

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071519\
 Data File : BF115570.D
 Acq On : 15 Jul 2019 21:27
 Operator : HP/JU
 Sample : PB121220BL
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 16 01:44:27 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 12 14:03:52 2019
 Response via : Initial Calibration

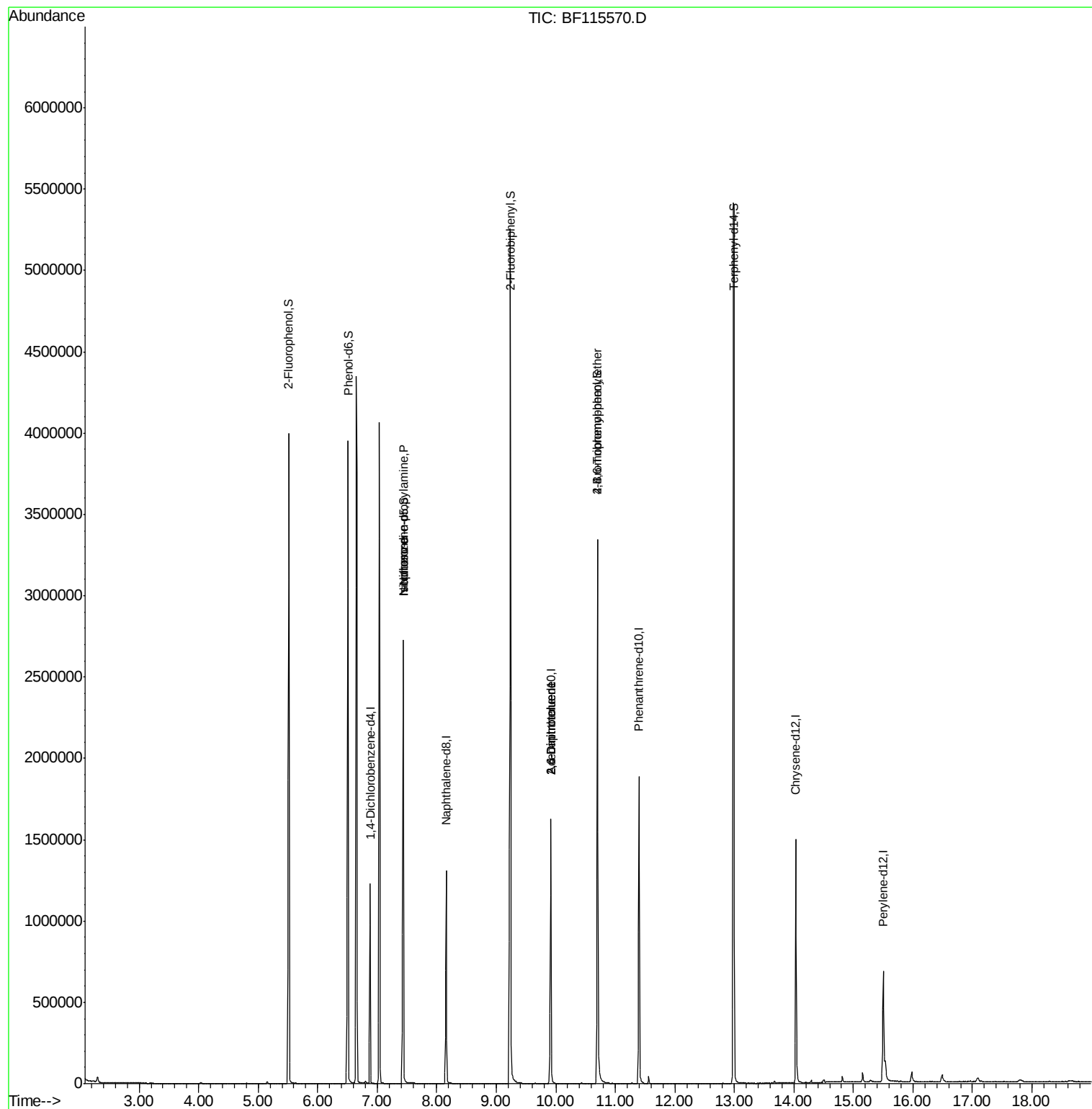
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	181942	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	693700	20.00	ng	-0.01
39) Acenaphthene-d10	9.92	164	356787	20.00	ng	-0.01
64) Phenanthrene-d10	11.40	188	730092	20.00	ng	-0.01
76) Chrysene-d12	14.03	240	527340	20.00	ng	-0.02
87) Perylene-d12	15.50	264	468609	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	1334735	120.00	ng	0.01
7) Phenol-d6	6.51	99	1754276	124.29	ng	0.00
23) Nitrobenzene-d5	7.44	82	1131828	94.87	ng	-0.01
42) 2,4,6-Tribromophenol	10.70	330	521992	125.34	ng	-0.01
45) 2-Fluorobiphenyl	9.24	172	2139583	104.96	ng	-0.01
79) Terphenyl-d14	12.99	244	2380899	83.31	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.44	70	148573	16.141	ng	# 77
25) Isophorone	7.44	82	1115646	46.734	ng	# 64
51) 2,6-Dinitrotoluene	9.92	165	45003	7.377	ng	# 27
57) 2,4-Dinitrotoluene	9.92	165	45003	5.694	ng	# 24
67) 4-Bromophenyl-phenylether	10.70	248	30936	3.708	ng	# 1

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

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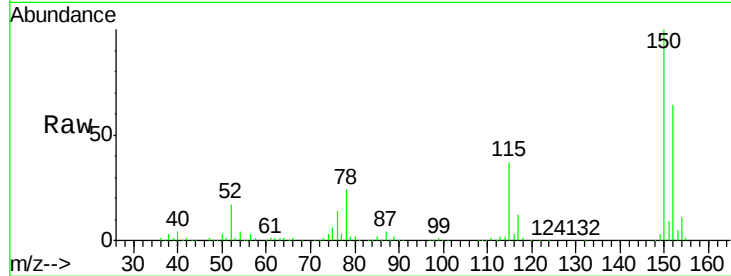


