

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071719\
 Data File : BF115628.D
 Acq On : 17 Jul 2019 18:03
 Operator : HP/JU
 Sample : K3835-25
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-9(0-2)

Quant Time: Jul 18 04:46:37 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

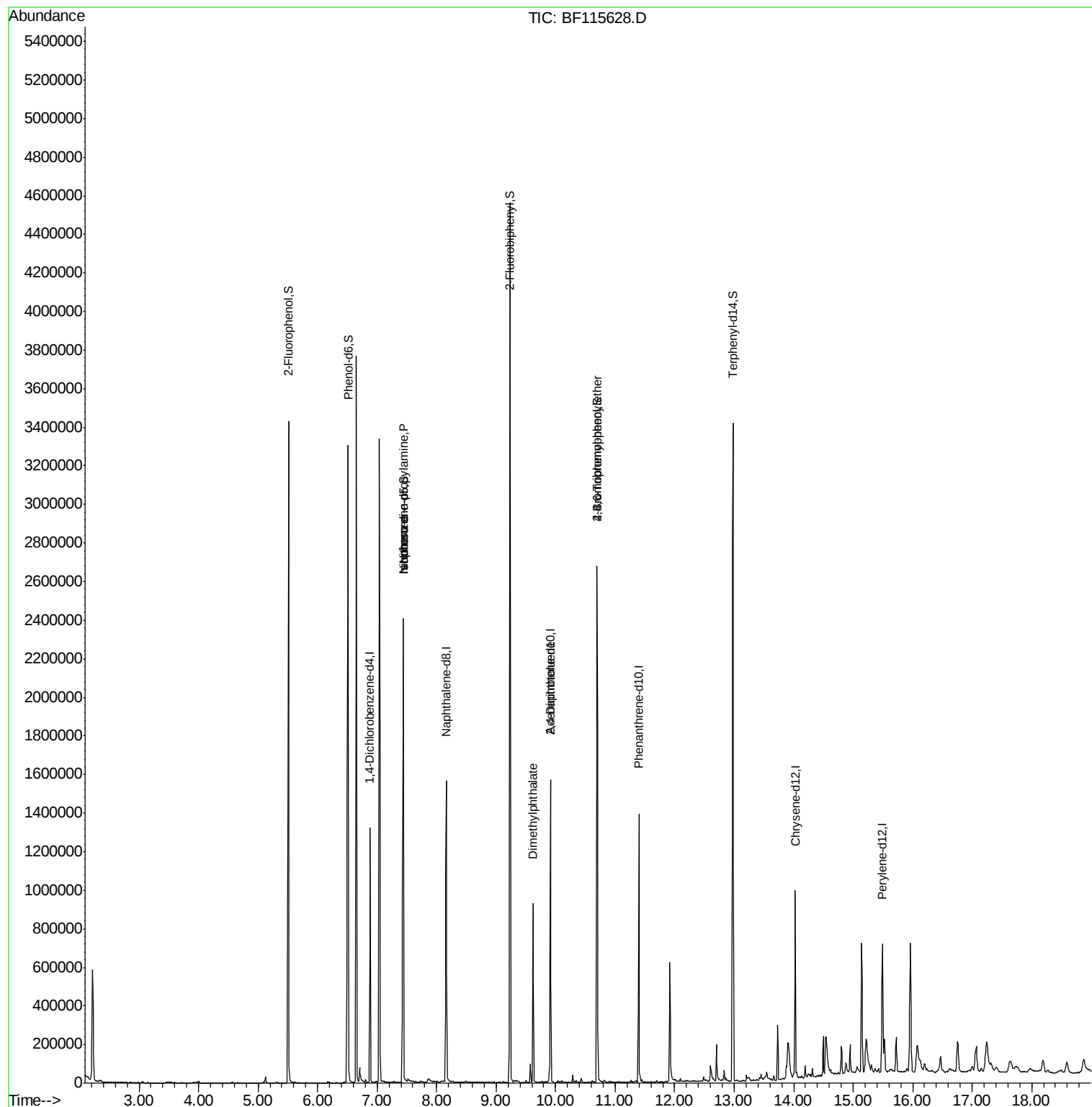
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	177085	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	690276	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	326736	20.00	ng	-0.01
64) Phenanthrene-d10	11.40	188	503557	20.00	ng	-0.01
76) Chrysene-d12	14.03	240	290047	20.00	ng	-0.02
87) Perylene-d12	15.49	264	300221	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	1014272	93.69	ng	0.00
7) Phenol-d6	6.51	99	1365926	99.43	ng	0.00
23) Nitrobenzene-d5	7.44	82	832285	70.11	ng	-0.01
42) 2,4,6-Tribromophenol	10.70	330	345234	90.52	ng	-0.02
45) 2-Fluorobiphenyl	9.23	172	1485345	79.57	ng	-0.02
79) Terphenyl-d14	12.98	244	1181231	75.15	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.44	70	111058	12.396	ng	# 78
25) Isophorone	7.44	82	820032	34.521	ng	# 64
50) Dimethylphthalate	9.62	163	342117	13.917	ng	99
57) 2,4-Dinitrotoluene	9.91	165	41686	5.760	ng	# 24
67) 4-Bromophenyl-phenylether	10.70	248	21784	3.786	ng	# 1

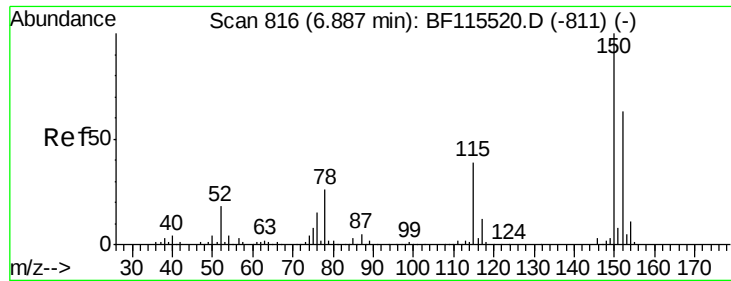
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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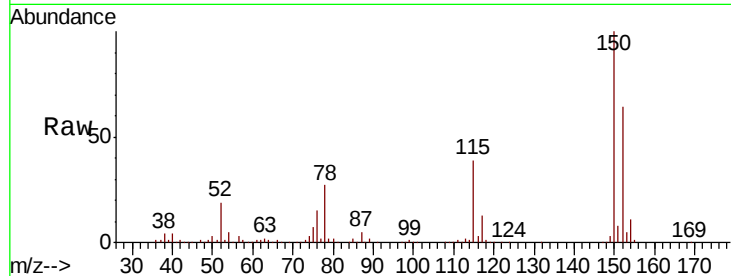


