

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083119\
 Data File : BF116736.D
 Acq On : 1 Sep 2019 9:57
 Operator : HP/JU
 Sample : K4580-23
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T12-B1-B4-(0-3.5)

Quant Time: Sep 02 06:55:16 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 30 20:02:30 2019
 Response via : Initial Calibration

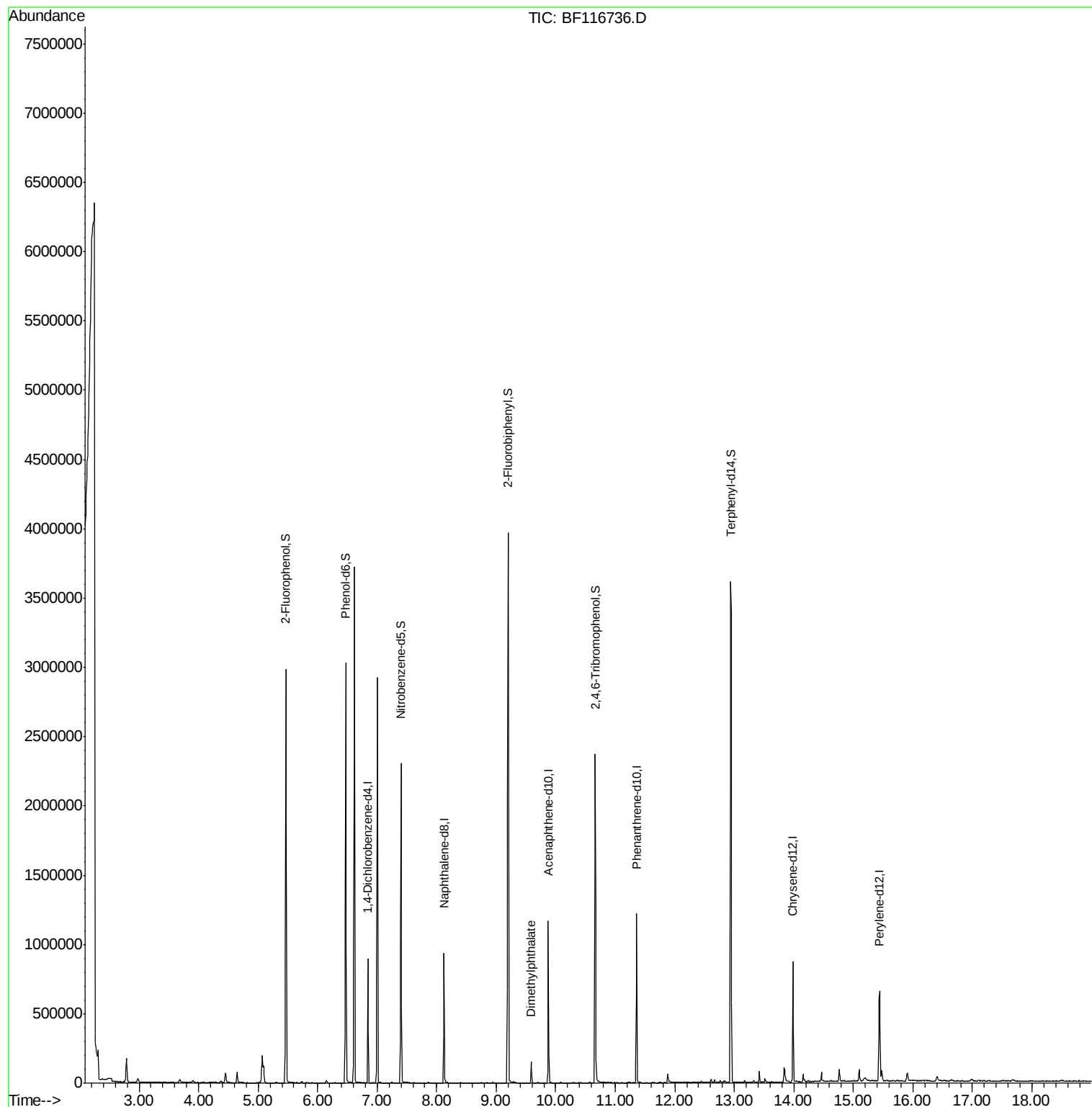
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	117788	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	463685	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	237389	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	383315	20.00	ng	-0.01
76) Chrysene-d12	13.99	240	250553	20.00	ng	-0.01
87) Perylene-d12	15.44	264	296017	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	888919	122.26	ng	0.00
7) Phenol-d6	6.47	99	1058017	110.82	ng	0.00
23) Nitrobenzene-d5	7.40	82	818544	100.78	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	250985	158.15	ng	-0.01
45) 2-Fluorobiphenyl	9.20	172	1333860	94.78	ng	-0.01
79) Terphenyl-d14	12.95	244	1295440	95.65	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.59	163	59433	3.626	ng	Qvalue 99

