

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082019\
 Data File : BF116431.D
 Acq On : 20 Aug 2019 13:32
 Operator : HP/JU
 Sample : PB122210BL
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB122210BL

Quant Time: Aug 20 15:11:23 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 19 06:03:31 2019
 Response via : Initial Calibration

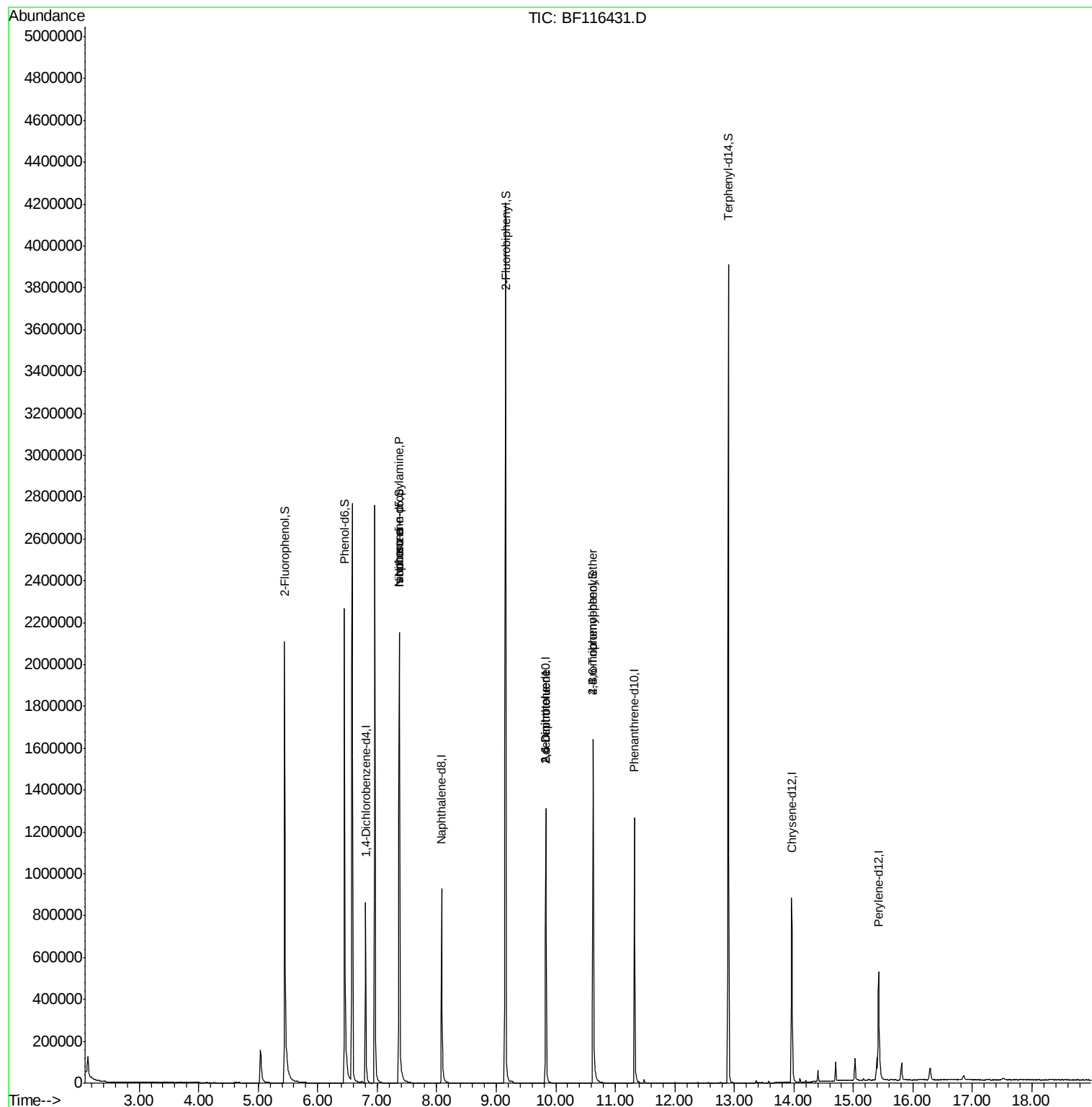
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	133817	20.00	ng	-0.01
21) Naphthalene-d8	8.08	136	513894	20.00	ng	-0.02
39) Acenaphthene-d10	9.83	164	267510	20.00	ng	-0.02
64) Phenanthrene-d10	11.32	188	475713	20.00	ng	-0.02
76) Chrysene-d12	13.96	240	333886	20.00	ng	-0.02
87) Perylene-d12	15.42	264	305534	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	756334	94.62	ng	0.00
7) Phenol-d6	6.45	99	940268	93.23	ng	-0.01
23) Nitrobenzene-d5	7.37	82	859647	96.56	ng	-0.02
42) 2,4,6-Tribromophenol	10.63	330	239411	92.31	ng	-0.02
45) 2-Fluorobiphenyl	9.16	172	1415493	99.11	ng	-0.01
79) Terphenyl-d14	12.90	244	1461985	92.27	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.37	70	113500	18.161	ng	# 80
25) Isophorone	7.37	82	860720	50.561	ng	# 65
51) 2,6-Dinitrotoluene	9.83	165	34416	8.695	ng	# 28
57) 2,4-Dinitrotoluene	9.83	165	34416	6.530	ng	# 20
67) 4-Bromophenyl-phenylether	10.63	248	14526	2.852	ng	# 1

