

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052419\
 Data File : BF114578.D
 Acq On : 24 May 2019 19:12
 Operator : JU/SJ
 Sample : K3019-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR200036

Quant Time: May 24 22:37:05 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 24 07:23:33 2019
 Response via : Initial Calibration

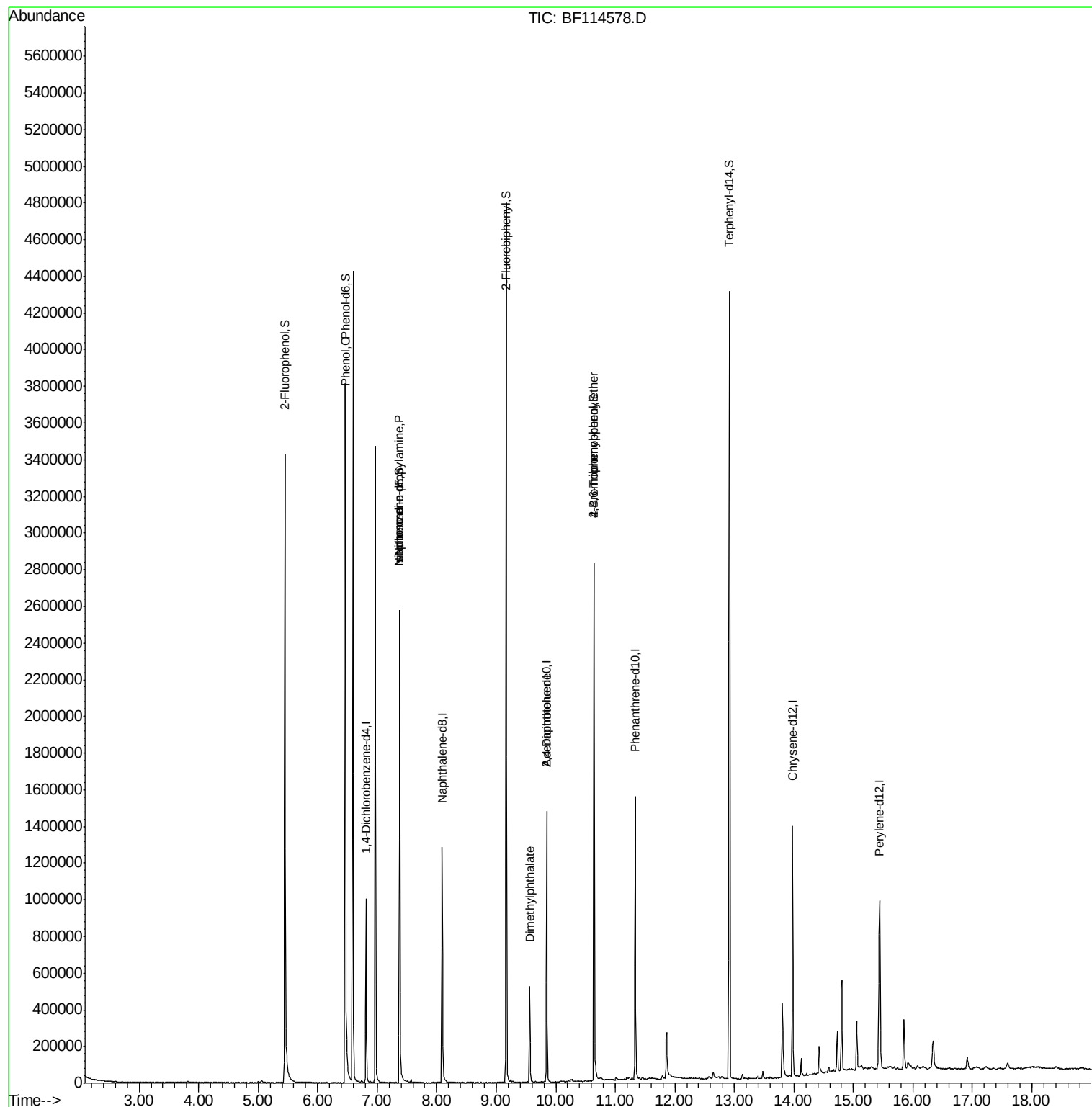
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	152650	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	583667	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	279999	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	580409	20.00	ng	0.00
76) Chrysene-d12	13.98	240	453699	20.00	ng	0.00
87) Perylene-d12	15.44	264	422108	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1119411	118.01	ng	0.00
7) Phenol-d6	6.46	99	1479925	131.91	ng	0.00
23) Nitrobenzene-d5	7.37	82	886778	85.26	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	365979	126.43	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1444136	78.02	ng	0.00
79) Terphenyl-d14	12.92	244	1606792	73.01	ng	0.00
Target Compounds						
10) Phenol	6.47	94	28168	2.134	ng	# 77
19) n-Nitroso-di-n-propylamine	7.37	70	115989	16.311	ng	# 77
25) Isophorone	7.37	82	886774	45.974	ng	# 64
50) Dimethylphthalate	9.56	163	200129	9.736	ng	100
57) 2,4-Dinitrotoluene	9.85	165	36075	5.830	ng	# 24
67) 4-Bromophenyl-phenylether	10.64	248	23376	3.658	ng	# 1

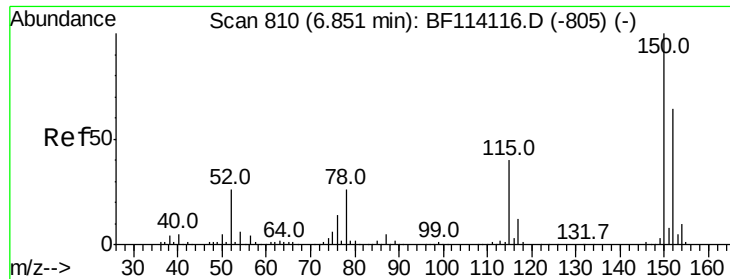
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 24 07:23:33 2019
Response via : Initial Calibration



