

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082019\
 Data File : BF116445.D
 Acq On : 20 Aug 2019 22:13
 Operator : HP/JU
 Sample : K4404-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T1-L(0-2.5)

Quant Time: Aug 21 02:14:10 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

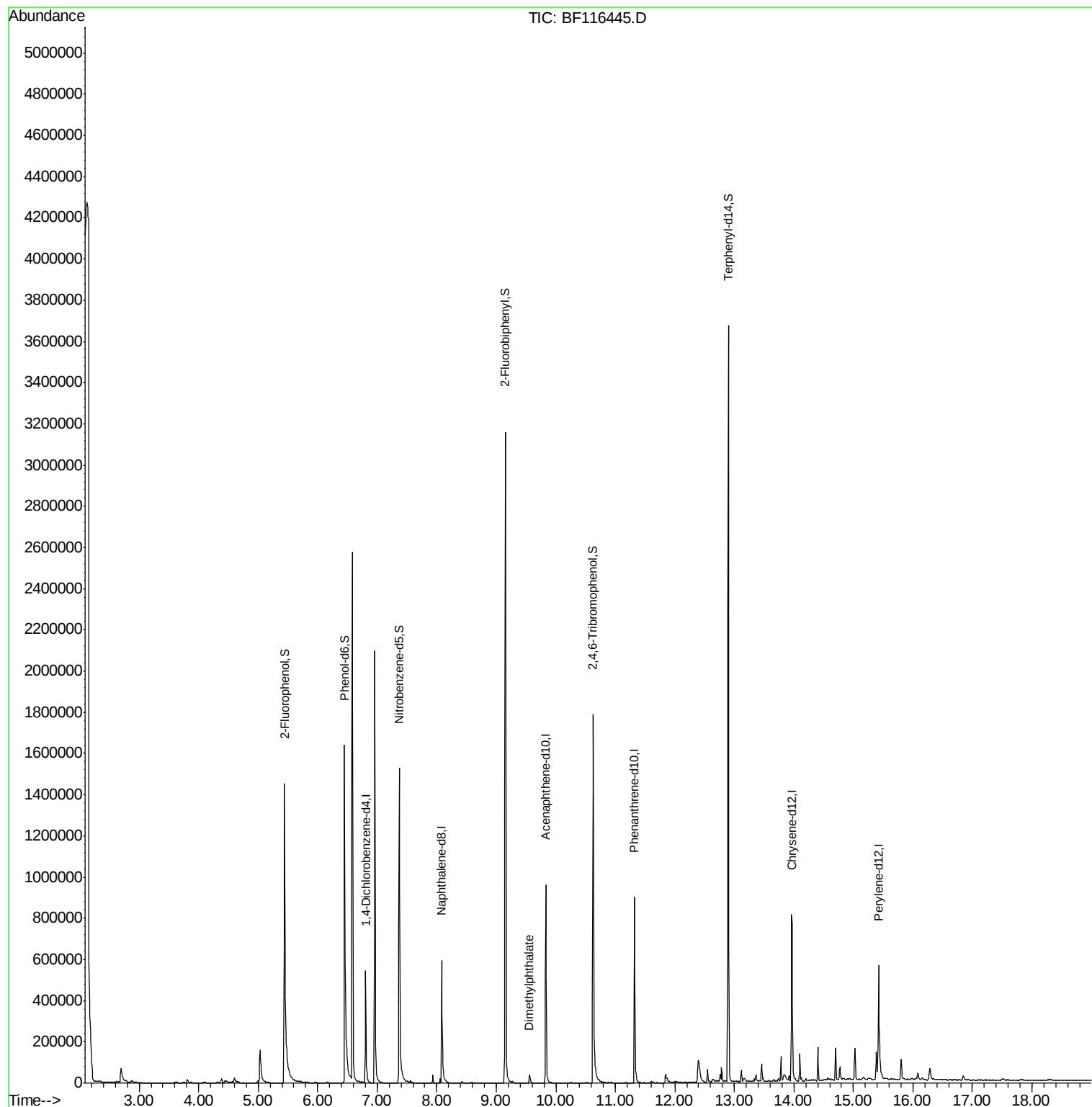
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	89105	20.00	ng	-0.01
21) Naphthalene-d8	8.09	136	342795	20.00	ng	-0.01
39) Acenaphthene-d10	9.83	164	188636	20.00	ng	-0.02
64) Phenanthrene-d10	11.32	188	361722	20.00	ng	-0.02
76) Chrysene-d12	13.96	240	317802	20.00	ng	-0.02
87) Perylene-d12	15.42	264	325090	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	649834	122.09	ng	0.00
7) Phenol-d6	6.45	99	793597	118.17	ng	-0.01
23) Nitrobenzene-d5	7.37	82	585394	98.57	ng	-0.02
42) 2,4,6-Tribromophenol	10.63	330	278548	152.31	ng	-0.02
45) 2-Fluorobiphenyl	9.15	172	1071367	106.38	ng	-0.02
79) Terphenyl-d14	12.90	244	1396225	92.58	ng	-0.02
Target Compounds						
50) Dimethylphthalate	9.56	163	26938	2.097	ng	Qvalue 100