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

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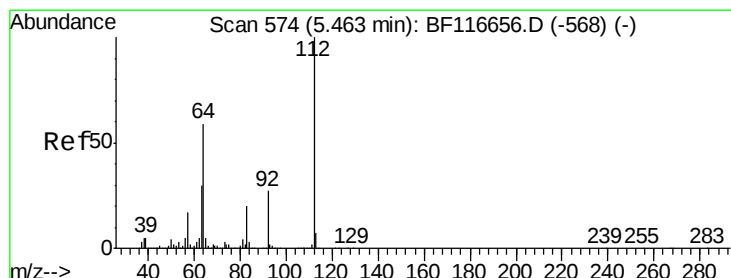
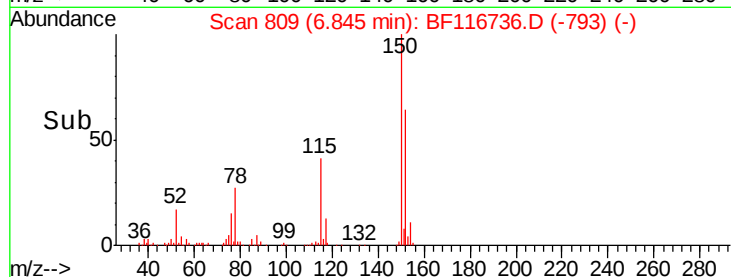
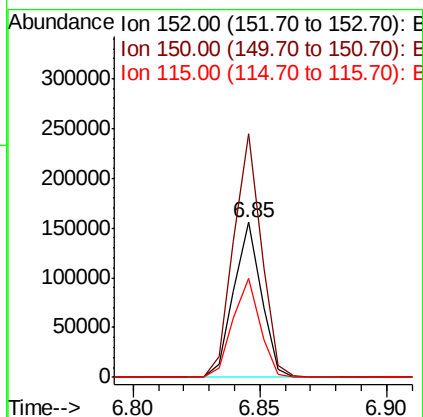
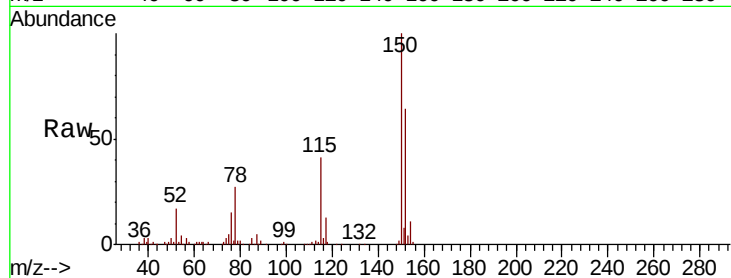


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF116736.D
Acq: 1 Sep 2019 9:57

Instrument :
BNA_F
ClientSampleId :
T12-B1-B4-(0-3.5)

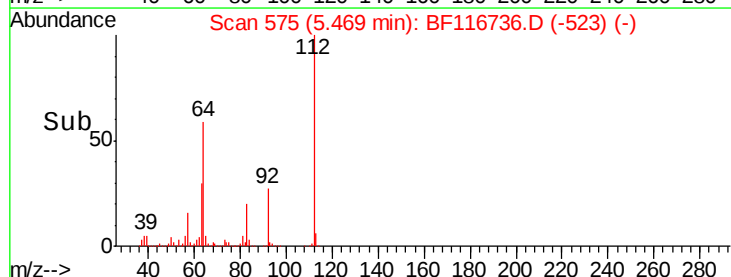
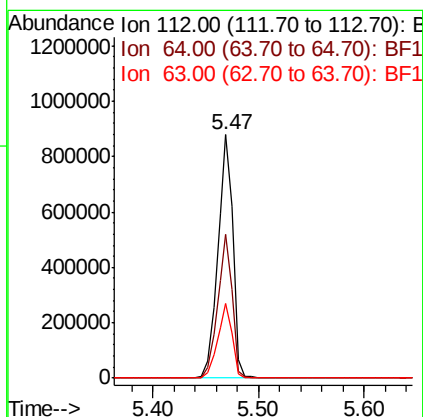
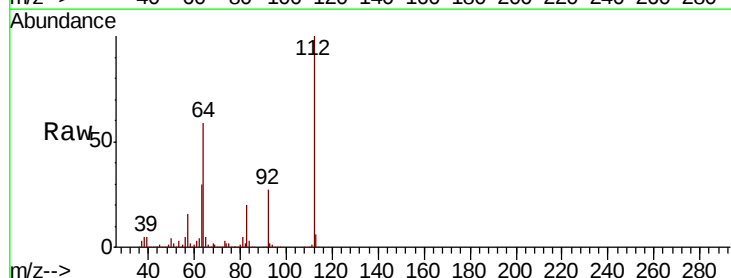
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.2	124.4	186.6
115	64.2	49.9	74.9