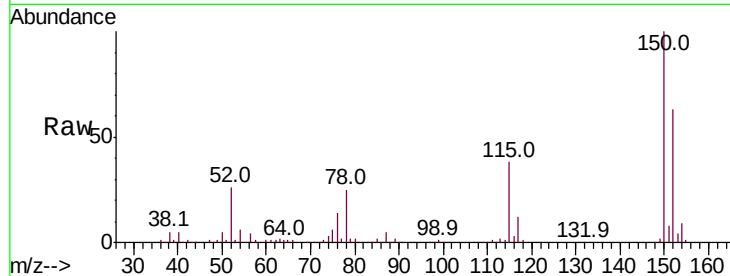


#1

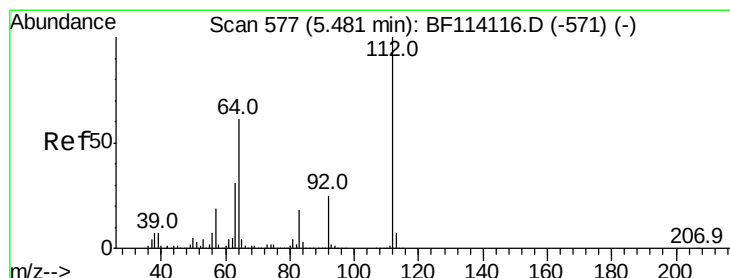
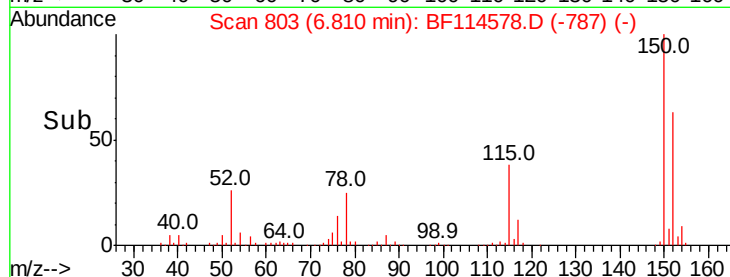
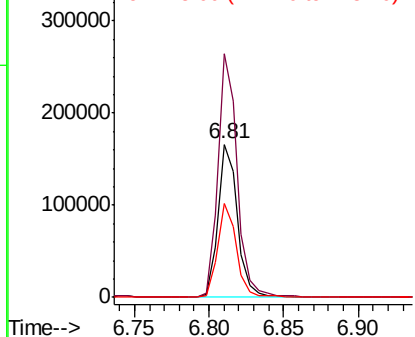
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF114578.D
Acq: 24 May 2019 19:12

Instrument :
BNA_F
ClientSampleId :
RBR200036

Tot Ion:152 Resp: 152650
Ion Ratio Lower Upper
152 100
150 158.9 124.3 186.5
115 60.8 49.1 73.7



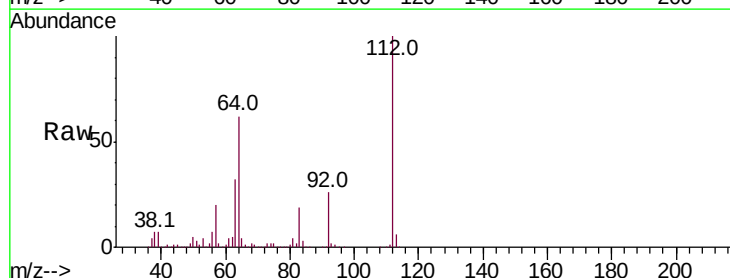
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



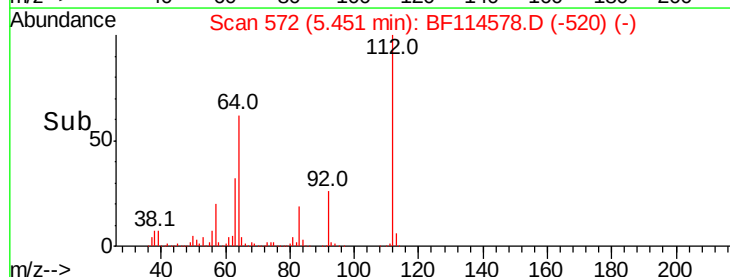
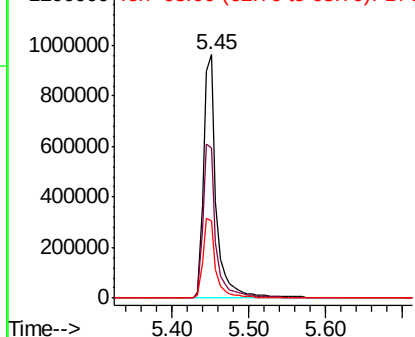
#5

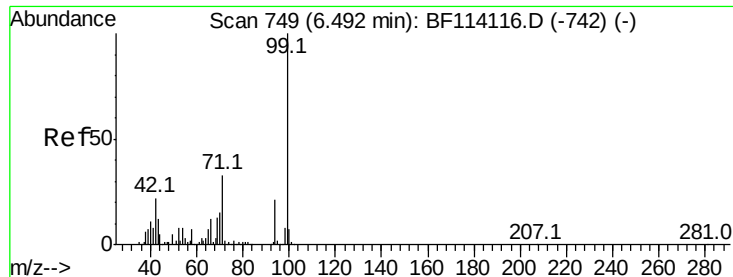
2-Fluorophenol
Concen: 118.010 ng
RT: 5.45 min Scan# 572
Delta R.T. 0.01 min
Lab File: BF114578.D
Acq: 24 May 2019 19:12

Tgt Ion:112 Resp: 1119411
Ion Ratio Lower Upper
112 100
64 61.7 49.0 73.6
63 31.8 24.6 37.0



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: 131.912 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.00 min

Lab File: BF114578.D

Acq: 24 May 2019 19:12

Instrument :

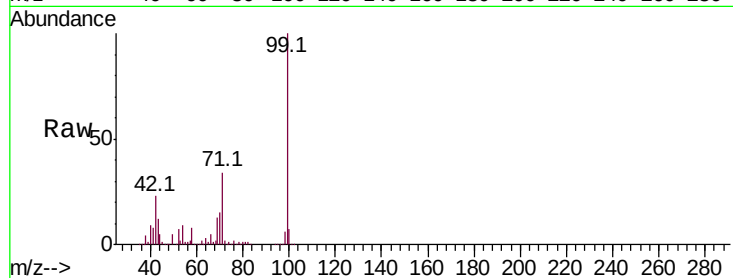
BNA_F

ClientSampleId :

RBR200036

Tot Ion: 99 Resp: 1479925

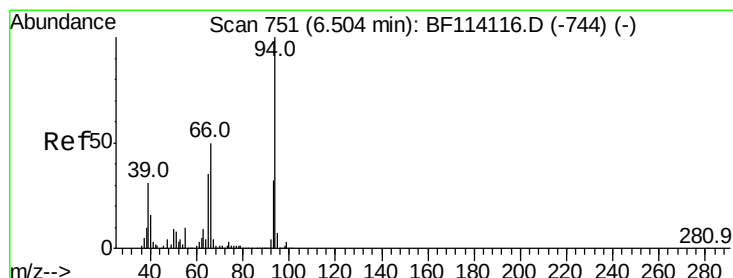
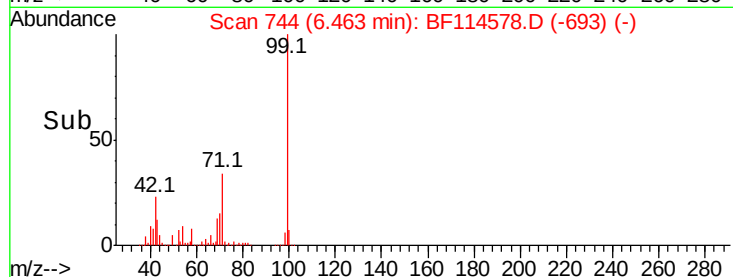
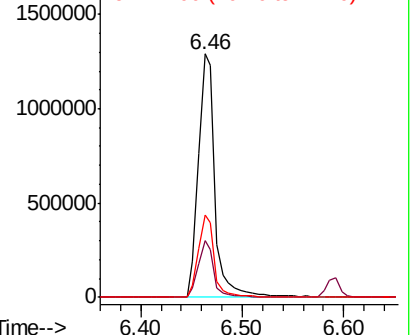
Ion	Ratio	Lower	Upper
99	100		
42	23.1	17.9	26.9
71	33.9	26.2	39.2



