

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091219\
 Data File : BF116995.D
 Acq On : 12 Sep 2019 16:42
 Operator : HP/JU
 Sample : K4822-11
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 13 07:45:33 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 12 08:24:39 2019
 Response via : Initial Calibration

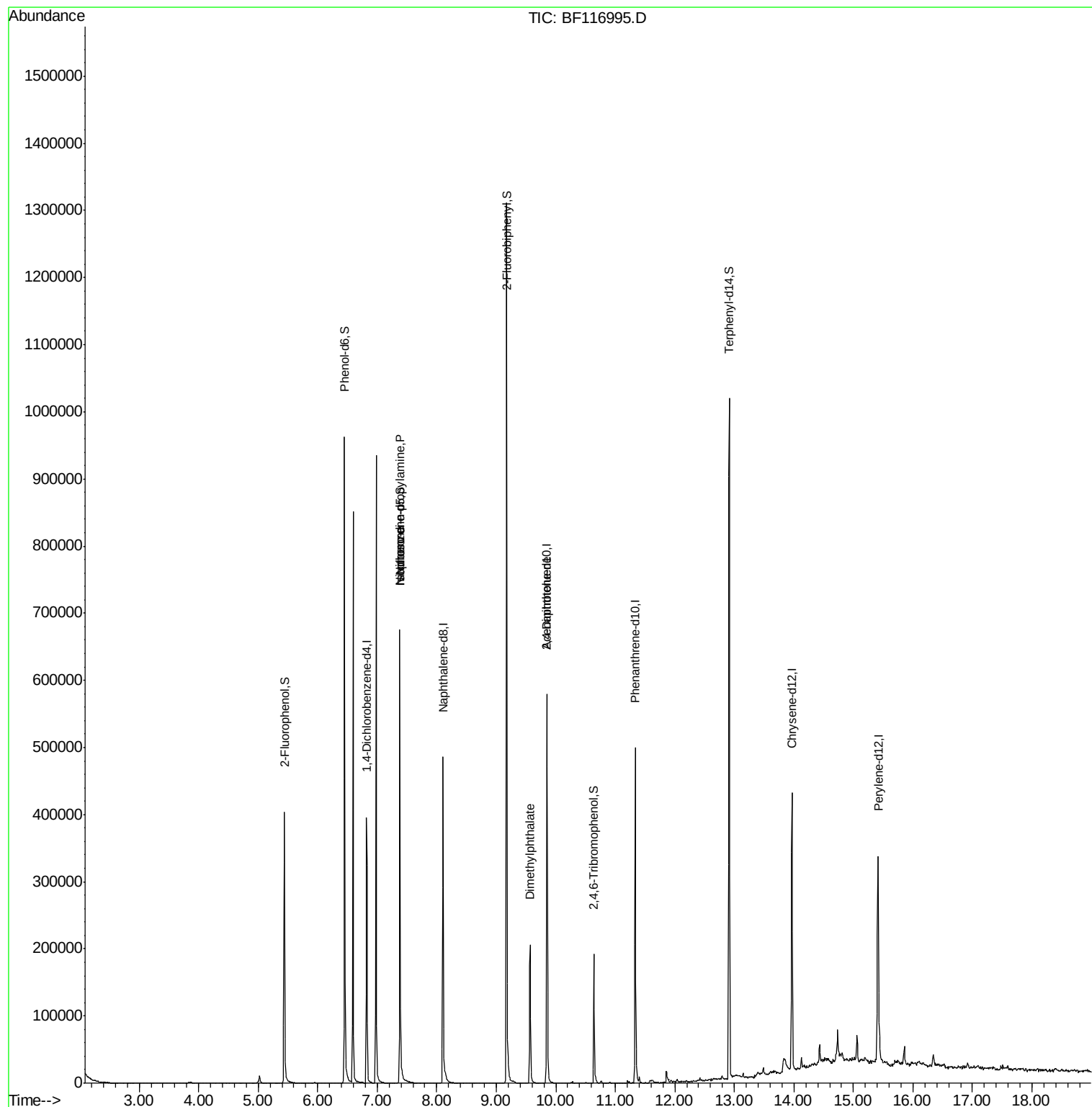
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	61340	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	250663	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	129448	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	203793	20.00	ng	0.00
76) Chrysene-d12	13.97	240	136897	20.00	ng	0.00
87) Perylene-d12	15.42	264	155128	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	129227	34.13	ng	0.00
7) Phenol-d6	6.45	99	346023	69.60	ng	-0.01
23) Nitrobenzene-d5	7.38	82	247353	56.33	ng	-0.01
42) 2,4,6-Tribromophenol	10.64	330	24488	28.30	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	400172	52.15	ng	0.00
79) Terphenyl-d14	12.92	244	330513	44.66	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.38	70	30909	9.442	ng	# 80
25) Isophorone	7.38	82	247351	27.800	ng	# 66
50) Dimethylphthalate	9.57	163	103176	11.545	ng	98
57) 2,4-Dinitrotoluene	9.85	165	16045	7.696	ng	# 18

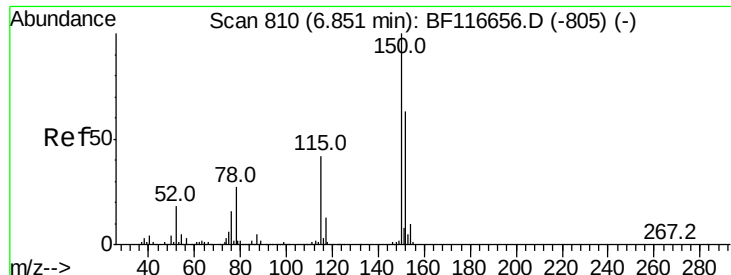
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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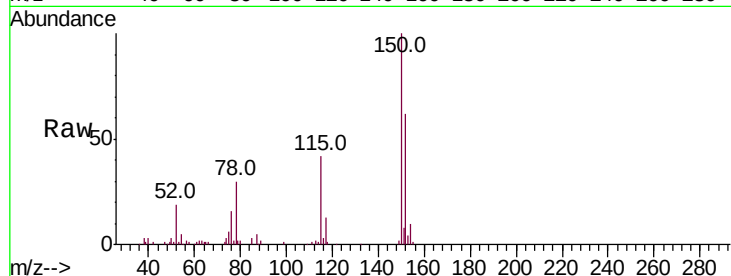