#5

2-Fluorophenol
Concen: 122.262 ng
RT: 5.47 min Scan# 575
Delta R.T. 0.01 min
Lab File: BF116736.D
Acq: 1 Sep 2019 9:57

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.0	47.1	70.7
63	30.4	24.9	37.3





#7

Phenol-d6

Concen: 110.821 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF116736.D

Acq: 1 Sep 2019 9:57

Instrument :

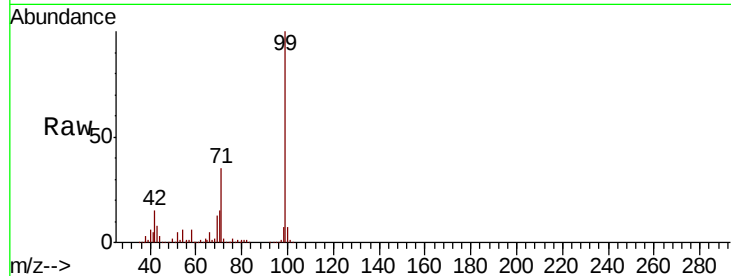
BNA_F

ClientSampleId :

T12-B1-B4-(0-3.5)

Tot Ion: 99 Resp: 1058017

Ion	Ratio	Lower	Upper
99	100		
42	15.1	13.7	20.5
71	34.6	30.8	46.2

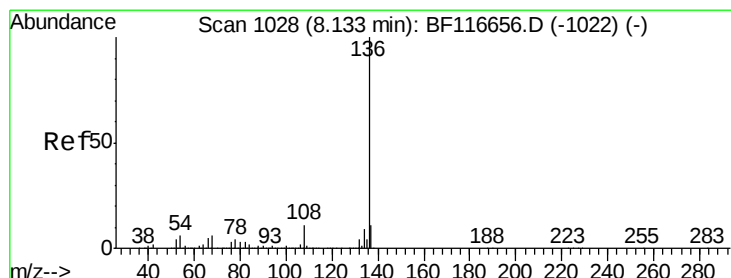
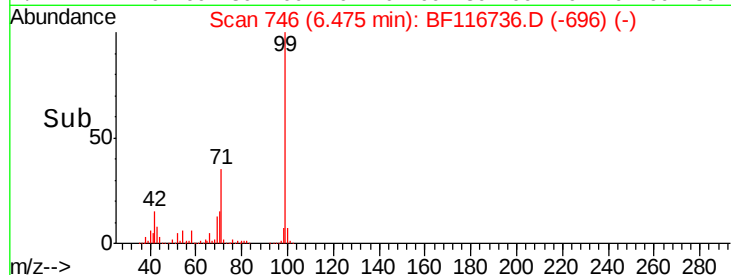


Abundance

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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1027