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



#10

Phenol

Concen: 2.134 ng

RT: 6.47 min Scan# 746

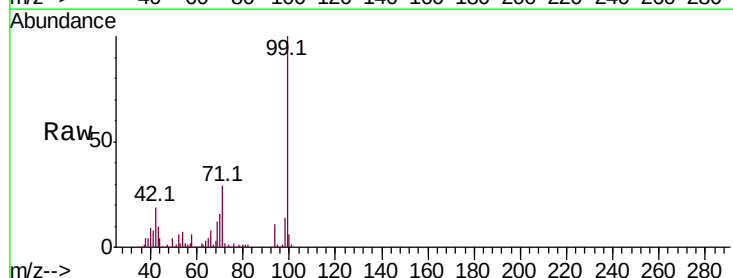
Delta R.T. -0.00 min

Lab File: BF114578.D

Acq: 24 May 2019 19:12

Tgt Ion: 94 Resp: 28168

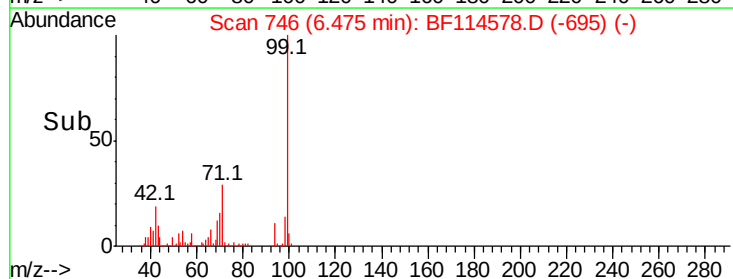
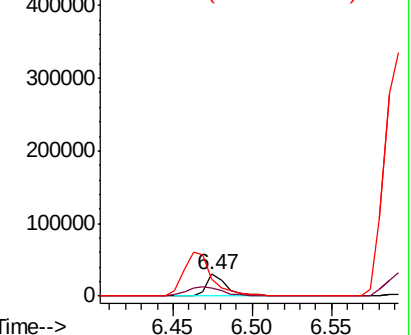
Ion	Ratio	Lower	Upper
94	100		
65	37.0	14.7	54.7
66	74.6	29.6	69.6

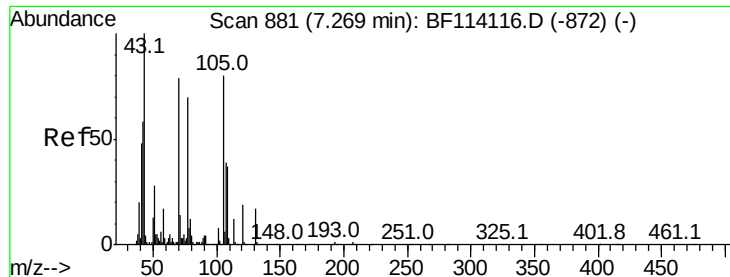


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

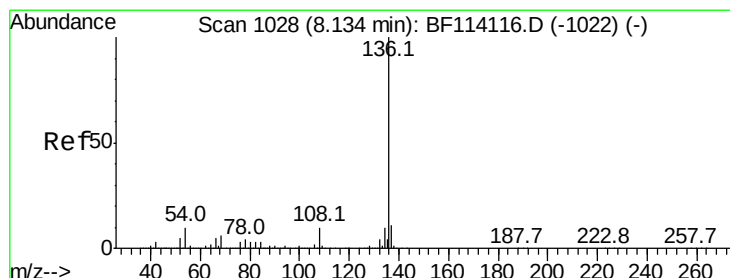
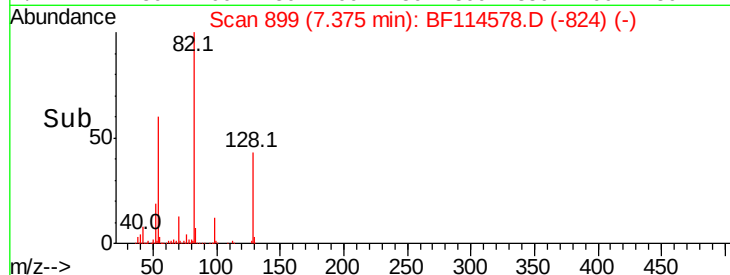
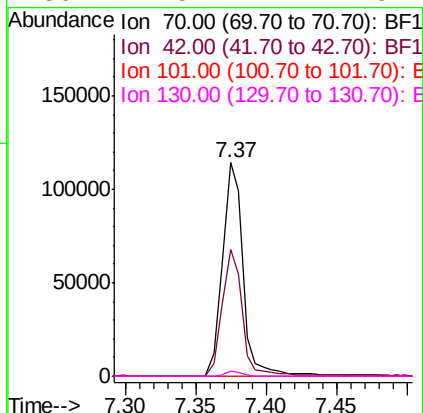
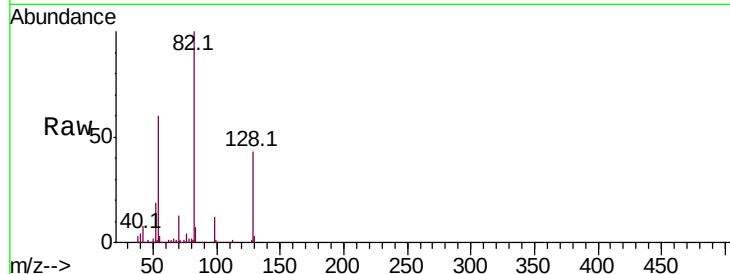




#19
n-Nitroso-di-n-propylamine
Concen: 16.311 ng
RT: 7.37 min Scan# 899
Delta R.T. 0.14 min
Lab File: BF114578.D
Acq: 24 May 2019 19:12

