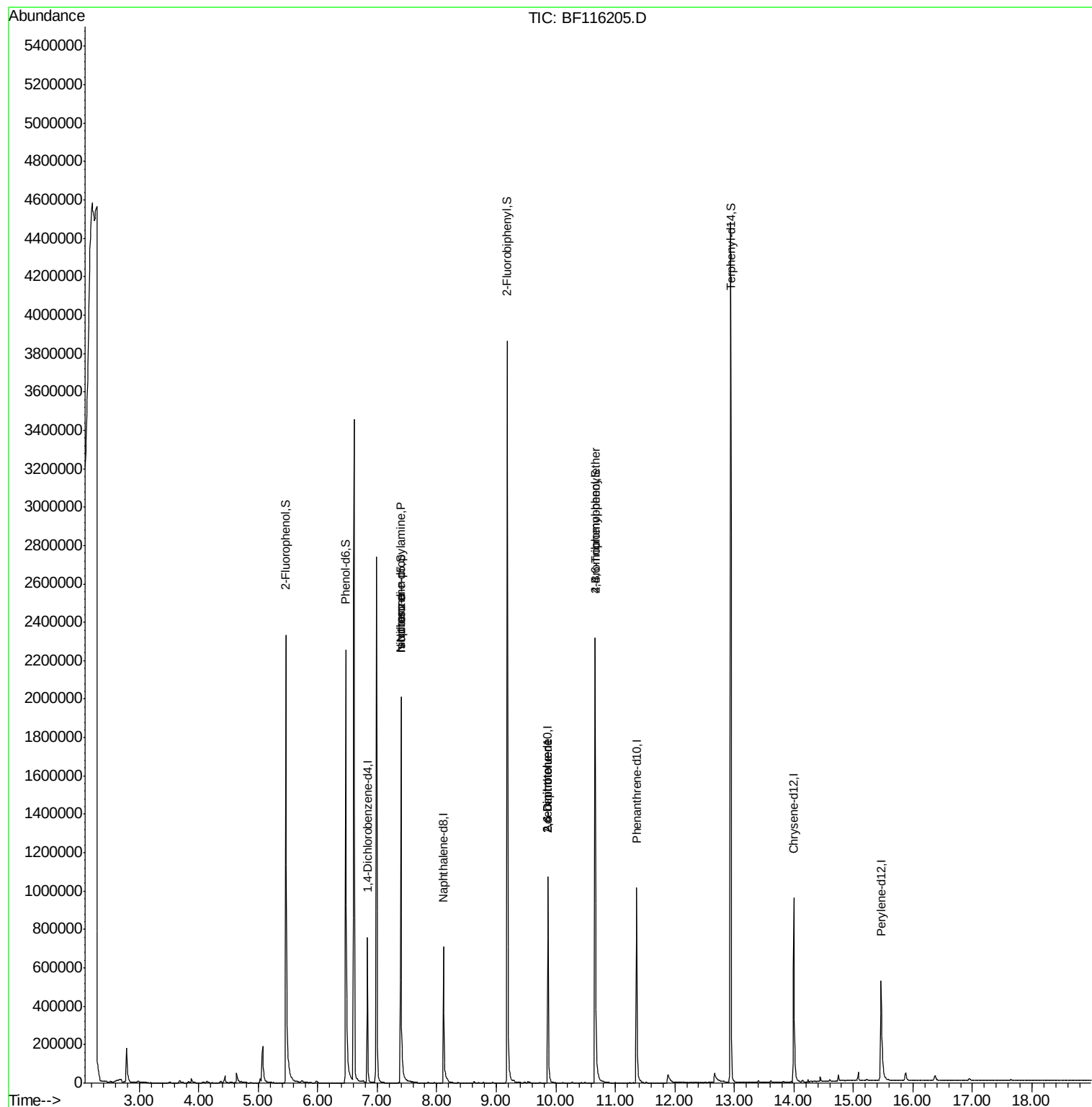
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	112130	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	435102	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	241415	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	464055	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	387417	20.00	ng	-0.01
87) Perylene-d12	15.46	264	355523	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	850275	126.94	ng	0.00
7) Phenol-d6	6.47	99	1027512	121.59	ng	-0.01
23) Nitrobenzene-d5	7.40	82	780305	103.52	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	370427	158.26	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	1364257	105.85	ng	-0.02
79) Terphenyl-d14	12.94	244	1791902	97.46	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.40	70	100487	19.189	ng	# 79
25) Isophorone	7.40	82	780302	54.138	ng	# 65
51) 2,6-Dinitrotoluene	9.87	165	30467	8.529	ng	# 29
57) 2,4-Dinitrotoluene	9.87	165	30462	6.405	ng	# 21
67) 4-Bromophenyl-phenylether	10.66	248	22660	4.561	ng	# 1

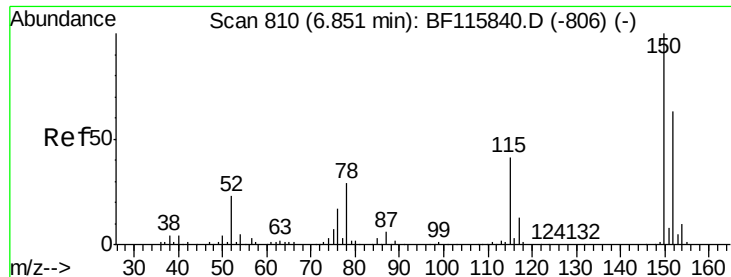
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081219\
Data File : BF116205.D
Acq On : 12 Aug 2019 22:47
Operator : HP/JU
Sample : K4095-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-04-080919-A

Quant Time: Aug 13 01:09:11 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