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. -0.01 min
Lab File: BF116995.D
Acq: 12 Sep 2019 16:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.3	126.2	189.2
115	67.1	50.2	75.2

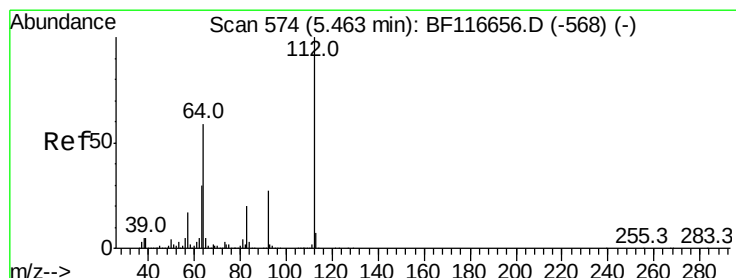
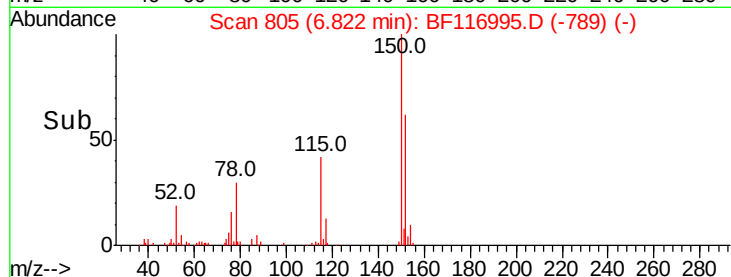
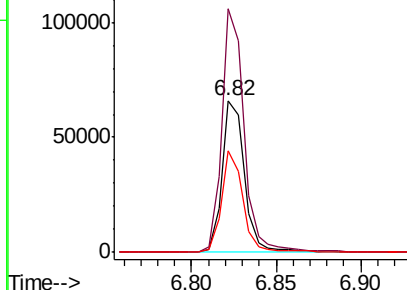


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

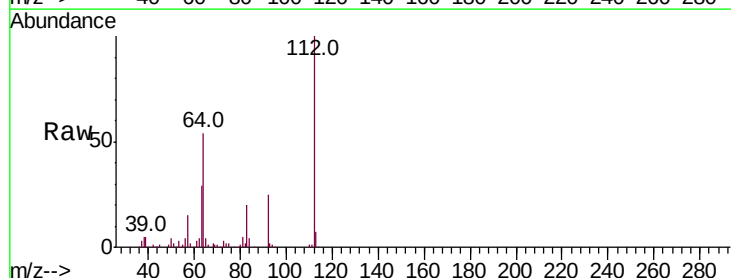
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 34.130 ng
RT: 5.44 min Scan# 570
Delta R.T. 0.00 min
Lab File: BF116995.D
Acq: 12 Sep 2019 16:42

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.6	47.1	70.7
63	29.3	25.4	38.0

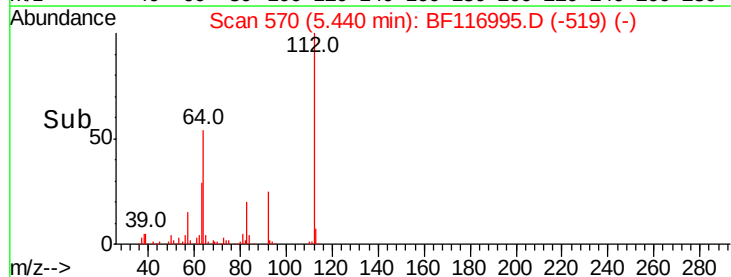
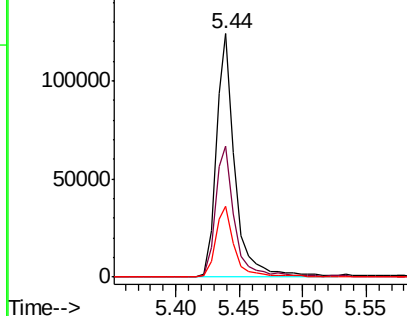


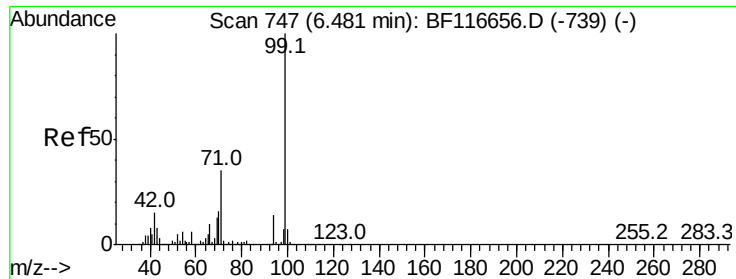
Abundance

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: 69.597 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF116995.D

Acq: 12 Sep 2019 16:42

Instrument :

BNA_F

ClientSampleId :