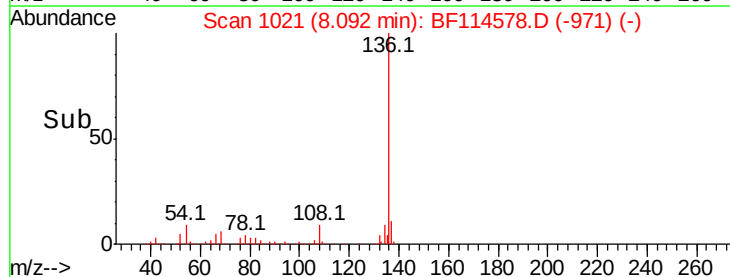
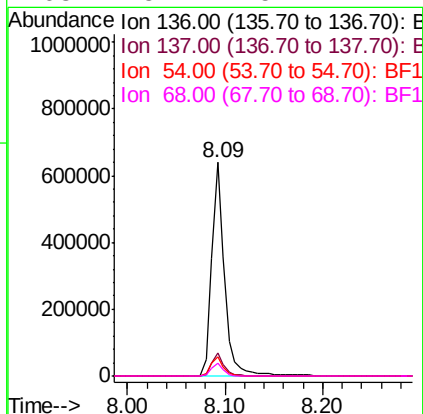
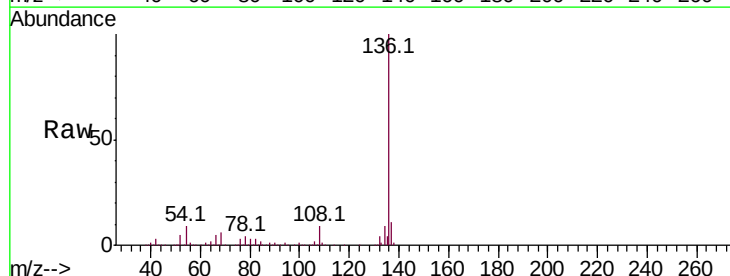
Instrument :
BNA_F
ClientSampleId :
RBR200036

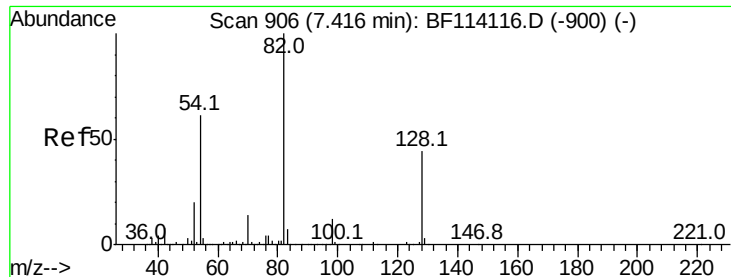
Tot Ion: 70 Resp: 115989
Ion Ratio Lower Upper
70 100
42 59.1 58.6 87.8
101 0.0 7.8 11.8#
130 2.5 17.1 25.7#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF114578.D
Acq: 24 May 2019 19:12

Tgt Ion:136 Resp: 583667
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 9.0 7.8 11.8
68 5.7 5.1 7.7

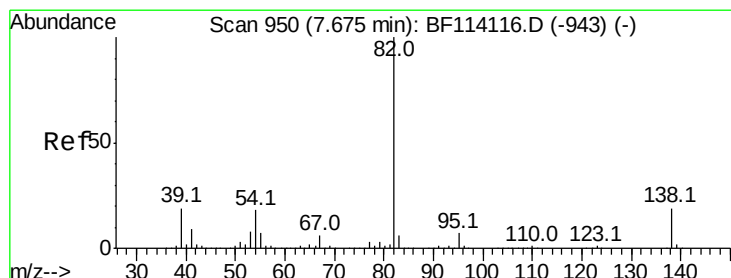
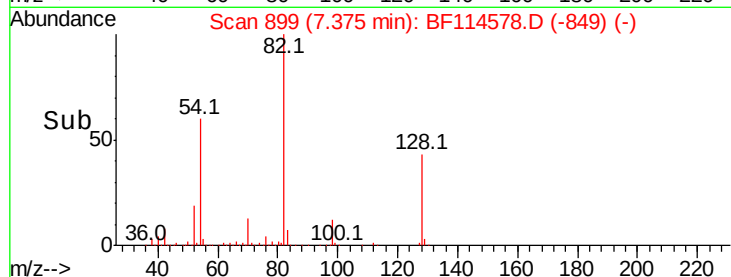
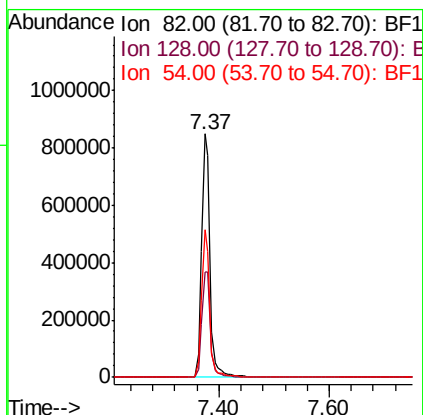
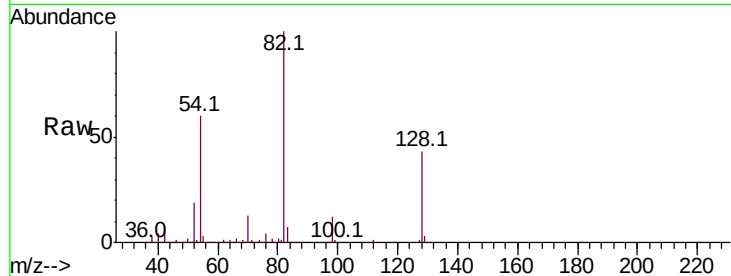




#23
Nitrobenzene-d5
Concen: 85.264 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF114578.D
Acq: 24 May 2019 19:12

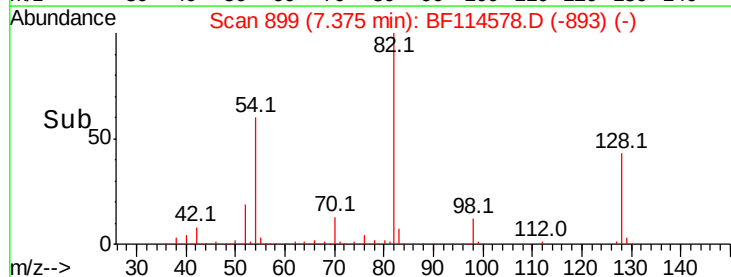
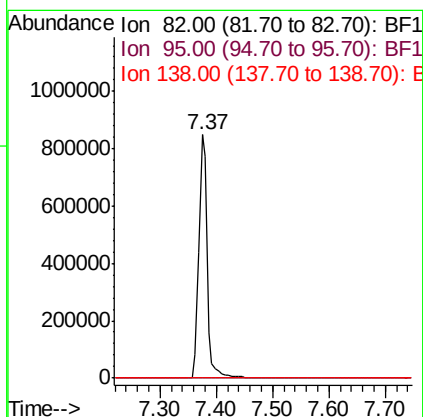
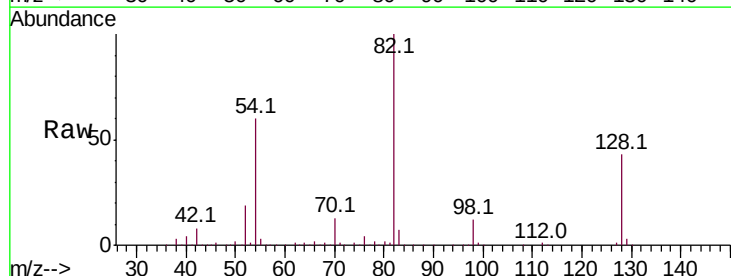
Instrument :
BNA_F
ClientSampleId :
RBR200036