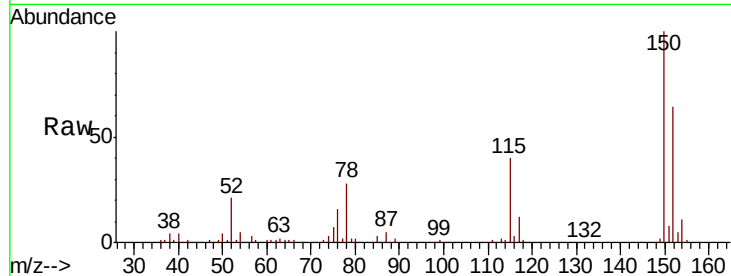


#1

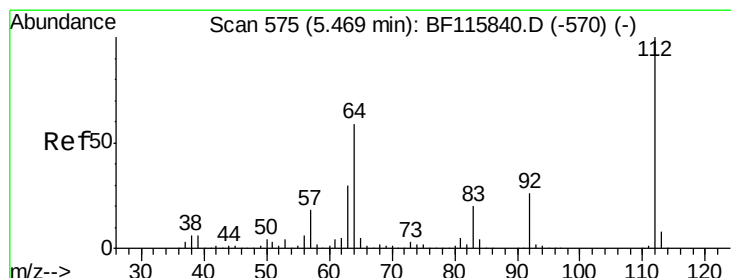
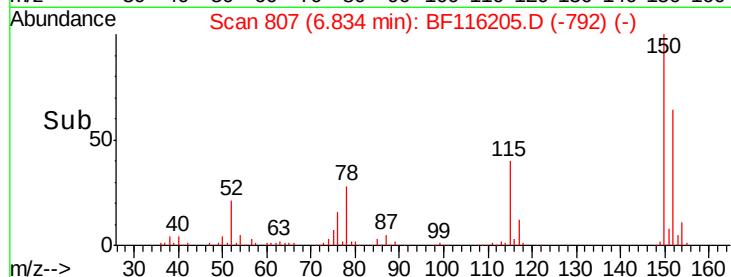
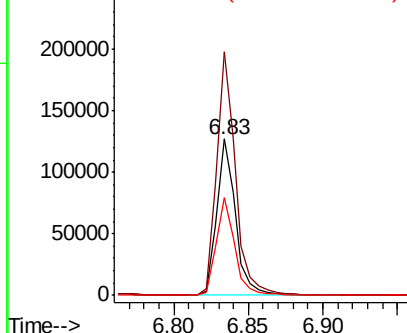
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF116205.D
Acq: 12 Aug 2019 22:47

Instrument :
BNA_F
ClientSampleId :
SU-04-080919-A

Tot Ion:152 Resp: 112130
Ion Ratio Lower Upper
152 100
150 155.7 126.2 189.2
115 62.1 49.9 74.9



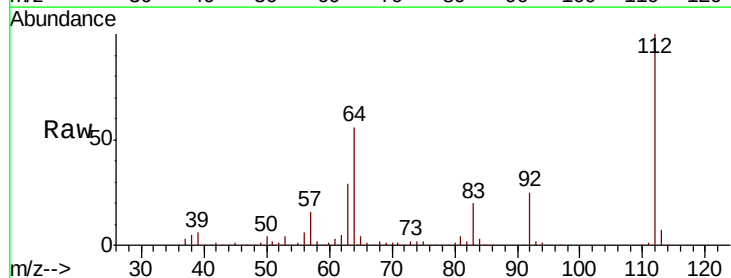
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



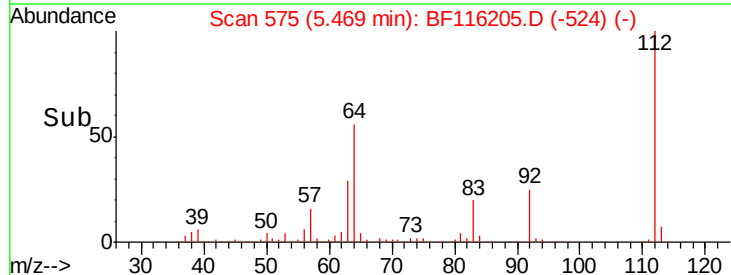
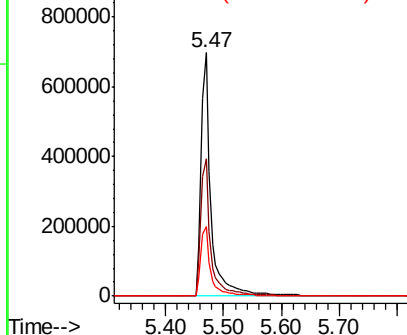
#5

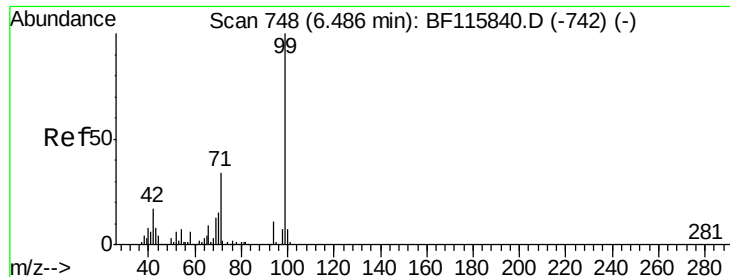
2-Fluorophenol
Concen: 126.943 ng
RT: 5.47 min Scan# 575
Delta R.T. -0.00 min
Lab File: BF116205.D
Acq: 12 Aug 2019 22:47

Tgt Ion:112 Resp: 850275
Ion Ratio Lower Upper
112 100
64 56.2 45.4 68.2
63 28.8 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: 121.587 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF116205.D

Acq: 12 Aug 2019 22:47

Instrument :

BNA_F

ClientSampleId :

SU-04-080919-A

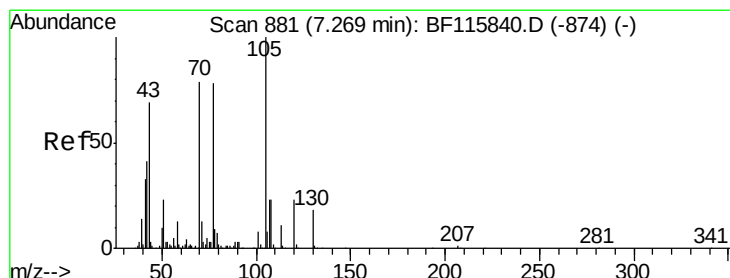
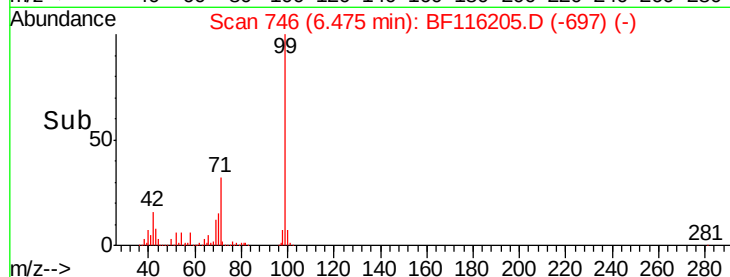
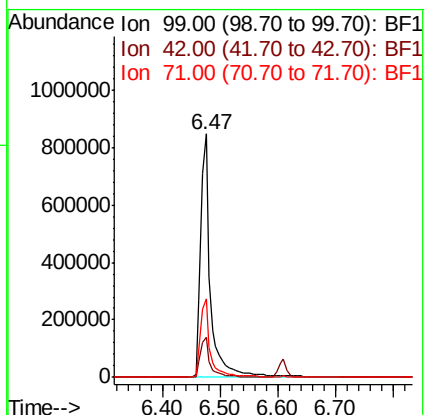
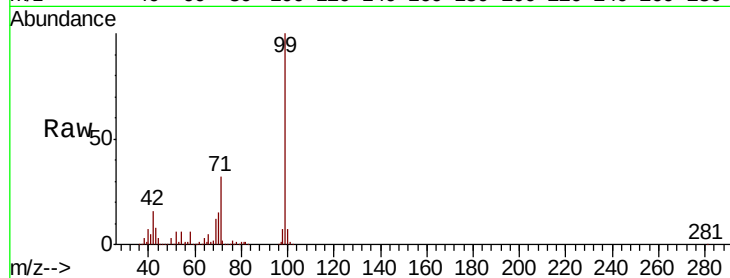
Tot Ion: 99 Resp: 1027512