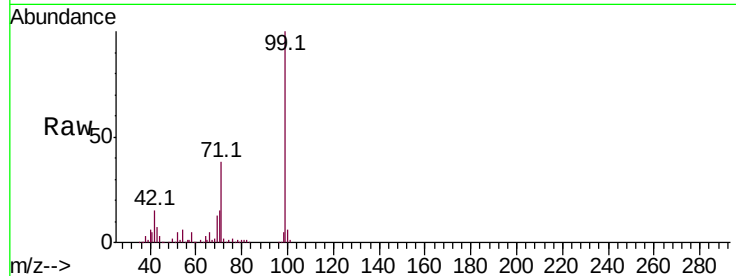
Tot Ion: 99 Resp: 346023

Ion Ratio Lower Upper

99 100

42 15.2 12.0 18.0

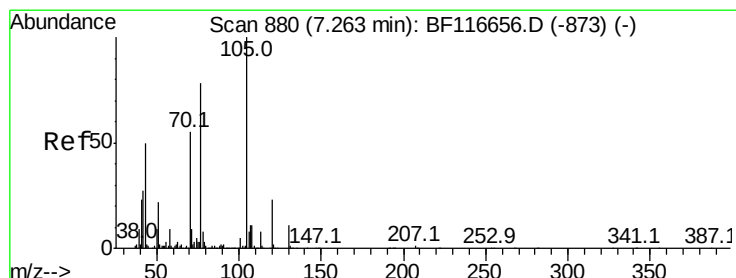
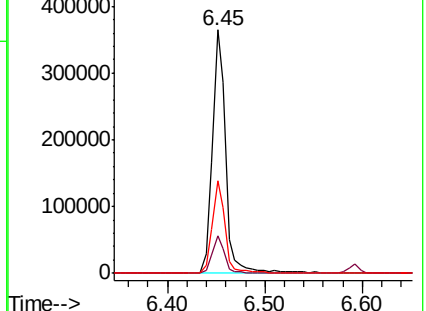
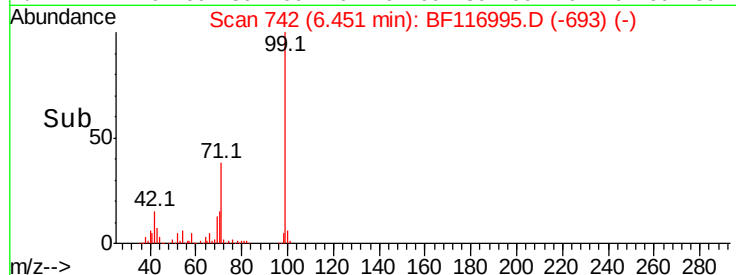
71 38.1 29.7 44.5



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: 9.442 ng

RT: 7.38 min Scan# 900

Delta R.T. 0.14 min

Lab File: BF116995.D

Acq: 12 Sep 2019 16:42

Tgt Ion: 70 Resp: 30909

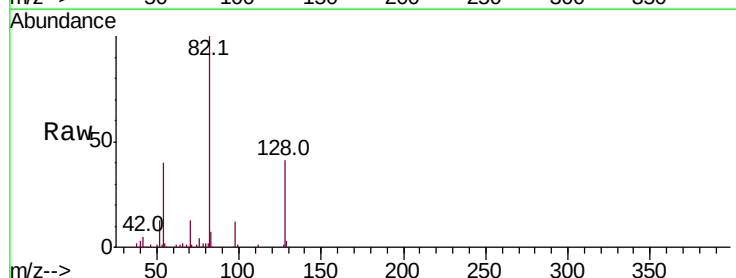
Ion Ratio Lower Upper

70 100

42 39.0 37.0 55.4

101 0.0 7.4 11.2#

130 1.6 16.0 24.0#

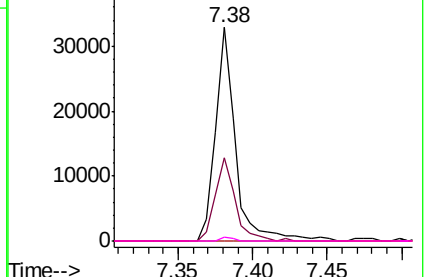
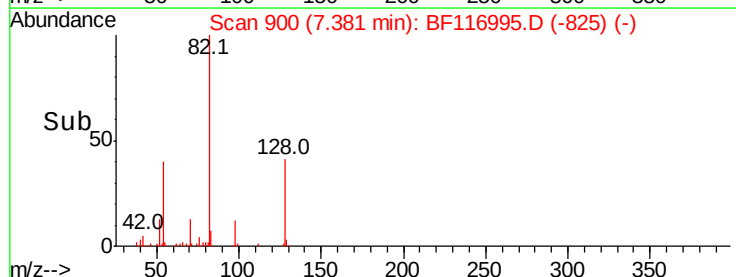


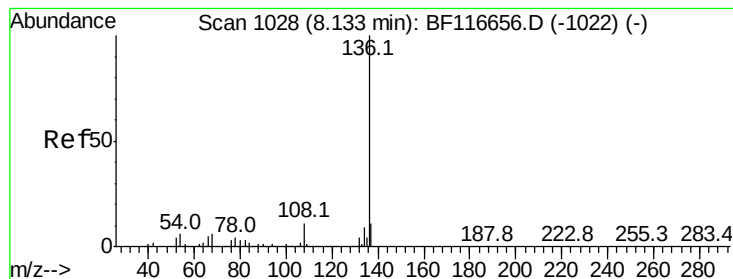
Abundance Ion 70.00 (69.70 to 70.70): BF1

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# 1023

Delta R.T. -0.01 min

Lab File: BF116995.D

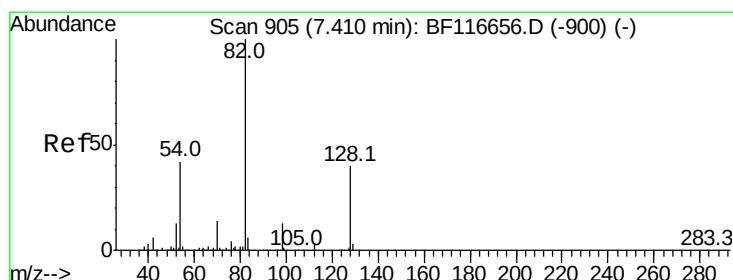
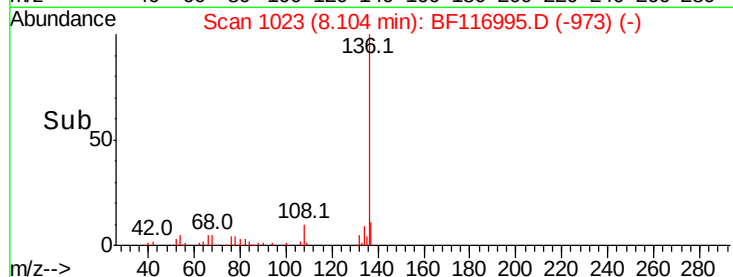
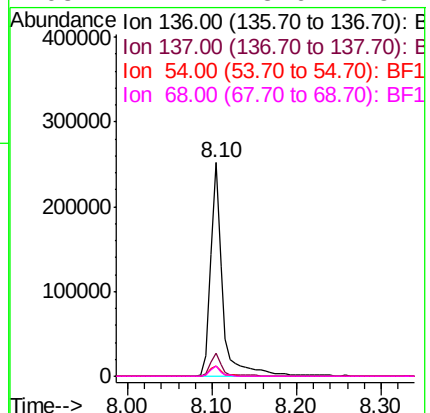
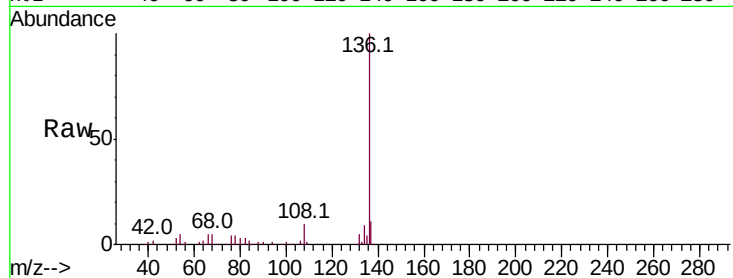
Acq: 12 Sep 2019 16:42

