

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081519\
 Data File : BF116293.D
 Acq On : 15 Aug 2019 22:04
 Operator : HP/JU
 Sample : K4356-11
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 16 03:11:39 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

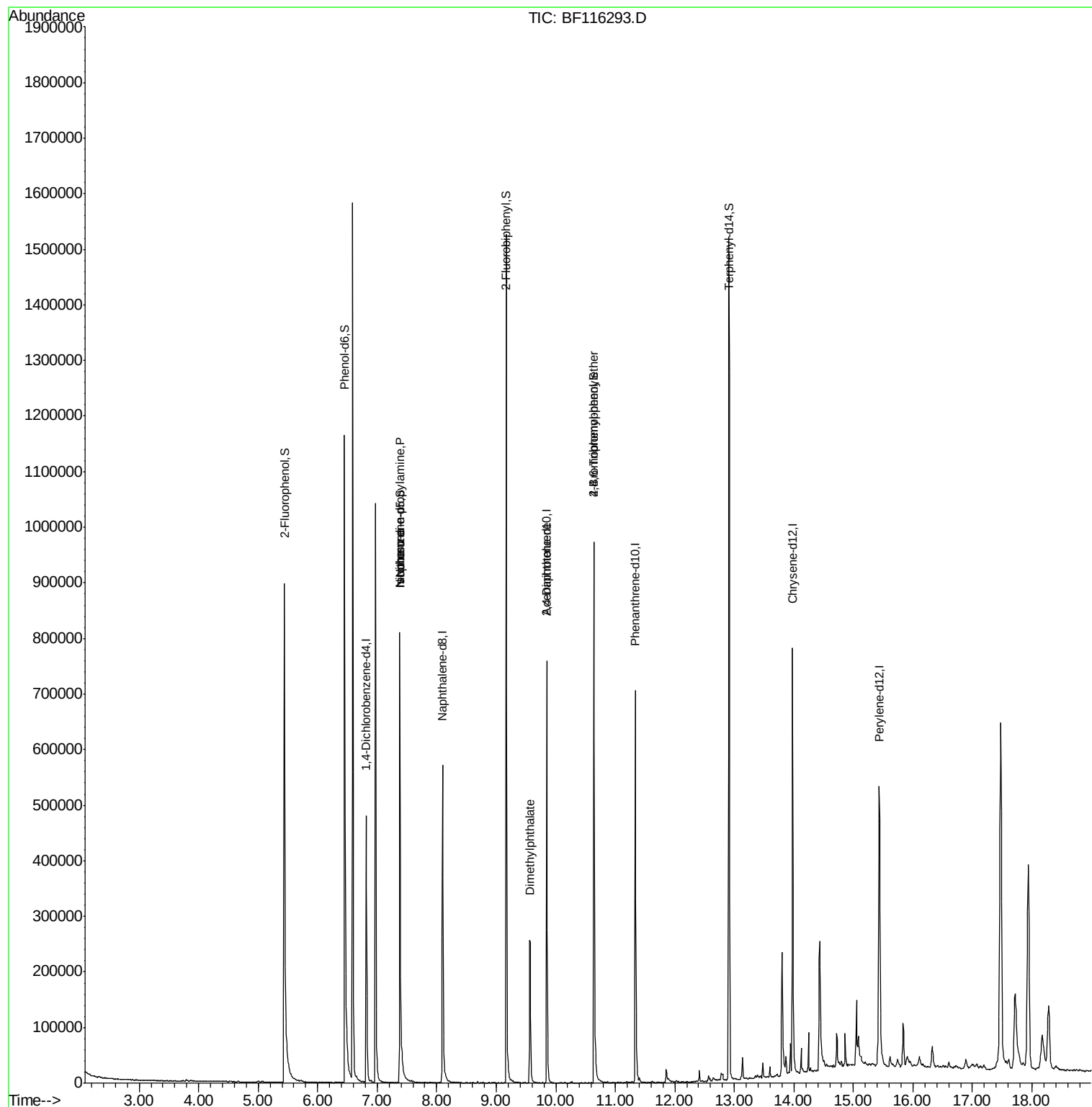
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	78077	20.00	ng	-0.03
21) Naphthalene-d8	8.10	136	308581	20.00	ng	-0.03
39) Acenaphthene-d10	9.85	164	166601	20.00	ng	-0.04
64) Phenanthrene-d10	11.34	188	314106	20.00	ng	-0.03
76) Chrysene-d12	13.98	240	287591	20.00	ng	-0.03
87) Perylene-d12	15.43	264	283718	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	399148	85.58	ng	-0.03
7) Phenol-d6	6.45	99	530672	90.18	ng	-0.04
23) Nitrobenzene-d5	7.38	82	341735	63.92	ng	-0.04
42) 2,4,6-Tribromophenol	10.64	330	142426	88.18	ng	-0.04
45) 2-Fluorobiphenyl	9.17	172	479932	53.96	ng	-0.04
79) Terphenyl-d14	12.91	244	511493	37.48	ng	-0.04
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.38	70	43261	11.864	ng	# 81
25) Isophorone	7.38	82	341753	33.433	ng	# 65
50) Dimethylphthalate	9.57	163	139579	12.305	ng	98
57) 2,4-Dinitrotoluene	9.85	165	21083	6.423	ng	# 19
67) 4-Bromophenyl-phenylether	10.64	248	8685	2.583	ng	# 1

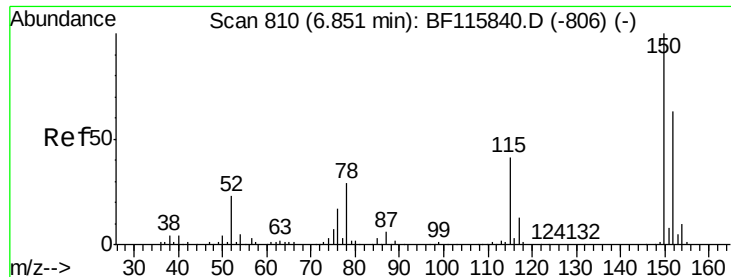
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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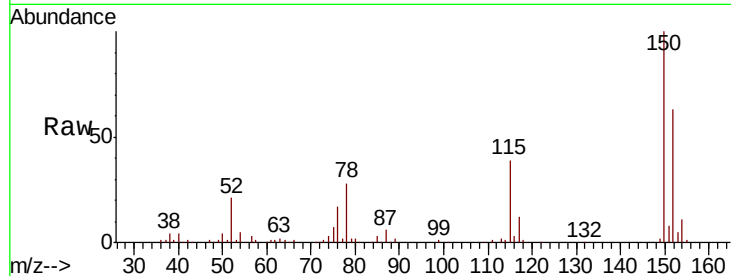