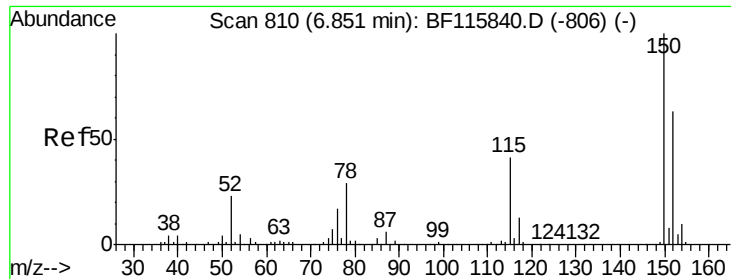
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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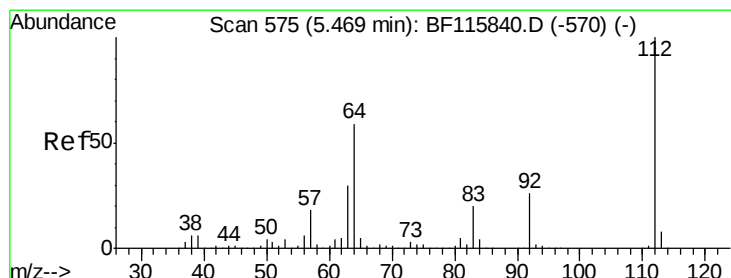
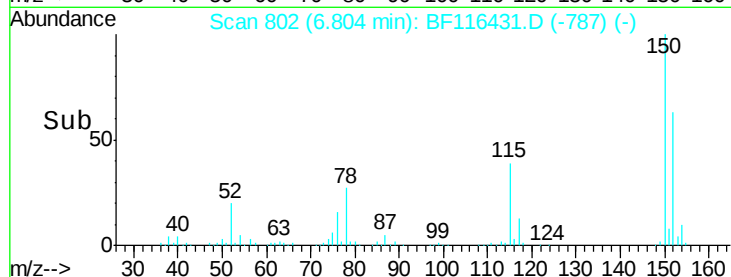
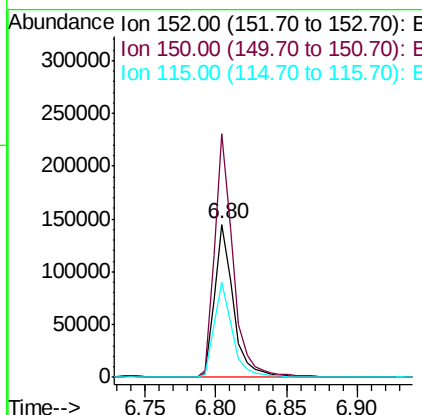
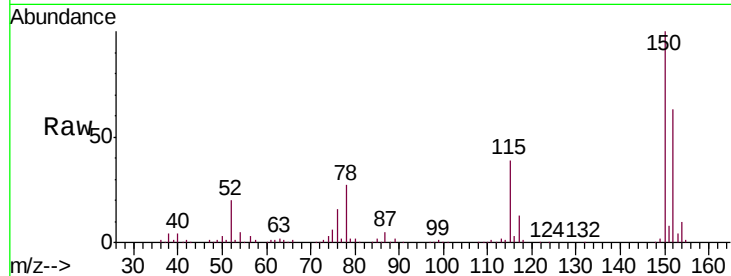




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.80 min Scan# 802
 Delta R.T. -0.01 min
 Lab File: BF116431.D
 Acq: 20 Aug 2019 13:32

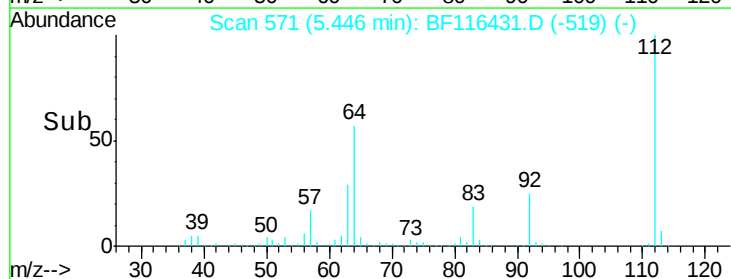
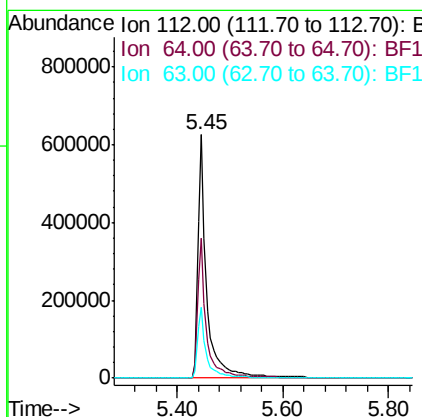
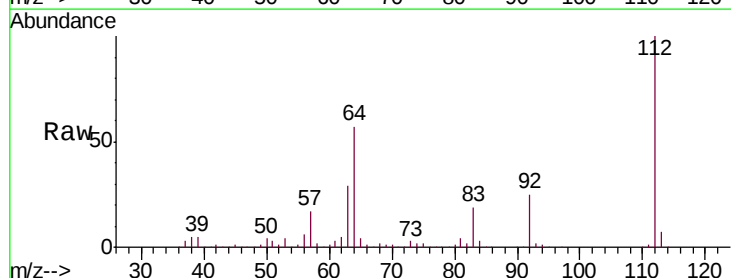
Instrument :
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 ClientSampleId :
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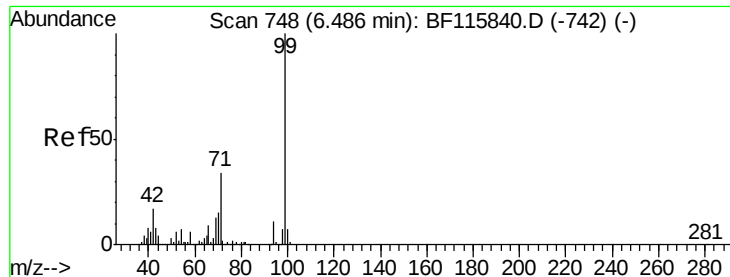
Tgt Ion:152 Resp: 133817
 Ion Ratio Lower Upper
 152 100
 150 159.2 126.2 189.2
 115 62.0 49.9 74.9



#5
 2-Fluorophenol
 Concen: 94.618 ng
 RT: 5.45 min Scan# 571
 Delta R.T. 0.01 min
 Lab File: BF116431.D
 Acq: 20 Aug 2019 13:32

Tgt Ion:112 Resp: 756334
 Ion Ratio Lower Upper
 112 100
 64 57.3 45.4 68.2
 63 29.3 23.7 35.5





#7

Phenol-d6

Concen: 93.232 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF116431.D

Acq: 20 Aug 2019 13:32

Instrument :

BNA_F

ClientSampleId :