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136	Resp:	250663
Ion Ratio	Lower	Upper
136	100	
137	10.7	8.5 12.7
54	4.9	3.8 5.8
68	4.7	3.6 5.4



#23

Nitrobenzene-d5

Concen: 56.334 ng

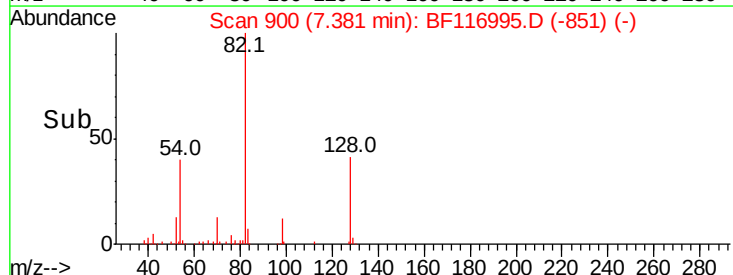
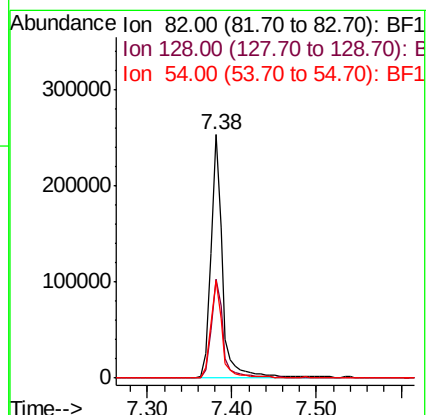
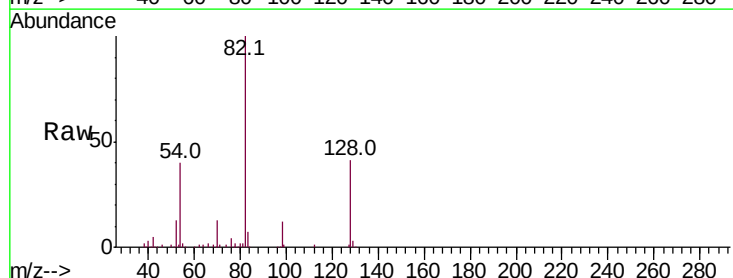
RT: 7.38 min Scan# 900

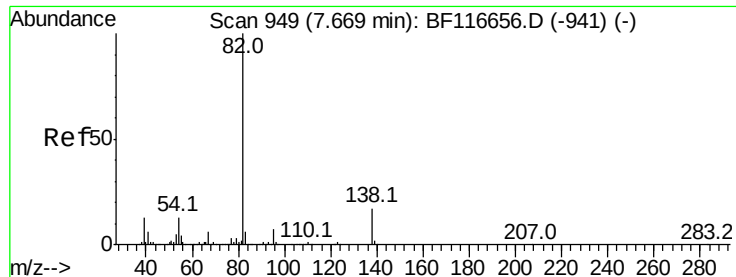
Delta R.T. -0.01 min

Lab File: BF116995.D

Acq: 12 Sep 2019 16:42

Tgt Ion: 82	Resp:	247353
Ion Ratio	Lower	Upper
82	100	
128	40.7	35.0 52.4
54	40.3	32.6 48.8





#25

Isophorone

Concen: 27.800 ng

RT: 7.38 min Scan# 900

Delta R.T. -0.26 min

Lab File: BF116995.D

Acq: 12 Sep 2019 16:42

Instrument :

BNA_F

ClientSampleId :

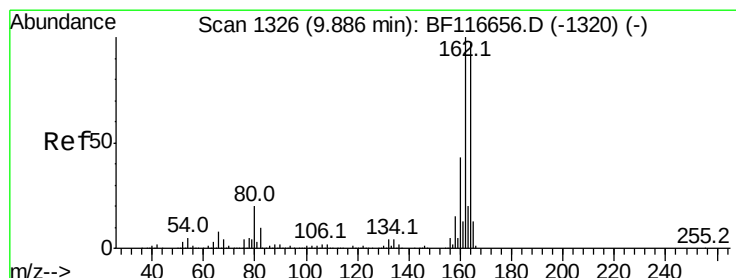
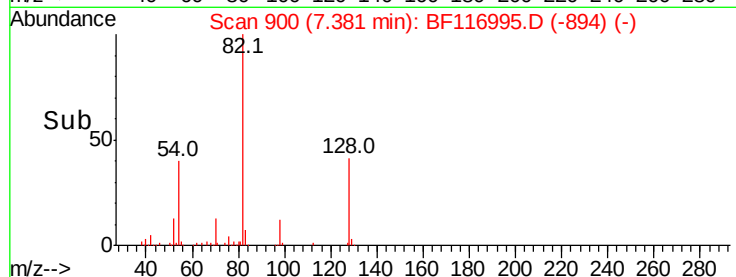
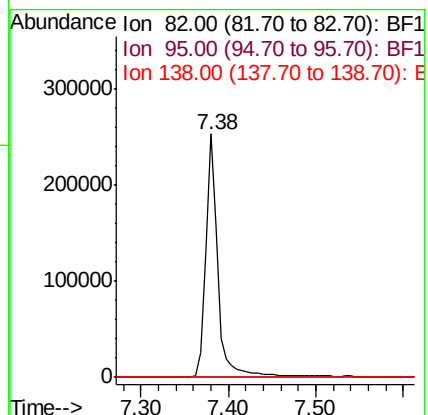
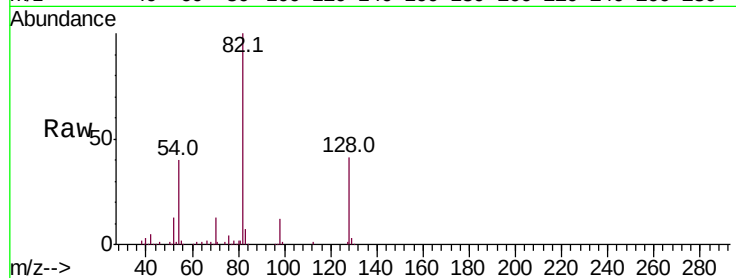
Tot Ion: 82 Resp: 247351