#1

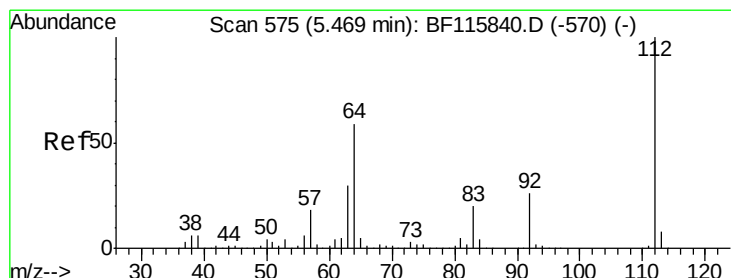
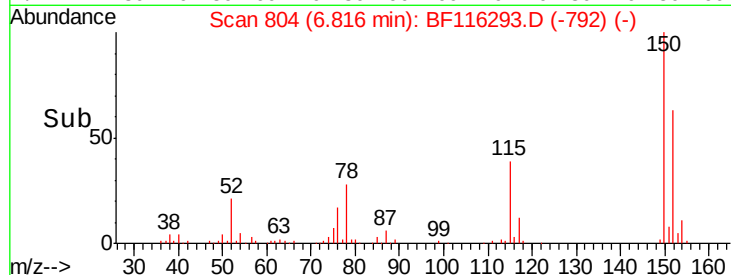
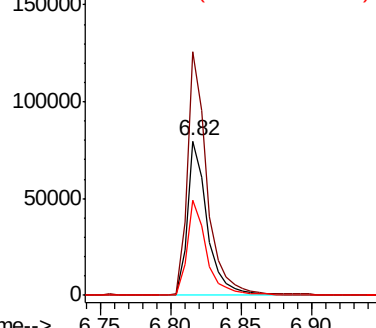
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.03 min
Lab File: BF116293.D
Acq: 15 Aug 2019 22:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 78077
Ion Ratio Lower Upper
152 100
150 158.1 126.2 189.2
115 61.9 49.9 74.9



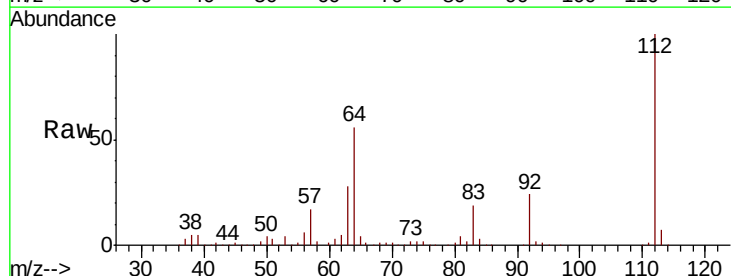
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



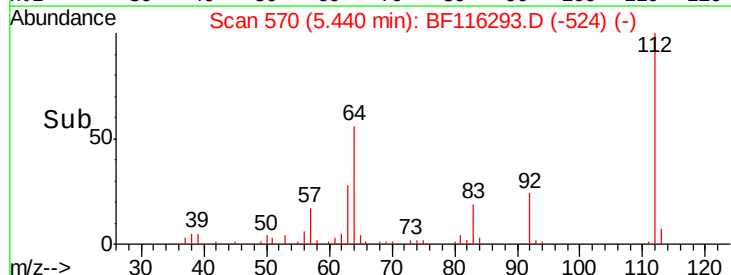
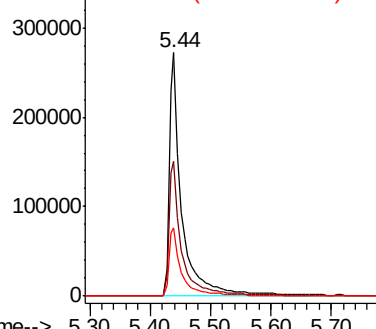
#5

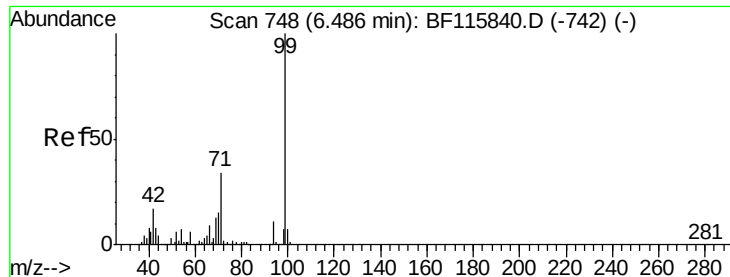
2-Fluorophenol
Concen: 85.582 ng
RT: 5.44 min Scan# 570
Delta R.T. -0.03 min
Lab File: BF116293.D
Acq: 15 Aug 2019 22:04

Tgt Ion:112 Resp: 399148
Ion Ratio Lower Upper
112 100
64 55.5 45.4 68.2
63 28.3 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: 90.183 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.04 min

Lab File: BF116293.D

Acq: 15 Aug 2019 22:04

Instrument :

BNA_F

ClientSampled :