#1

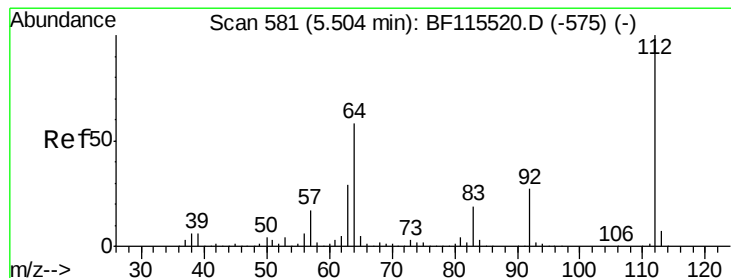
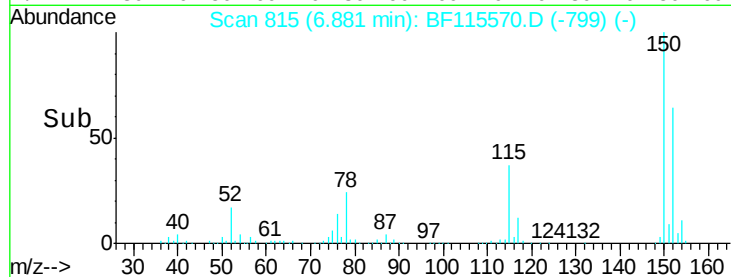
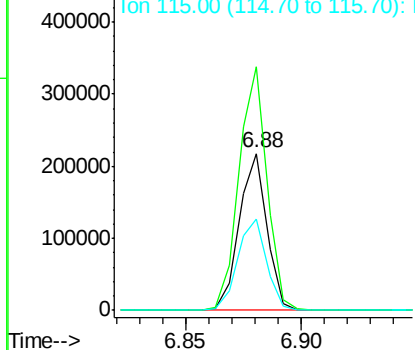
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF115570.D
Acq: 15 Jul 2019 21:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 181942
Ion Ratio Lower Upper
152 100
150 155.1 129.7 194.5
115 57.9 48.2 72.4



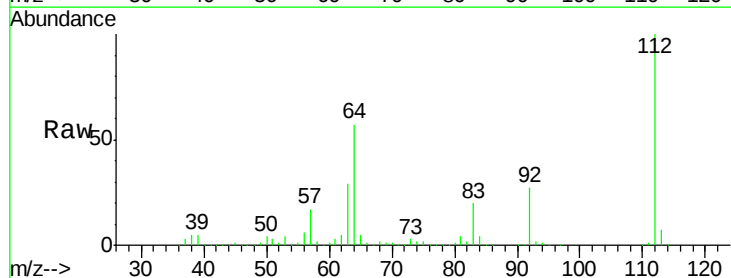
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



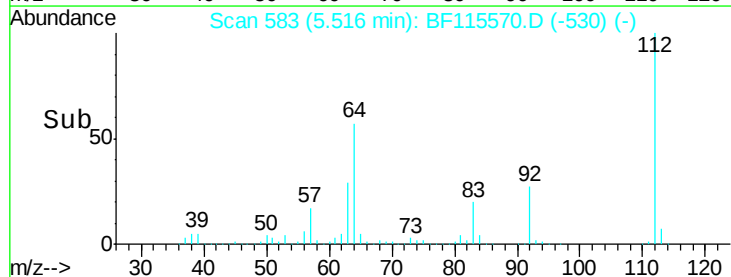
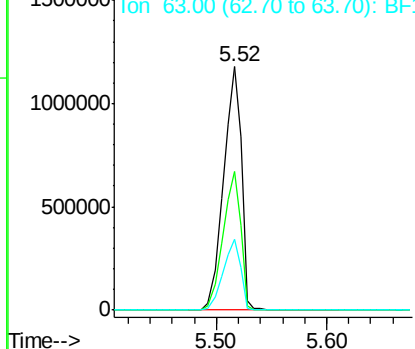
#5

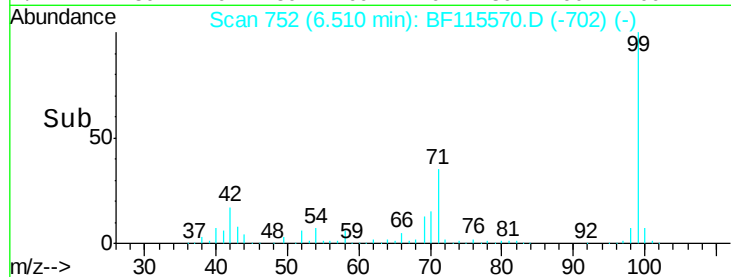
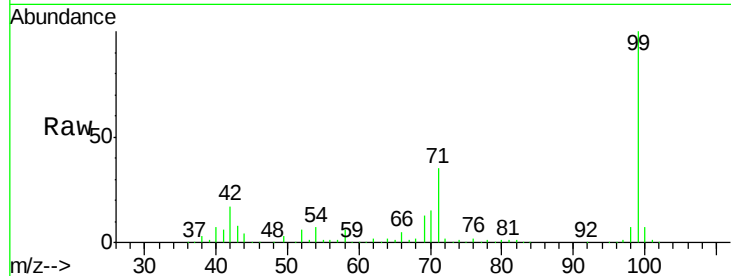
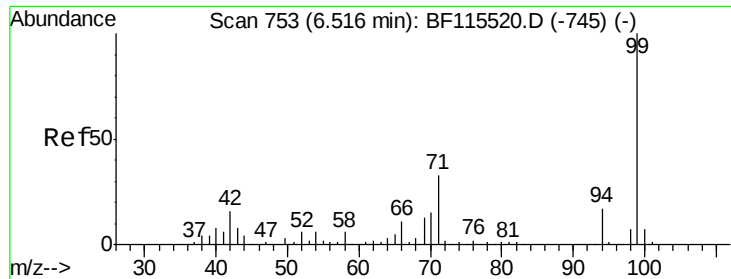
2-Fluorophenol
Concen: 119.996 ng
RT: 5.52 min Scan# 583
Delta R.T. 0.01 min
Lab File: BF115570.D
Acq: 15 Jul 2019 21:27

Tgt Ion:112 Resp: 1334735
Ion Ratio Lower Upper
112 100
64 56.8 46.8 70.2
63 29.1 24.1 36.1



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: 124.294 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF115570.D

Acq: 15 Jul 2019 21:27

Instrument :

BNA_F

ClientSampleId :