Ion Ratio Lower Upper

82 100

95 0.0 6.0 9.0#

138 0.0 13.4 20.2#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BF116995.D

Acq: 12 Sep 2019 16:42

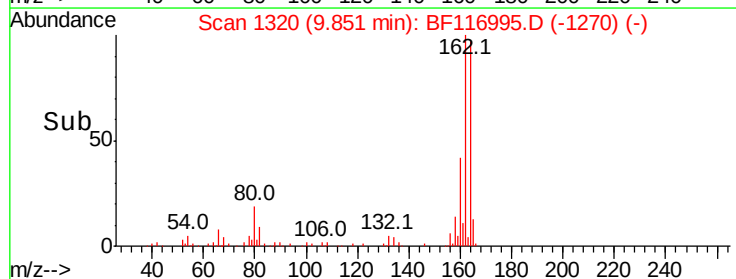
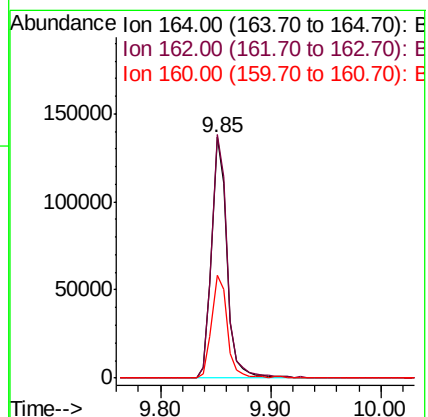
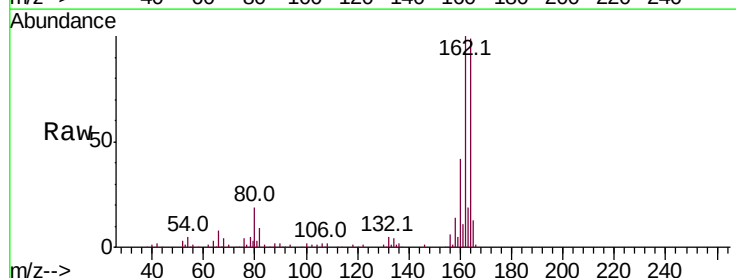
Tgt Ion: 164 Resp: 129448

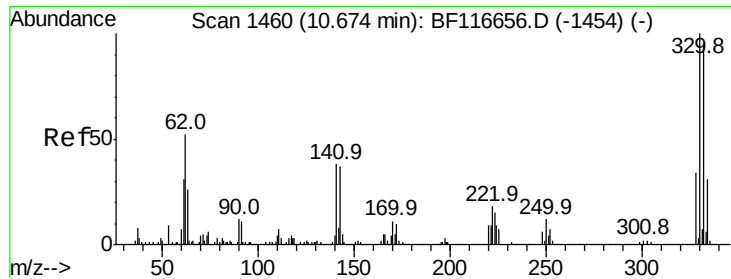
Ion Ratio Lower Upper

164 100

162 101.2 81.8 122.6

160 42.7 35.7 53.5

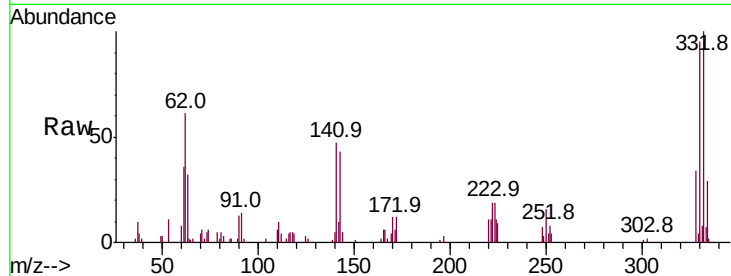




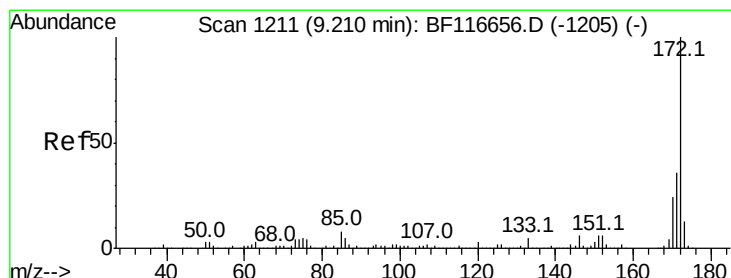
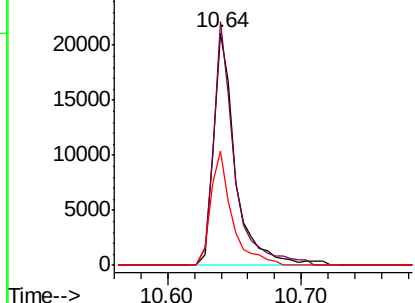
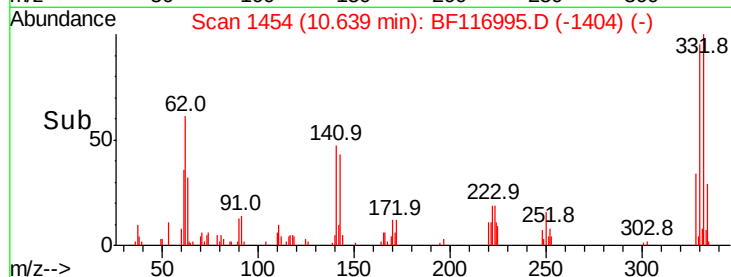
#42
 2,4,6-Tribromophenol
 Concen: 28.297 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.01 min
 Lab File: BF116995.D
 Acq: 12 Sep 2019 16:42