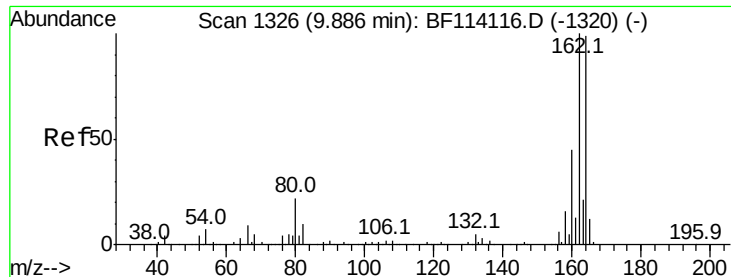
Tot Ion: 82 Resp: 886778
Ion Ratio Lower Upper
82 100
128 43.1 35.5 53.3
54 60.4 48.5 72.7



#25
Isophorone
Concen: 45.974 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.26 min
Lab File: BF114578.D
Acq: 24 May 2019 19:12

Tgt Ion: 82 Resp: 886774
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 14.8 22.2#

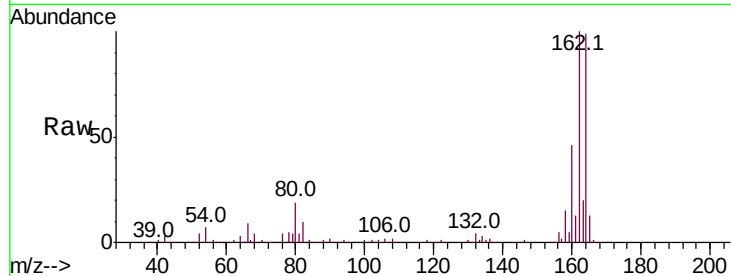




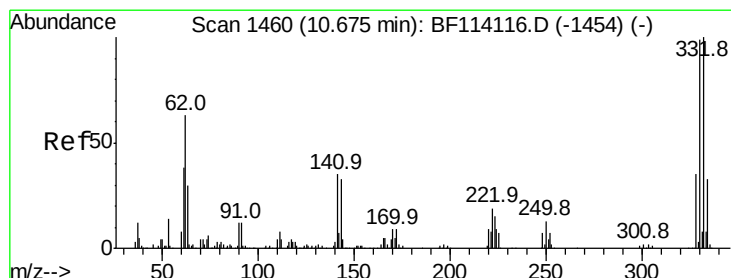
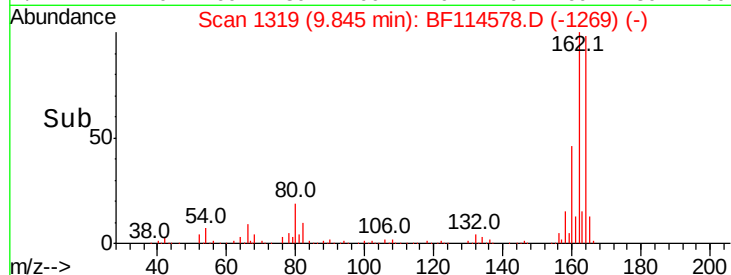
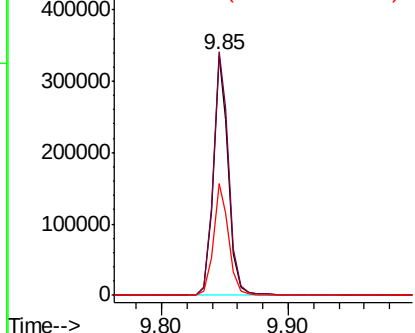
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.01 min
 Lab File: BF114578.D
 Acq: 24 May 2019 19:12

Instrument :
 BNA_F
 ClientSampleId :
 RBR200036

Tot Ion:164 Resp: 279999
 Ion Ratio Lower Upper
 164 100
 162 101.4 80.6 120.8
 160 46.4 36.5 54.7

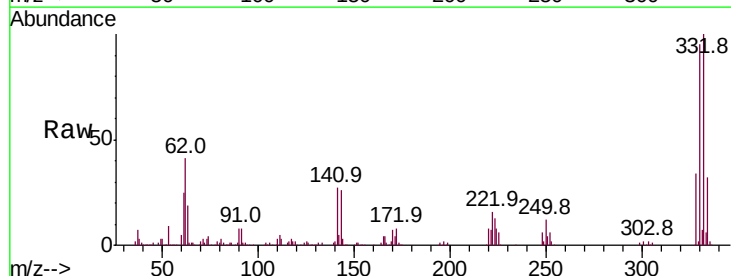


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

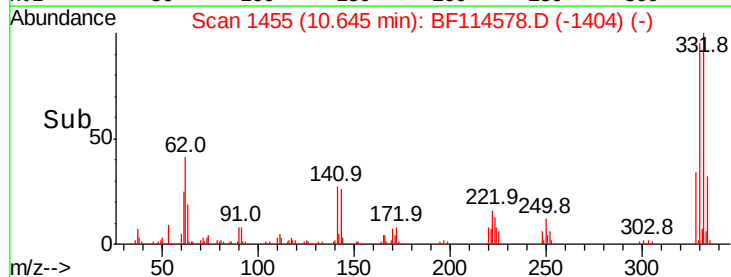
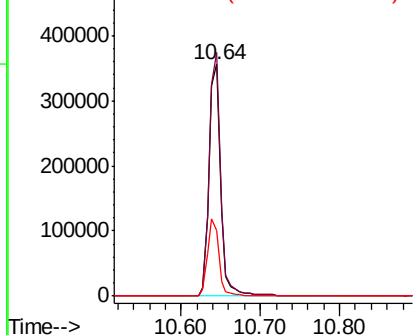


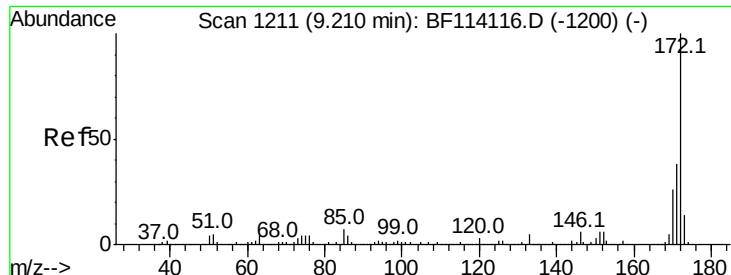
#42
 2,4,6-Tribromophenol
 Concen: 126.430 ng
 RT: 10.64 min Scan# 1455
 Delta R.T. -0.00 min
 Lab File: BF114578.D
 Acq: 24 May 2019 19:12

Tgt Ion:330 Resp: 365979
 Ion Ratio Lower Upper
 330 100
 332 102.4 81.4 122.2
 141 33.4 26.6 40.0