Ion Ratio Lower Upper

99 100

42 16.2 13.8 20.8

71 32.5 27.3 40.9



#19

n-Nitroso-di-n-propylamine

Concen: 19.189 ng

RT: 7.40 min Scan# 903

Delta R.T. 0.13 min

Lab File: BF116205.D

Acq: 12 Aug 2019 22:47

Tgt Ion: 70 Resp: 100487

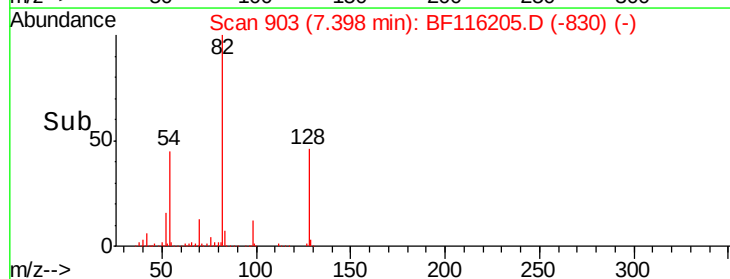
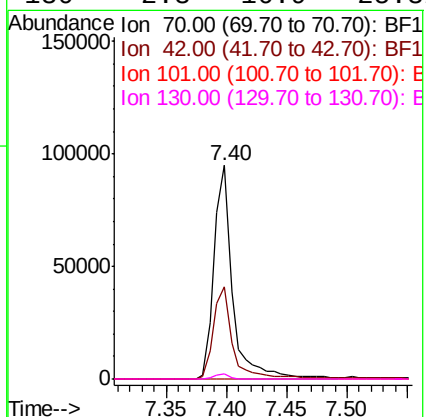
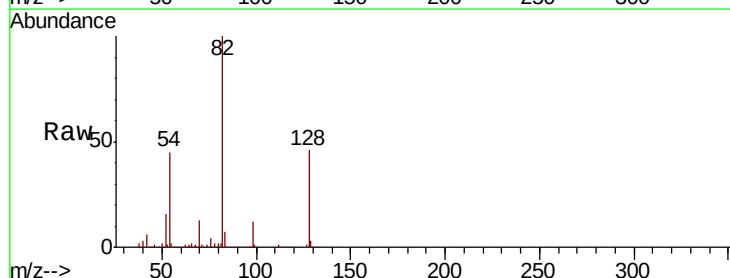
Ion Ratio Lower Upper

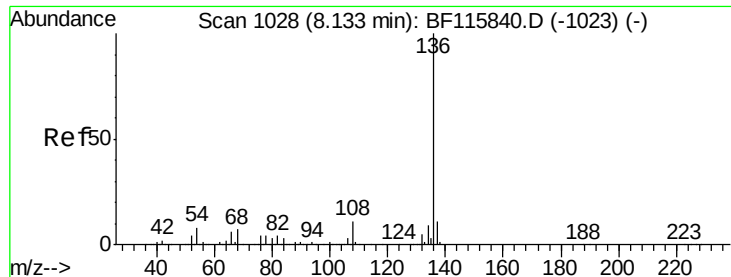
70 100

42 43.0 40.9 61.3

101 0.0 7.9 11.9#

130 2.3 16.9 25.3#

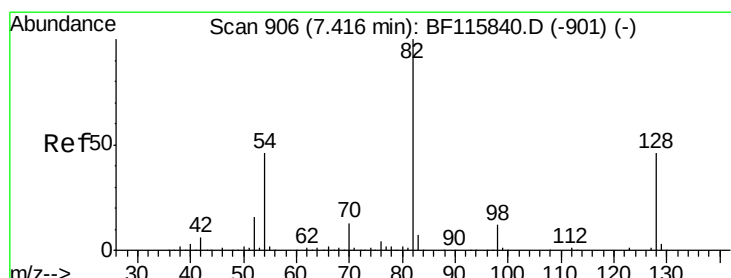
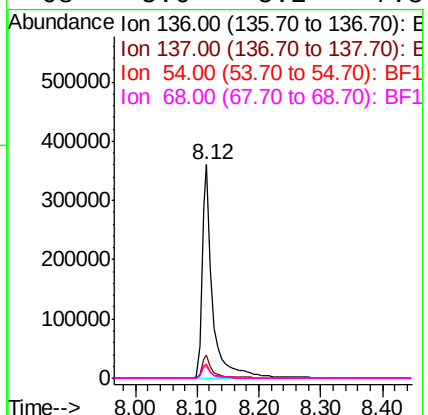
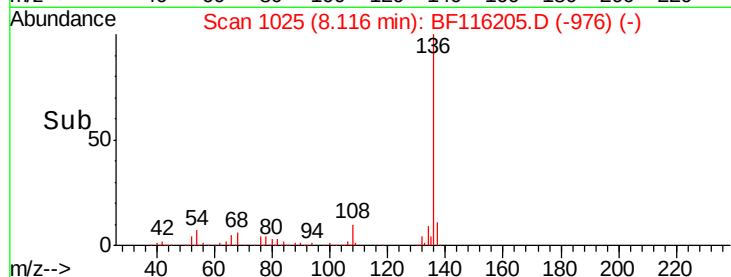
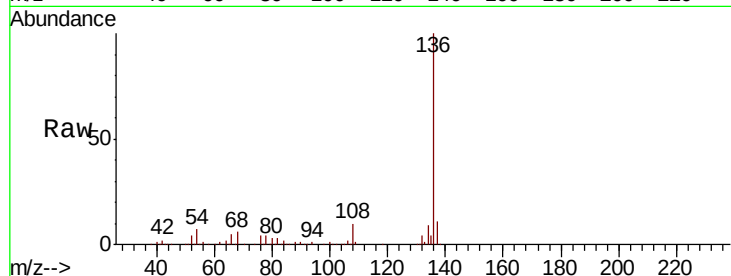




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF116205.D
Acq: 12 Aug 2019 22:47