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	99.3	75.9	113.9
141	47.1	35.6	53.4

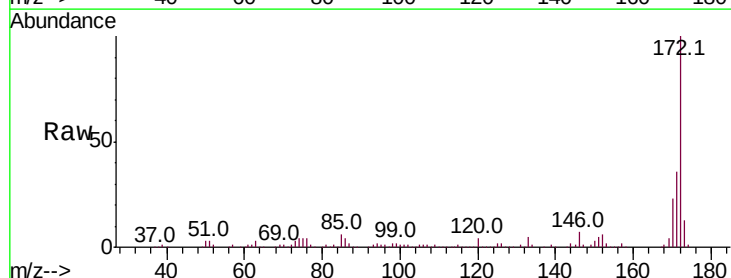


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

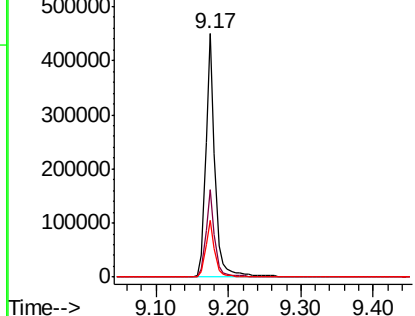
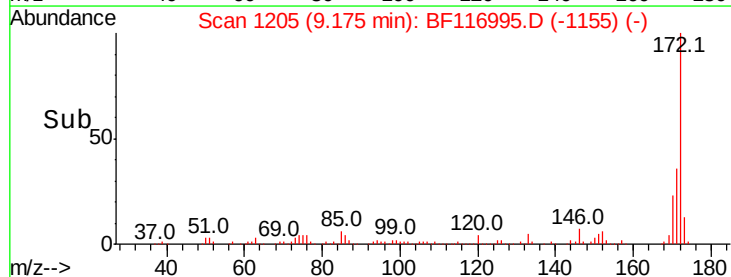


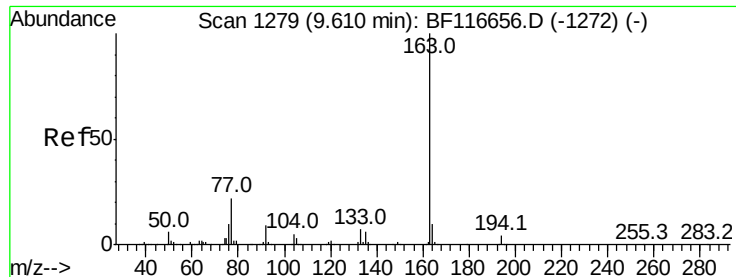
#45
 2-Fluorobiphenyl
 Concen: 52.148 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.01 min
 Lab File: BF116995.D
 Acq: 12 Sep 2019 16:42

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.1	43.7
170	23.2	19.2	28.8



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

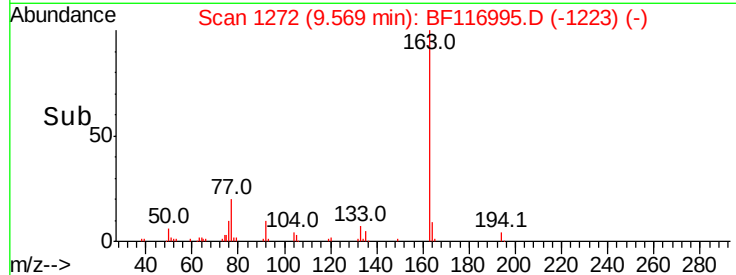
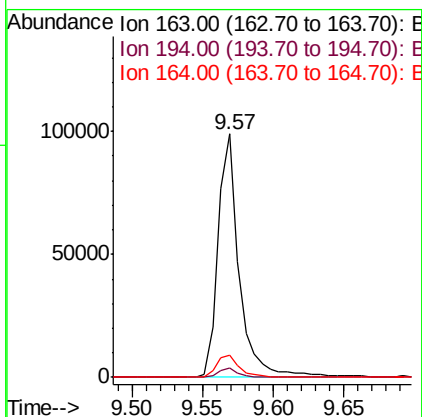
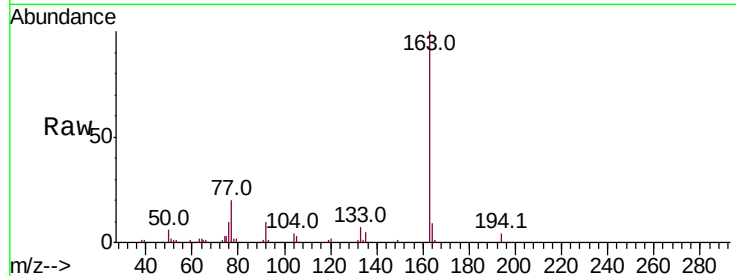




#50
Dimethylphthalate
Concen: 11.545 ng
RT: 9.57 min Scan# 1272
Delta R.T. -0.01 min
Lab File: BF116995.D
Acq: 12 Sep 2019 16:42