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

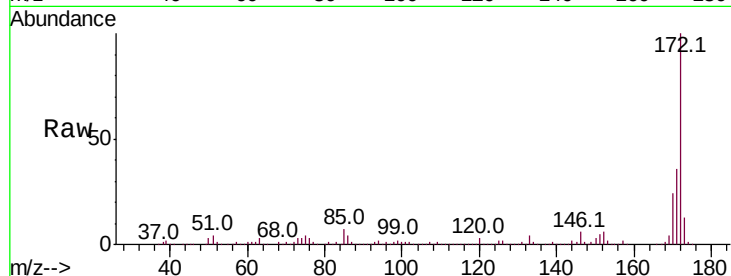




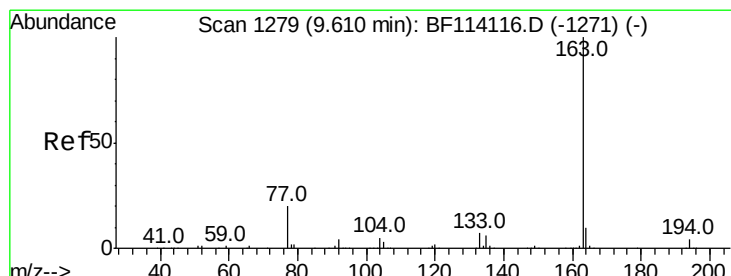
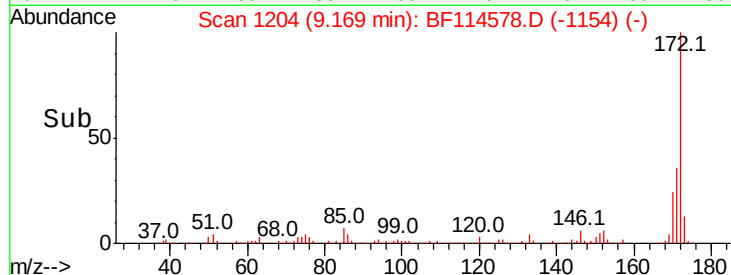
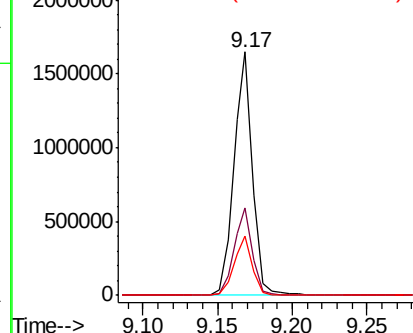
#45
 2-Fluorobiphenyl
 Concen: 78.018 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF114578.D
 Acq: 24 May 2019 19:12

Instrument :
 BNA_F
 ClientSampleId :
 RBR200036

Tot Ion:172 Resp: 1444136
 Ion Ratio Lower Upper
 172 100
 171 35.7 30.7 46.1
 170 24.2 20.5 30.7

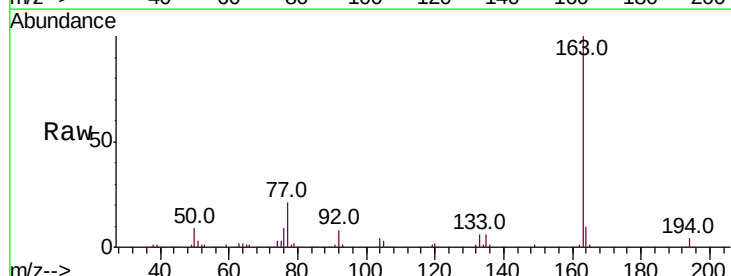


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

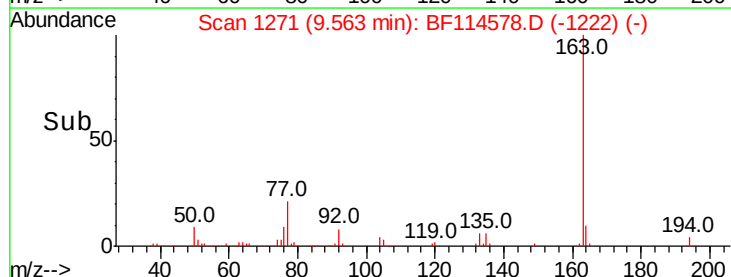
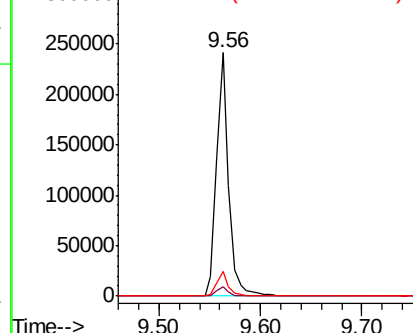


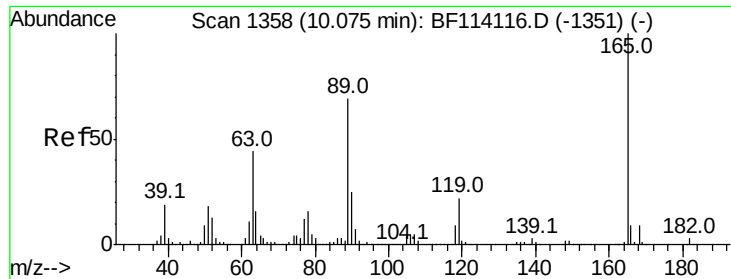
#50
 Dimethylphthalate
 Concen: 9.736 ng
 RT: 9.56 min Scan# 1271
 Delta R.T. -0.01 min
 Lab File: BF114578.D
 Acq: 24 May 2019 19:12

Tgt Ion:163 Resp: 200129
 Ion Ratio Lower Upper
 163 100
 194 4.1 3.4 5.0
 164 10.1 8.2 12.2



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: 5.830 ng

RT: 9.85 min Scan# 1319

Delta R.T. -0.21 min

Lab File: BF114578.D

Acq: 24 May 2019 19:12

Instrument :

BNA_F

ClientSampleId :