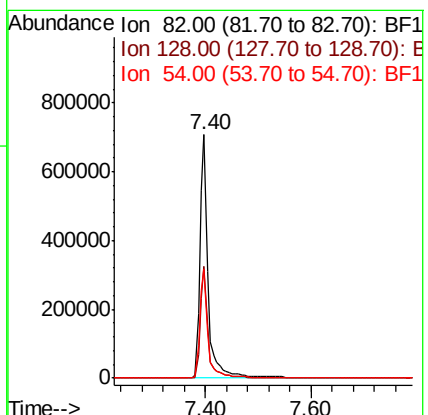
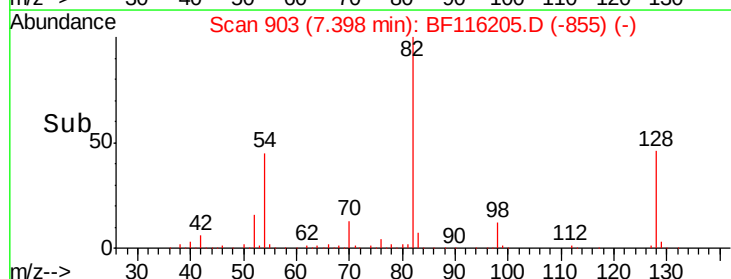
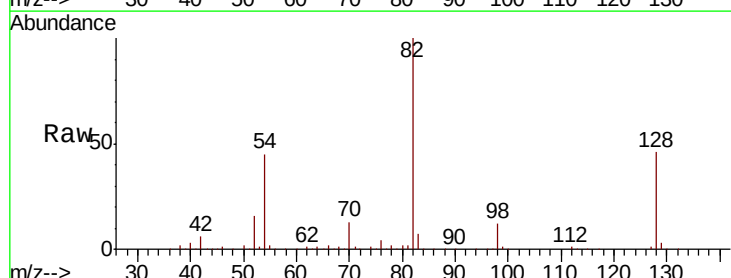
Instrument :
BNA_F
ClientSampleId :
SU-04-080919-A

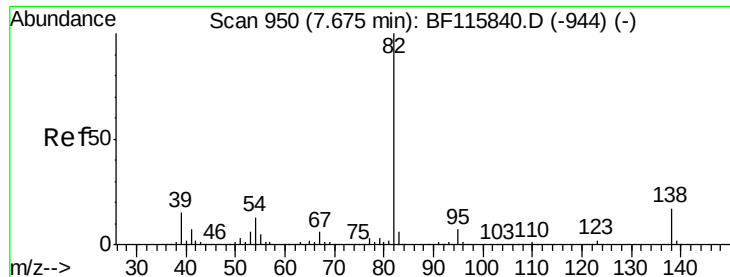
Tot Ion:136	Resp:	435102
Ion Ratio	Lower	Upper
136	100	
137	10.9	9.0 13.4
54	6.6	5.8 8.6
68	5.6	5.2 7.8



#23
Nitrobenzene-d5
Concen: 103.520 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.02 min
Lab File: BF116205.D
Acq: 12 Aug 2019 22:47

Tgt Ion: 82	Resp:	780305
Ion Ratio	Lower	Upper
82	100	
128	45.8	36.5 54.7
54	44.9	36.0 54.0





#25

Isophorone

Concen: 54.138 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.28 min

Lab File: BF116205.D

Acq: 12 Aug 2019 22:47

Instrument :

BNA_F

ClientSampleId :

SU-04-080919-A

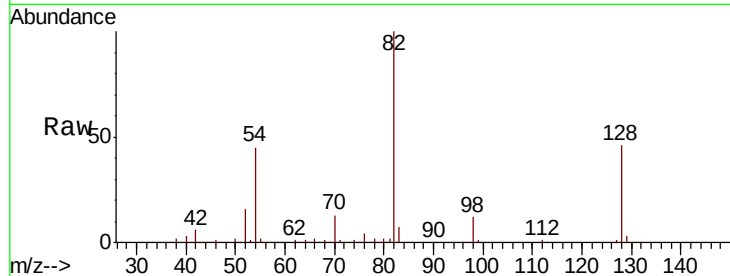
Tot Ion: 82 Resp: 780302

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.0#

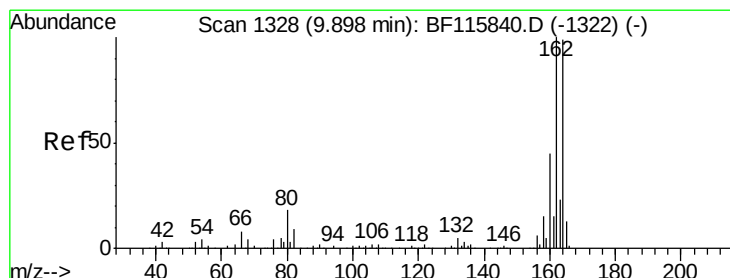
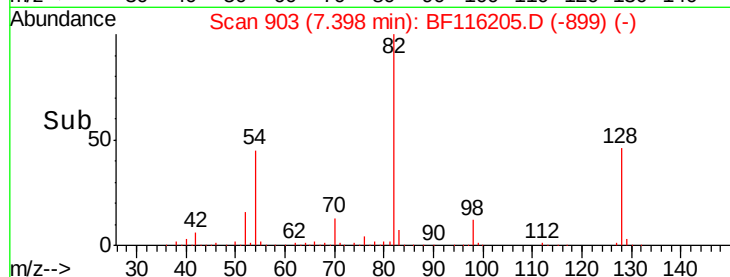
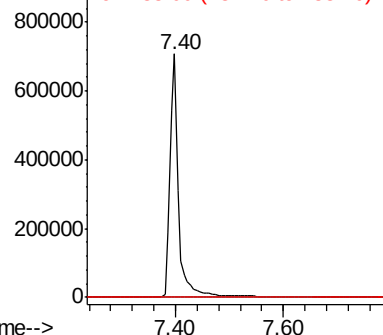
138 0.0 14.5 21.7#