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

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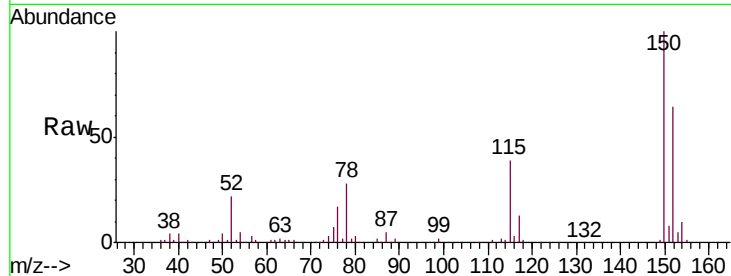


#1

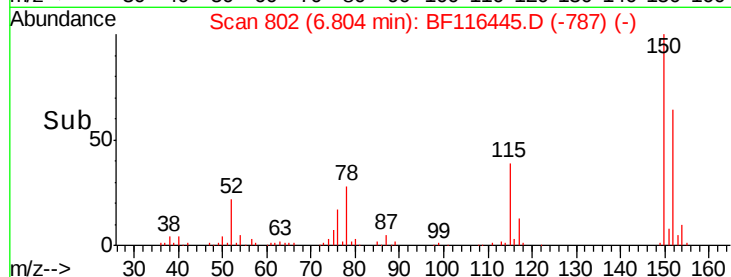
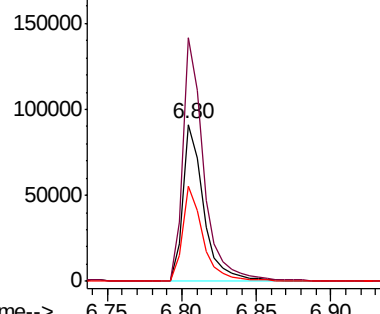
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF116445.D
Acq: 20 Aug 2019 22:13

Instrument :
BNA_F
ClientSampleId :
T1-L(0-2.5)

Tot Ion:152 Resp: 89105
Ion Ratio Lower Upper
152 100
150 155.1 126.2 189.2
115 60.9 49.9 74.9



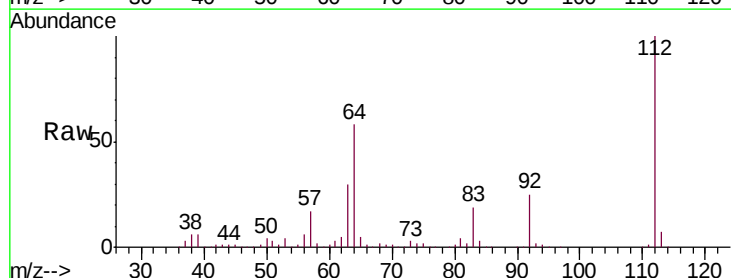
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



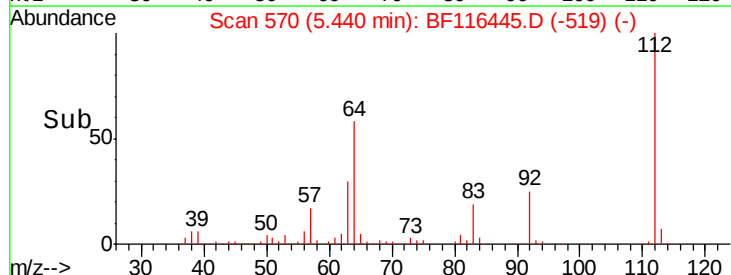
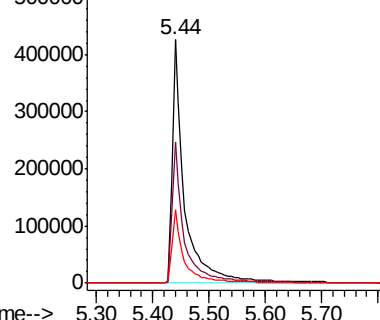
#5

2-Fluorophenol
Concen: 122.088 ng
RT: 5.44 min Scan# 570
Delta R.T. 0.00 min
Lab File: BF116445.D
Acq: 20 Aug 2019 22:13

Tgt Ion:112 Resp: 649834
Ion Ratio Lower Upper
112 100
64 58.0 45.4 68.2
63 30.0 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: 118.174 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF116445.D

Acq: 20 Aug 2019 22:13

Instrument :