RBR200036

Tot Ion:165 Resp: 36075

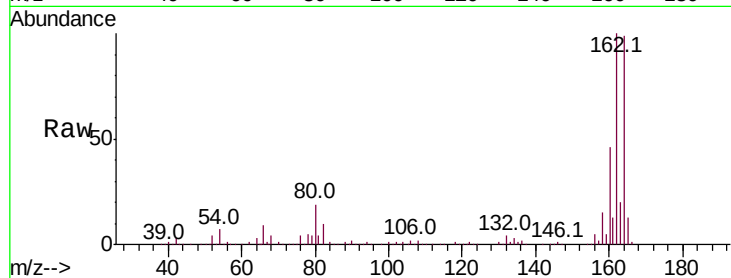
Ion Ratio Lower Upper

165 100

63 0.0 35.5 53.3#

89 1.2 55.2 82.8#

182 0.0 2.2 3.2#

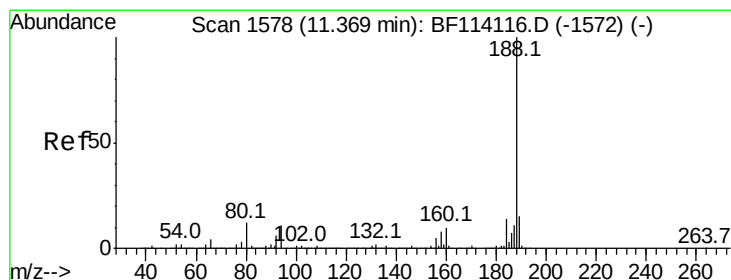
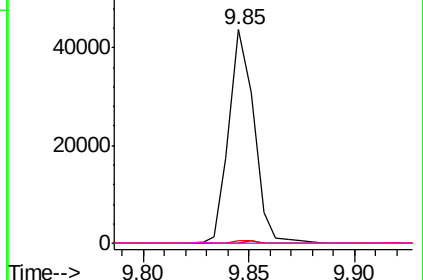
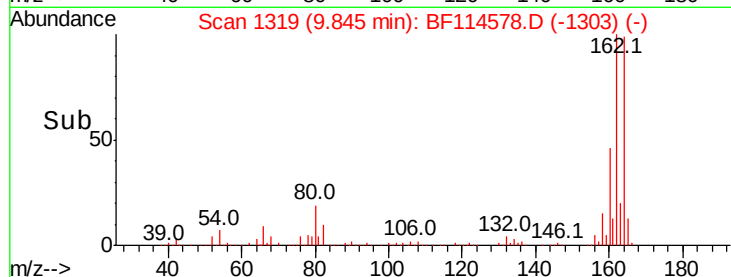


Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.33 min Scan# 1572

Delta R.T. -0.01 min

Lab File: BF114578.D

Acq: 24 May 2019 19:12

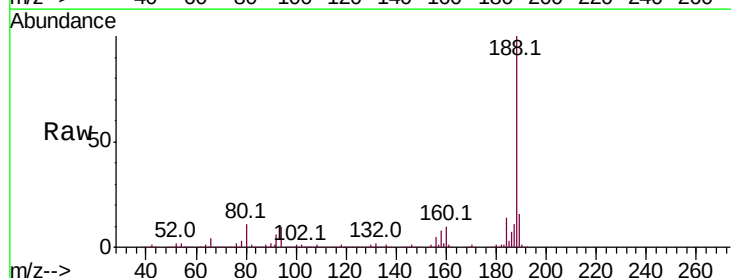
Tgt Ion:188 Resp: 580409

Ion Ratio Lower Upper

188 100

94 9.8 8.4 12.6

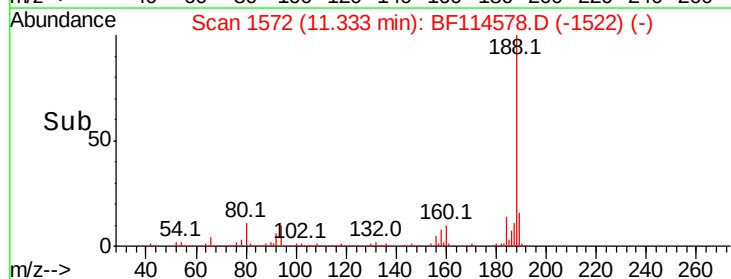
80 10.5 9.2 13.8



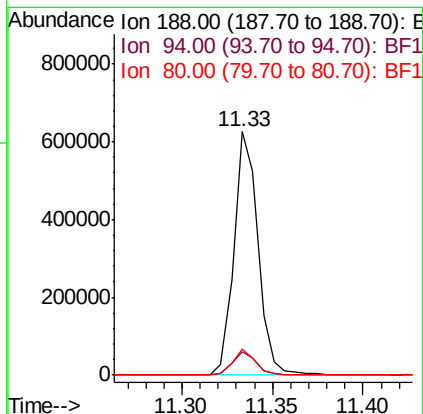
Abundance Ion 188.00 (187.70 to 188.70): E

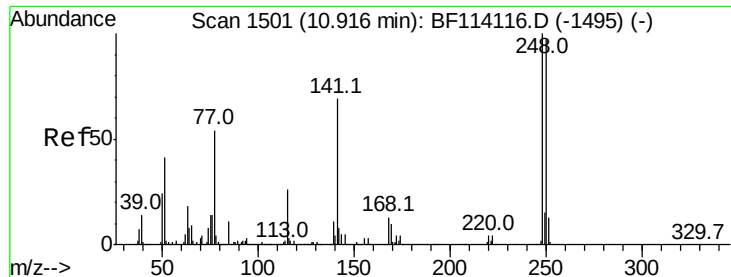
Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



Time-->





#67

4-Bromophenyl-phenylether

Concen: 3.658 ng

RT: 10.64 min Scan# 1454

Delta R.T. -0.24 min

Lab File: BF114578.D

Acq: 24 May 2019 19:12

Instrument :

BNA_F

ClientSampleId :

RBR200036

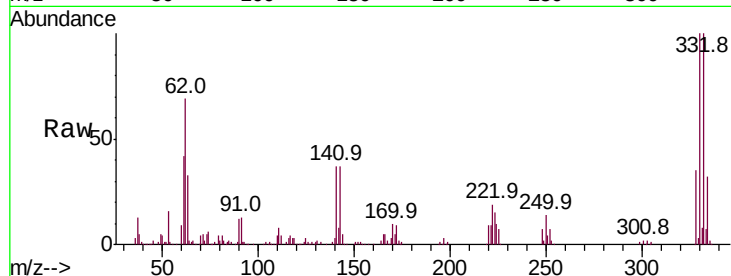
Tot Ion:248 Resp: 23376

Ion Ratio Lower Upper

248 100

250 199.5 77.4 116.2#

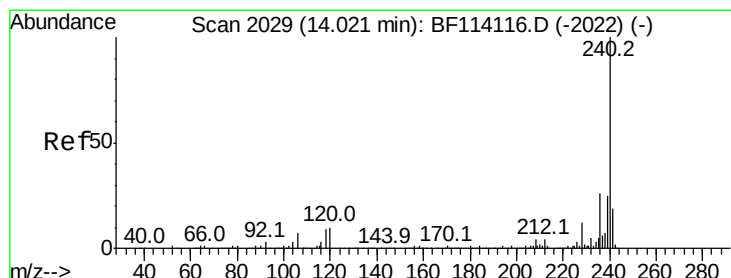
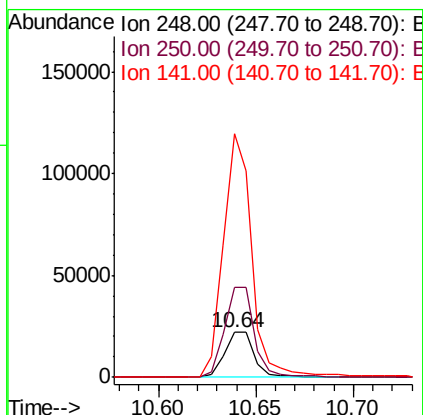
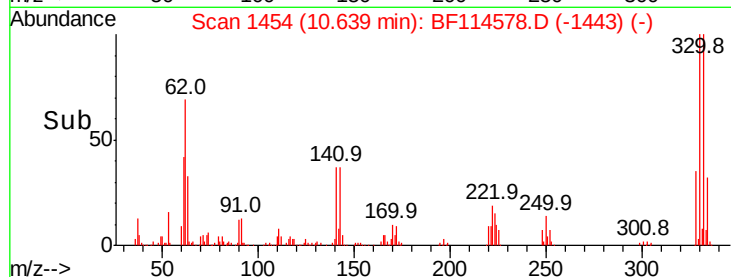
141 539.4 55.6 83.4#