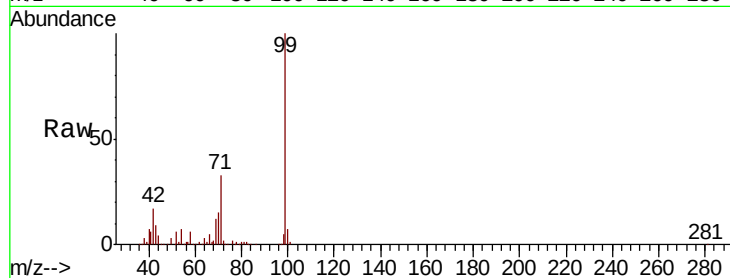
Tot Ion: 99 Resp: 530672

Ion Ratio Lower Upper

99 100

42 17.4 13.8 20.8

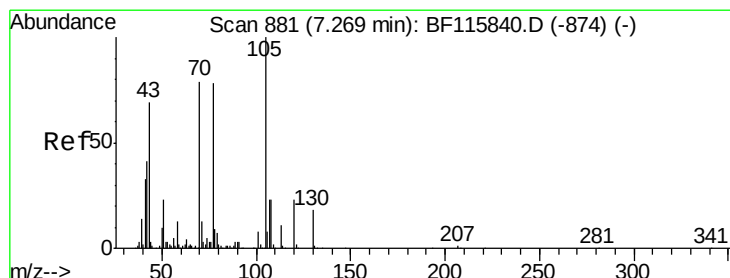
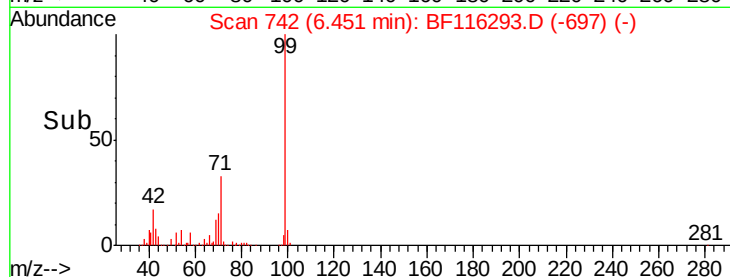
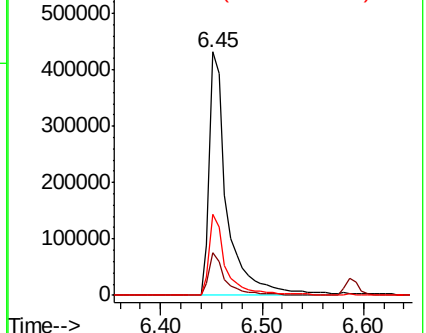
71 33.4 27.3 40.9



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: 11.864 ng

RT: 7.38 min Scan# 900

Delta R.T. 0.11 min

Lab File: BF116293.D

Acq: 15 Aug 2019 22:04

Tgt Ion: 70 Resp: 43261

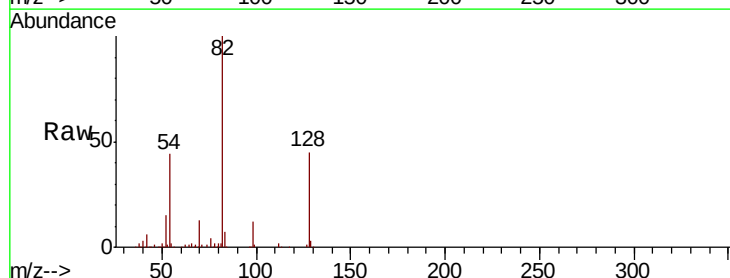
Ion Ratio Lower Upper

70 100

42 45.1 40.9 61.3

101 0.0 7.9 11.9#

130 2.6 16.9 25.3#

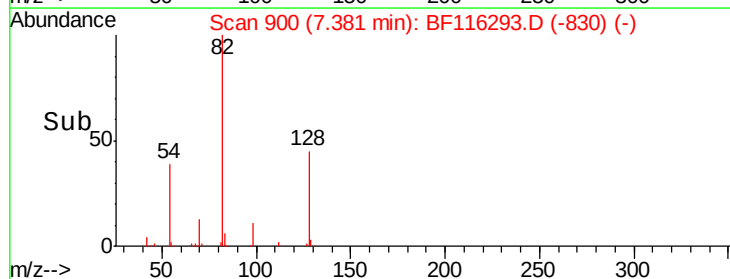
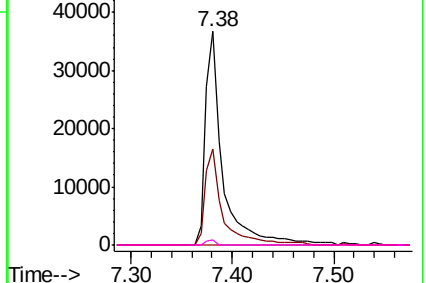


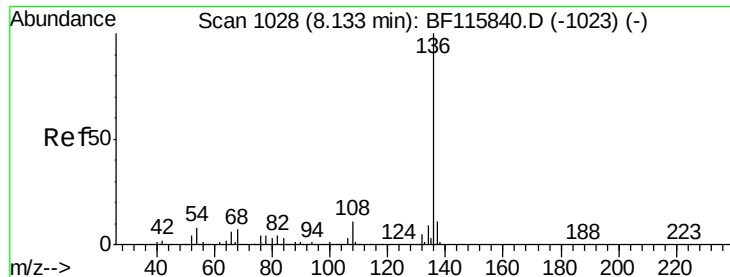
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

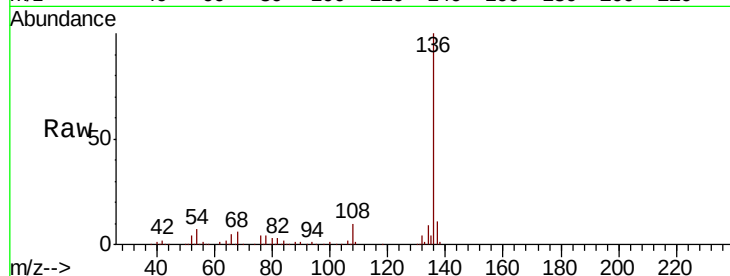




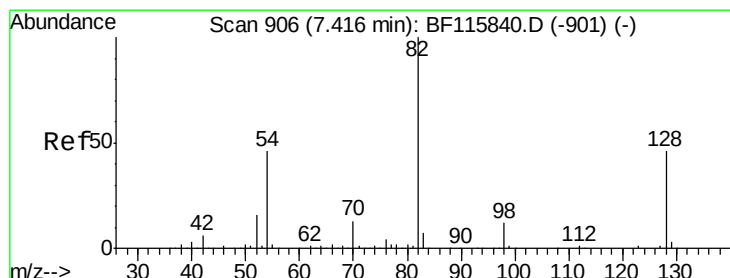
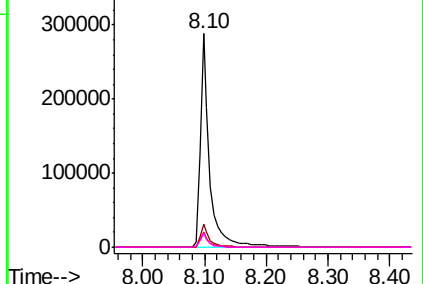
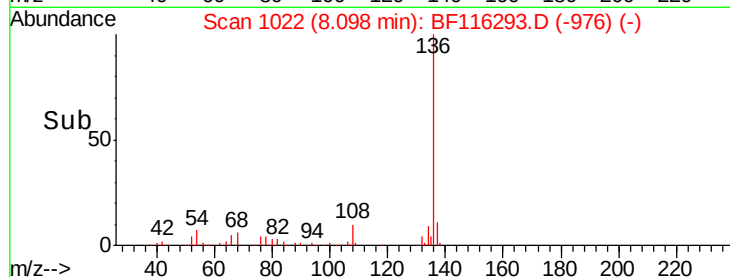
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.03 min
Lab File: BF116293.D
Acq: 15 Aug 2019 22:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	308581
Ion Ratio	Lower	Upper
136	100	
137	10.8	9.0 13.4
54	7.0	5.8 8.6
68	6.3	5.2 7.8