#1

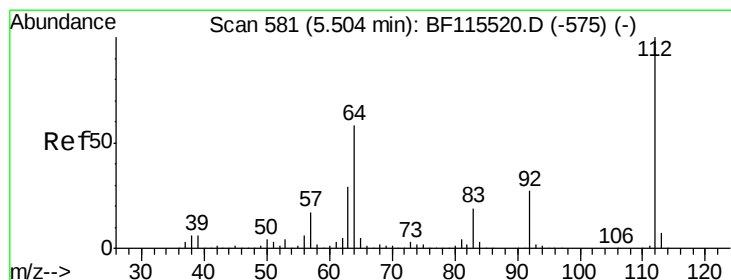
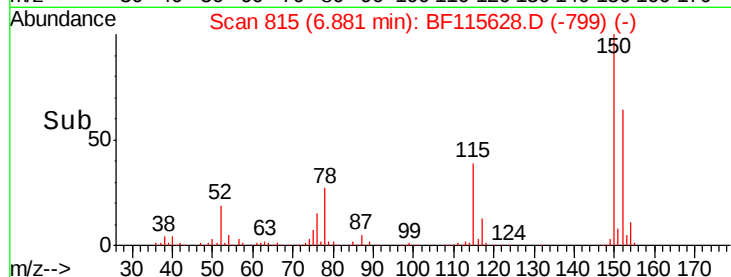
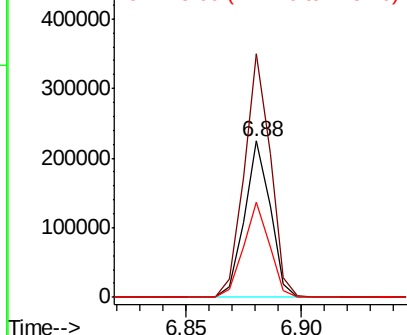
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF115628.D
Acq: 17 Jul 2019 18:03

Instrument :
BNA_F
ClientSampleId :
SB-9(0-2)

Tgt Ion:152 Resp: 177085
Ion Ratio Lower Upper
152 100
150 155.8 129.7 194.5
115 61.1 48.2 72.4



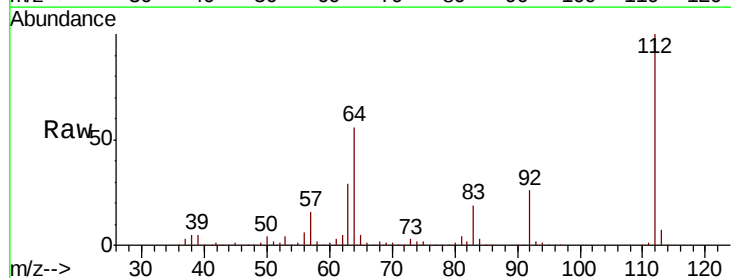
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



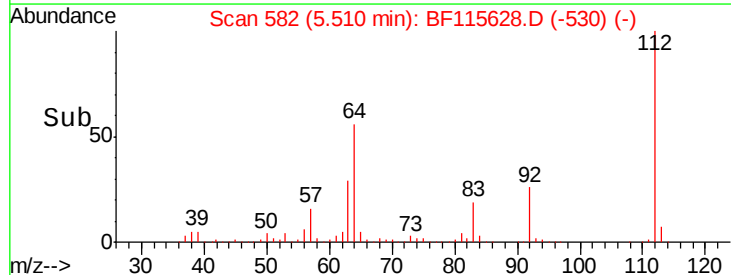
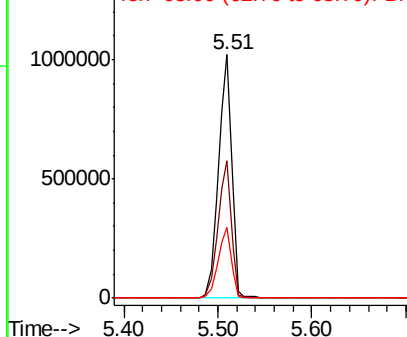
#5

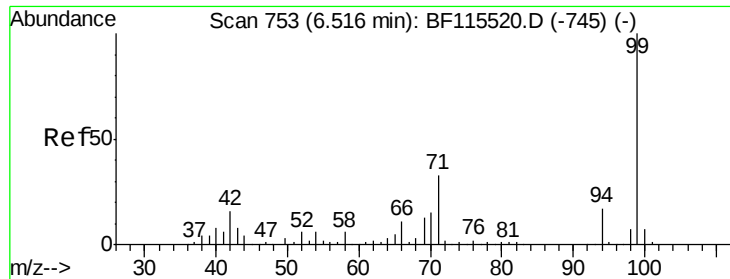
2-Fluorophenol
Concen: 93.687 ng
RT: 5.51 min Scan# 582
Delta R.T. 0.01 min
Lab File: BF115628.D
Acq: 17 Jul 2019 18:03

Tgt Ion:112 Resp: 1014272
Ion Ratio Lower Upper
112 100
64 56.5 46.8 70.2
63 28.9 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: 99.433 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF115628.D

Acq: 17 Jul 2019 18:03

Instrument :

BNA_F

ClientSampleId :

SB-9(0-2)