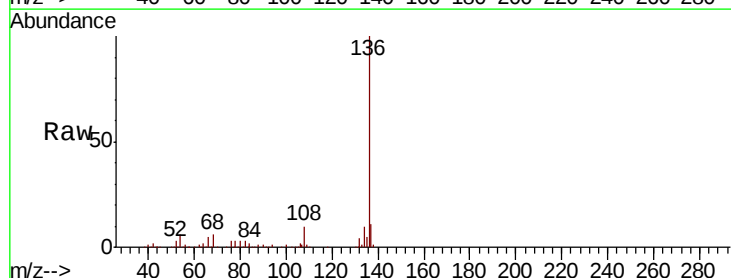
Delta R.T. -0.01 min

Lab File: BF116736.D

Acq: 1 Sep 2019 9:57

Tgt Ion: 136 Resp: 463685

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	5.8	4.8	7.2
68	5.7	4.0	6.0



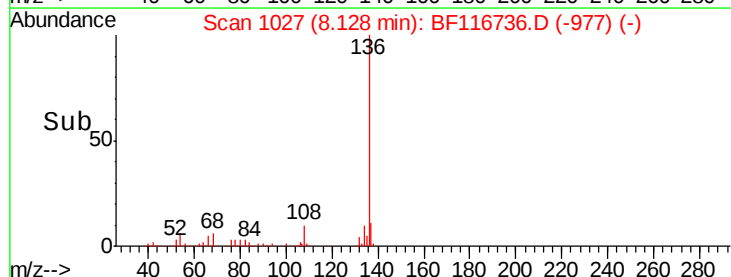
Abundance

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

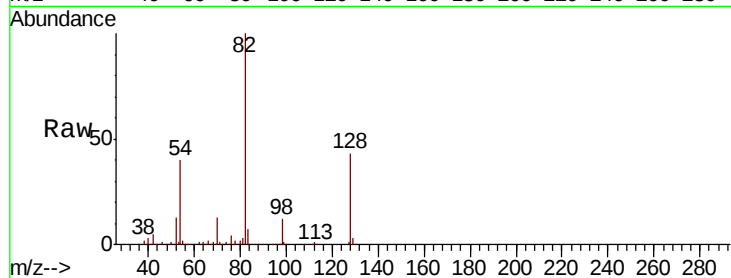




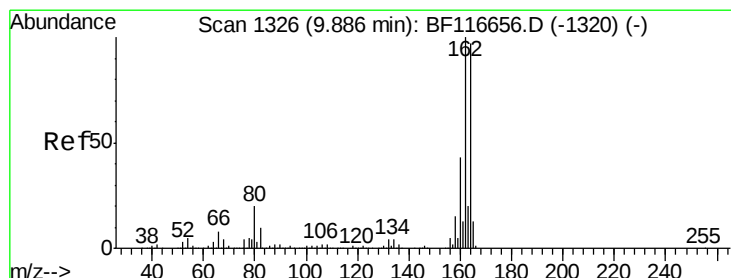
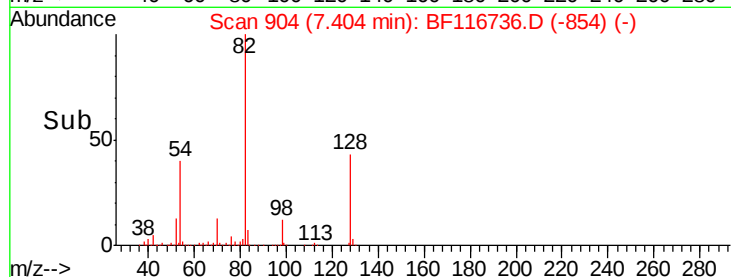
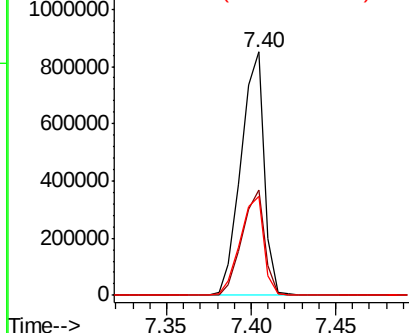
#23
 Nitrobenzene-d5
 Concen: 100.776 ng
 RT: 7.40 min Scan# 904
 Delta R.T. -0.01 min
 Lab File: BF116736.D
 Acq: 1 Sep 2019 9:57

Instrument :
 BNA_F
 ClientSampleId :
 T12-B1-B4-(0-3.5)

Tot Ion	82	Resp	818544
Ion Ratio	Lower	Upper	
82	100		
128	43.5	32.8	49.2
54	40.5	36.9	55.3