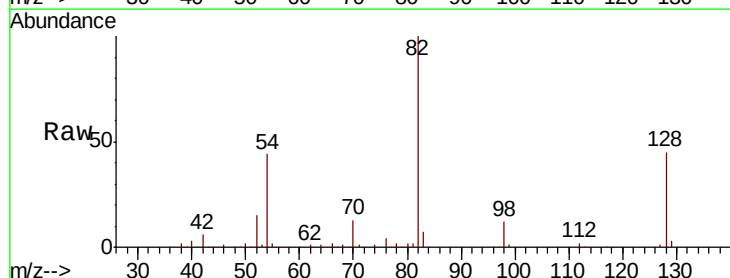


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

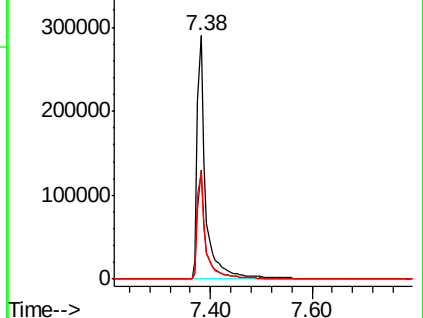
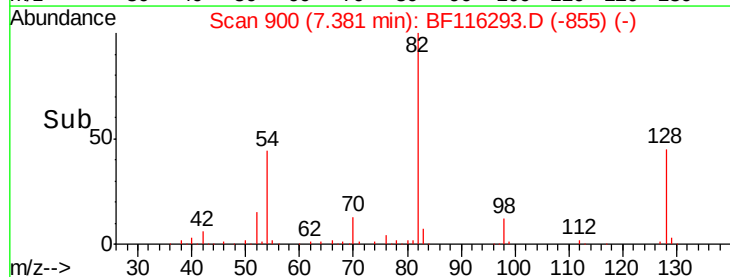


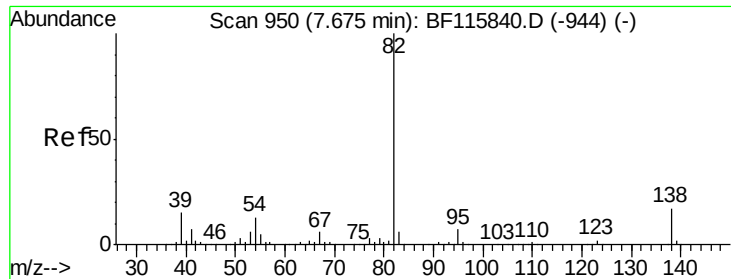
#23
Nitrobenzene-d5
Concen: 63.925 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.04 min
Lab File: BF116293.D
Acq: 15 Aug 2019 22:04

Tgt Ion: 82	Resp:	341735
Ion Ratio	Lower	Upper
82	100	
128	44.9	36.5 54.7
54	43.8	36.0 54.0



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: 33.433 ng

RT: 7.38 min Scan# 900

Delta R.T. -0.29 min

Lab File: BF116293.D

Acq: 15 Aug 2019 22:04

Instrument :

BNA_F

ClientSampleId :

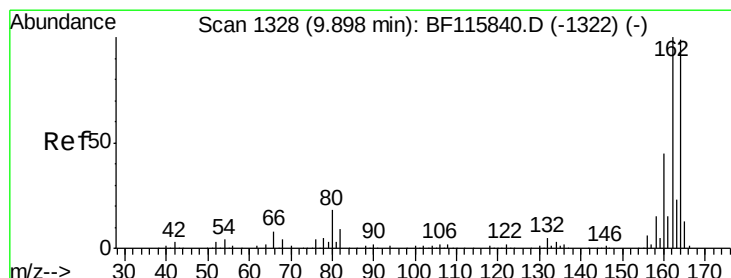
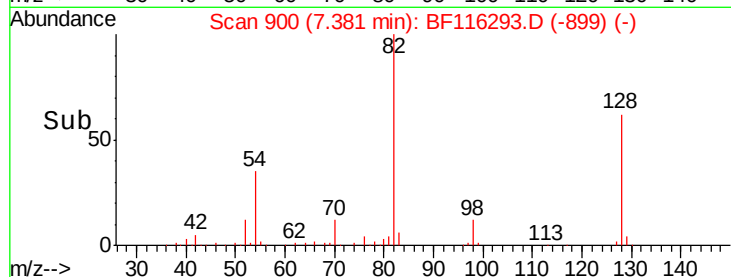
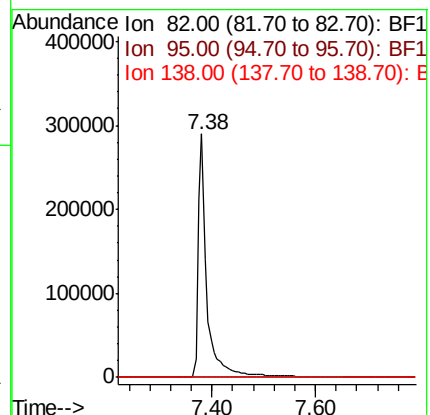
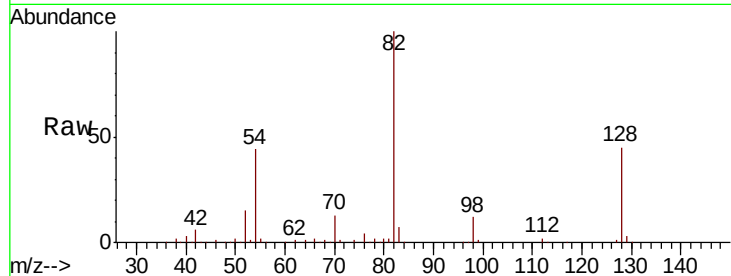
Tot Ion: 82 Resp: 341753