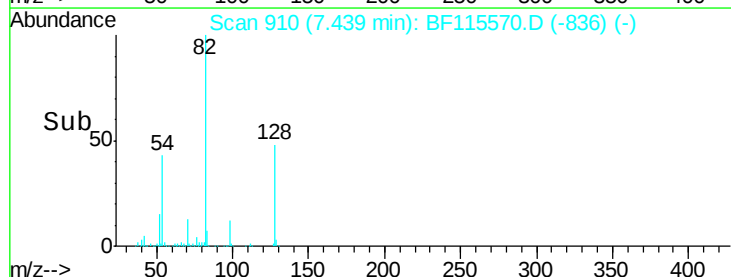
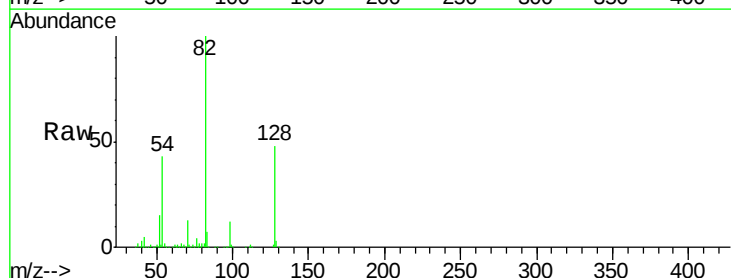
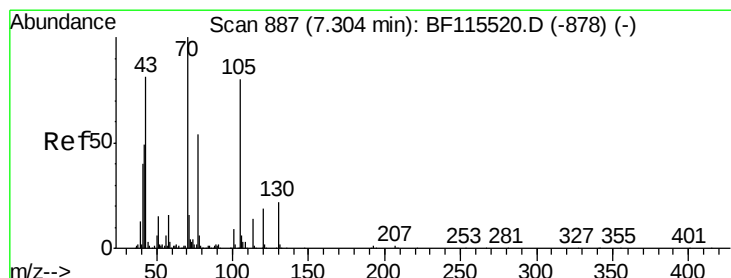
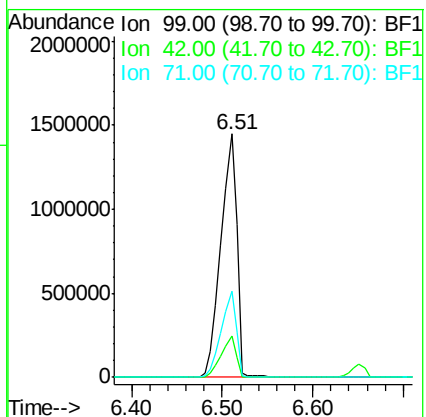
Tot Ion: 99 Resp: 1754276

Ion Ratio Lower Upper

99 100

42 16.8 13.6 20.4

71 35.2 28.5 42.7



#19

n-Nitroso-di-n-propylamine

Concen: 16.141 ng

RT: 7.44 min Scan# 910

Delta R.T. 0.14 min

Lab File: BF115570.D

Acq: 15 Jul 2019 21:27

Tgt Ion: 70 Resp: 148573

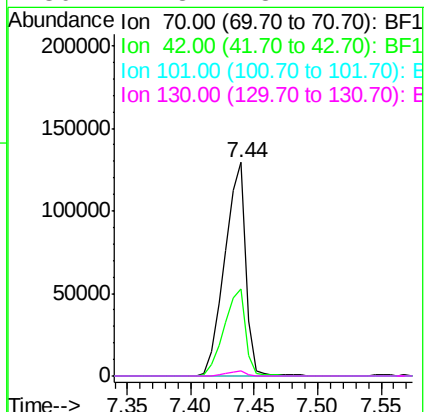
Ion Ratio Lower Upper

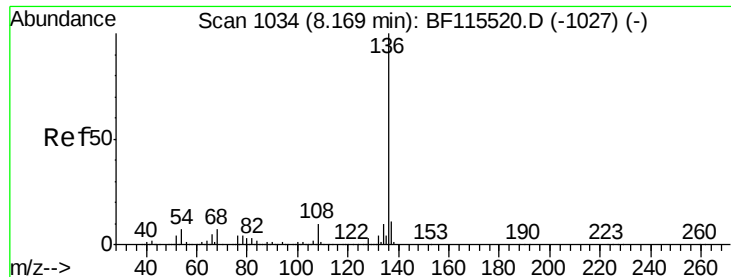
70 100

42 40.8 39.6 59.4

101 0.0 8.1 12.1#

130 2.3 18.2 27.2#

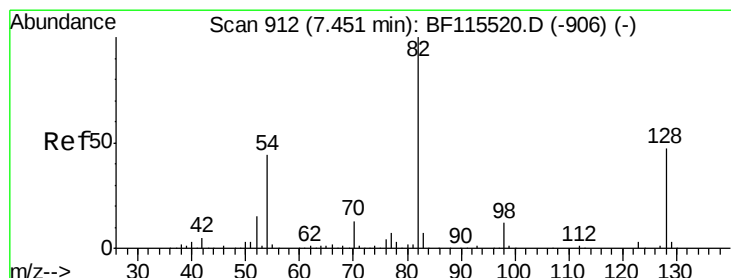
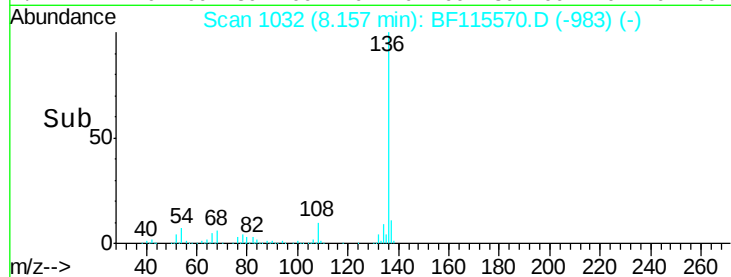
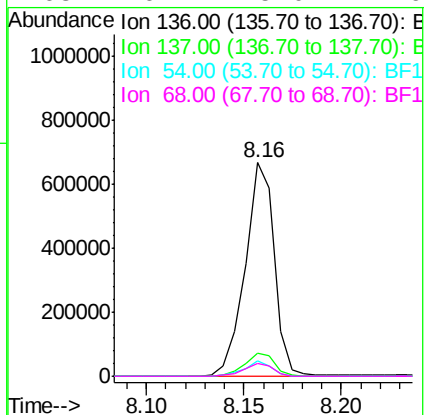
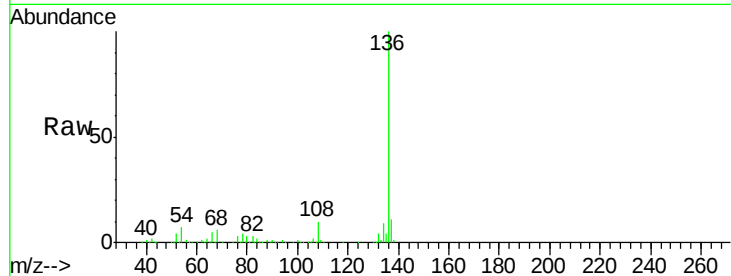




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF115570.D
Acq: 15 Jul 2019 21:27