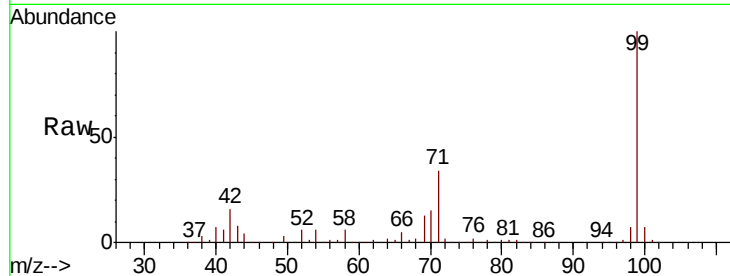
Tgt Ion: 99 Resp: 1365926

Ion Ratio Lower Upper

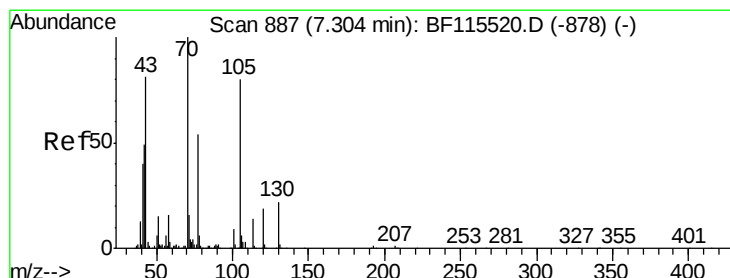
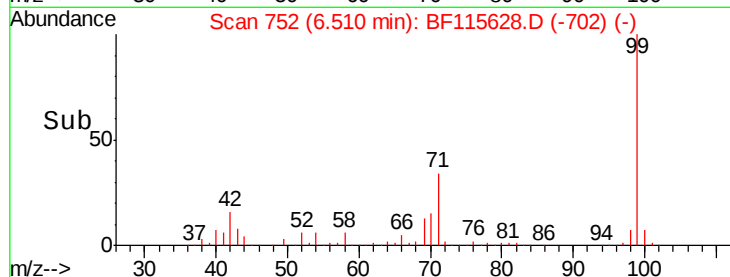
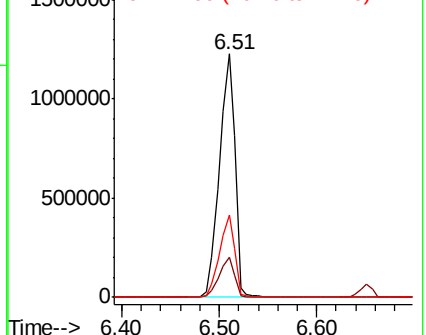
99 100

42 16.3 13.6 20.4

71 33.8 28.5 42.7



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: 12.396 ng

RT: 7.44 min Scan# 910

Delta R.T. 0.14 min

Lab File: BF115628.D

Acq: 17 Jul 2019 18:03

Tgt Ion: 70 Resp: 111058

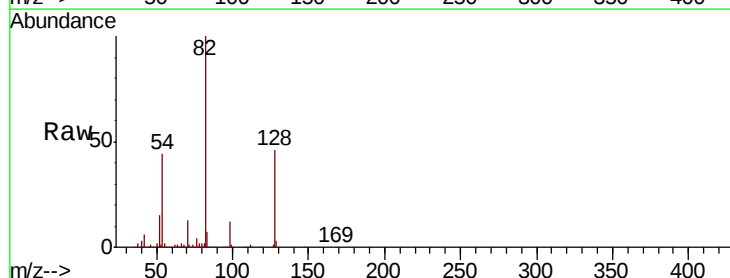
Ion Ratio Lower Upper

70 100

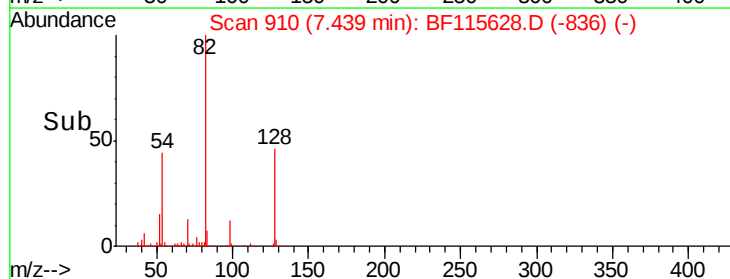
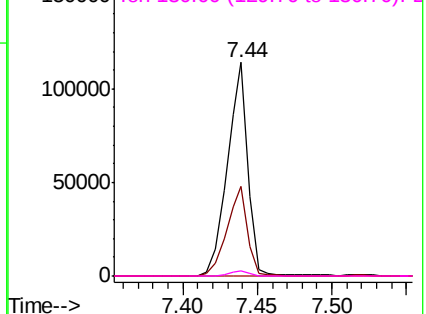
42 41.9 39.6 59.4

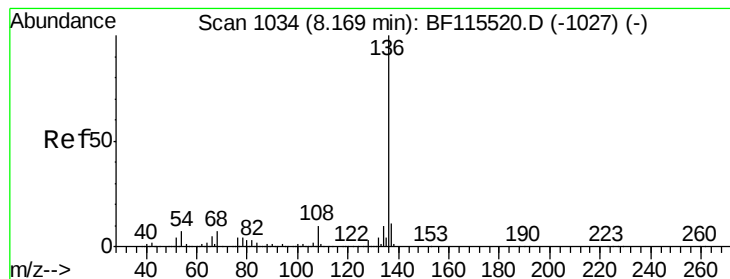
101 0.0 8.1 12.1#

130 2.5 18.2 27.2#



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): E
Ion 130.00 (129.70 to 130.70): E





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF115628.D

Acq: 17 Jul 2019 18:03

Instrument :

BNA_F

ClientSampleId :

SB-9(0-2)

Tgt Ion: 136 Resp: 690276

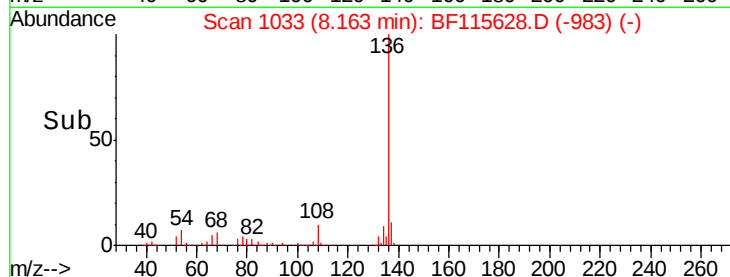
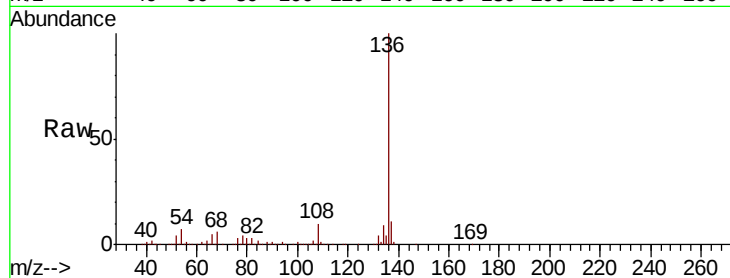
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.4

54 6.6 5.6 8.4

68 6.3 5.0 7.6

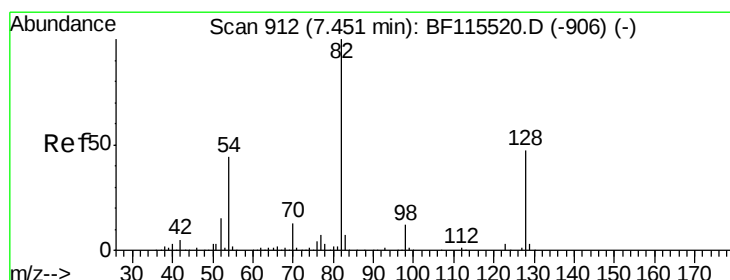
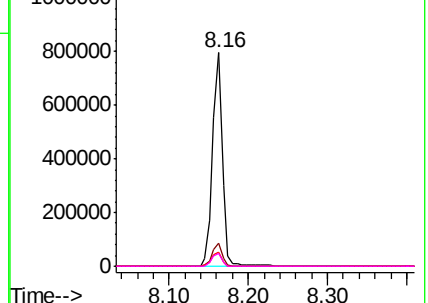