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: 9.87 min Scan# 1323

Delta R.T. -0.02 min

Lab File: BF116205.D

Acq: 12 Aug 2019 22:47

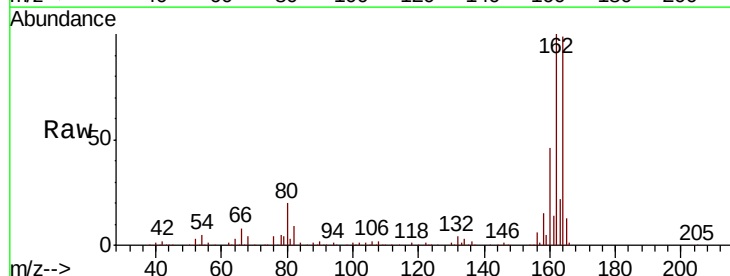
Tgt Ion:164 Resp: 241415

Ion Ratio Lower Upper

164 100

162 101.3 82.6 124.0

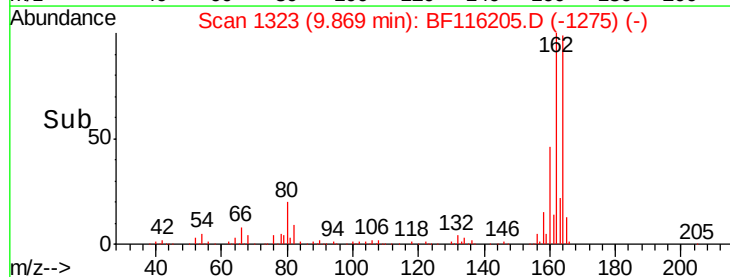
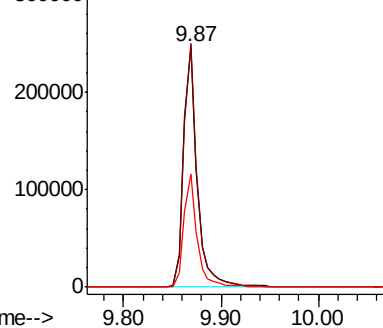
160 47.0 37.6 56.4

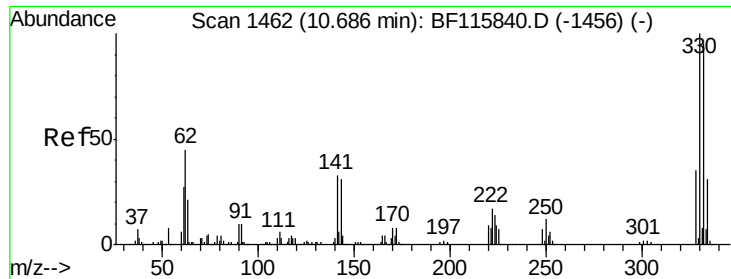


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 158.263 ng

RT: 10.66 min Scan# 1458

Delta R.T. -0.01 min

Lab File: BF116205.D

Acq: 12 Aug 2019 22:47

Instrument :

BNA_F

ClientSampleId :

SU-04-080919-A

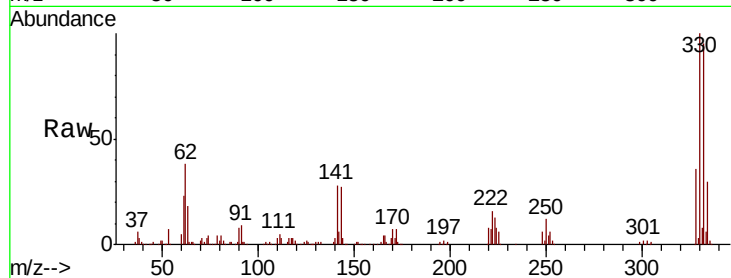
Tot Ion:330 Resp: 370427

Ion Ratio Lower Upper

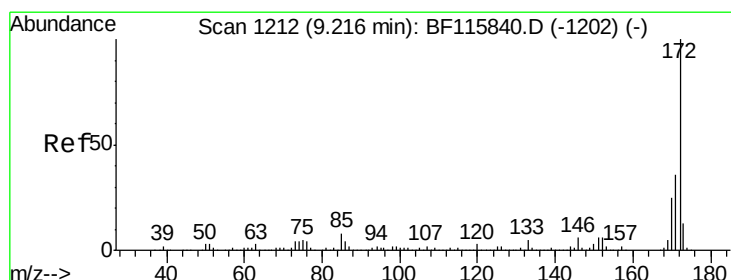
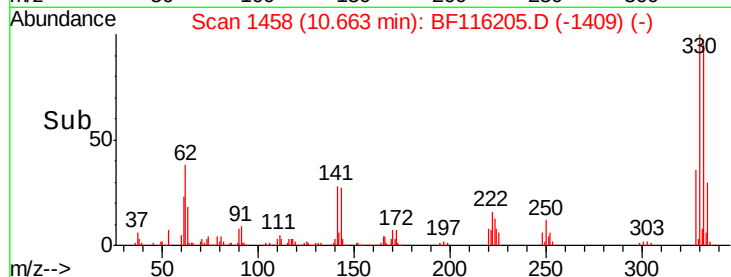
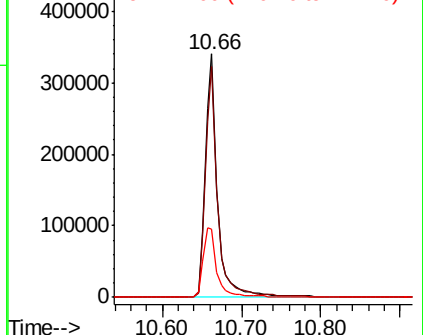
330 100

332 95.6 76.8 115.2

141 33.4 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: 105.849 ng

RT: 9.19 min Scan# 1207

Delta R.T. -0.02 min

Lab File: BF116205.D

Acq: 12 Aug 2019 22:47

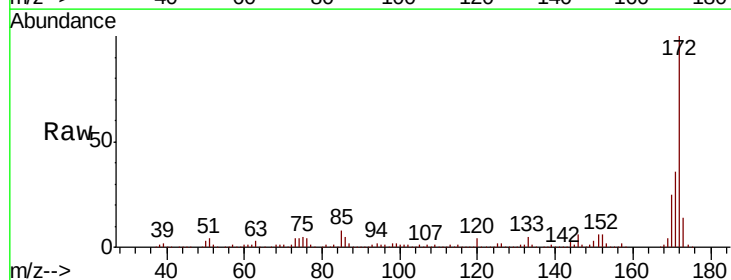
Tgt Ion:172 Resp: 1364257

Ion Ratio Lower Upper

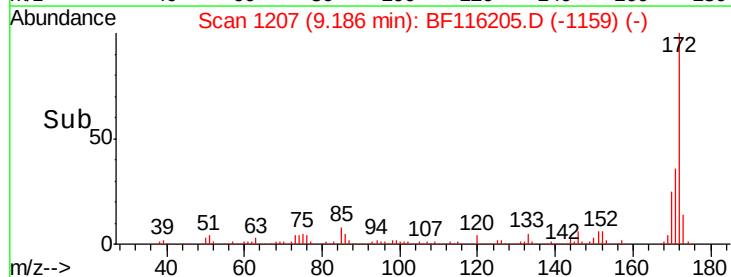
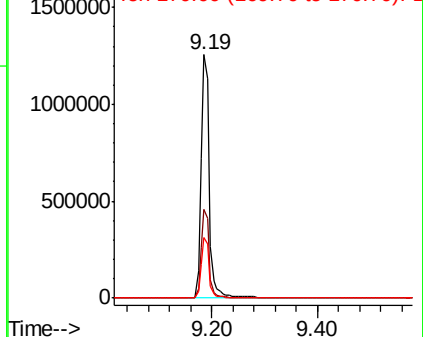
172 100