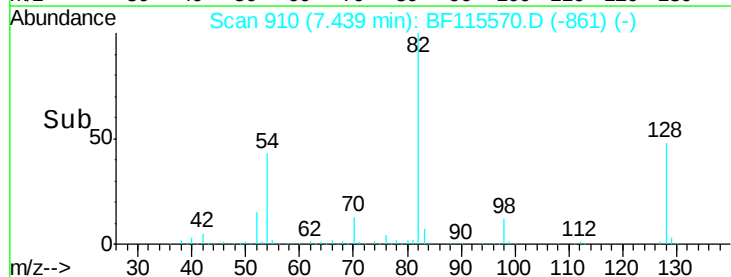
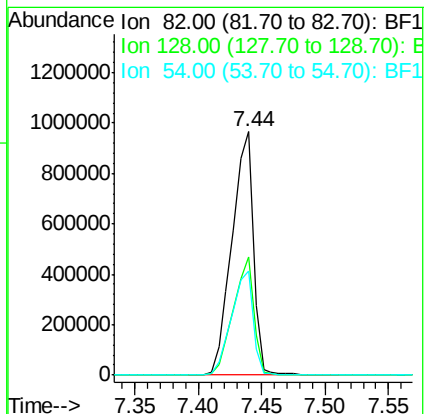
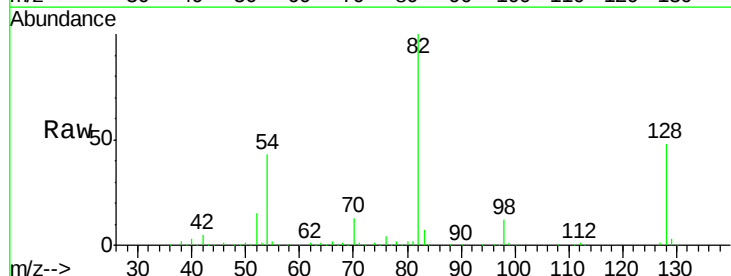
Instrument :
BNA_F
ClientSampled :

Tot Ion:136	Resp: 693700
Ion Ratio	Lower Upper
136 100	
137 11.1	9.0 13.4
54 7.0	5.6 8.4
68 6.1	5.0 7.6



#23
Nitrobenzene-d5
Concen: 94.871 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF115570.D
Acq: 15 Jul 2019 21:27

Tgt Ion	82	Resp: 1131828	
Ion	Ratio	Lower	Upper
82	100		
128	48.5	38.6	57.8
54	42.7	35.6	53.4





#25

Isophorone

Concen: 46.734 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.27 min

Lab File: BF115570.D

Acq: 15 Jul 2019 21:27

Instrument :

BNA_F

ClientSampleId :

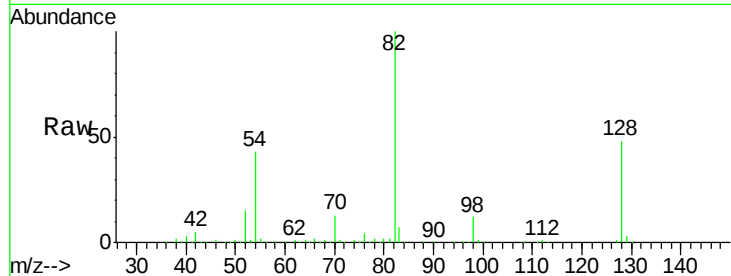
Tot Ion: 82 Resp: 1115646

Ion Ratio Lower Upper

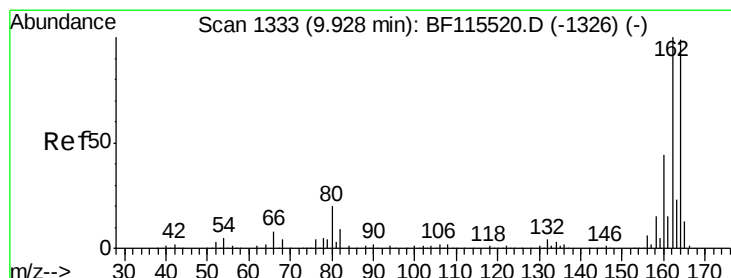
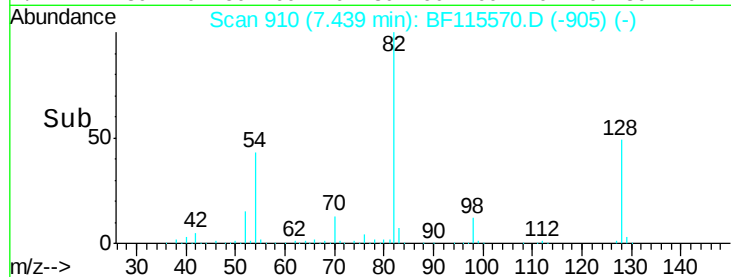
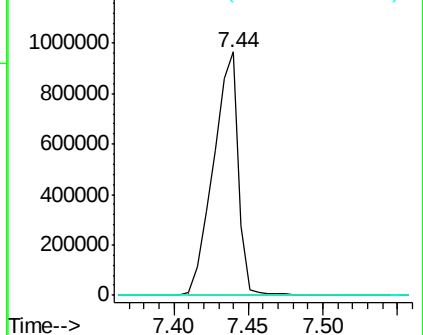
82 100

95 0.0 5.5 8.3#

138 0.0 14.9 22.3#



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: 9.92 min Scan# 1331

Delta R.T. -0.01 min

Lab File: BF115570.D

Acq: 15 Jul 2019 21:27

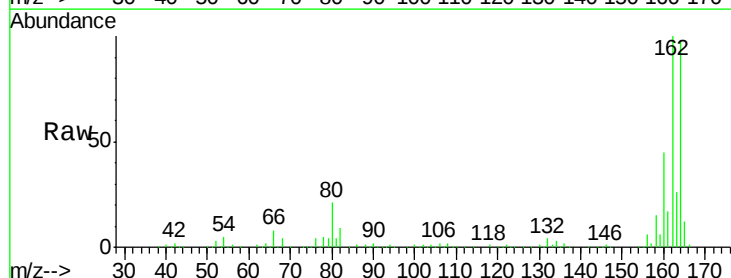
Tgt Ion: 164 Resp: 356787

Ion Ratio Lower Upper

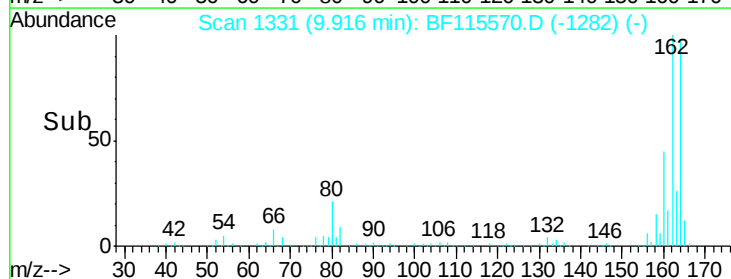
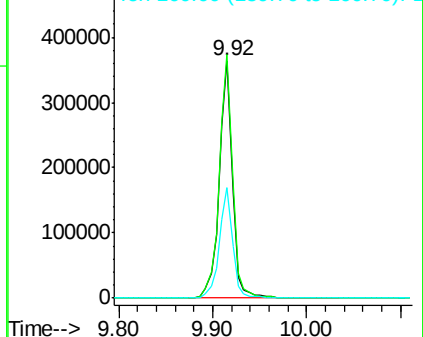
164 100