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: 9.85 min Scan# 1320

Delta R.T. -0.04 min

Lab File: BF116293.D

Acq: 15 Aug 2019 22:04

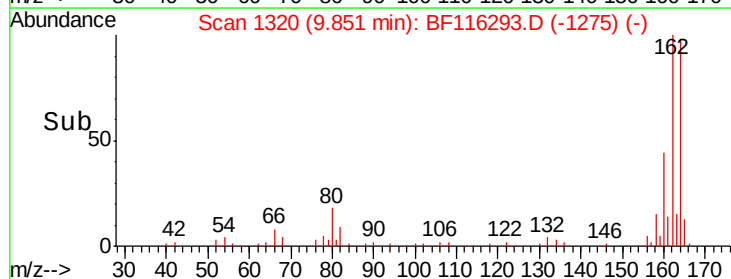
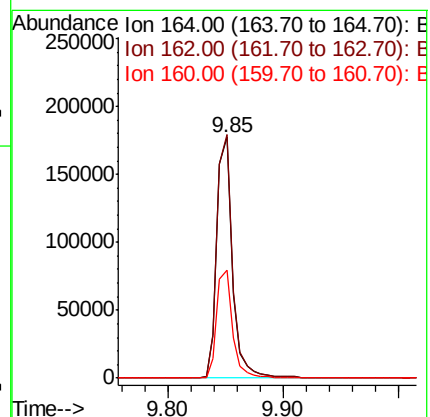
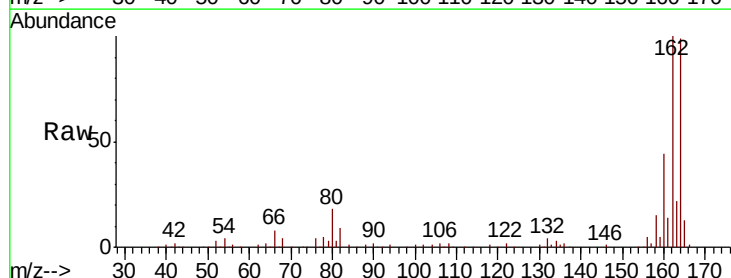
Tgt Ion: 164 Resp: 166601

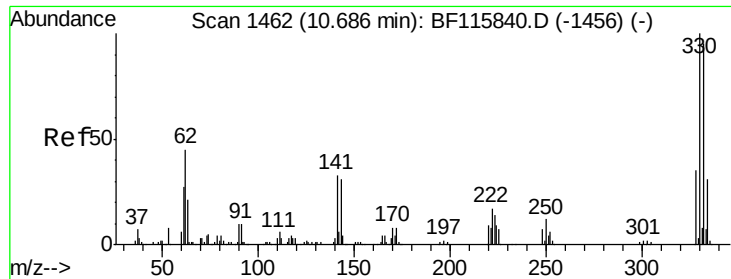
Ion Ratio Lower Upper

164 100

162 101.2 82.6 124.0

160 44.8 37.6 56.4

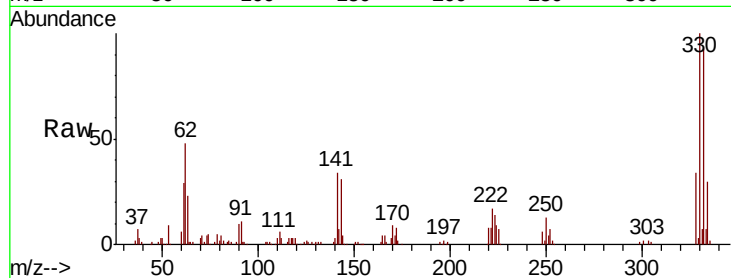




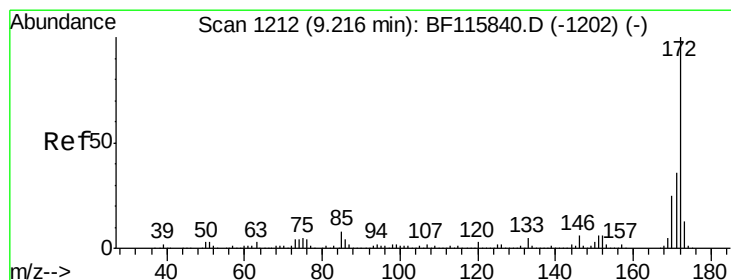
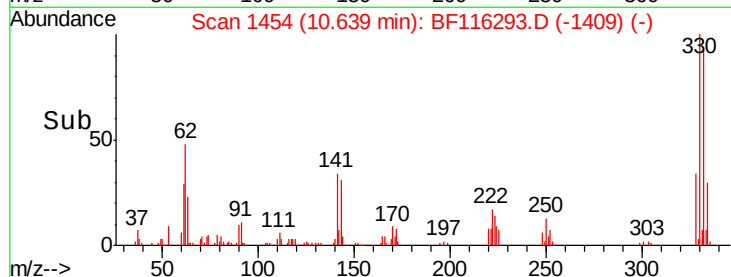
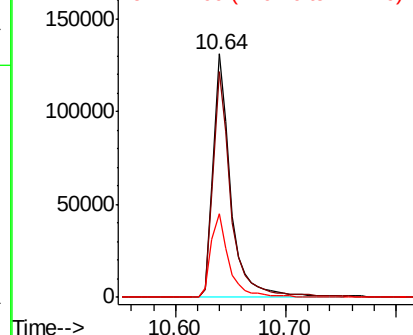
#42
 2,4,6-Tribromophenol
 Concen: 88.176 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.04 min
 Lab File: BF116293.D
 Acq: 15 Aug 2019 22:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.0	76.8	115.2
141	35.2	26.3	39.5