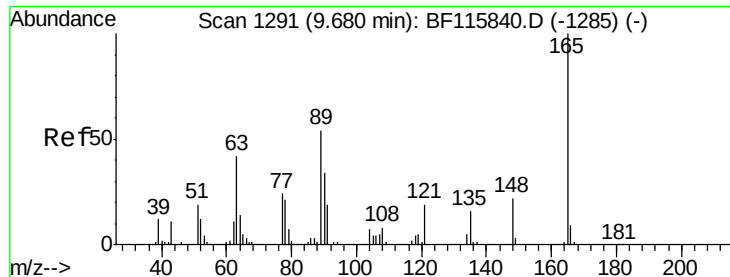
171 36.4 29.6 44.4

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

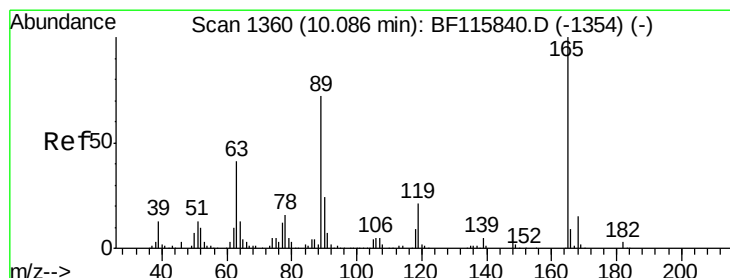
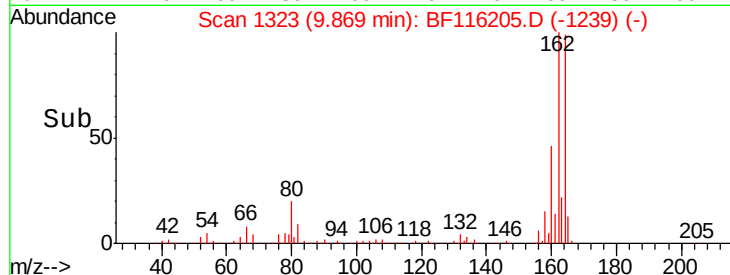
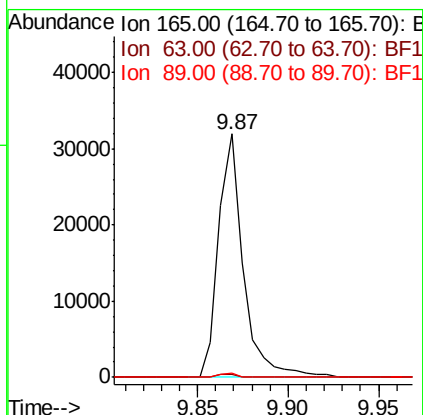
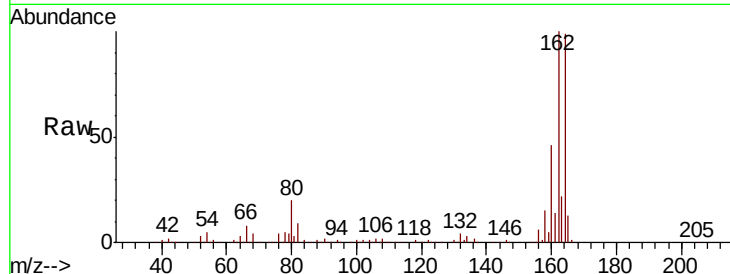




#51
 2,6-Dinitrotoluene
 Concen: 8.529 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. 0.19 min
 Lab File: BF116205.D
 Acq: 12 Aug 2019 22:47

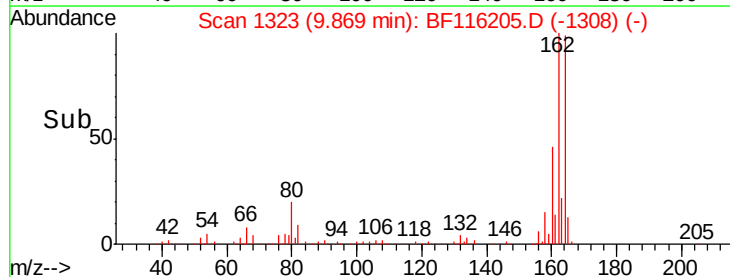
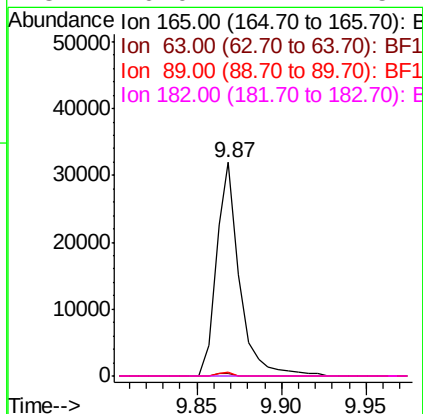
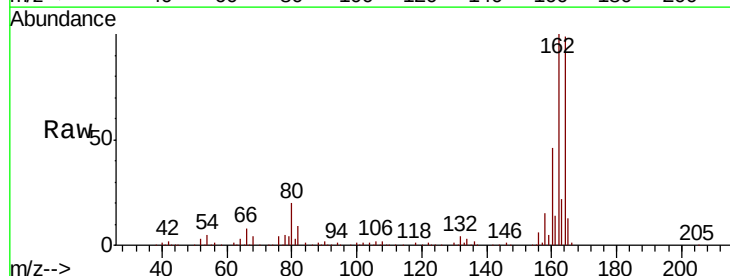
Instrument :
 BNA_F
 ClientSampleId :
 SU-04-080919-A

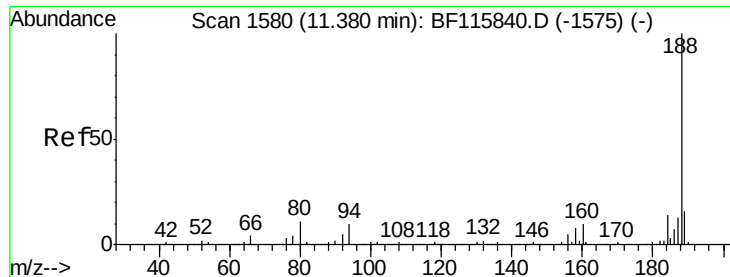
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.4	38.2	57.2#
89	1.5	42.9	64.3#



#57
 2,4-Dinitrotoluene
 Concen: 6.405 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.21 min
 Lab File: BF116205.D
 Acq: 12 Aug 2019 22:47

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	39.6	59.4#
89	1.5	62.2	93.2#
182	0.0	2.1	3.1#