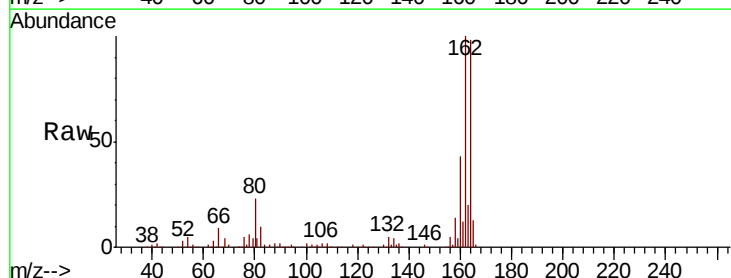


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

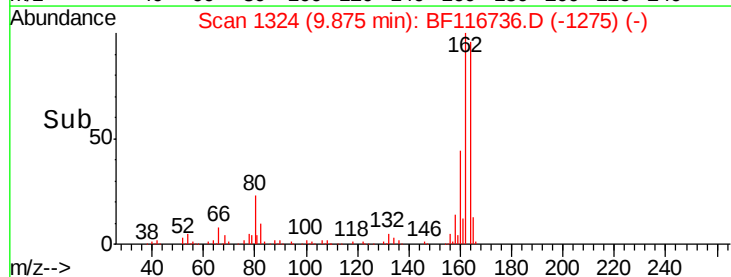
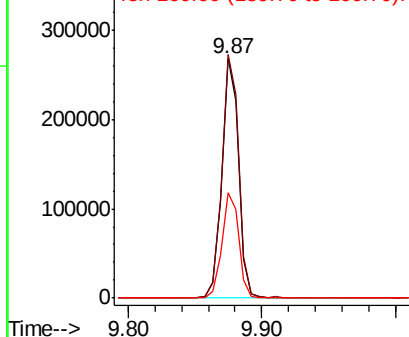


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.01 min
 Lab File: BF116736.D
 Acq: 1 Sep 2019 9:57

Tgt Ion	164	Resp	237389
Ion Ratio	Lower	Upper	
164	100		
162	101.7	81.4	122.0
160	44.2	35.4	53.2



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

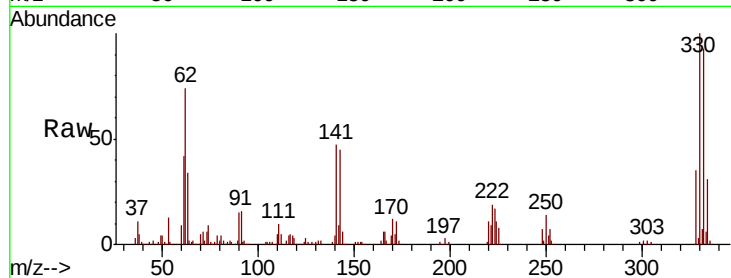




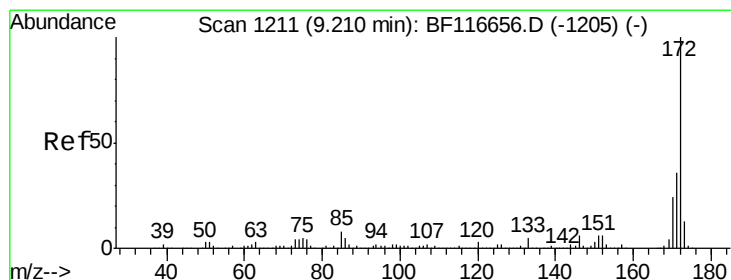
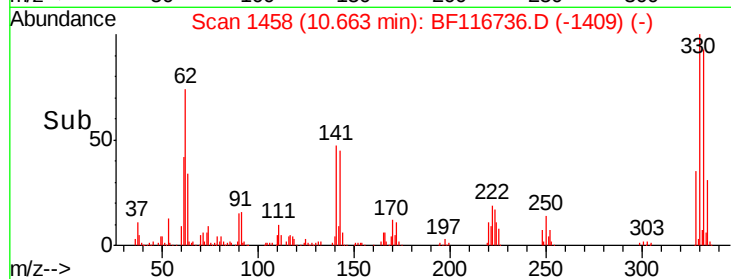
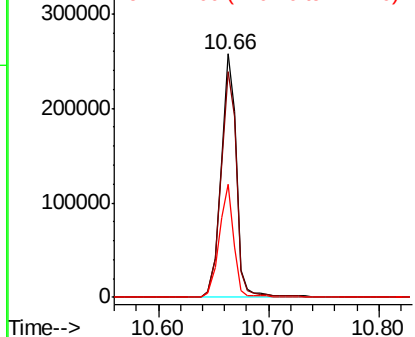
#42
 2,4,6-Tribromophenol
 Concen: 158.151 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.01 min
 Lab File: BF116736.D
 Acq: 1 Sep 2019 9:57

Instrument :
 BNA_F
 ClientSampleId :
 T12-B1-B4-(0-3.5)

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.7	76.9	115.3
141	44.0	31.4	47.2