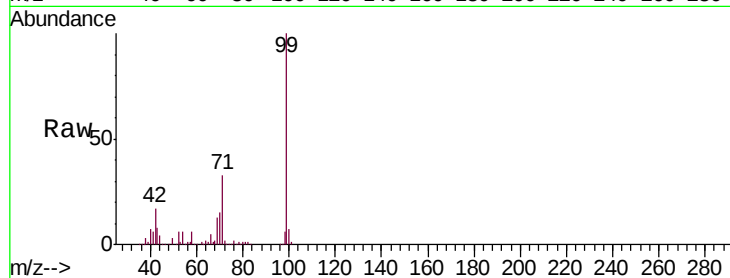
BNA_F

ClientSampleId :

T1-L(0-2.5)

Tot Ion: 99 Resp: 793597

Ion	Ratio	Lower	Upper
99	100		
42	16.8	13.8	20.8
71	33.0	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

6.45

Time-->

6.40 6.60 6.80

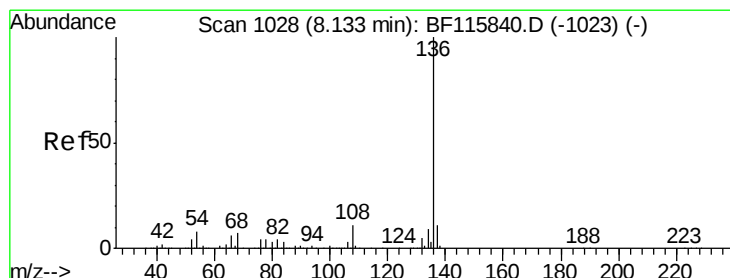
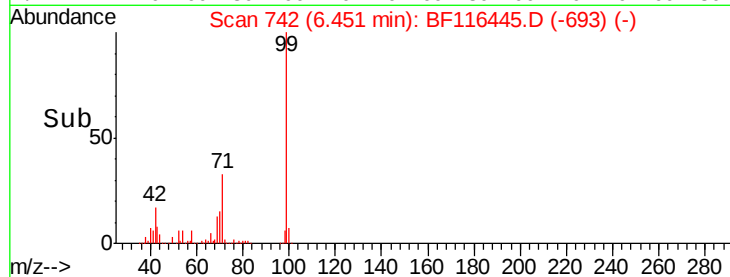
800000

600000

400000

200000

0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1020

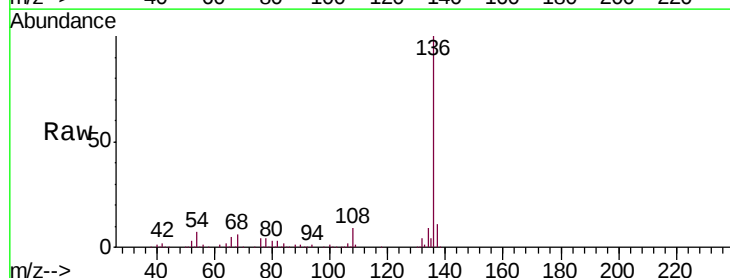
Delta R.T. -0.01 min

Lab File: BF116445.D

Acq: 20 Aug 2019 22:13

Tgt Ion: 136 Resp: 342795

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.4
54	6.8	5.8	8.6
68	6.1	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

8.09

Time-->

8.00 8.10 8.20 8.30

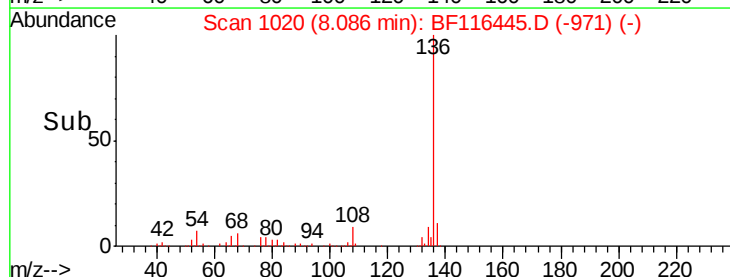
400000

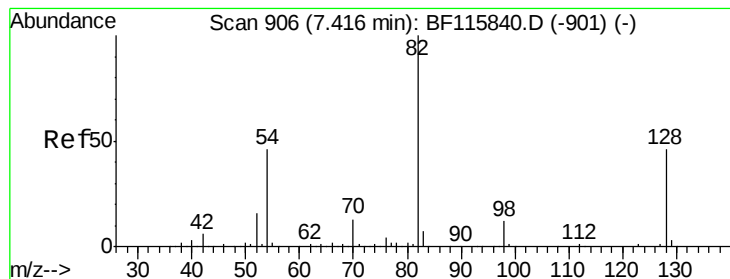
300000

200000

100000

0





#23

Nitrobenzene-d5

Concen: 98.574 ng

RT: 7.37 min Scan# 898

Delta R.T. -0.02 min

Lab File: BF116445.D

Acq: 20 Aug 2019 22:13

Instrument :