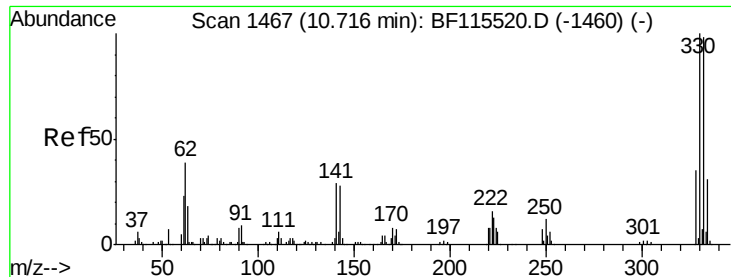
162 102.4 82.9 124.3

160 46.3 36.8 55.2



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: 125.341 ng

RT: 10.70 min Scan# 1465

Delta R.T. -0.01 min

Lab File: BF115570.D

Acq: 15 Jul 2019 21:27

Instrument :

BNA_F

ClientSampleId :

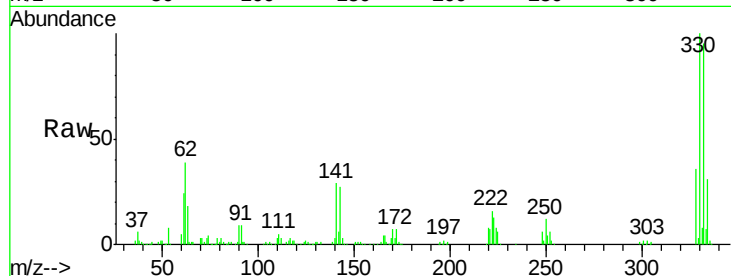
Tot Ion:330 Resp: 521992

Ion Ratio Lower Upper

330 100

332 96.3 77.4 116.2

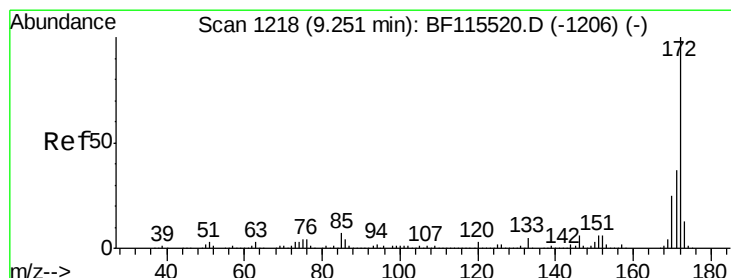
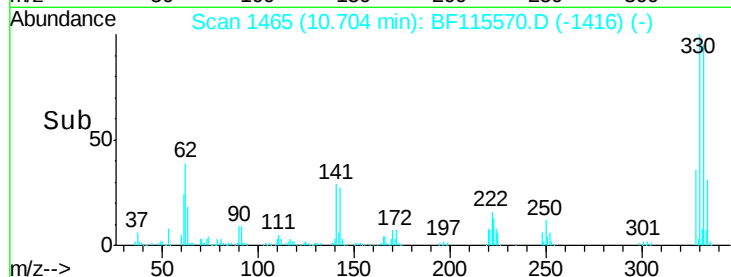
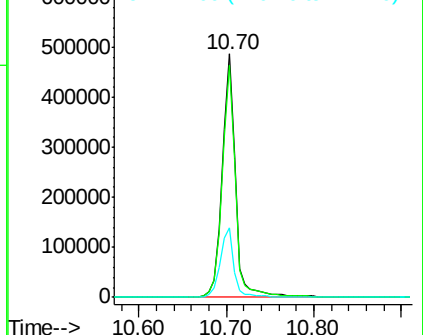
141 29.8 22.4 33.6



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: 104.961 ng

RT: 9.24 min Scan# 1216

Delta R.T. -0.01 min

Lab File: BF115570.D

Acq: 15 Jul 2019 21:27

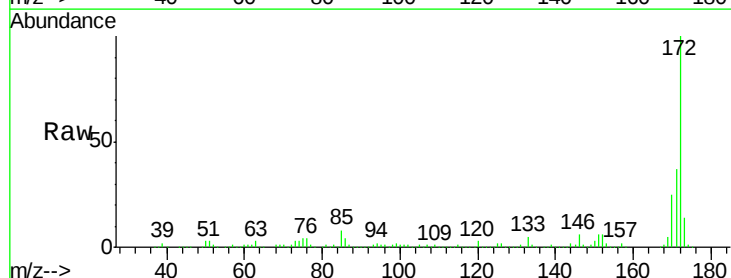
Tgt Ion:172 Resp: 2139583

Ion Ratio Lower Upper

172 100

171 36.9 30.6 46.0

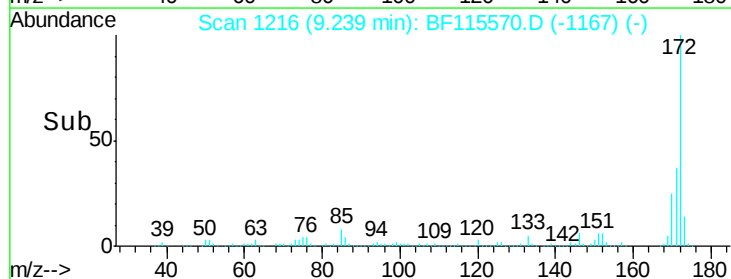
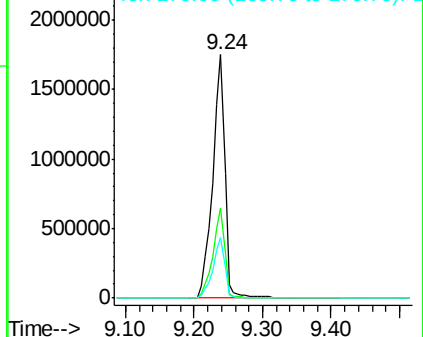
170 25.0 20.5 30.7