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: 13.98 min Scan# 2022

Delta R.T. -0.01 min

Lab File: BF114578.D

Acq: 24 May 2019 19:12

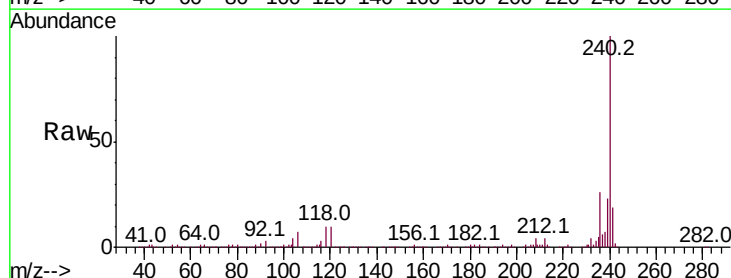
Tgt Ion:240 Resp: 453699

Ion Ratio Lower Upper

240 100

120 10.3 8.3 12.5

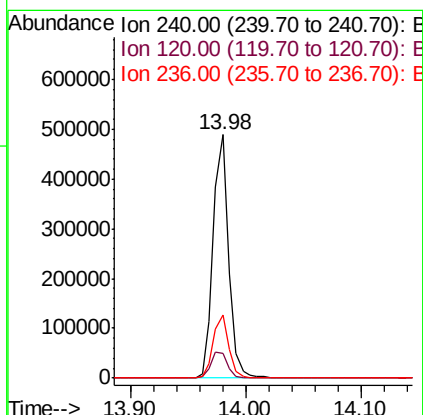
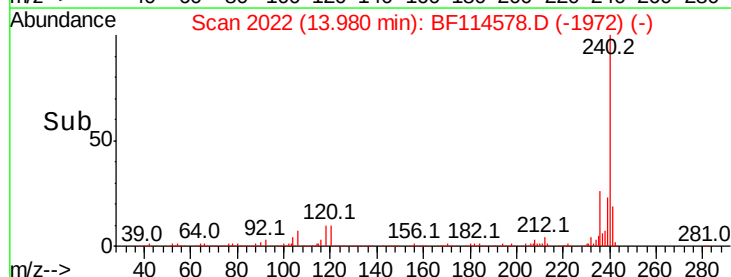
236 25.7 20.8 31.2

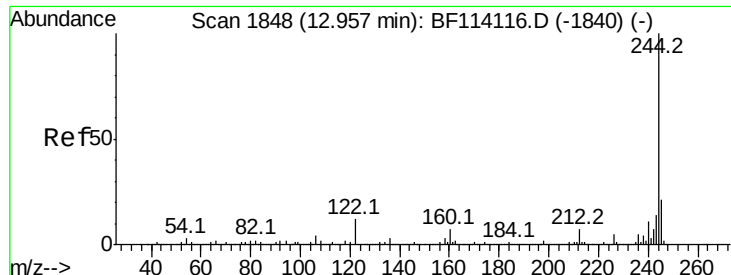


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 73.006 ng

RT: 12.92 min Scan# 1842

Delta R.T. 0.01 min

Lab File: BF114578.D

Acq: 24 May 2019 19:12

Instrument :

BNA_F

ClientSampleId :

RBR200036

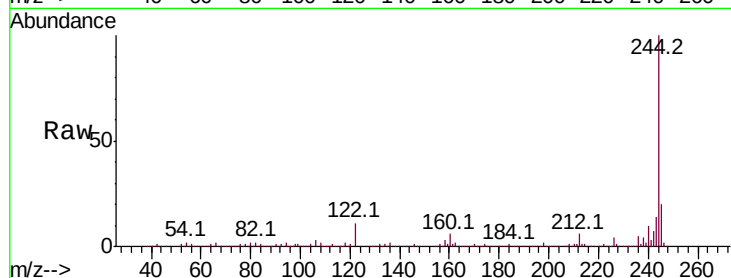
Tot Ion:244 Resp: 1606792

Ion Ratio Lower Upper

244 100

212 6.4 5.8 8.6

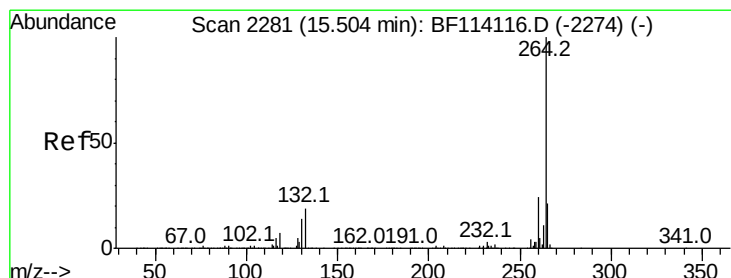
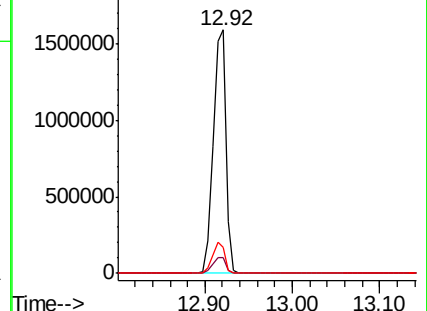
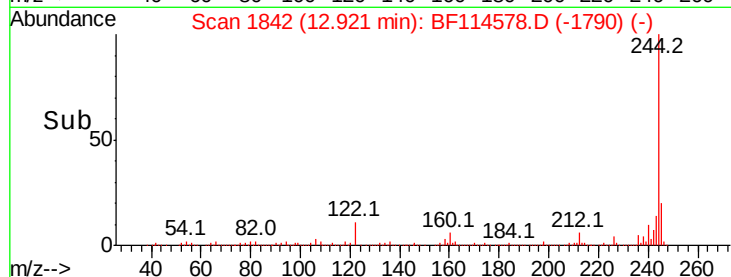
122 10.6 9.4 14.2



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: 15.44 min Scan# 2271

Delta R.T. -0.01 min

Lab File: BF114578.D

Acq: 24 May 2019 19:12

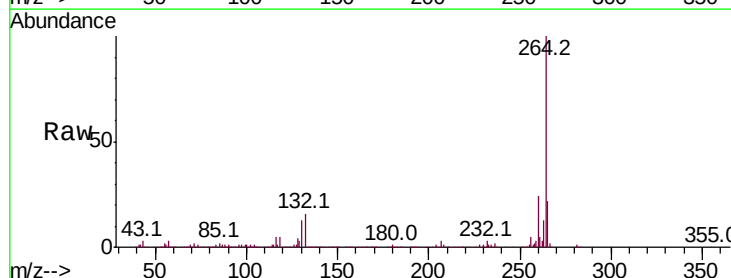
Tgt Ion:264 Resp: 422108

Ion Ratio Lower Upper

264 100

260 23.5 19.4 29.0

265 21.7 16.9 25.3



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