BNA_F

ClientSampleId :

T1-L(0-2.5)

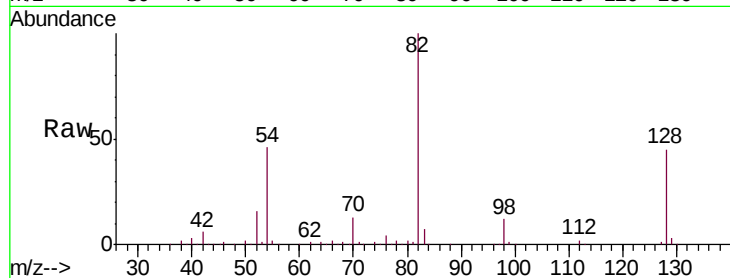
Tot Ion: 82 Resp: 585394

Ion Ratio Lower Upper

82 100

128 44.9 36.5 54.7

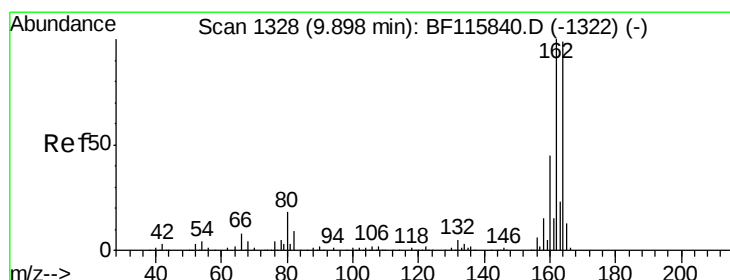
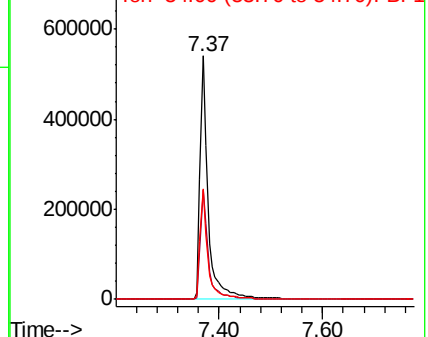
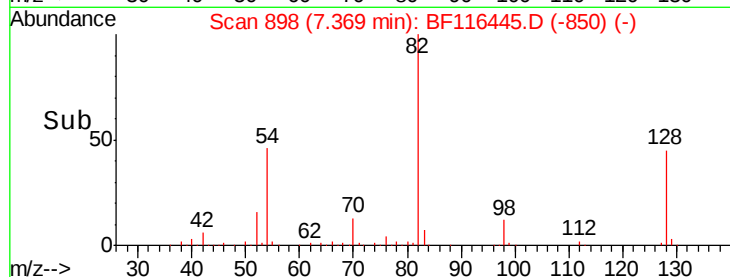
54 45.6 36.0 54.0



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1317

Delta R.T. -0.02 min

Lab File: BF116445.D

Acq: 20 Aug 2019 22:13

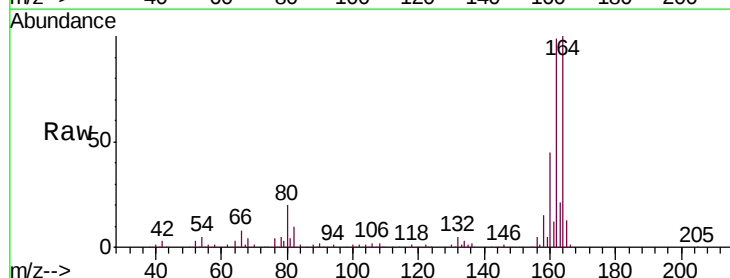
Tgt Ion:164 Resp: 188636

Ion Ratio Lower Upper

164 100

162 98.9 82.6 124.0

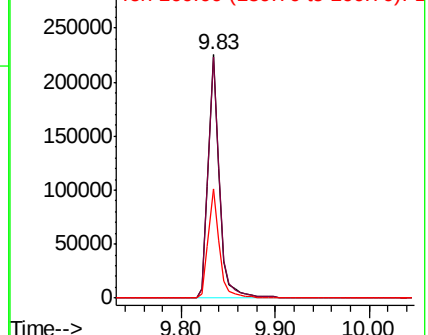
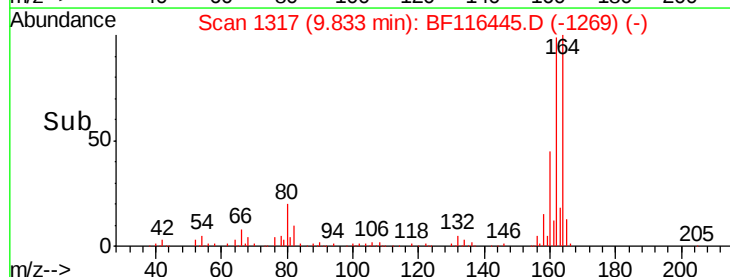
160 44.8 37.6 56.4



Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1





#42

2,4,6-Tribromophenol

Concen: 152.305 ng

RT: 10.63 min Scan# 1452

Delta R.T. -0.02 min

Lab File: BF116445.D

Acq: 20 Aug 2019 22:13

Instrument :

BNA_F

ClientSampleId :

T1-L(0-2.5)

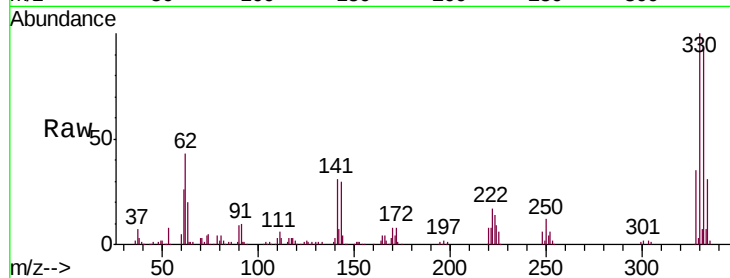
Tot Ion:330 Resp: 278548

Ion Ratio Lower Upper

330 100

332 94.6 76.8 115.2

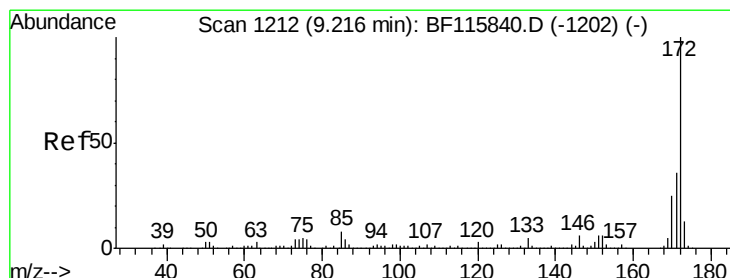
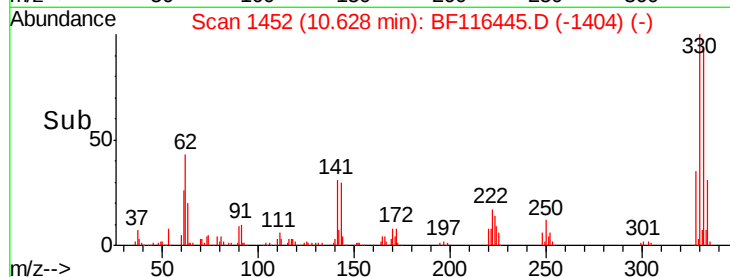
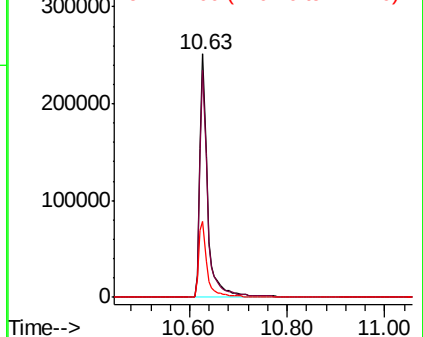
141 34.2 26.3 39.5



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: 106.382 ng

RT: 9.15 min Scan# 1201

Delta R.T. -0.02 min

Lab File: BF116445.D

Acq: 20 Aug 2019 22:13

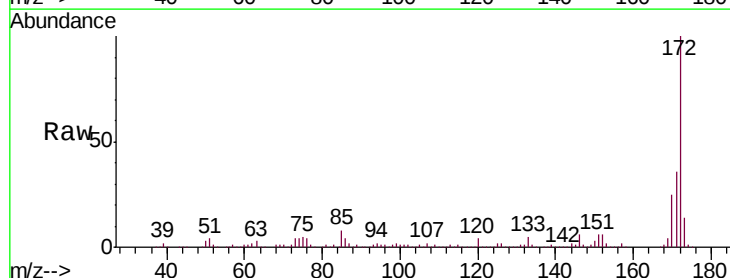
Tgt Ion:172 Resp: 1071367

Ion Ratio Lower Upper

172 100

171 36.2 29.6 44.4

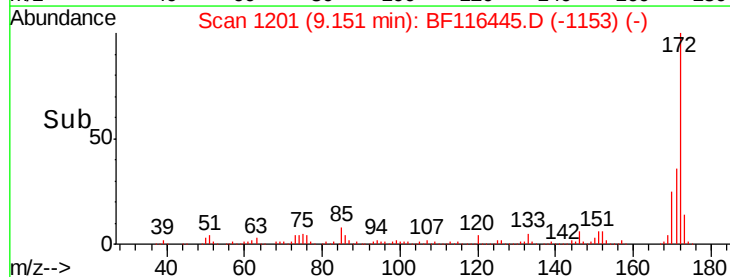
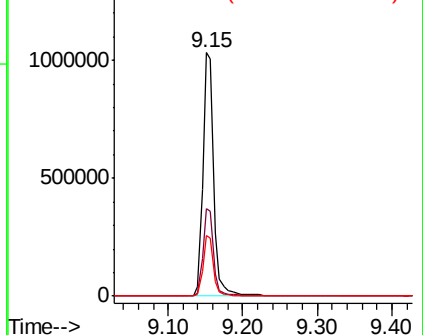
170 25.0 20.1 30.1