PB122210BL

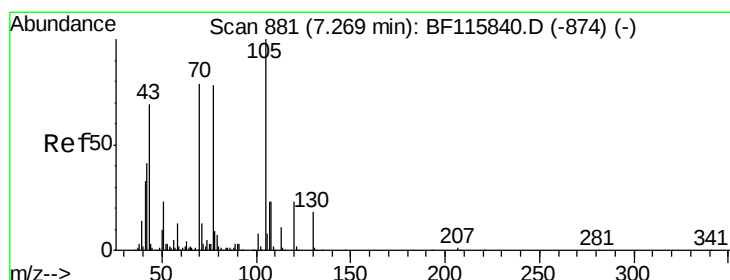
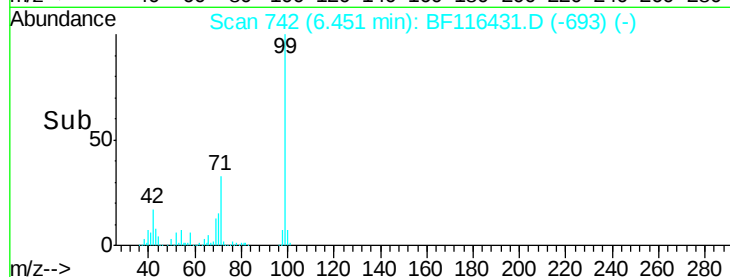
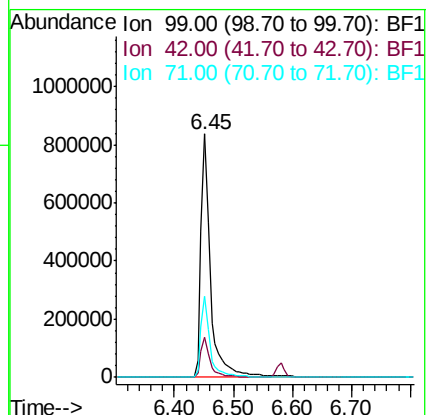
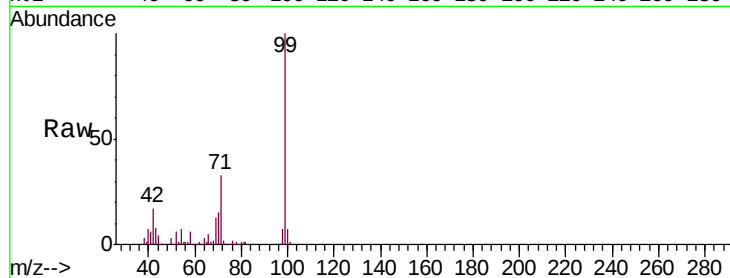
Tgt Ion: 99 Resp: 940268

Ion Ratio Lower Upper

99 100

42 16.7 13.8 20.8

71 33.4 27.3 40.9



#19

n-Nitroso-di-n-propylamine

Concen: 18.161 ng

RT: 7.37 min Scan# 898

Delta R.T. 0.14 min

Lab File: BF116431.D

Acq: 20 Aug 2019 13:32

Tgt Ion: 70 Resp: 113500

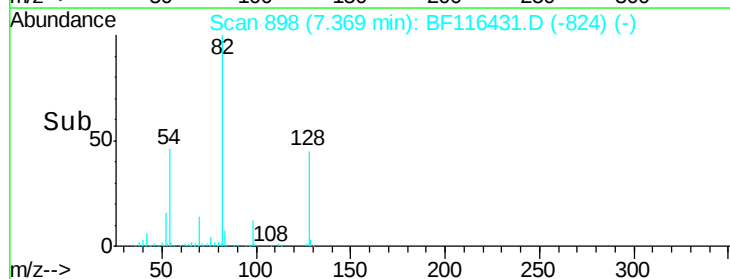
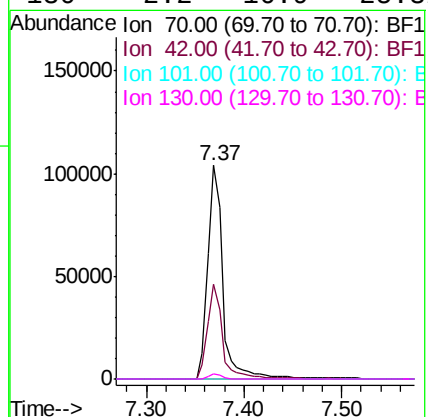
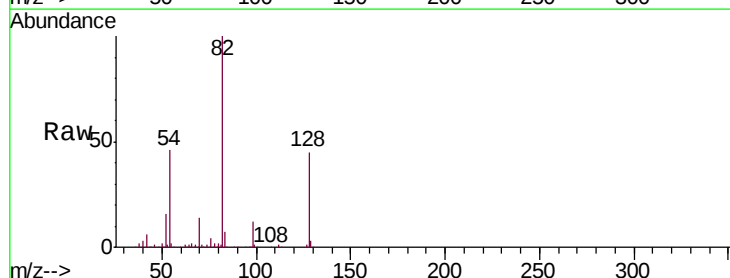
Ion Ratio Lower Upper

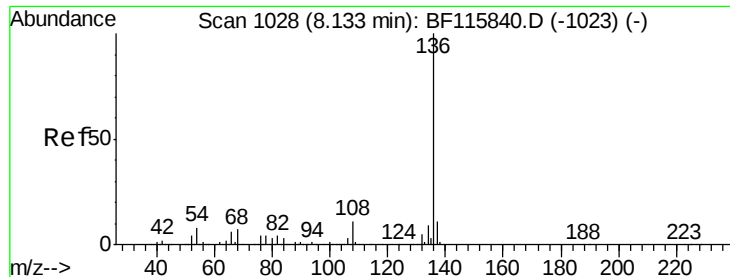
70 100

42 44.2 40.9 61.3

101 0.0 7.9 11.9#

130 2.2 16.9 25.3#

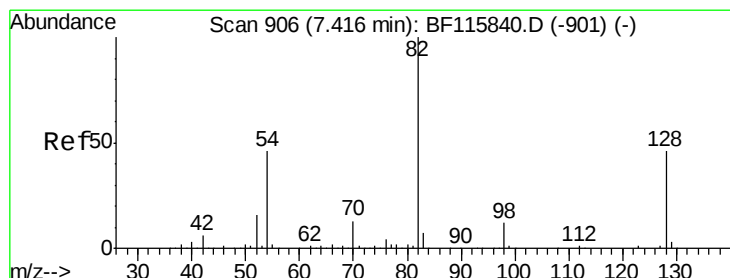
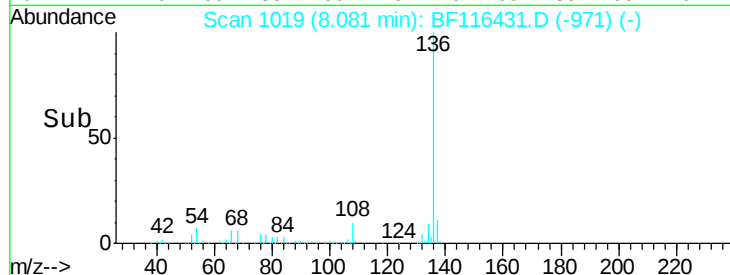
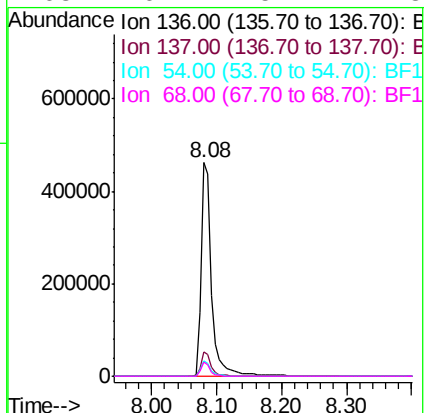
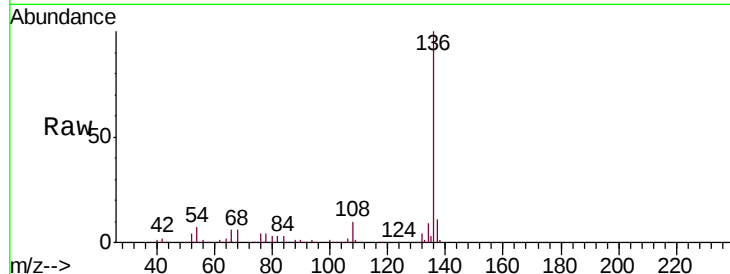