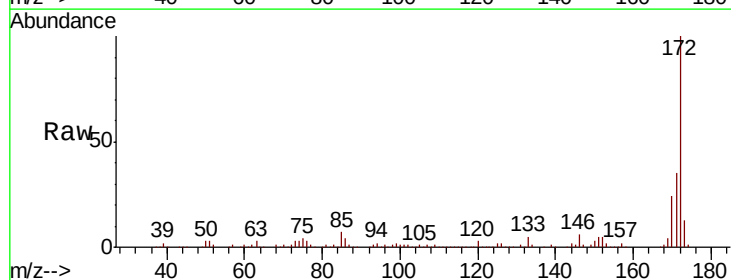


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

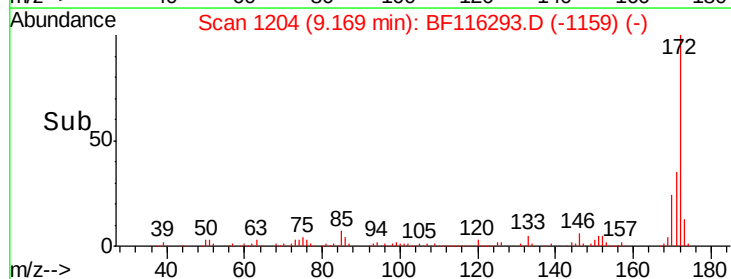
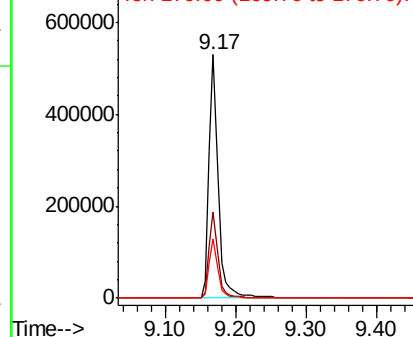


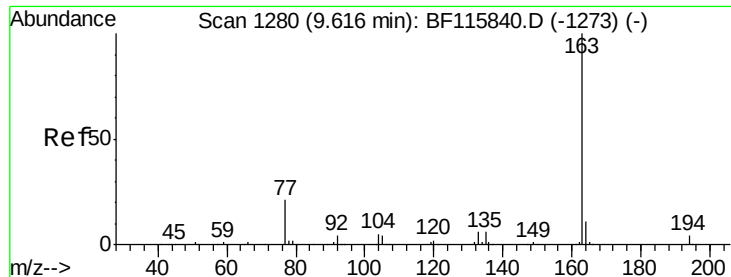
#45
 2-Fluorobiphenyl
 Concen: 53.958 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.04 min
 Lab File: BF116293.D
 Acq: 15 Aug 2019 22:04

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.6	44.4
170	24.2	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





#50

Dimethylphthalate

Concen: 12.305 ng

RT: 9.57 min Scan# 1272

Delta R.T. -0.04 min

Lab File: BF116293.D

Acq: 15 Aug 2019 22:04

Instrument :
BNA_F
ClientSampleId :

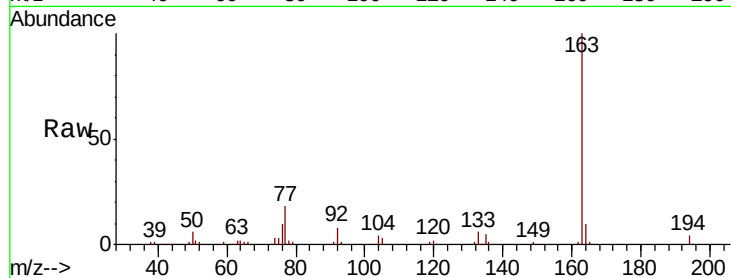
Tot Ion:163 Resp: 139579

Ion Ratio Lower Upper

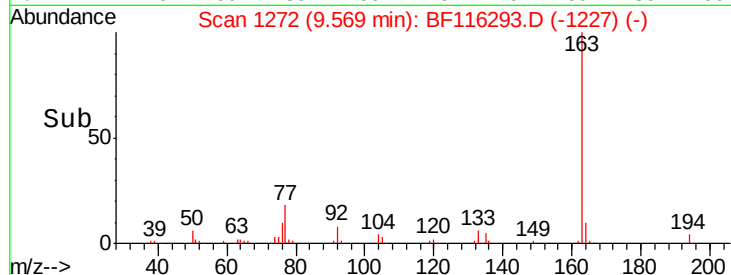
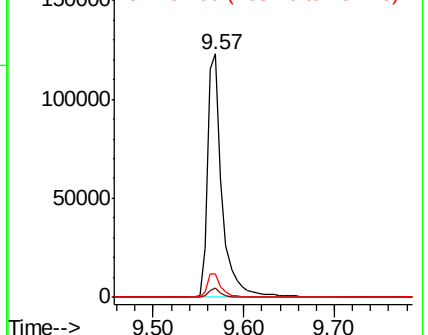
163 100

194 3.7 3.0 4.6

164 9.7 8.4 12.6



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: 6.423 ng

RT: 9.85 min Scan# 1320

Delta R.T. -0.23 min

Lab File: BF116293.D

Acq: 15 Aug 2019 22:04

Tgt Ion:165 Resp: 21083

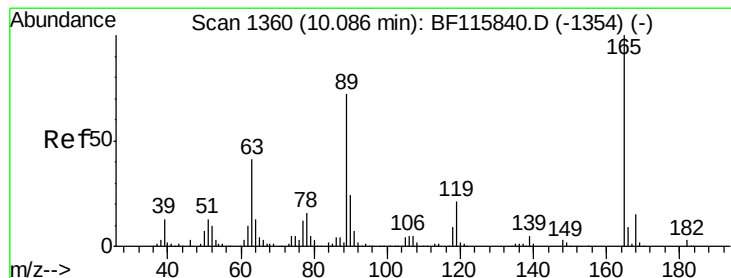
Ion Ratio Lower Upper

165 100

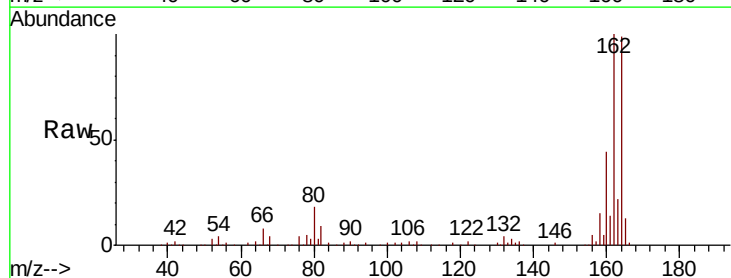
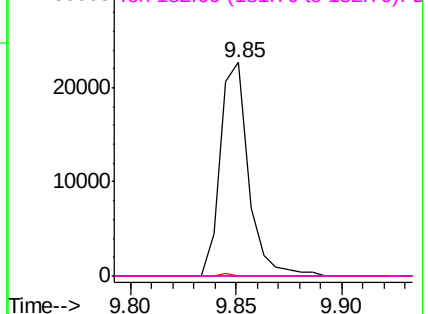
63 0.0 39.6 59.4#