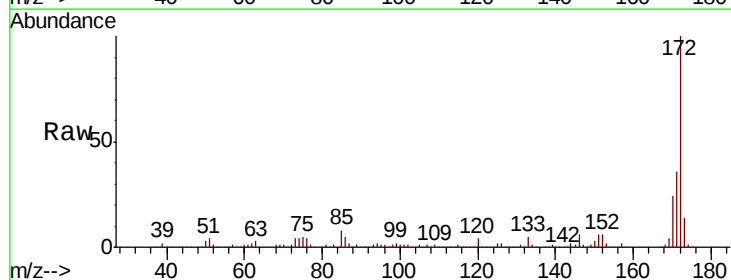


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

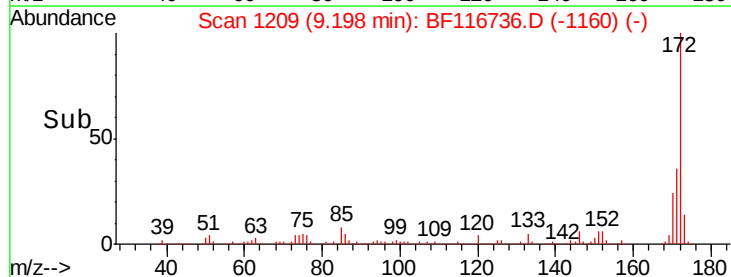
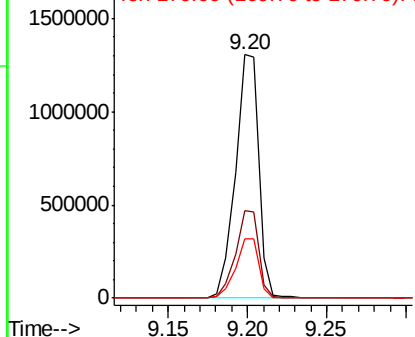


#45
 2-Fluorobiphenyl
 Concen: 94.785 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF116736.D
 Acq: 1 Sep 2019 9:57

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	27.8	41.6
170	24.5	18.9	28.3



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

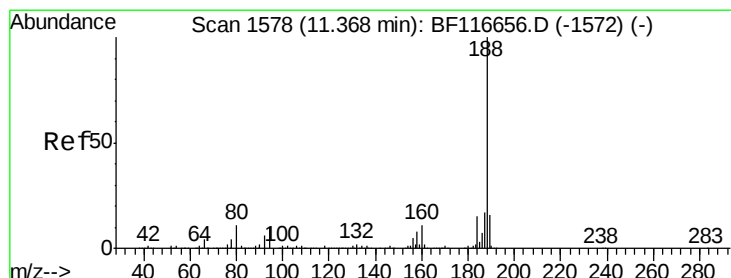
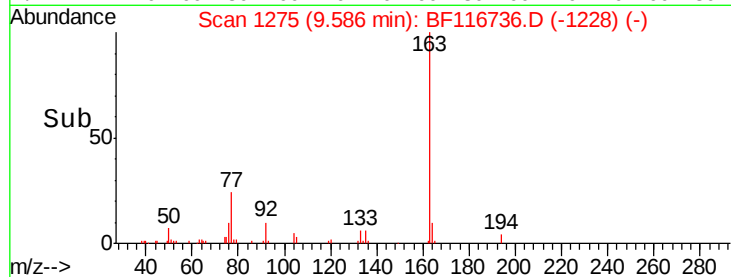
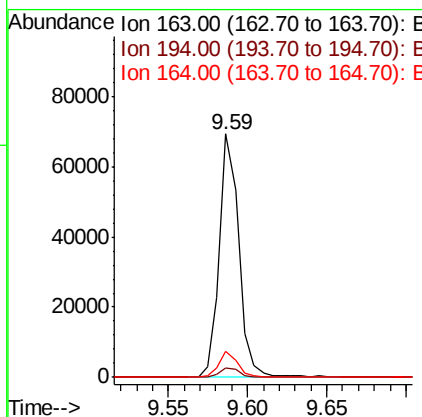
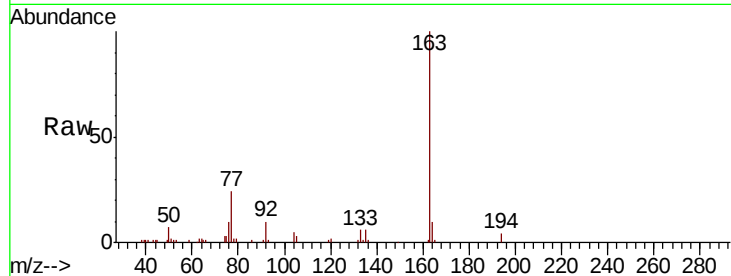




#50
Dimethylphthalate
Concen: 3.626 ng
RT: 9.59 min Scan# 1275
Delta R.T. -0.02 min
Lab File: BF116736.D
Acq: 1 Sep 2019 9:57