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#23

Nitrobenzene-d5

Concen: 70.109 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.01 min

Lab File: BF115628.D

Acq: 17 Jul 2019 18:03

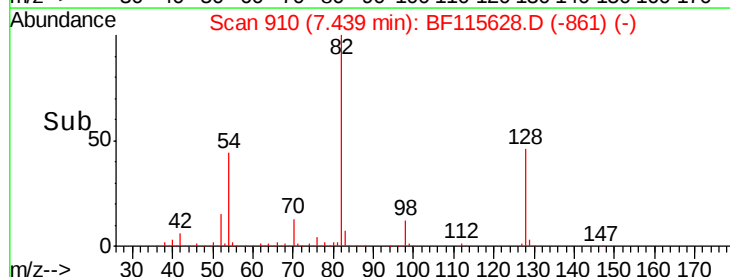
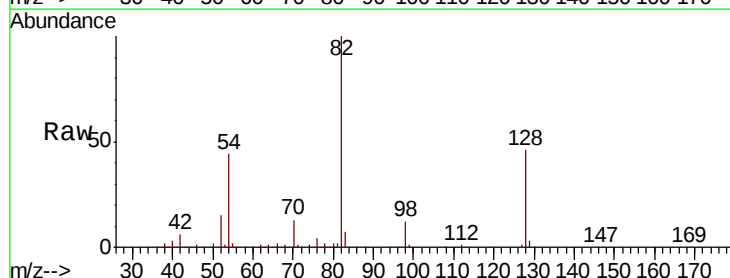
Tgt Ion: 82 Resp: 832285

Ion Ratio Lower Upper

82 100

128 46.3 38.6 57.8

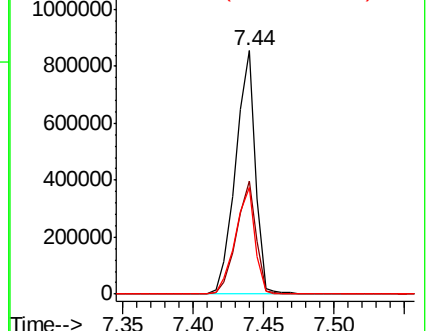
54 43.7 35.6 53.4

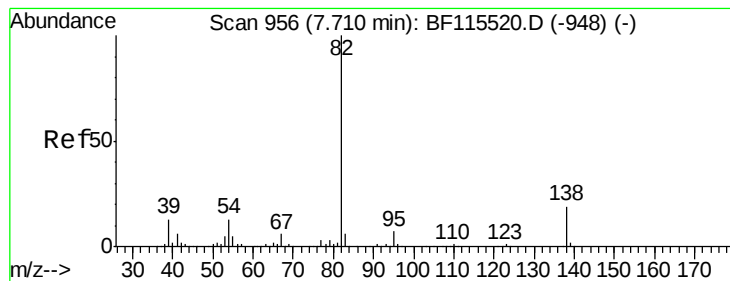


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 34.521 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.27 min

Lab File: BF115628.D

Acq: 17 Jul 2019 18:03

Instrument :

BNA_F

ClientSampled :

SB-9(0-2)

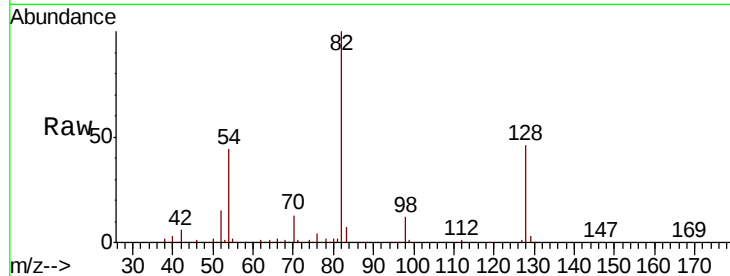
Tgt Ion: 82 Resp: 820032

Ion Ratio Lower Upper

82 100

95 0.0 5.5 8.3#

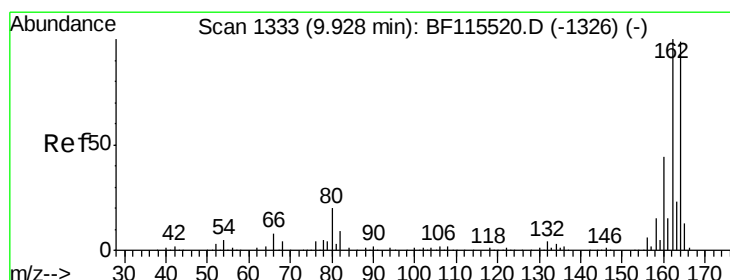
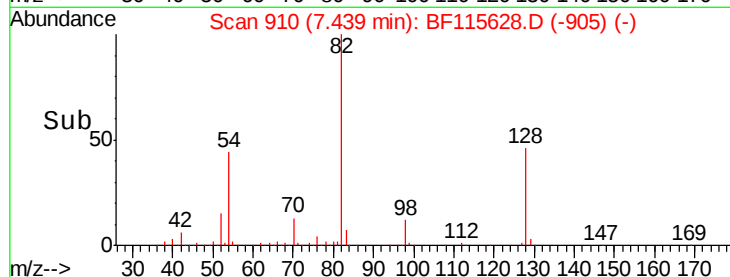
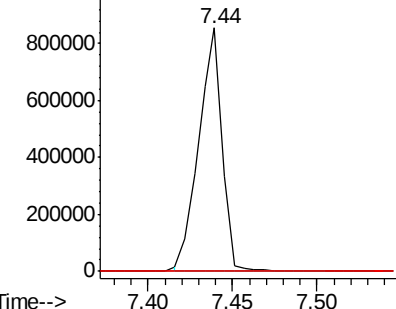
138 0.0 14.9 22.3#