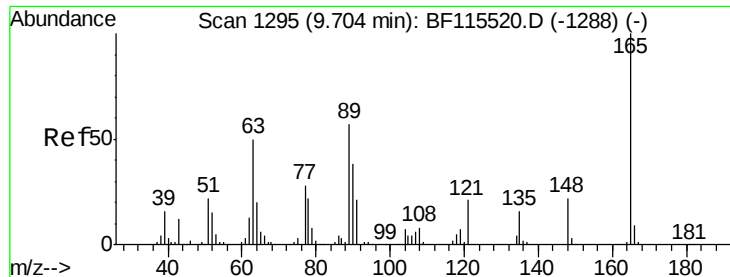


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

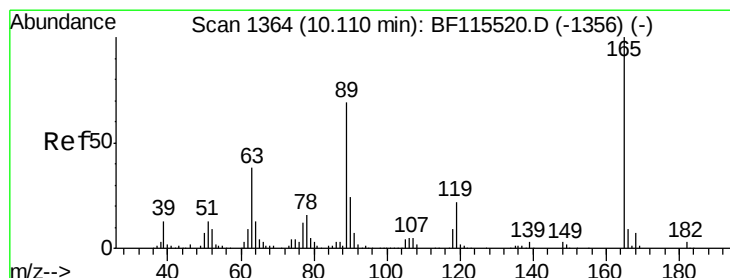
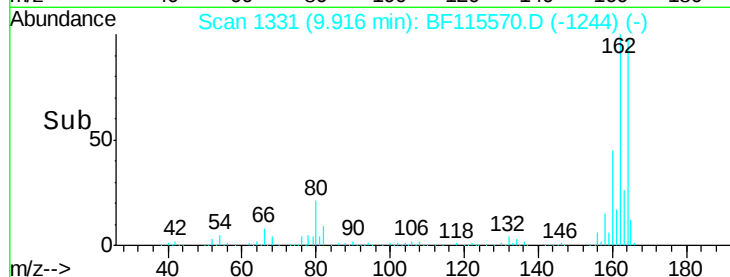
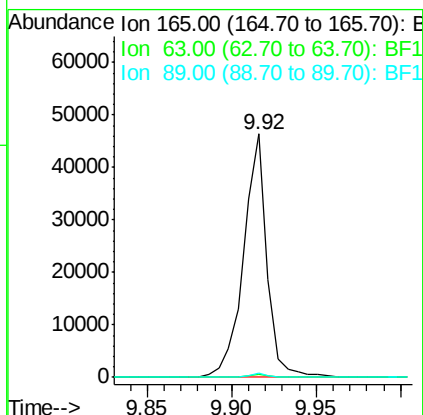
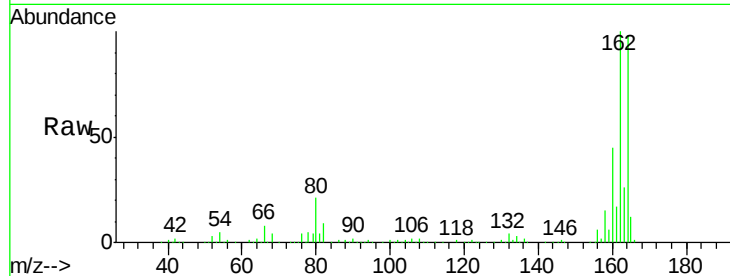




#51
 2,6-Dinitrotoluene
 Concen: 7.377 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. 0.21 min
 Lab File: BF115570.D
 Acq: 15 Jul 2019 21:27

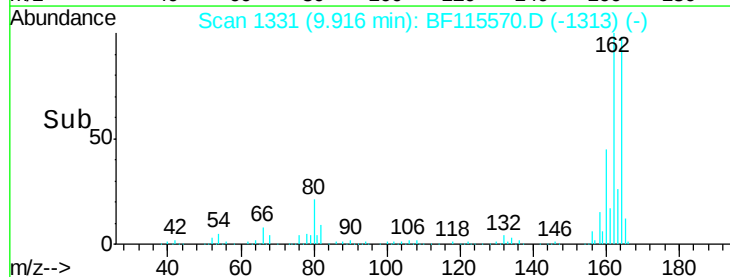
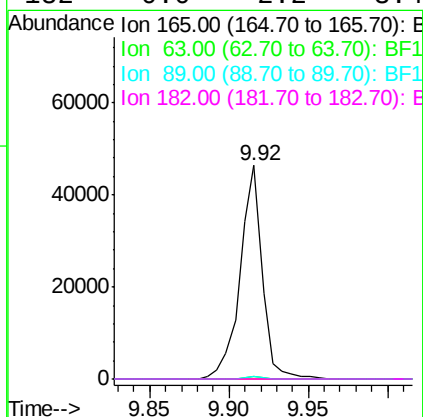
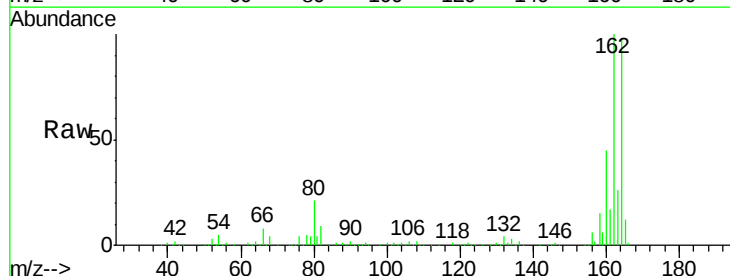
Instrument :
 BNA_F
 ClientSampleId :

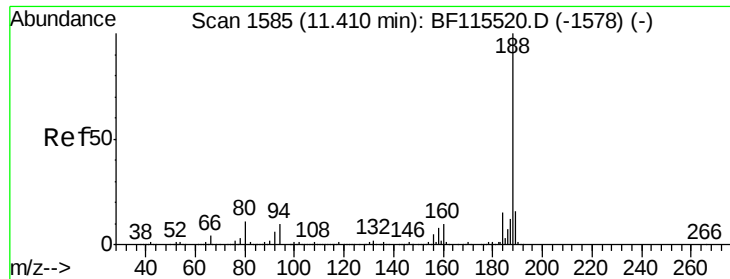
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.3	40.6	61.0#
89	1.5	43.9	65.9#



#57
 2,4-Dinitrotoluene
 Concen: 5.694 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.19 min
 Lab File: BF115570.D
 Acq: 15 Jul 2019 21:27

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	34.9	52.3#
89	1.5	57.5	86.3#
182	0.0	2.2	3.4#