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.02 min
Lab File: BF116431.D
Acq: 20 Aug 2019 13:32

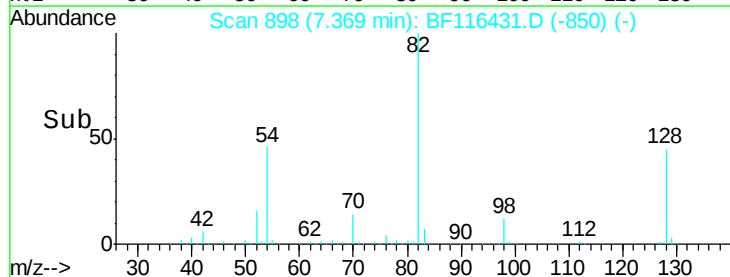
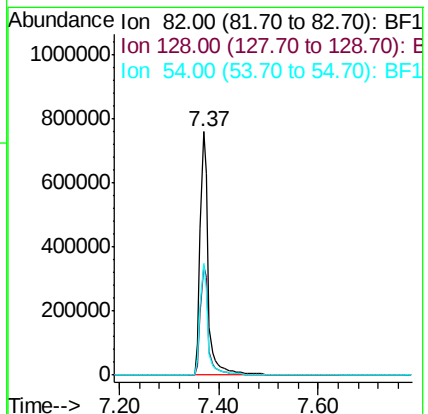
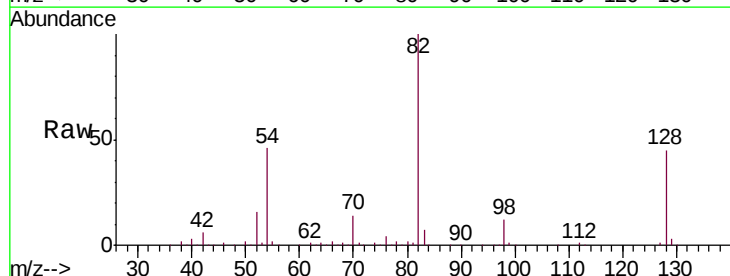
Instrument :
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ClientSampleId :
PB122210BL

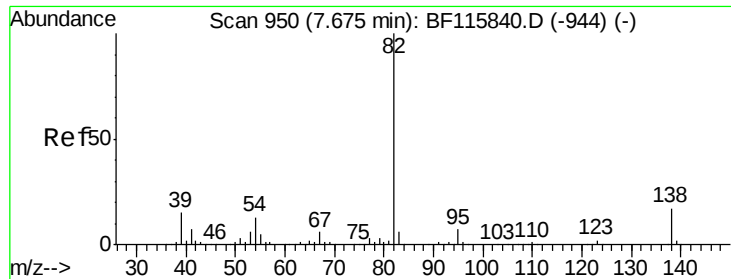
Tgt Ion:	136	Resp:	513894
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.4
54	7.3	5.8	8.6
68	6.4	5.2	7.8



#23
Nitrobenzene-d5
Concen: 96.560 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.02 min
Lab File: BF116431.D
Acq: 20 Aug 2019 13:32

Tgt Ion:	82	Resp:	859647
Ion	Ratio	Lower	Upper
82	100		
128	45.0	36.5	54.7
54	46.0	36.0	54.0





#25

Isophorone

Concen: 50.561 ng

RT: 7.37 min Scan# 898

Delta R.T. -0.27 min

Lab File: BF116431.D

Acq: 20 Aug 2019 13:32

Instrument :

BNA_F

ClientSampleId :

PB122210BL

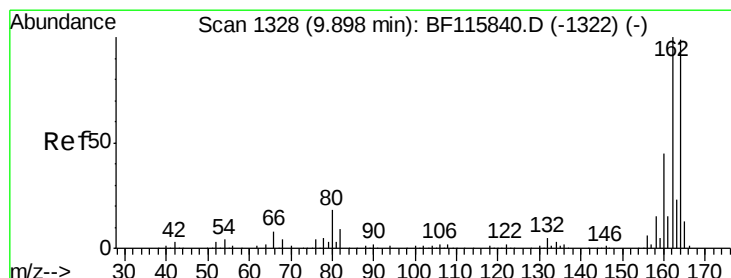
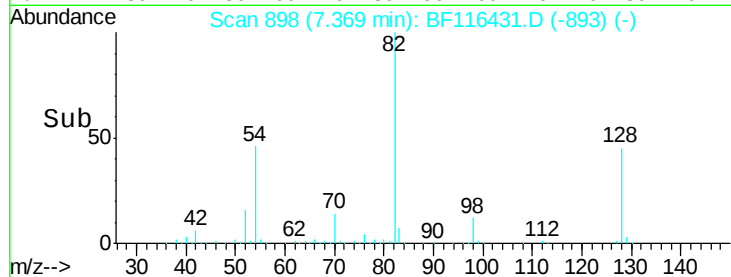
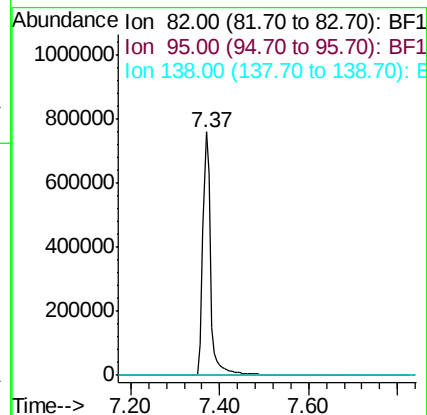
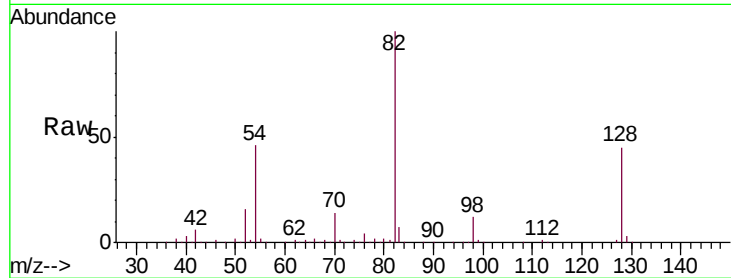
Tgt Ion: 82 Resp: 860720