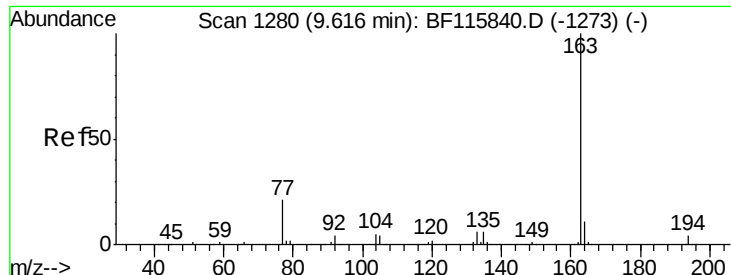


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

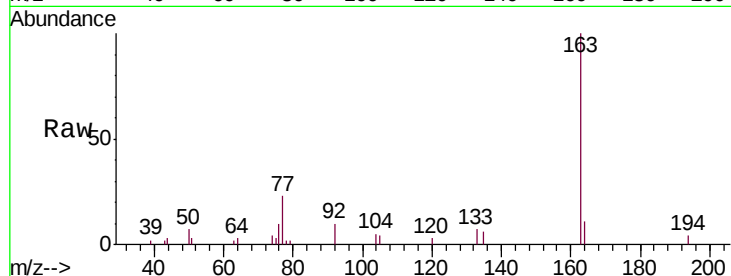




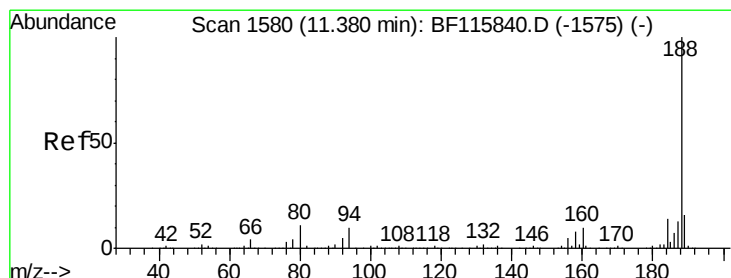
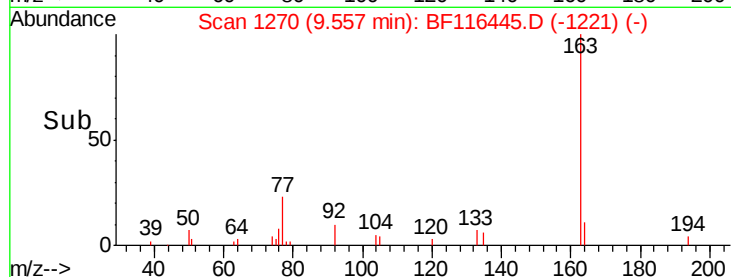
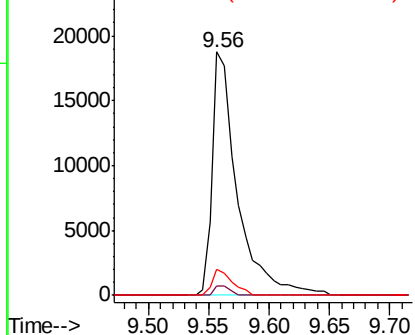
#50
Dimethylphthalate
Concen: 2.097 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BF116445.D
Acq: 20 Aug 2019 22:13

Instrument :
BNA_F
ClientSampleId :
T1-L(0-2.5)

Tot Ion:163 Resp: 26938
Ion Ratio Lower Upper
163 100
194 3.6 3.0 4.6
164 10.6 8.4 12.6