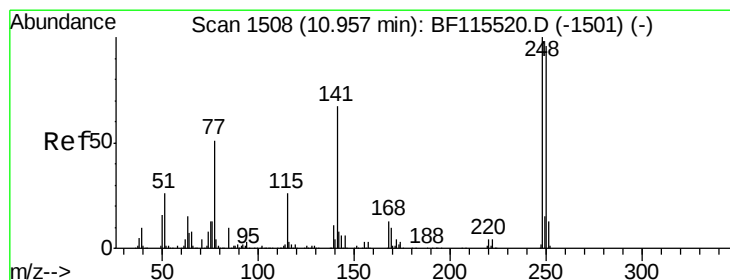
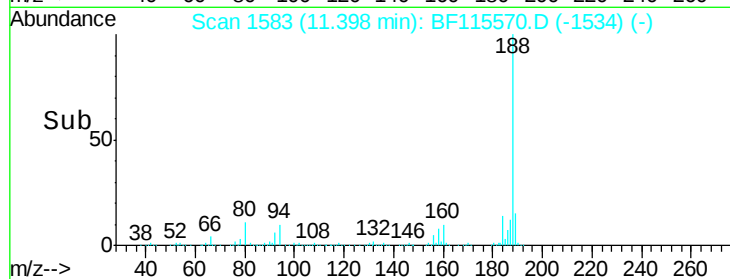
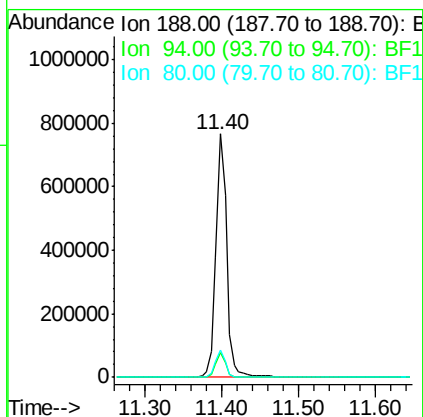
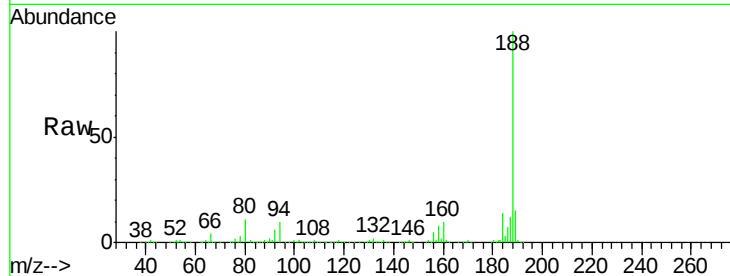




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF115570.D
Acq: 15 Jul 2019 21:27

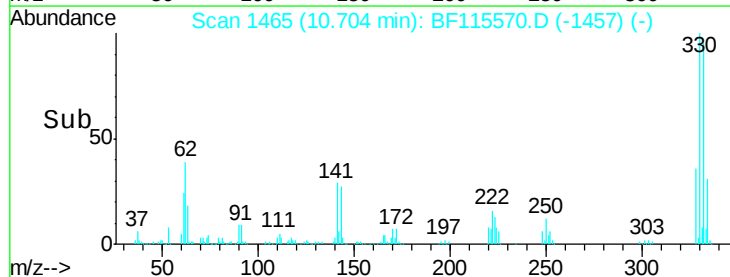
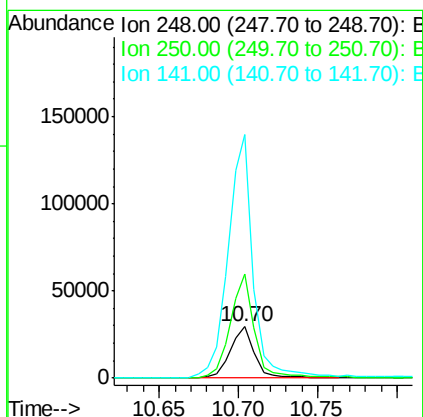
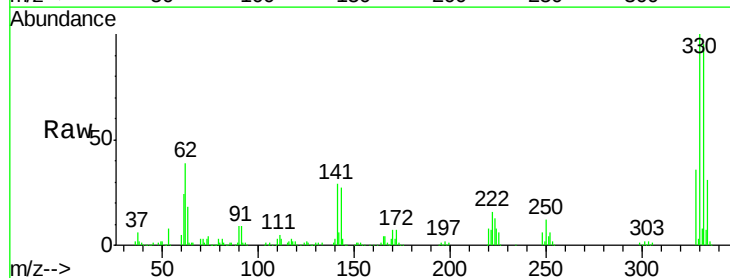
Instrument :
BNA_F
ClientSampleId :

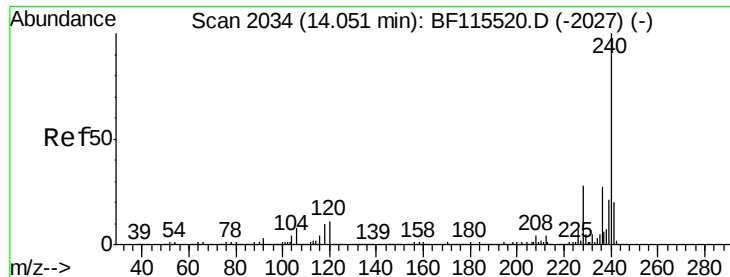
Tot Ion:188 Resp: 730092
Ion Ratio Lower Upper
188 100
94 10.3 7.8 11.6
80 11.4 8.6 13.0



#67
4-Bromophenyl-phenylether
Concen: 3.708 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.25 min
Lab File: BF115570.D
Acq: 15 Jul 2019 21:27

Tgt Ion:248 Resp: 30936
Ion Ratio Lower Upper
248 100
250 204.0 78.0 117.0#
141 477.2 57.7 86.5#