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: 9.83 min Scan# 1317

Delta R.T. -0.02 min

Lab File: BF116431.D

Acq: 20 Aug 2019 13:32

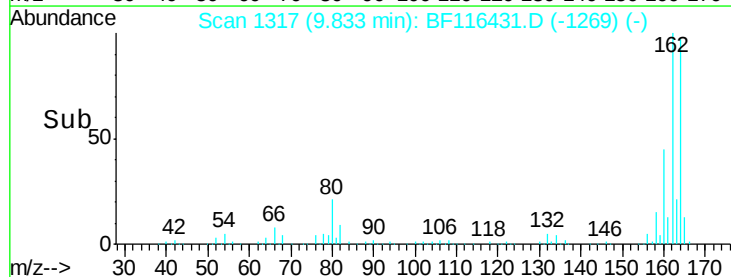
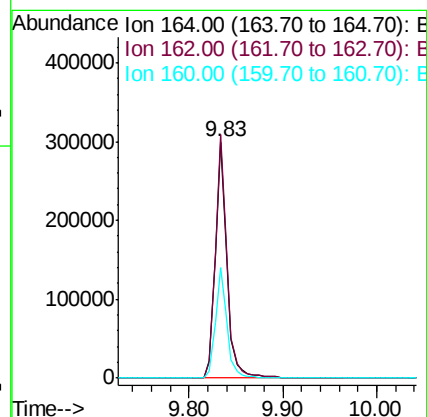
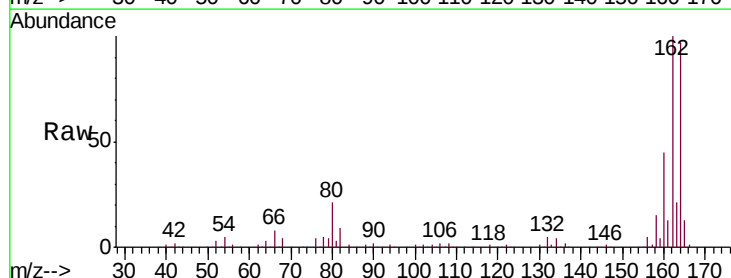
Tgt Ion: 164 Resp: 267510

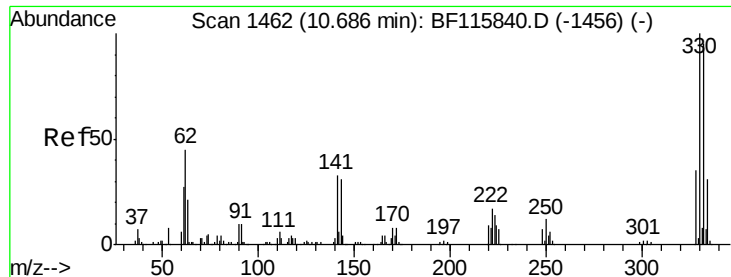
Ion Ratio Lower Upper

164 100

162 103.2 82.6 124.0

160 46.9 37.6 56.4

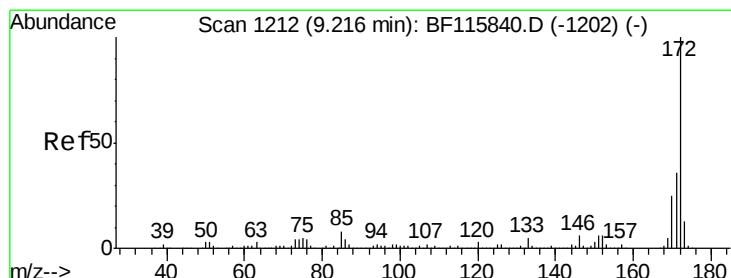
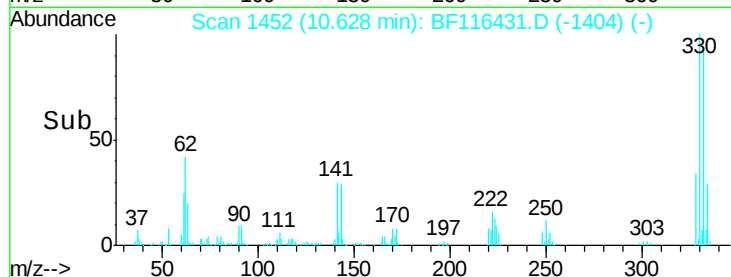
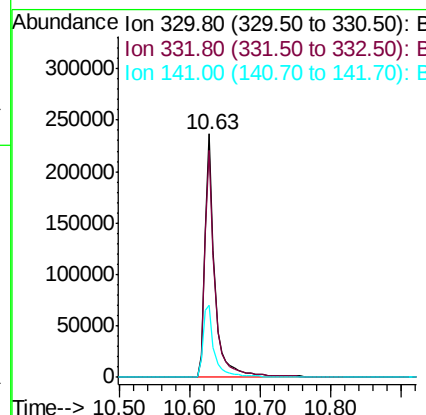
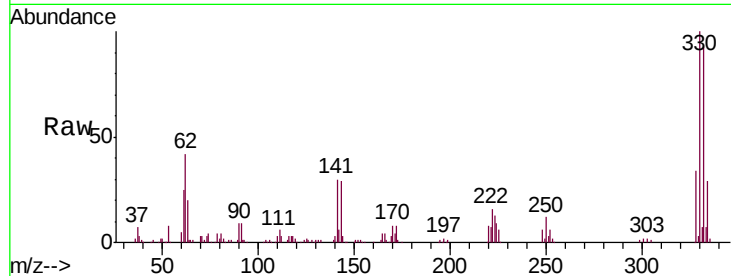




#42
 2,4,6-Tribromophenol
 Concen: 92.309 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.02 min
 Lab File: BF116431.D
 Acq: 20 Aug 2019 13:32