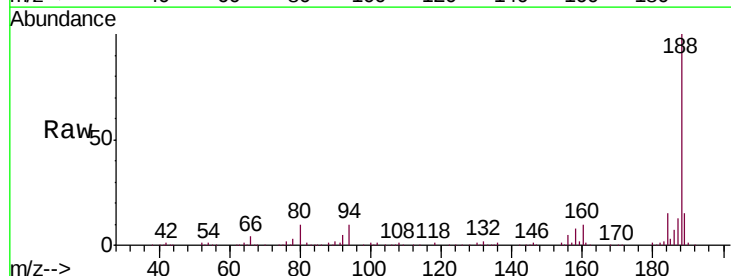


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

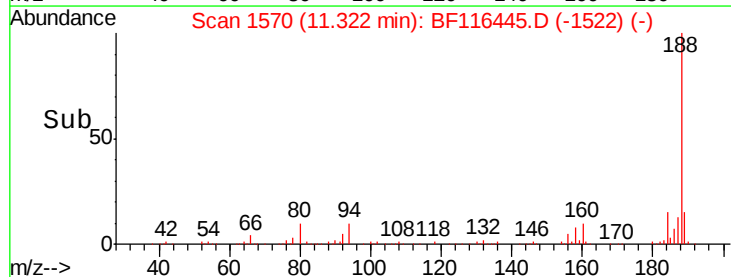
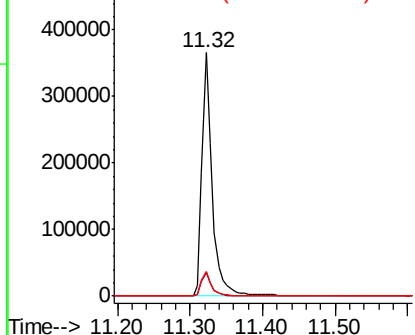


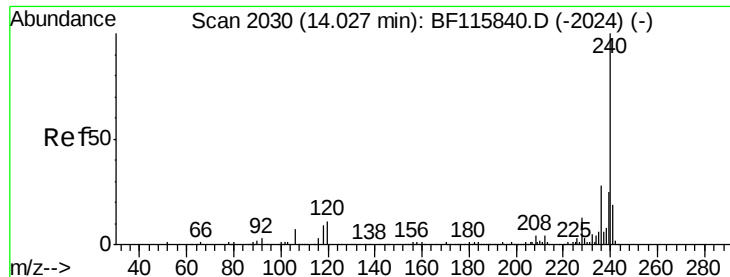
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.02 min
Lab File: BF116445.D
Acq: 20 Aug 2019 22:13

Tgt Ion:188 Resp: 361722
Ion Ratio Lower Upper
188 100
94 9.8 8.1 12.1
80 10.3 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

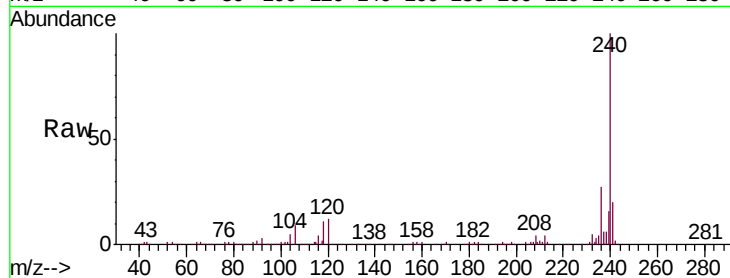




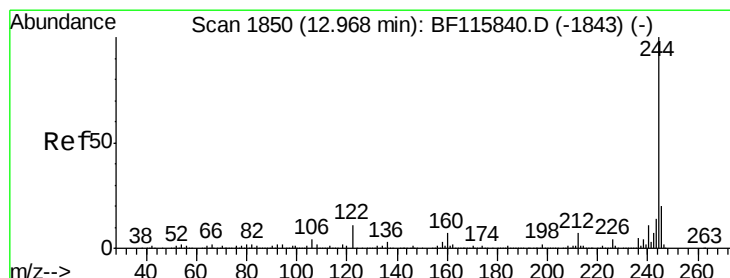
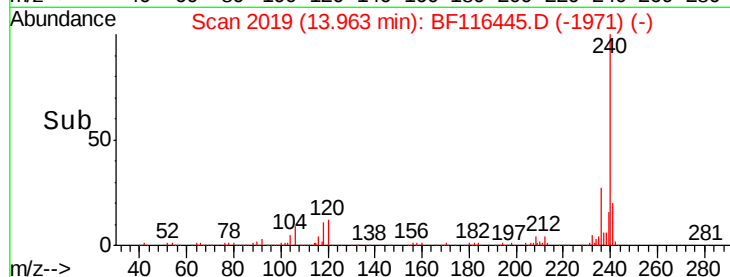
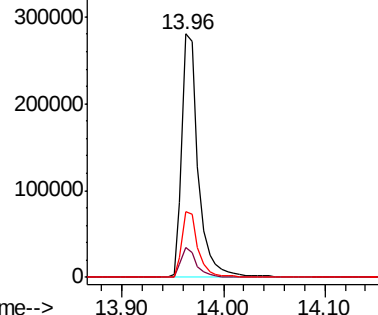
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. -0.02 min
 Lab File: BF116445.D
 Acq: 20 Aug 2019 22:13

Instrument :
 BNA_F
 ClientSampleId :
 T1-L(0-2.5)