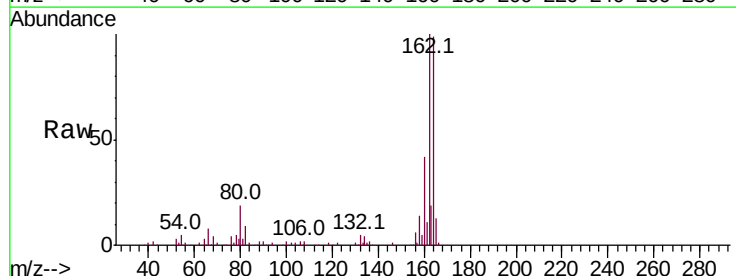
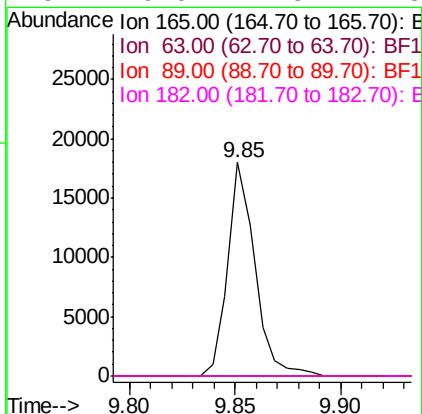
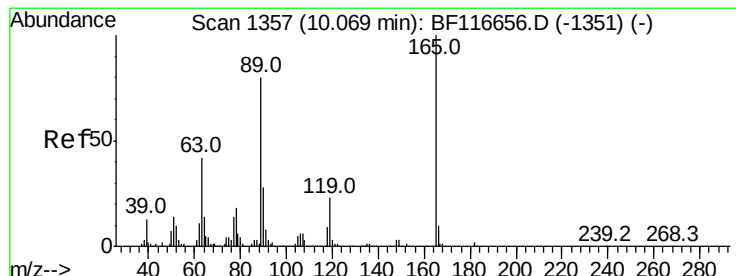
Instrument :
BNA_F
ClientSampled :

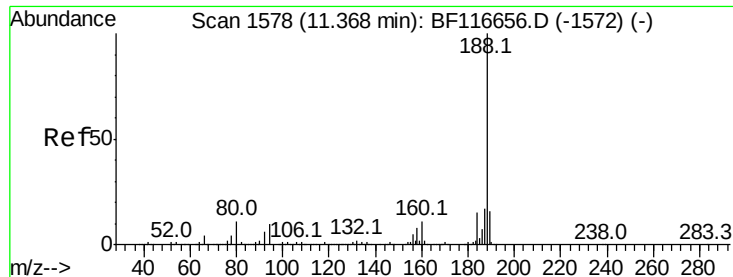
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.7	4.1
164	9.3	8.2	12.4



#57
2,4-Dinitrotoluene
Concen: 7.696 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.19 min
Lab File: BF116995.D
Acq: 12 Sep 2019 16:42

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.2	54.2#
89	0.0	66.1	99.1#
182	0.0	1.8	2.8#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.33 min Scan# 1572

Delta R.T. -0.01 min

Lab File: BF116995.D

Acq: 12 Sep 2019 16:42

Instrument :

BNA_F

ClientSampled :

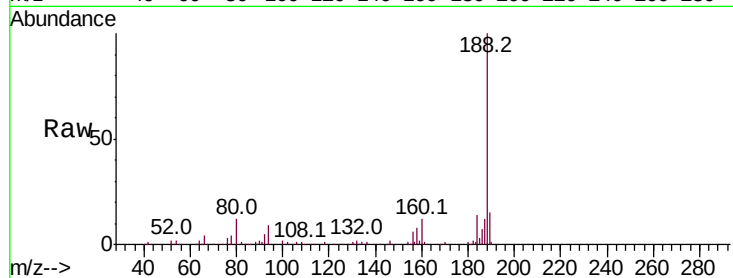
Tot Ion:188 Resp: 203793

Ion Ratio Lower Upper

188 100

94 9.4 7.4 11.2

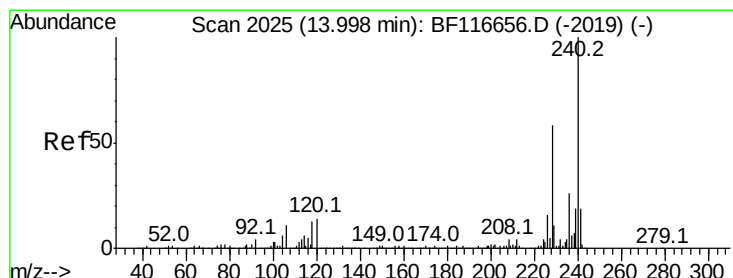
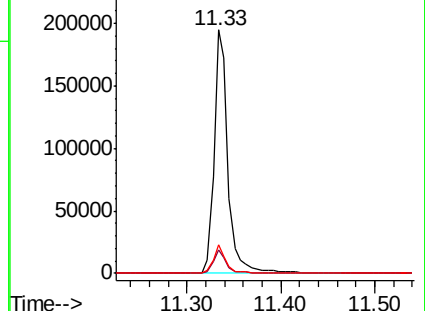
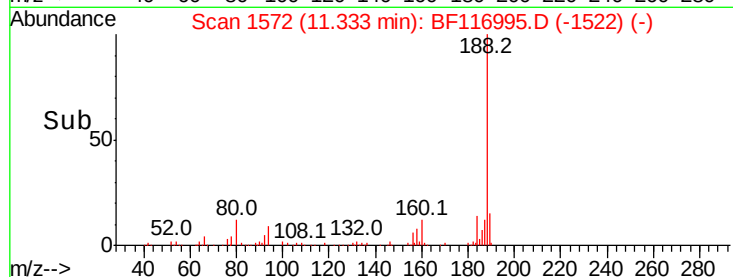
80 11.9 8.5 12.7