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): E



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.92 min Scan# 1331

Delta R.T. -0.01 min

Lab File: BF115628.D

Acq: 17 Jul 2019 18:03

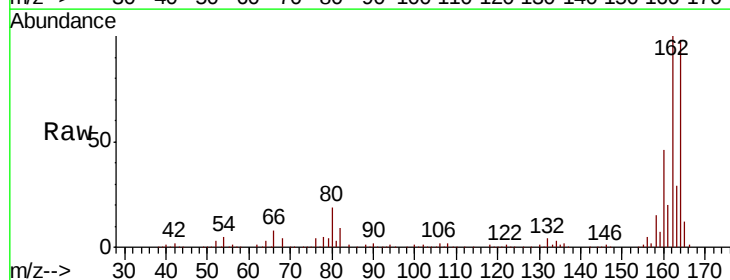
Tgt Ion: 164 Resp: 326736

Ion Ratio Lower Upper

164 100

162 102.4 82.9 124.3

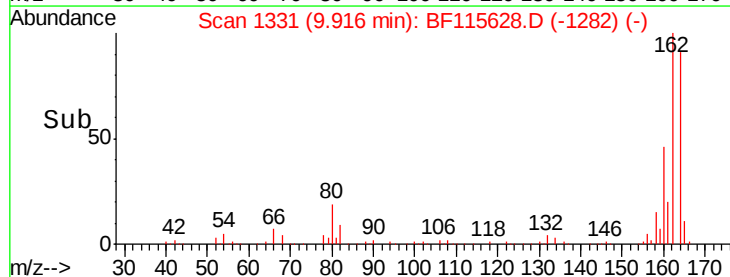
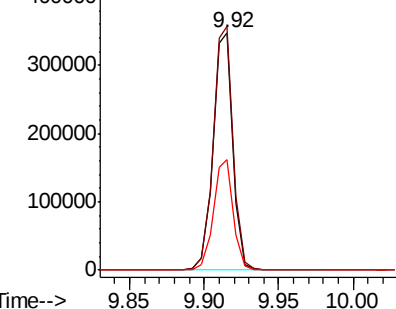
160 46.8 36.8 55.2

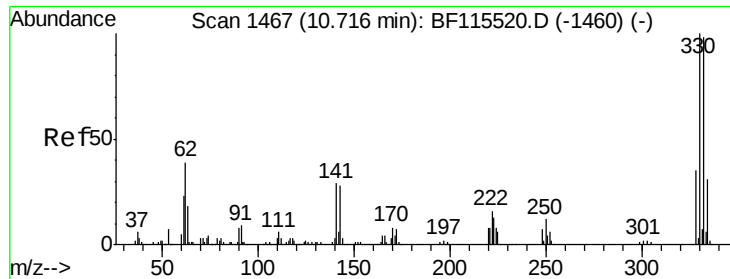


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

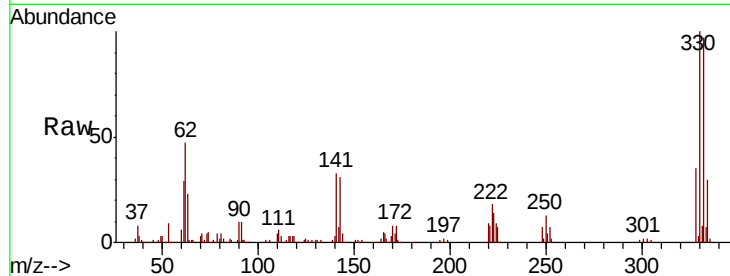




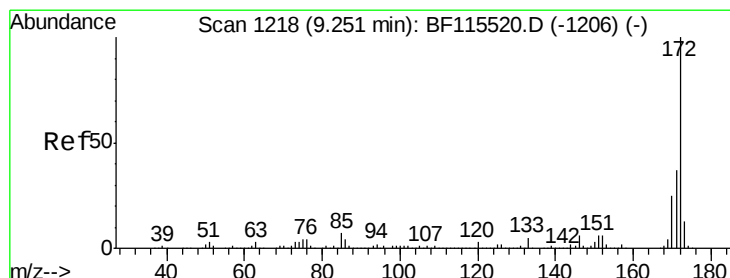
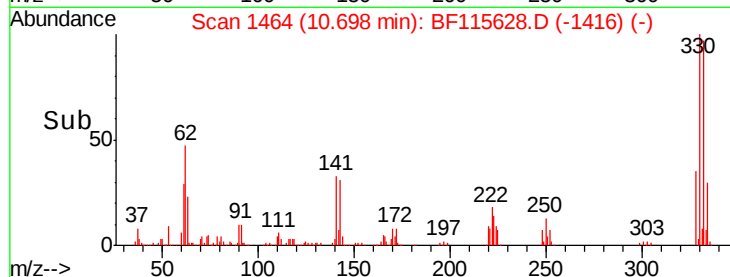
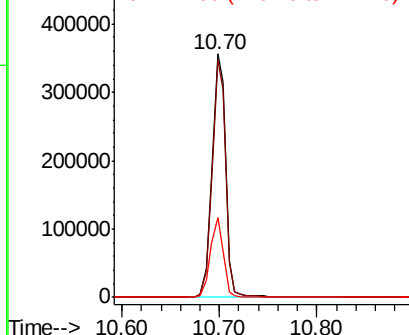
#42
 2,4,6-Tribromophenol
 Concen: 90.522 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.02 min
 Lab File: BF115628.D
 Acq: 17 Jul 2019 18:03

Instrument :
 BNA_F
 ClientSampleId :
 SB-9(0-2)

Tgt Ion:330 Resp: 345234
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.4 116.2
 141 31.4 22.4 33.6

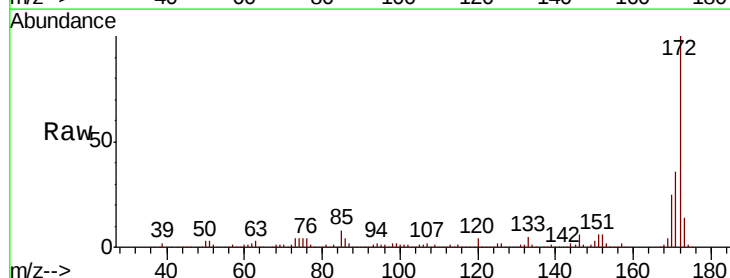


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

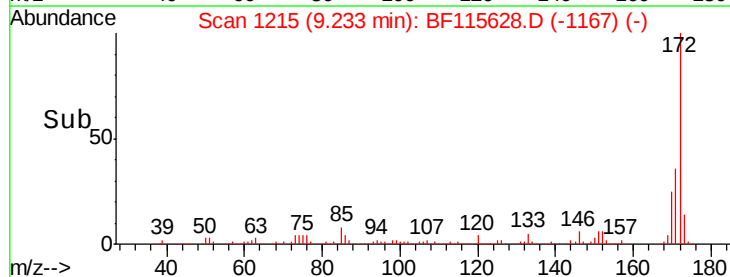
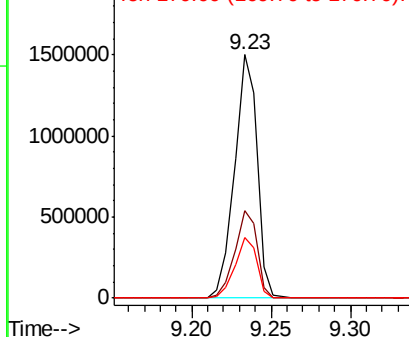