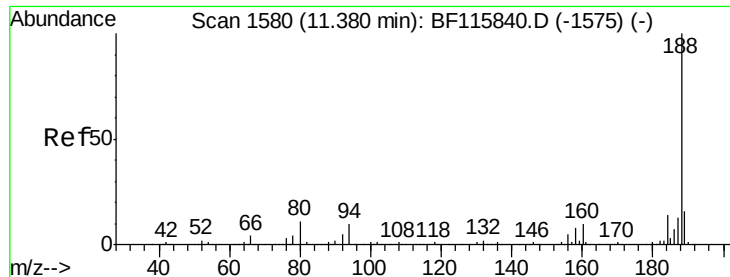
89 0.0 62.2 93.2#

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

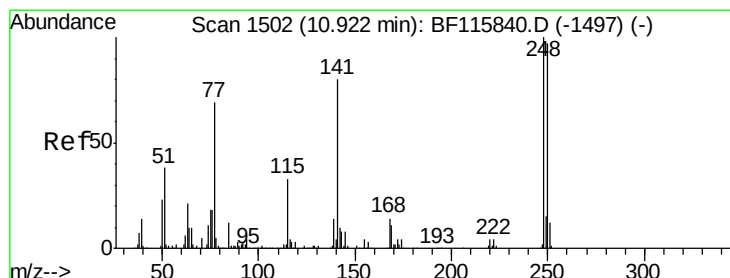
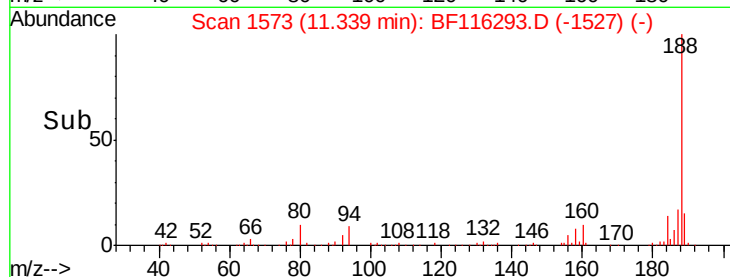
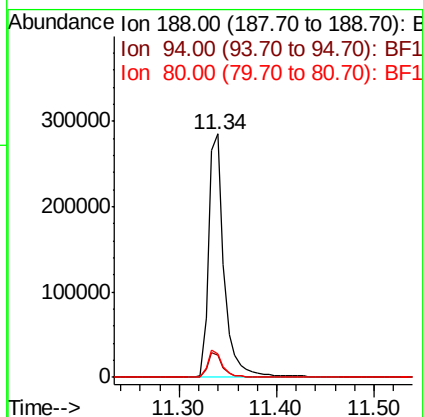
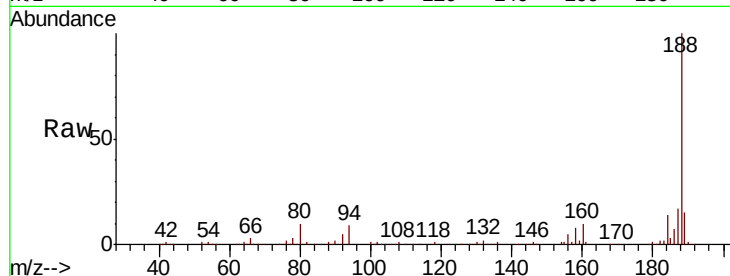




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.34 min Scan# 1573
 Delta R.T. -0.03 min
 Lab File: BF116293.D
 Acq: 15 Aug 2019 22:04

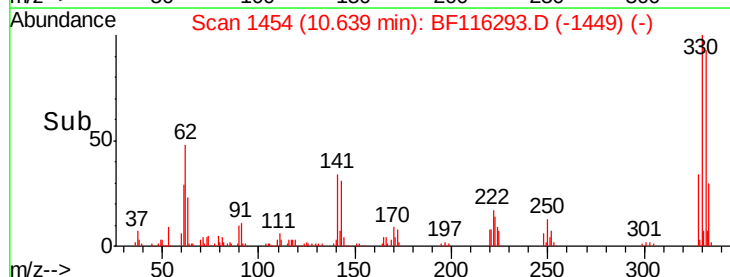
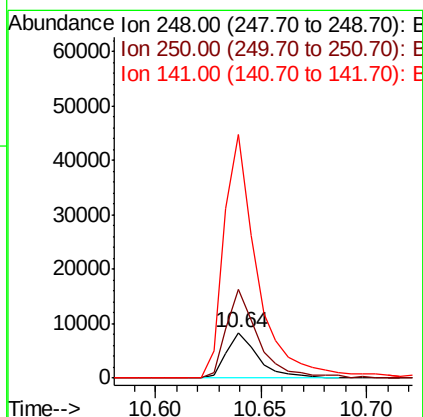
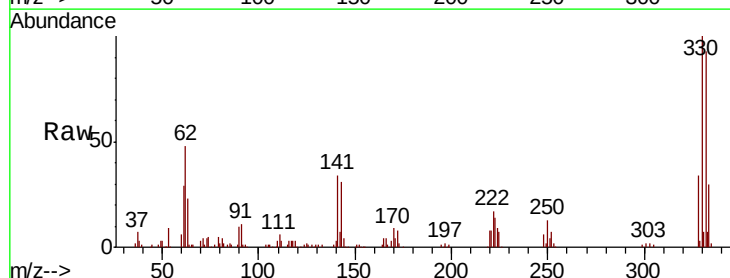
Instrument :
 BNA_F
 ClientSampleId :

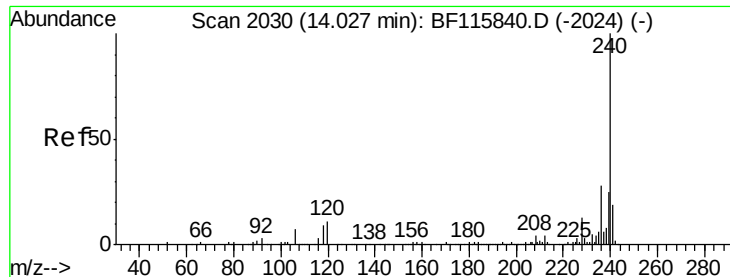
Tot Ion:188 Resp: 314106
 Ion Ratio Lower Upper
 188 100
 94 9.0 8.1 12.1
 80 9.8 8.7 13.1