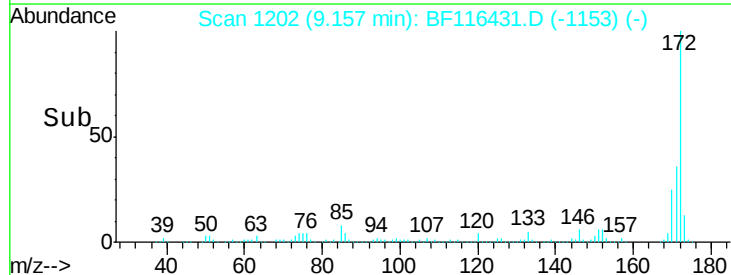
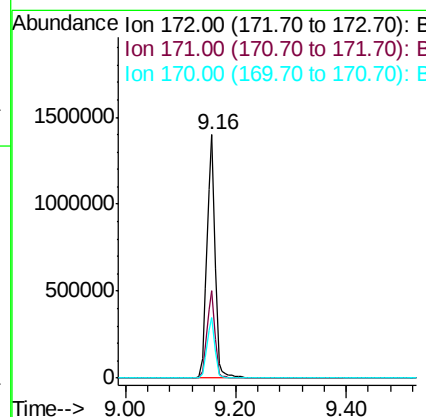
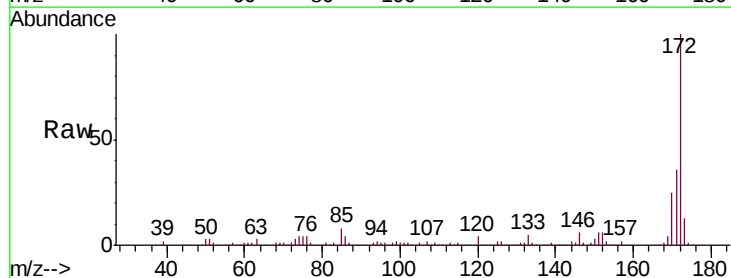
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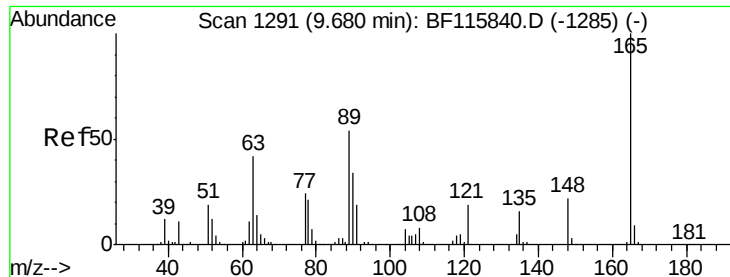
Tgt Ion:330 Resp: 239411
 Ion Ratio Lower Upper
 330 100
 332 95.9 76.8 115.2
 141 33.9 26.3 39.5



#45
 2-Fluorobiphenyl
 Concen: 99.111 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF116431.D
 Acq: 20 Aug 2019 13:32

Tgt Ion:172 Resp: 1415493
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.6 44.4
 170 24.8 20.1 30.1





#51

2,6-Dinitrotoluene

Concen: 8.695 ng

RT: 9.83 min Scan# 1317

Delta R.T. 0.19 min

Lab File: BF116431.D

Acq: 20 Aug 2019 13:32

Instrument :

BNA_F

ClientSampleId :

PB122210BL

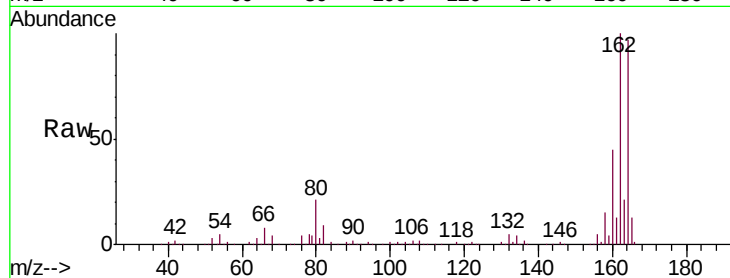
Tgt Ion:165 Resp: 34416

Ion Ratio Lower Upper

165 100

63 0.9 38.2 57.2#

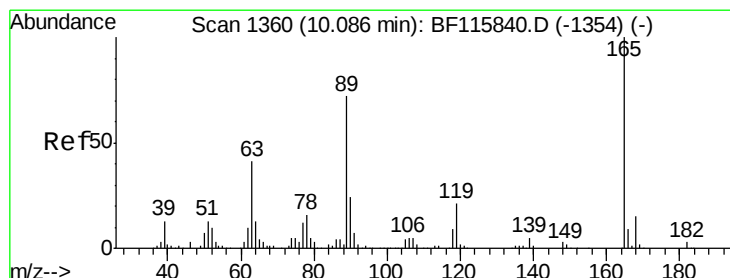
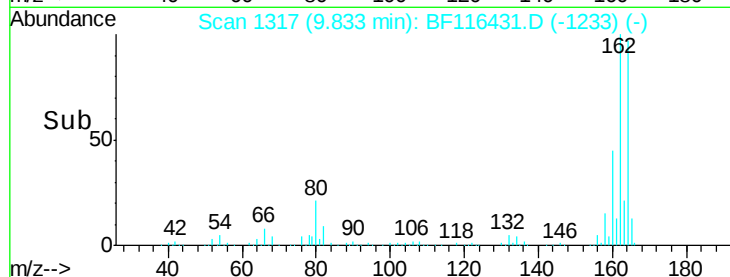
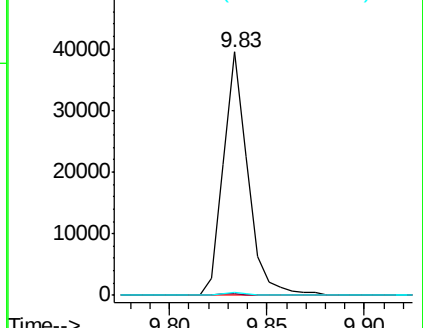
89 1.3 42.9 64.3#



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



#57

2,4-Dinitrotoluene

Concen: 6.530 ng

RT: 9.83 min Scan# 1317

Delta R.T. -0.22 min

Lab File: BF116431.D

Acq: 20 Aug 2019 13:32

Tgt Ion:165 Resp: 34416

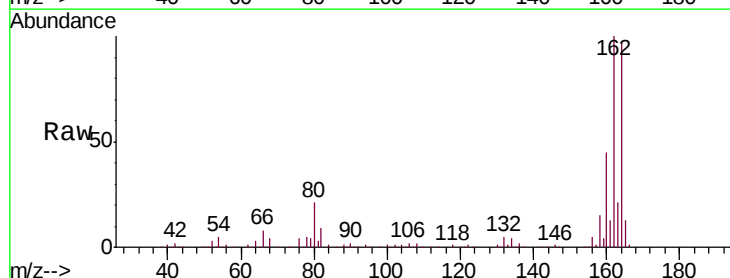
Ion Ratio Lower Upper

165 100

63 0.9 39.6 59.4#

89 1.3 62.2 93.2#

182 0.0 2.1 3.1#

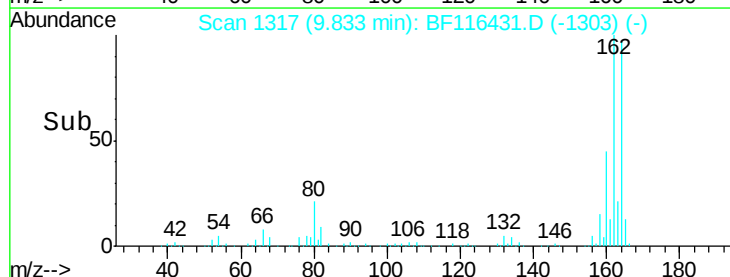
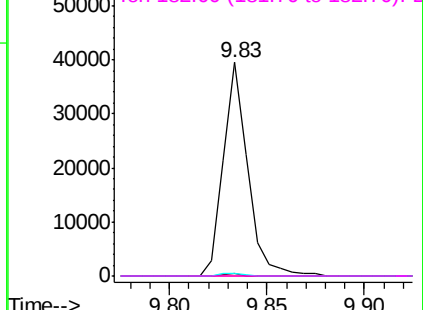