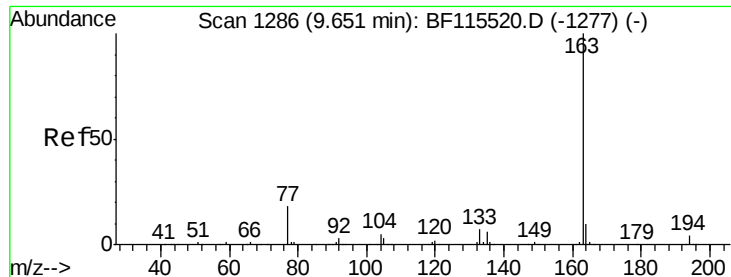
#45
 2-Fluorobiphenyl
 Concen: 79.568 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.02 min
 Lab File: BF115628.D
 Acq: 17 Jul 2019 18:03

Tgt Ion:172 Resp: 1485345
 Ion Ratio Lower Upper
 172 100
 171 35.9 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

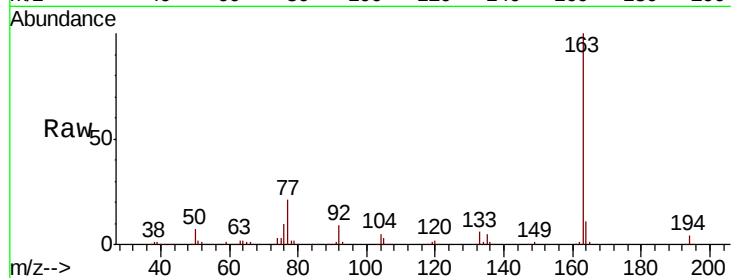




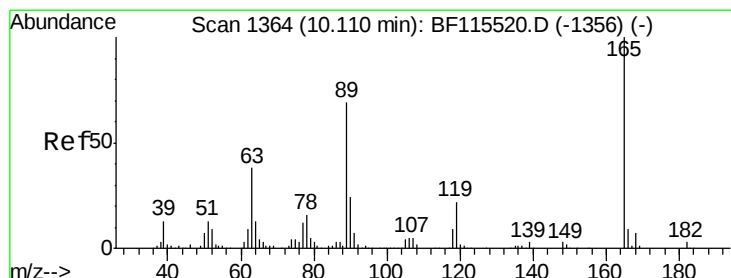
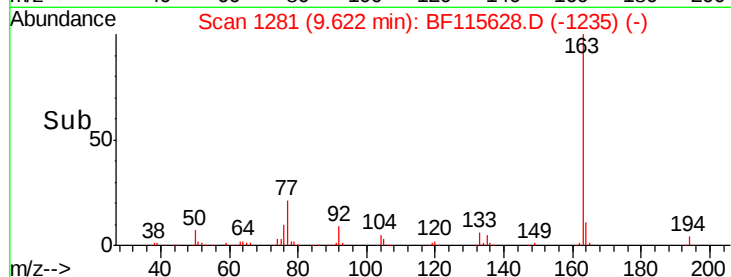
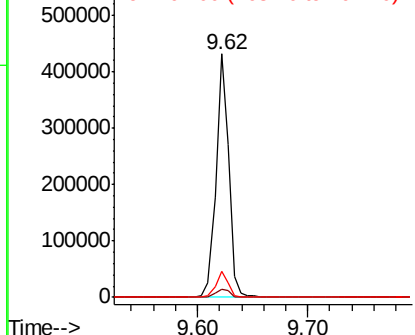
#50
Dimethylphthalate
Concen: 13.917 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.03 min
Lab File: BF115628.D
Acq: 17 Jul 2019 18:03

Instrument :
BNA_F
ClientSampleId :
SB-9(0-2)

Tgt Ion:163 Resp: 342117
Ion Ratio Lower Upper
163 100
194 3.5 3.3 4.9
164 10.5 8.7 13.1

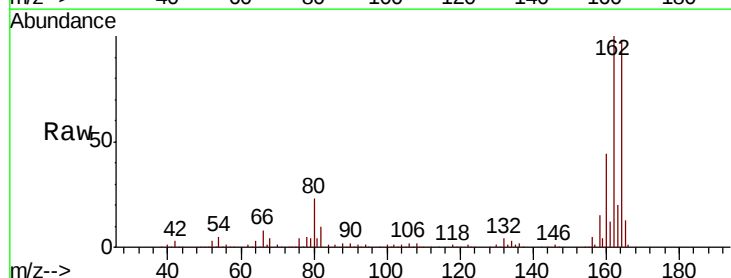


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

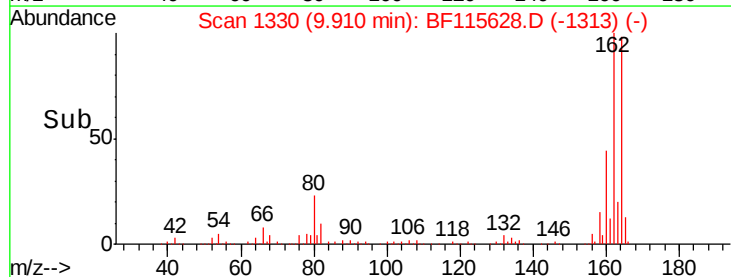
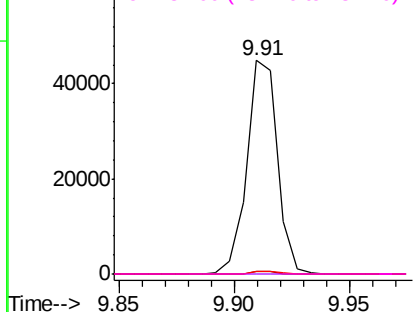


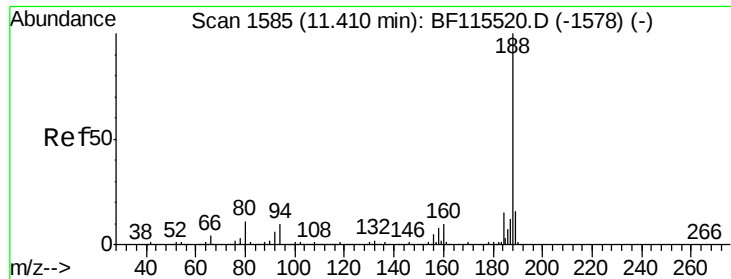
#57
2,4-Dinitrotoluene
Concen: 5.760 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.20 min
Lab File: BF115628.D
Acq: 17 Jul 2019 18:03