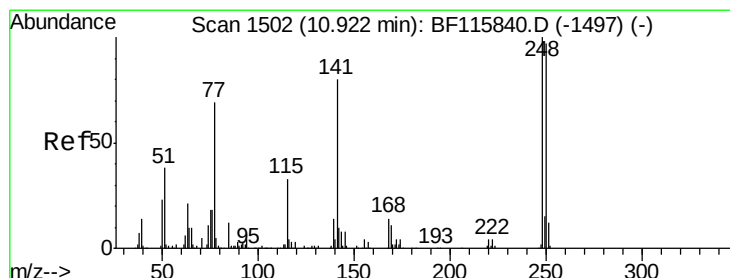
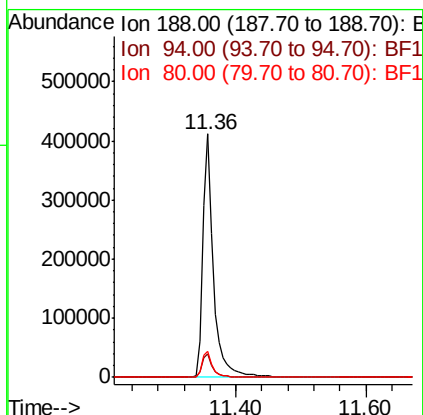
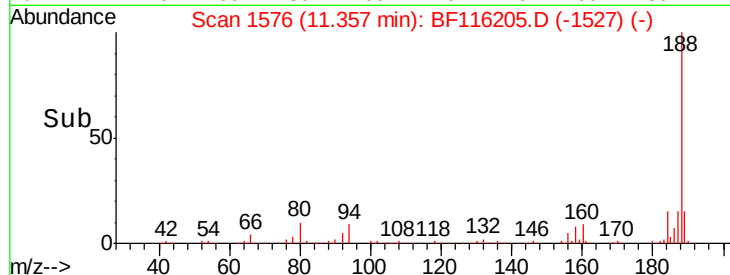
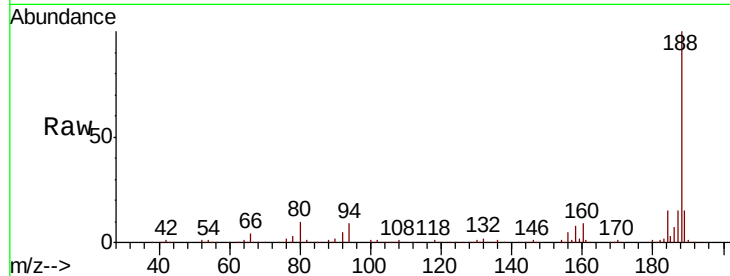




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF116205.D
Acq: 12 Aug 2019 22:47

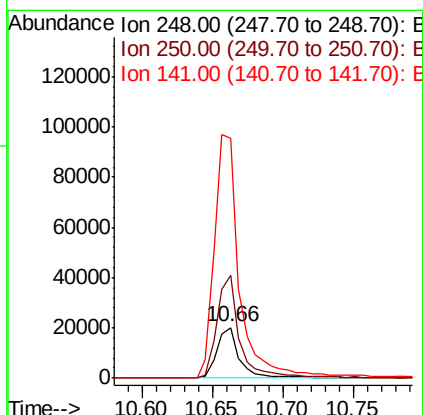
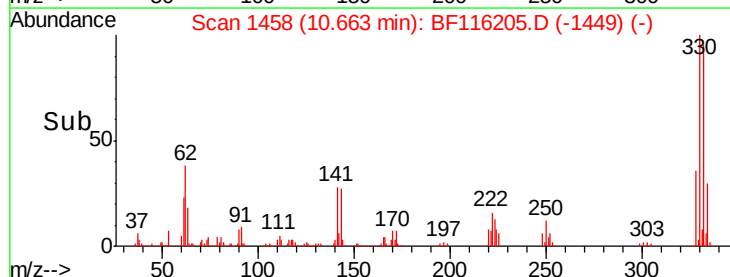
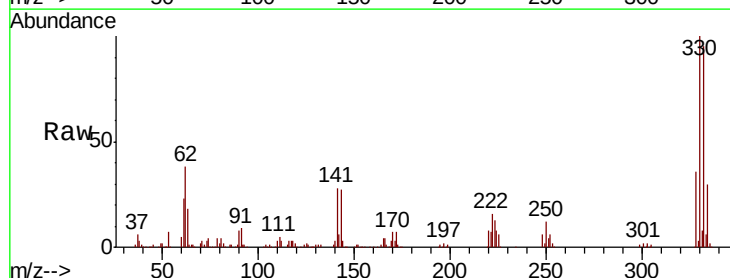
Instrument :
BNA_F
ClientSampleId :
SU-04-080919-A

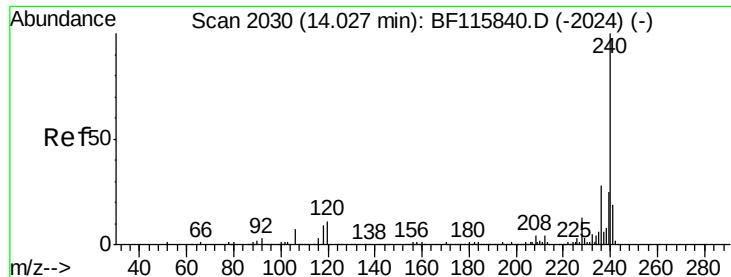
Tot Ion:188 Resp: 464055
Ion Ratio Lower Upper
188 100
94 9.4 8.1 12.1
80 10.4 8.7 13.1



#67
4-Bromophenyl-phenylether
Concen: 4.561 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.25 min
Lab File: BF116205.D
Acq: 12 Aug 2019 22:47

Tgt Ion:248 Resp: 22660
Ion Ratio Lower Upper
248 100
250 203.1 77.4 116.2#
141 472.1 56.8 85.2#