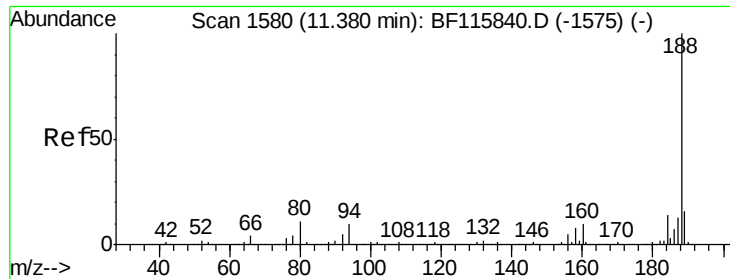
Abundance Ion 165.00 (164.70 to 165.70): E

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

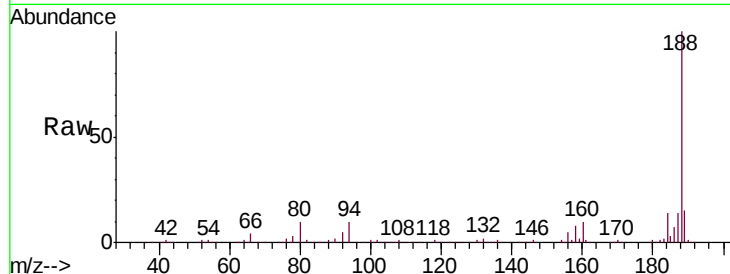




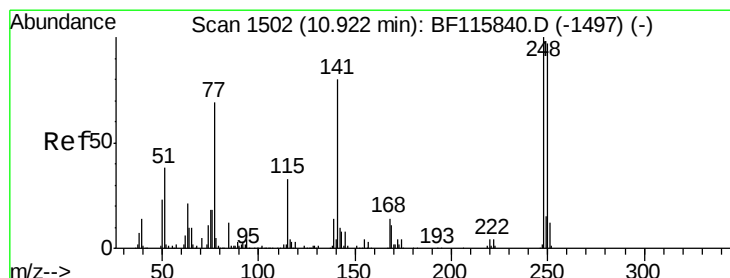
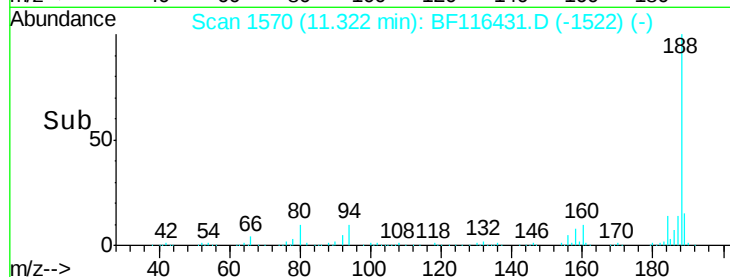
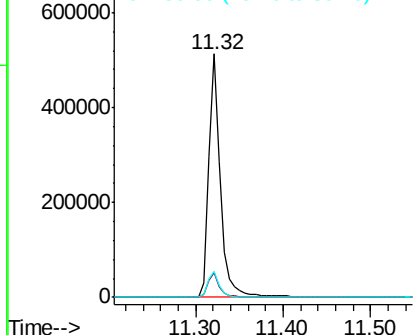
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.02 min
Lab File: BF116431.D
Acq: 20 Aug 2019 13:32

Instrument :
BNA_F
ClientSampleId :
PB122210BL

Tgt Ion:188 Resp: 475713
Ion Ratio Lower Upper
188 100
94 10.0 8.1 12.1
80 10.5 8.7 13.1

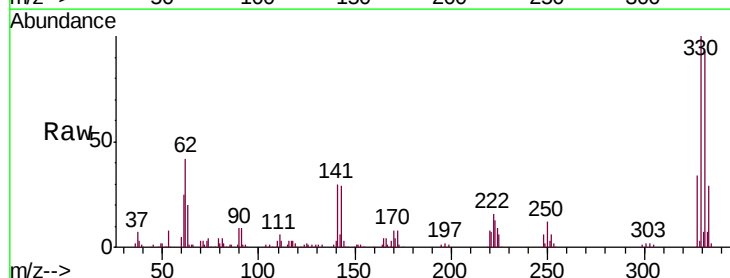


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

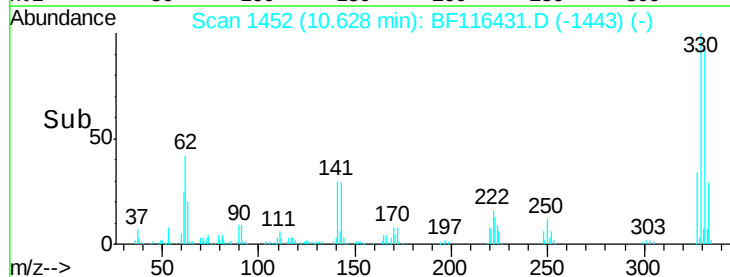
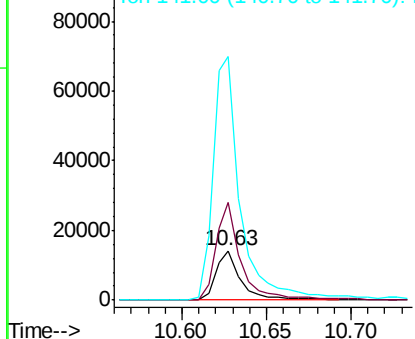