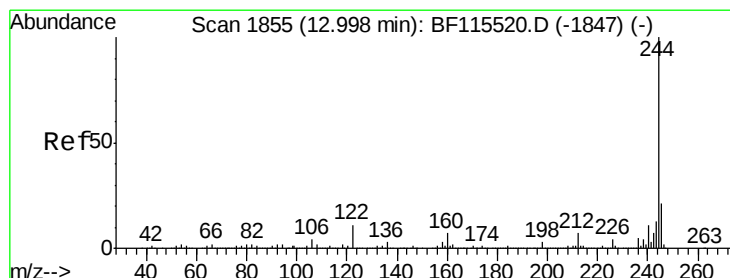
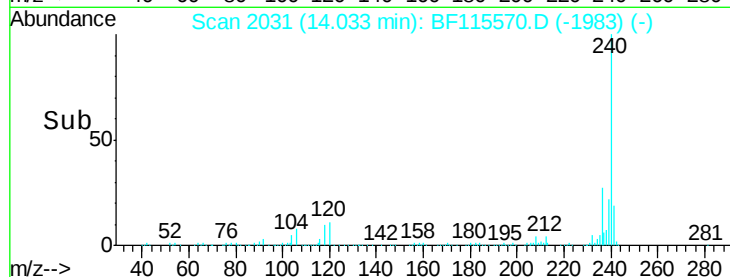
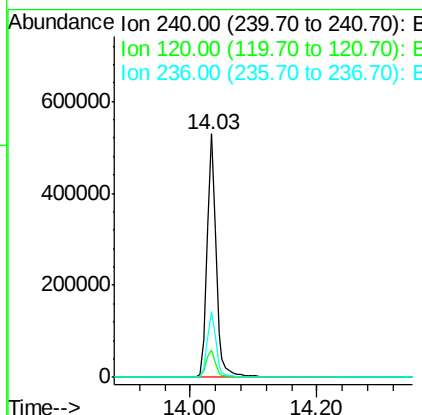
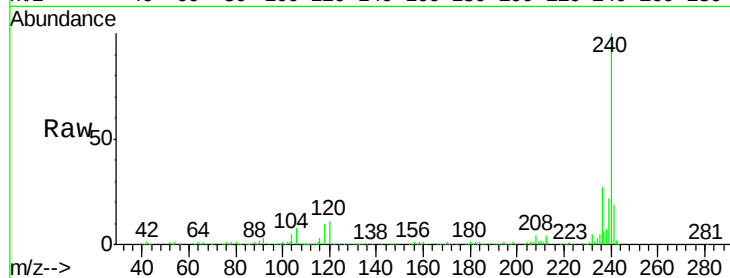




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. -0.02 min
 Lab File: BF115570.D
 Acq: 15 Jul 2019 21:27

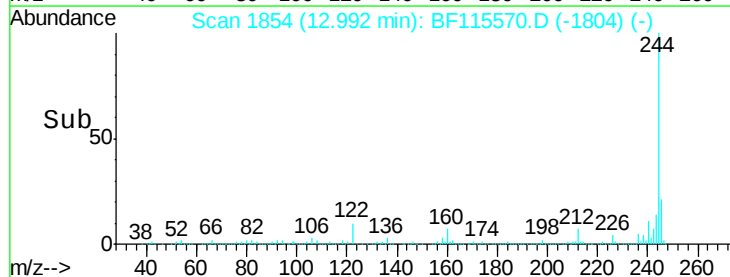
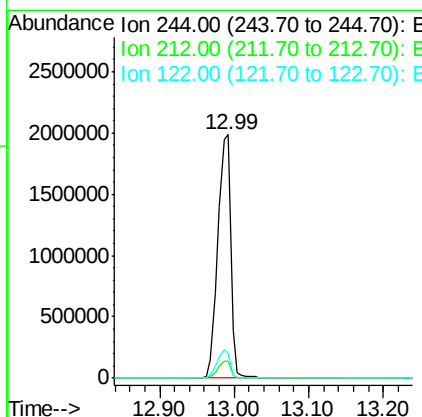
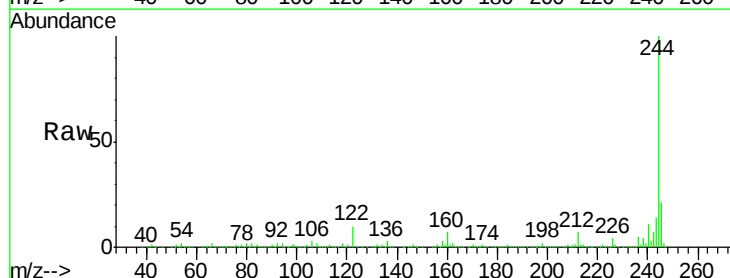
Instrument :
 BNA_F
 ClientSampleId :

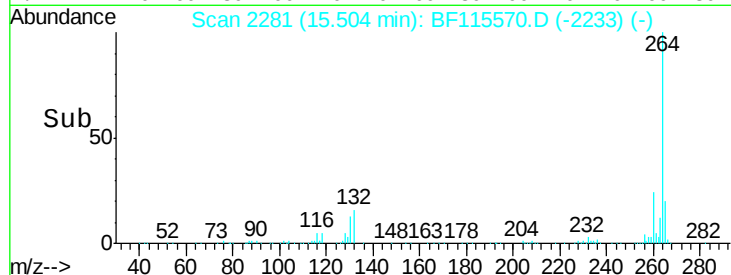
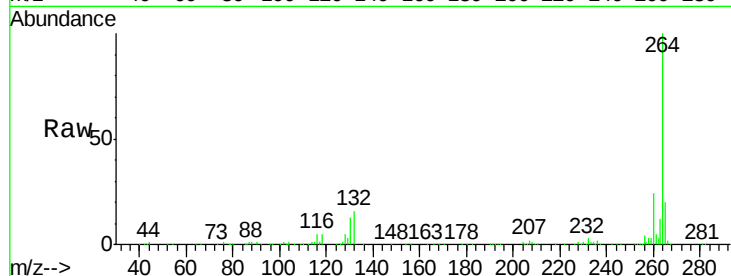
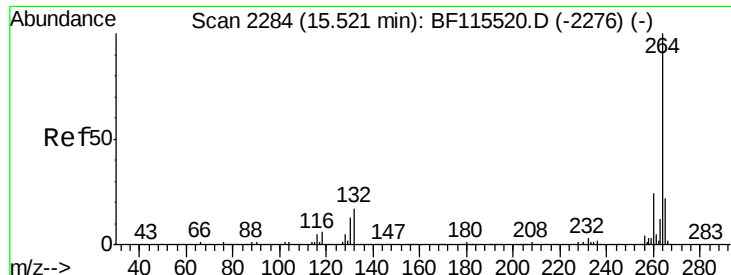
Tot Ion:240 Resp: 527340
 Ion Ratio Lower Upper
 240 100
 120 11.0 8.6 13.0
 236 27.2 21.3 31.9



#79
 Terphenyl-d14
 Concen: 83.308 ng
 RT: 12.99 min Scan# 1854
 Delta R.T. -0.01 min
 Lab File: BF115570.D
 Acq: 15 Jul 2019 21:27

Tgt Ion:244 Resp: 2380899
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 10.3 8.6 12.8





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.50 min Scan# 2281
 Delta R.T. -0.02 min
 Lab File: BF115570.D
 Acq: 15 Jul 2019 21:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:264	Resp:	468609
Ion Ratio	Lower	Upper
264	100	
260	23.7	19.8 29.8
265	20.3	17.7 26.5