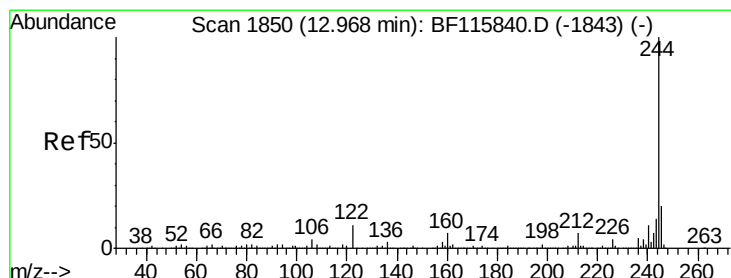
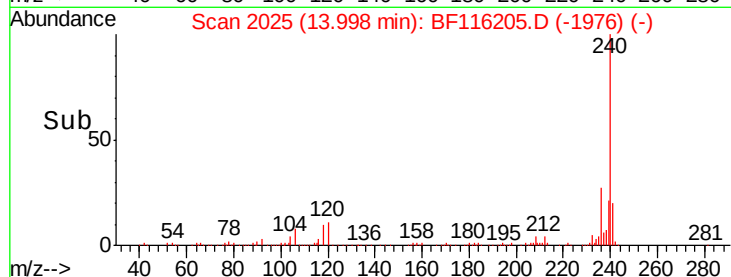
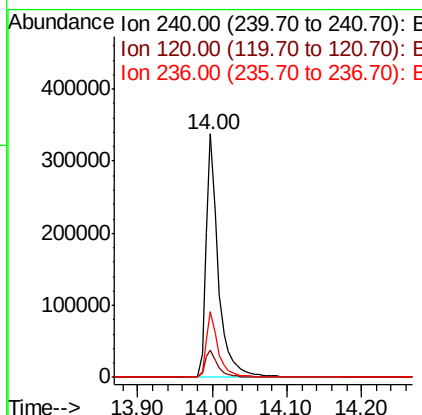
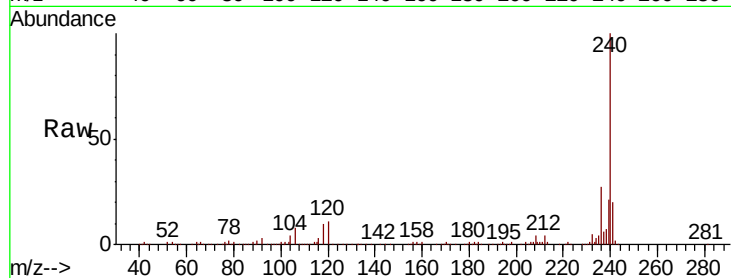




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF116205.D
Acq: 12 Aug 2019 22:47

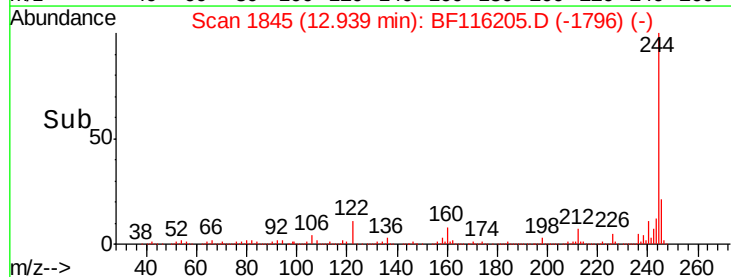
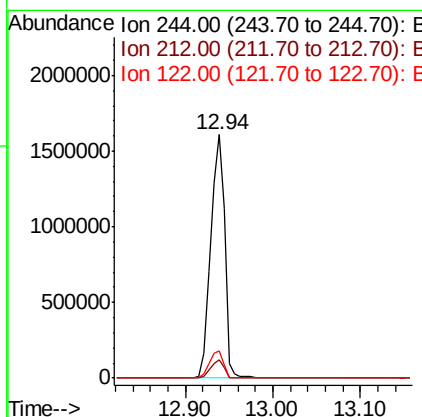
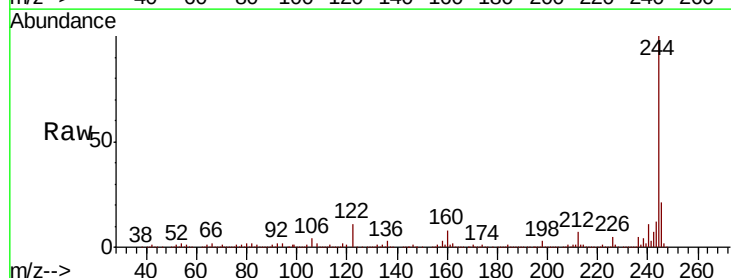
Instrument :
BNA_F
ClientSampleId :
SU-04-080919-A

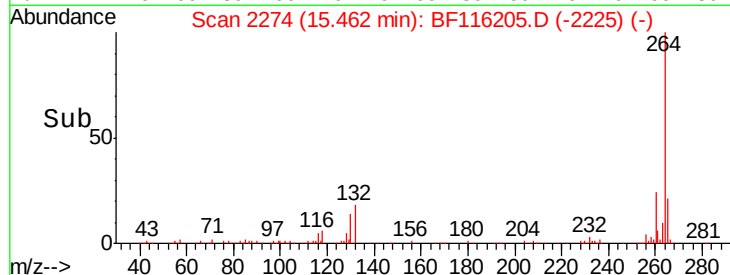
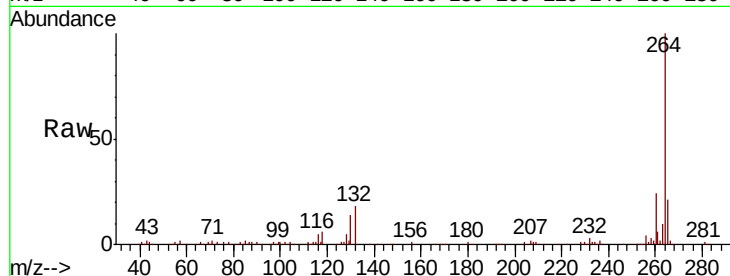
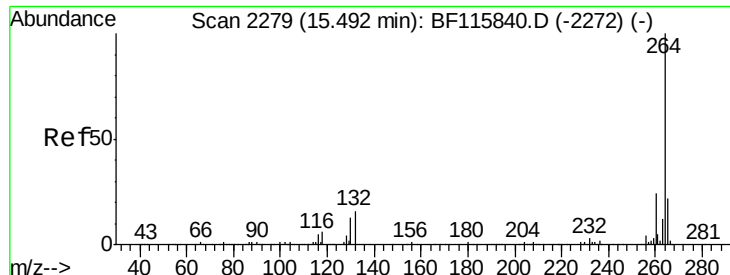
Tot Ion:240 Resp: 387417
Ion Ratio Lower Upper
240 100
120 11.5 10.7 16.1
236 27.0 22.2 33.2



#79
Terphenyl-d14
Concen: 97.462 ng
RT: 12.94 min Scan# 1845
Delta R.T. -0.01 min
Lab File: BF116205.D
Acq: 12 Aug 2019 22:47

Tgt Ion:244 Resp: 1791902
Ion Ratio Lower Upper
244 100
212 7.3 5.8 8.8
122 11.3 9.0 13.4





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.46 min Scan# 2274
 Delta R.T. -0.01 min
 Lab File: BF116205.D
 Acq: 12 Aug 2019 22:47

Instrument :
 BNA_F
 ClientSampleId :
 SU-04-080919-A

Tot Ion:	264	Resp:	355523
Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.7	29.5
265	21.0	17.4	26.0