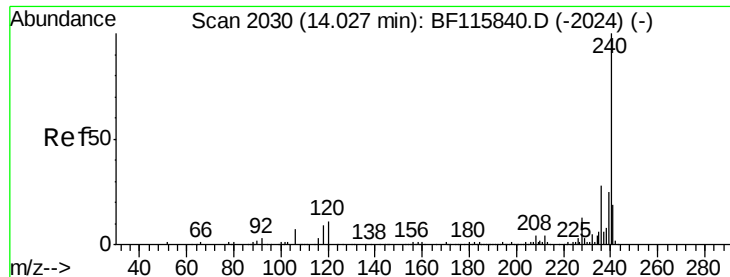
#67
4-Bromophenyl-phenylether
Concen: 2.852 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.25 min
Lab File: BF116431.D
Acq: 20 Aug 2019 13:32

Tgt Ion:248 Resp: 14526
Ion Ratio Lower Upper
248 100
250 197.4 77.4 116.2#
141 490.5 56.8 85.2#



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.96 min Scan# 2019

Delta R.T. -0.02 min

Lab File: BF116431.D

Acq: 20 Aug 2019 13:32

Instrument :

BNA_F

ClientSampleId :

PB122210BL

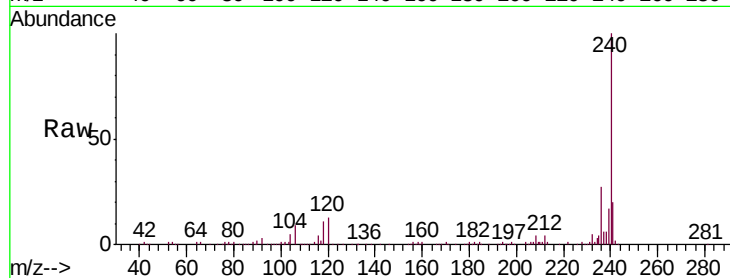
Tgt Ion:240 Resp: 333886

Ion Ratio Lower Upper

240 100

120 12.5 10.7 16.1

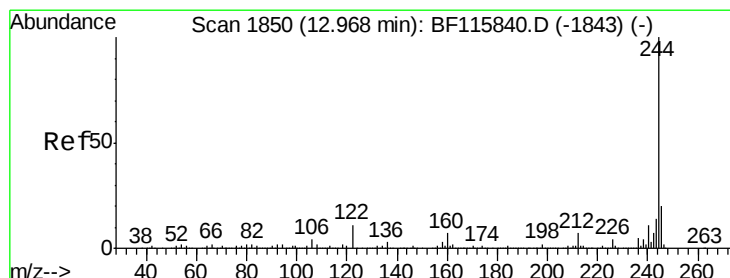
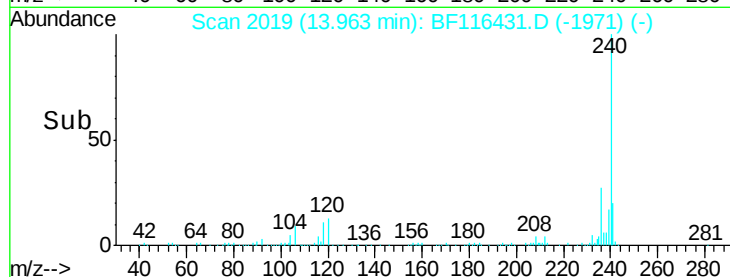
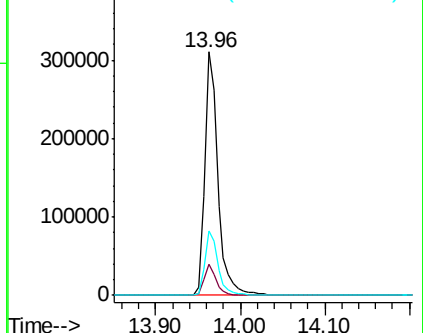
236 26.6 22.2 33.2



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#79

Terphenyl-d14

Concen: 92.266 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BF116431.D

Acq: 20 Aug 2019 13:32

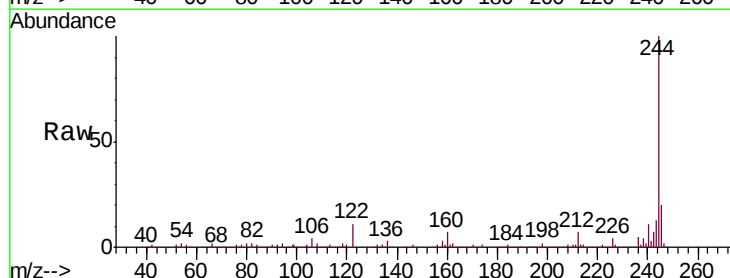
Tgt Ion:244 Resp: 1461985

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.8

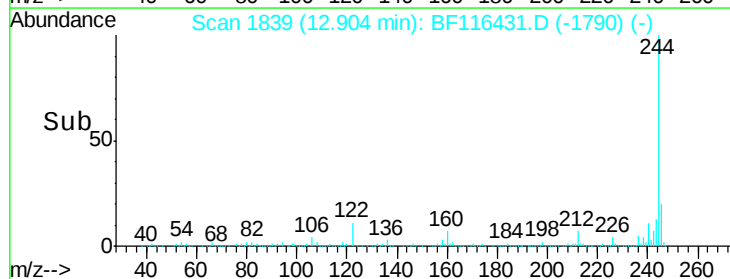
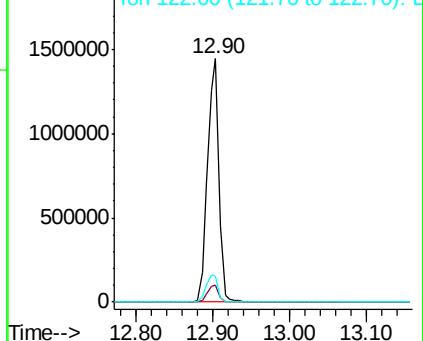
122 10.7 9.0 13.4

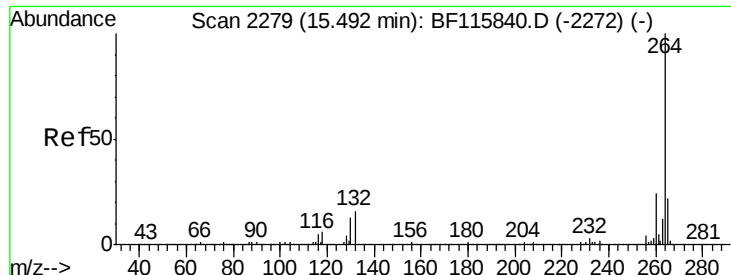


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2267
Delta R.T. -0.02 min
Lab File: BF116431.D
Acq: 20 Aug 2019 13:32

Instrument :
BNA_F
ClientSampleId :
PB122210BL

Tgt Ion:264 Resp: 305534
Ion Ratio Lower Upper
264 100
260 24.5 19.7 29.5
265 22.0 17.4 26.0