Tgt Ion:165 Resp: 41686
Ion Ratio Lower Upper
165 100
63 1.0 34.9 52.3#
89 1.2 57.5 86.3#
182 0.0 2.2 3.4#



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

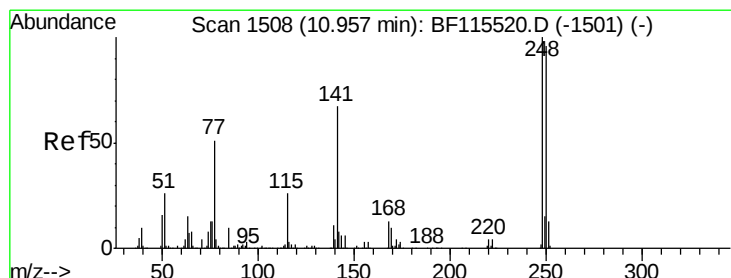
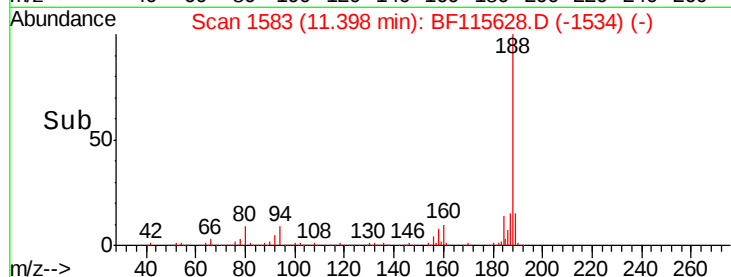
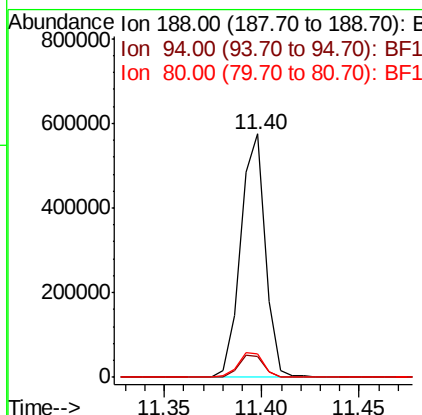
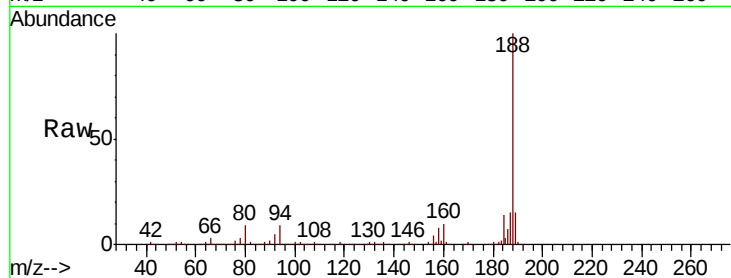




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF115628.D
Acq: 17 Jul 2019 18:03

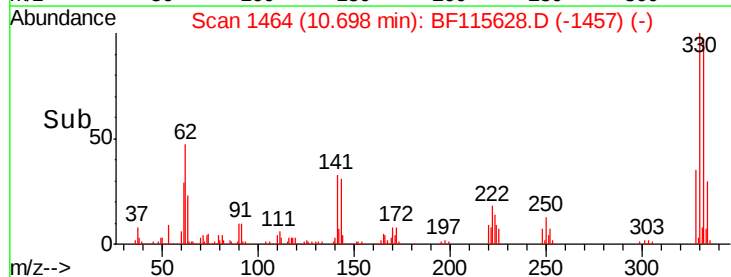
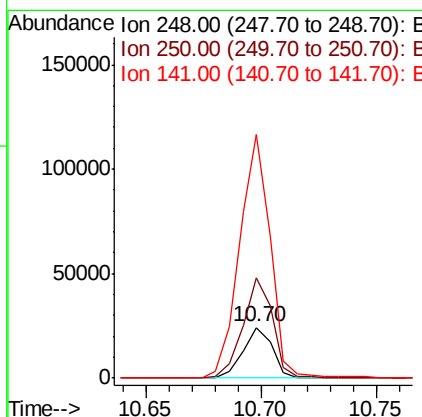
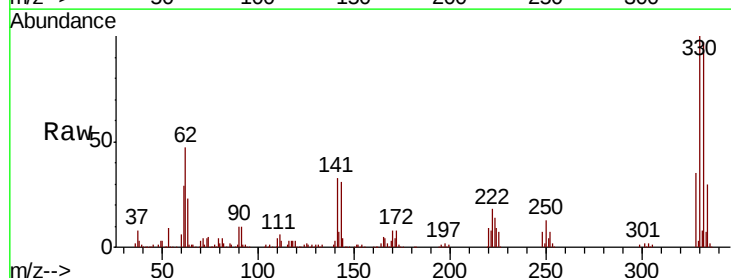
Instrument :
BNA_F
ClientSampleId :
SB-9(0-2)

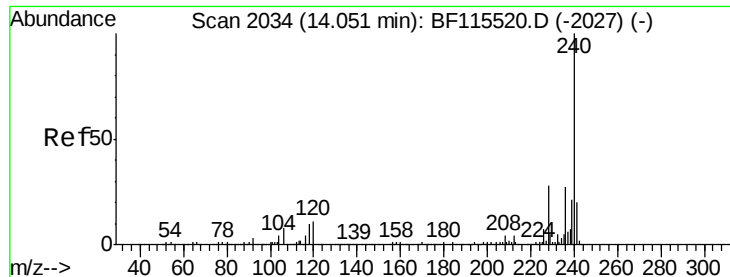
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.7	7.8	11.6
80	9.4	8.6	13.0



#67
4-Bromophenyl-phenylether
Concen: 3.786 ng
RT: 10.70 min Scan# 1464
Delta R.T. -0.26 min
Lab File: BF115628.D
Acq: 17 Jul 2019 18:03