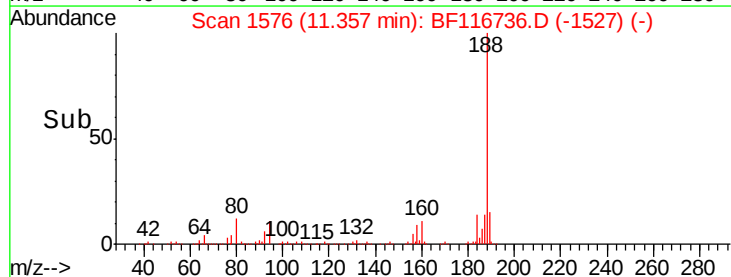
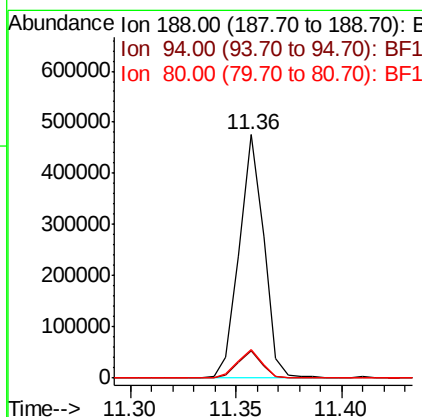
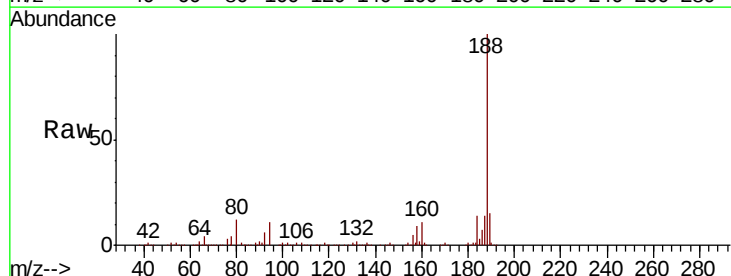
Instrument :
BNA_F
ClientSampleId :
T12-B1-B4-(0-3.5)

Tot Ion:163 Resp: 59433
Ion Ratio Lower Upper
163 100
194 3.8 2.8 4.2
164 10.5 8.6 12.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF116736.D
Acq: 1 Sep 2019 9:57

Tgt Ion:188 Resp: 383315
Ion Ratio Lower Upper
188 100
94 11.1 7.3 10.9#
80 11.9 8.4 12.6





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.99 min Scan# 2023

Delta R.T. -0.01 min

Lab File: BF116736.D

Acq: 1 Sep 2019 9:57

Instrument :

BNA_F

ClientSampleId :

T12-B1-B4-(0-3.5)

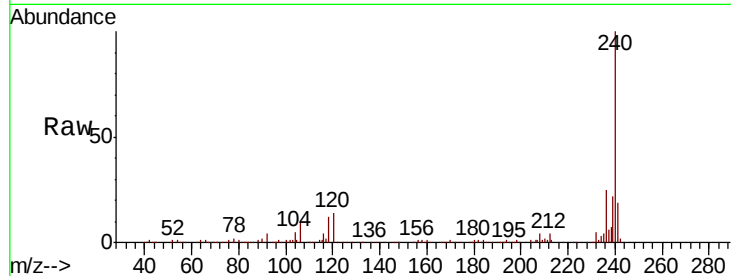
Tot Ion:240 Resp: 250553

Ion Ratio Lower Upper

240 100

120 13.9 9.1 13.7#

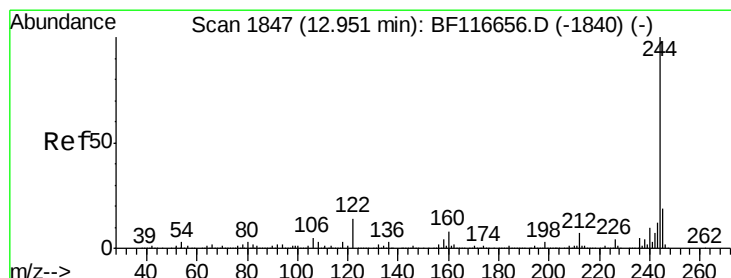
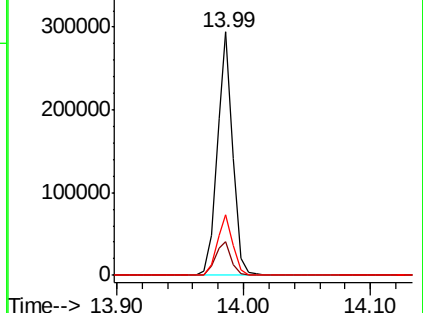
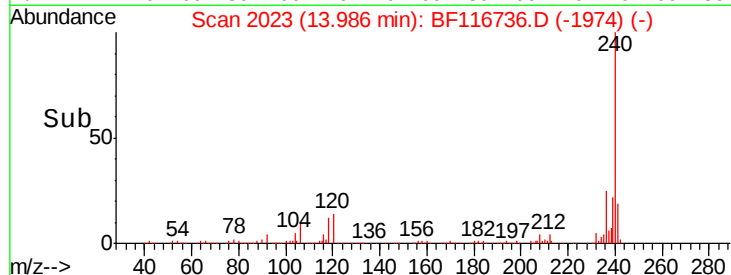
236 25.1 21.1 31.7