Tot Ion:240 Resp: 317802
 Ion Ratio Lower Upper
 240 100
 120 12.4 10.7 16.1
 236 27.1 22.2 33.2

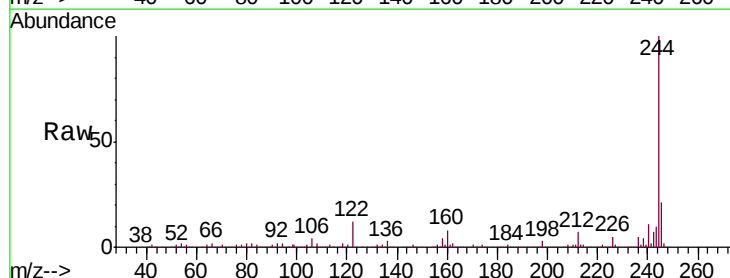


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

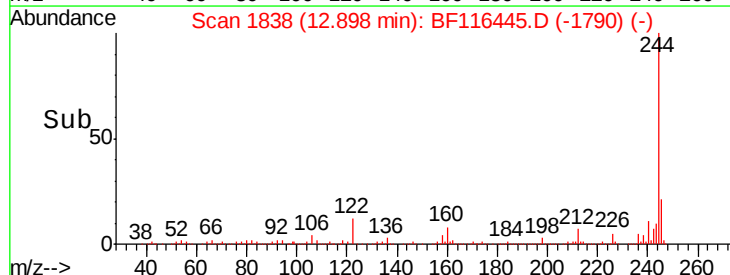
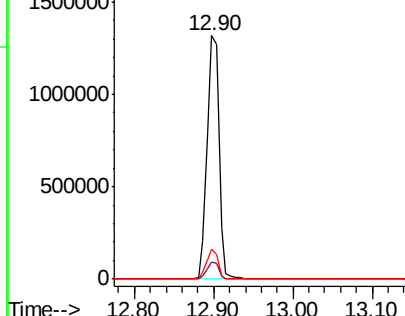


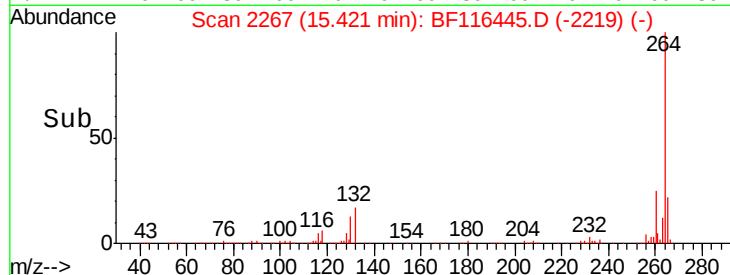
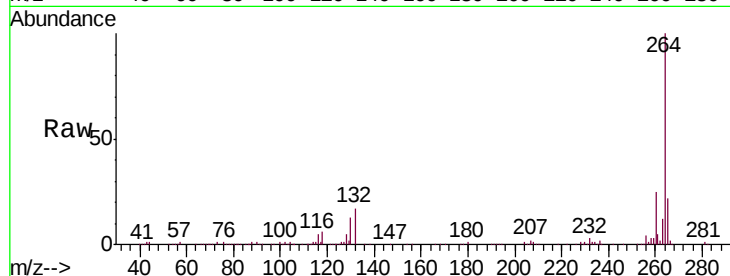
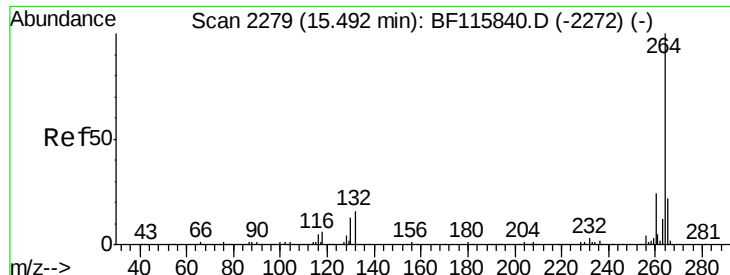
#79
 Terphenyl-d14
 Concen: 92.576 ng
 RT: 12.90 min Scan# 1838
 Delta R.T. -0.02 min
 Lab File: BF116445.D
 Acq: 20 Aug 2019 22:13

Tgt Ion:244 Resp: 1396225
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.8
 122 12.3 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
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.42 min Scan# 2267
 Delta R.T. -0.02 min
 Lab File: BF116445.D
 Acq: 20 Aug 2019 22:13

Instrument :
 BNA_F
 ClientSampleId :
 T1-L(0-2.5)

Tot Ion:264	Resp:	325090
Ion	Ratio	Lower Upper
264	100	
260	24.7	19.7 29.5
265	21.8	17.4 26.0