Tgt Ion	Ratio	Lower	Upper
248	100		
250	198.4	78.0	117.0#
141	482.2	57.7	86.5#

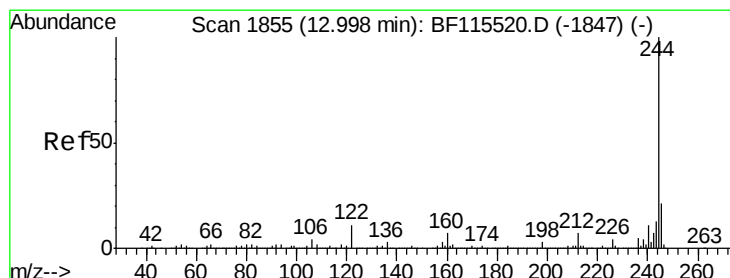
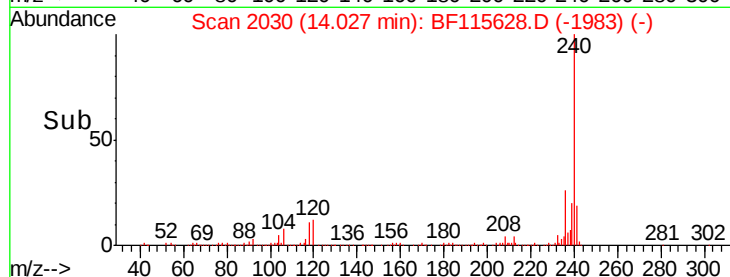
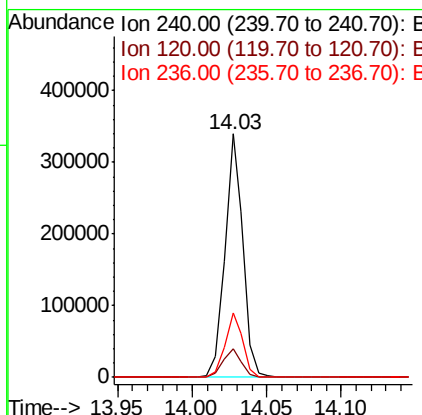
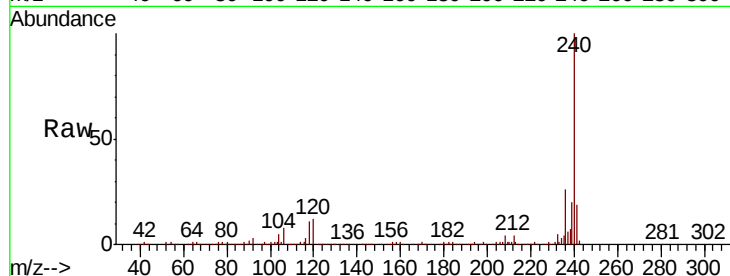




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.02 min
Lab File: BF115628.D
Acq: 17 Jul 2019 18:03

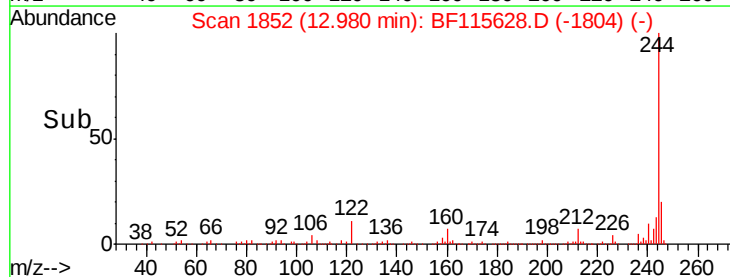
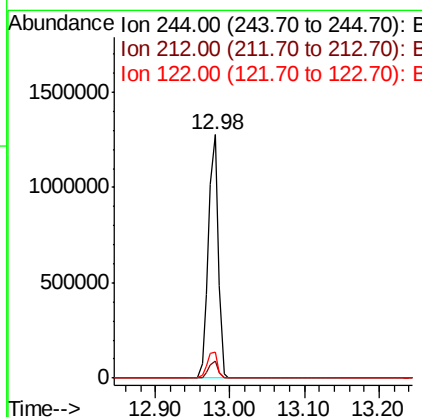
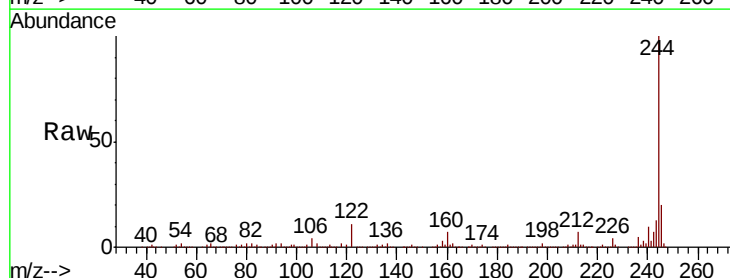
Instrument :
BNA_F
ClientSampleId :
SB-9(0-2)

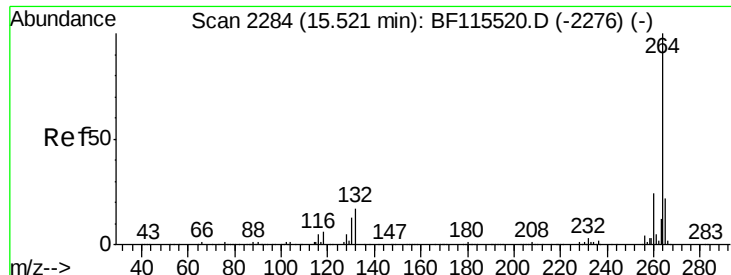
Tgt Ion:240 Resp: 290047
Ion Ratio Lower Upper
240 100
120 11.7 8.6 13.0
236 26.3 21.3 31.9



#79
Terphenyl-d14
Concen: 75.145 ng
RT: 12.98 min Scan# 1852
Delta R.T. -0.02 min
Lab File: BF115628.D
Acq: 17 Jul 2019 18:03

Tgt Ion:244 Resp: 1181231
Ion Ratio Lower Upper
244 100
212 6.9 6.0 9.0
122 10.7 8.6 12.8

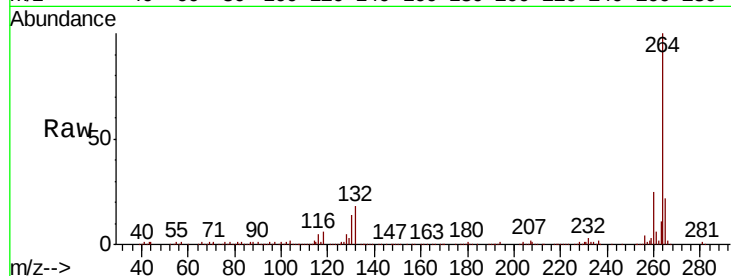




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2279
Delta R.T. -0.03 min
Lab File: BF115628.D
Acq: 17 Jul 2019 18:03

Instrument :
BNA_F
ClientSampleId :
SB-9(0-2)

Tgt Ion:	264	Resp:	300221
Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.8	29.8
265	22.1	17.7	26.5



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