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.01 min

Lab File: BF116995.D

Acq: 12 Sep 2019 16:42

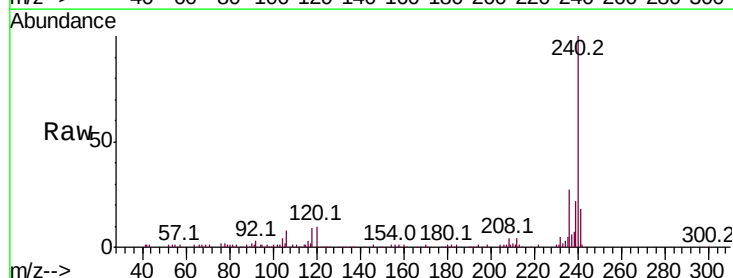
Tgt Ion:240 Resp: 136897

Ion Ratio Lower Upper

240 100

120 10.2 9.1 13.7

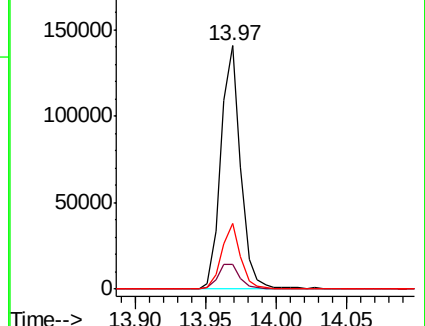
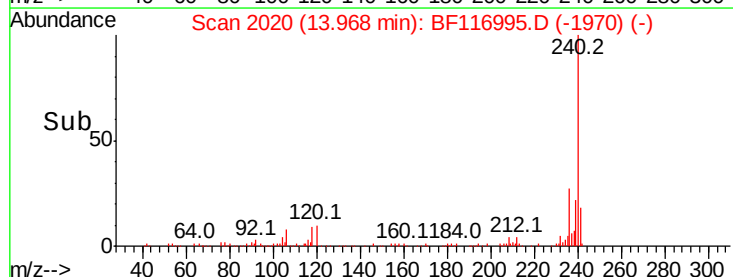
236 26.8 20.9 31.3

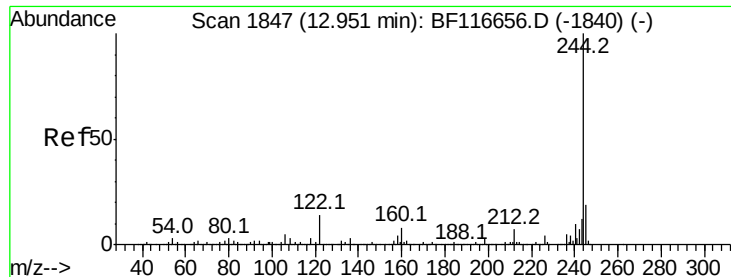


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 44.663 ng

RT: 12.92 min Scan# 1841

Delta R.T. -0.01 min

Lab File: BF116995.D

Acq: 12 Sep 2019 16:42

Instrument :

BNA_F

ClientSampled :

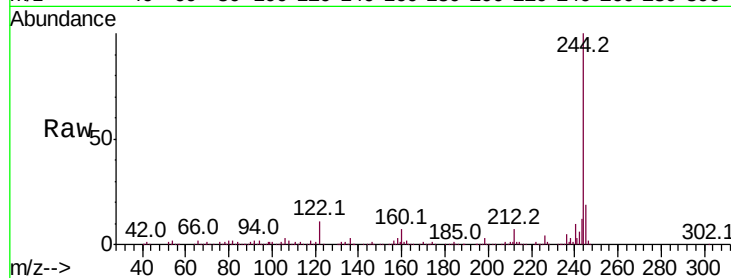
Tot Ion:244 Resp: 330513

Ion Ratio Lower Upper

244 100

212 6.8 5.7 8.5

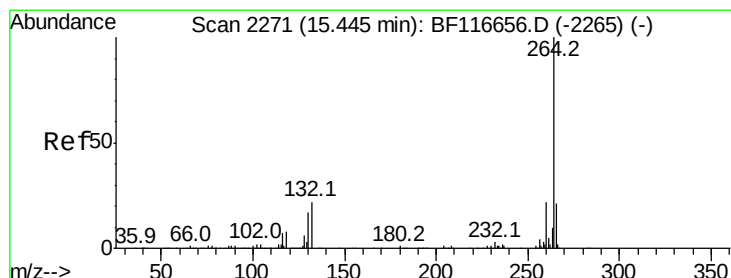
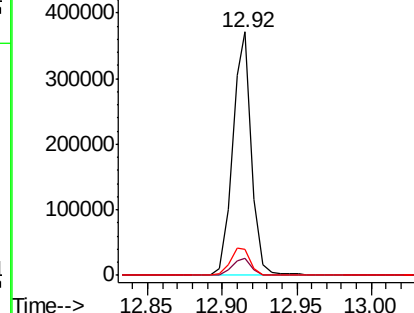
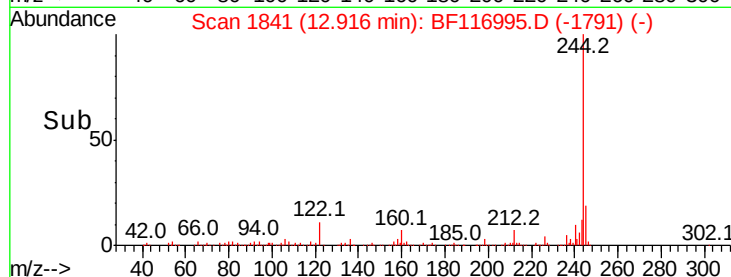
122 10.9 11.5 17.3#



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# 2266

Delta R.T. 0.00 min

Lab File: BF116995.D

Acq: 12 Sep 2019 16:42

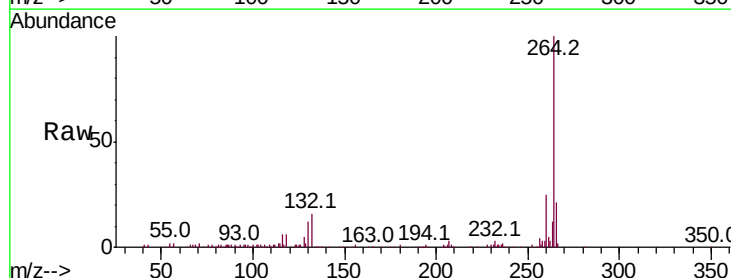
Tgt Ion:264 Resp: 155128

Ion Ratio Lower Upper

264 100

260 24.5 19.0 28.4

265 20.9 17.9 26.9



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