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: 95.648 ng

RT: 12.95 min Scan# 1846

Delta R.T. -0.01 min

Lab File: BF116736.D

Acq: 1 Sep 2019 9:57

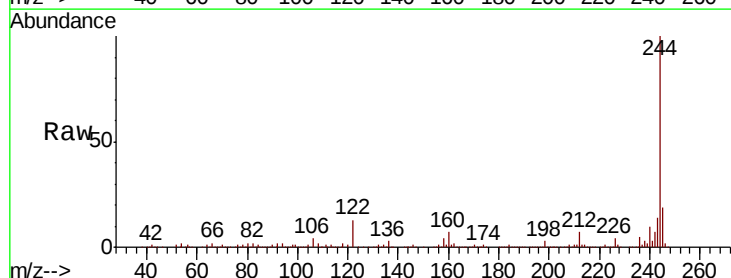
Tgt Ion:244 Resp: 1295440

Ion Ratio Lower Upper

244 100

212 6.8 6.1 9.1

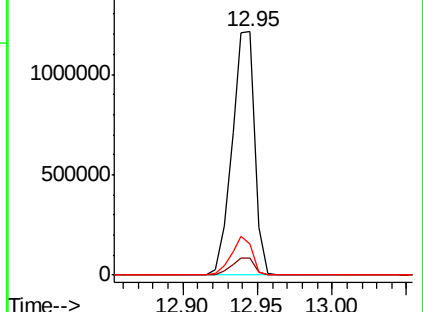
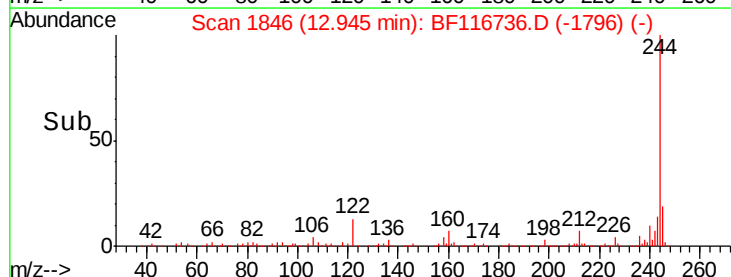
122 12.6 10.2 15.4

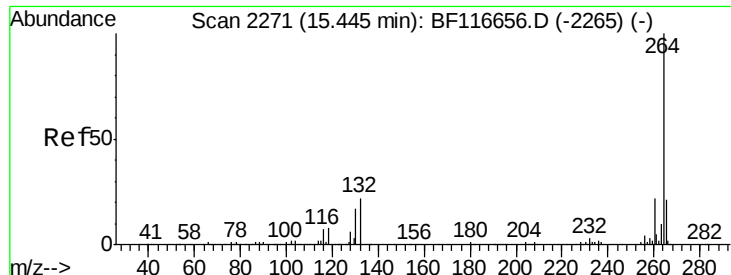


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

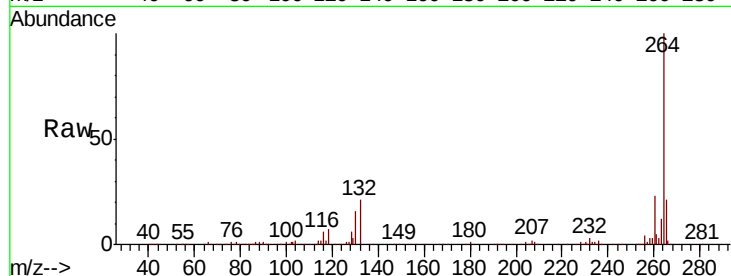




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2270
 Delta R.T. -0.01 min
 Lab File: BF116736.D
 Acq: 1 Sep 2019 9:57

Instrument :
 BNA_F
 ClientSampleId :
 T12-B1-B4-(0-3.5)

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.3	27.5
265	20.8	16.5	24.7



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