#67
 4-Bromophenyl-phenylether
 Concen: 2.583 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.27 min
 Lab File: BF116293.D
 Acq: 15 Aug 2019 22:04

Tgt Ion:248 Resp: 8685
 Ion Ratio Lower Upper
 248 100
 250 196.1 77.4 116.2#
 141 534.6 56.8 85.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.98 min Scan# 2022

Delta R.T. -0.03 min

Lab File: BF116293.D

Acq: 15 Aug 2019 22:04

Instrument :

BNA_F

ClientSampleId :

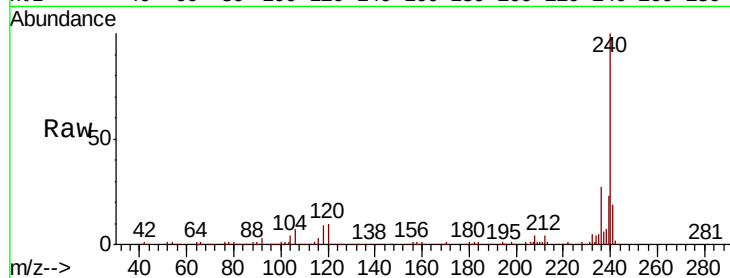
Tot Ion:240 Resp: 287591

Ion Ratio Lower Upper

240 100

120 10.2 10.7 16.1#

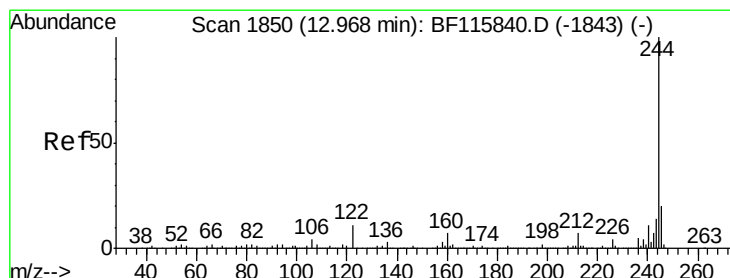
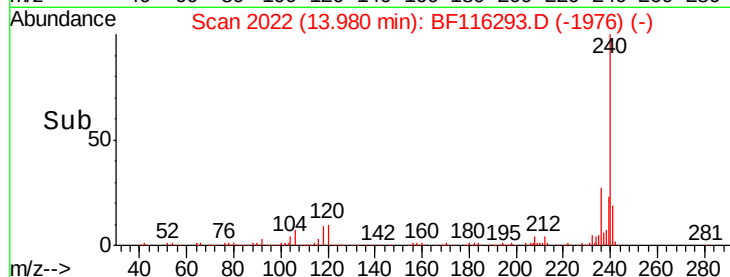
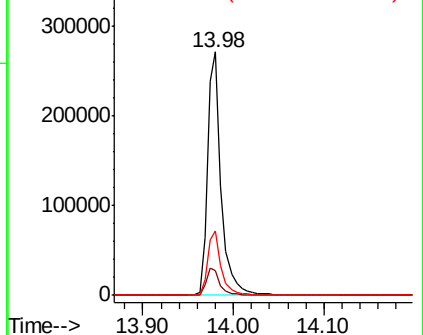
236 26.7 22.2 33.2



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: 37.477 ng

RT: 12.91 min Scan# 1840

Delta R.T. -0.04 min

Lab File: BF116293.D

Acq: 15 Aug 2019 22:04

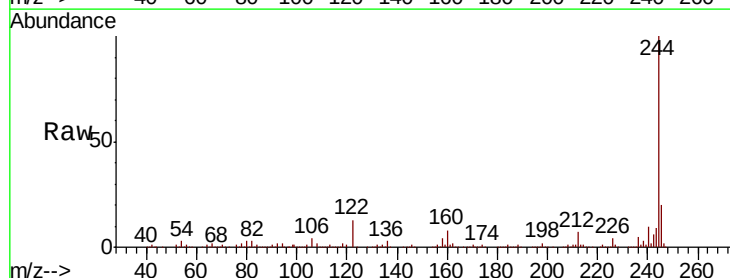
Tgt Ion:244 Resp: 511493

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

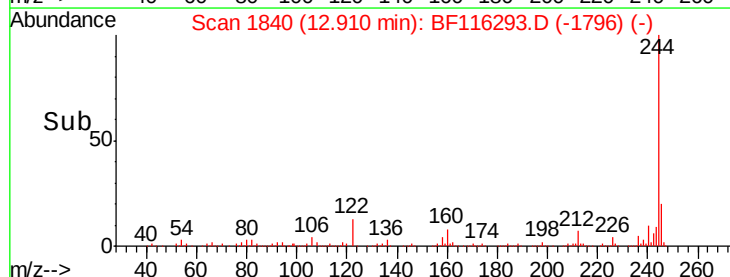
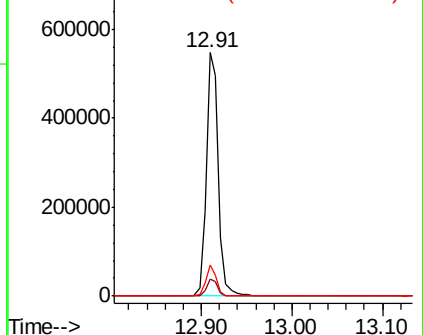
122 12.6 9.0 13.4

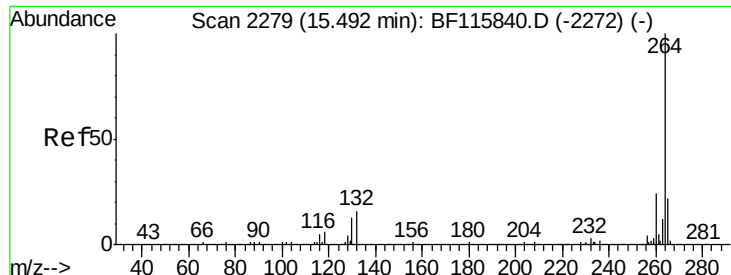


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Pervlone-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2269
Delta R.T. -0.04 min
Lab File: BF116293.D
Acq: 15 Aug 2019 22:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	264	Resp:	283718
Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.7	29.5
265	22.6	17.4	26.0

