

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091619\
 Data File : BF117076.D
 Acq On : 16 Sep 2019 22:25
 Operator : HP/JU
 Sample : K4897-03
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR-200028

Quant Time: Sep 17 07:46:00 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 13 16:23:17 2019
 Response via : Initial Calibration

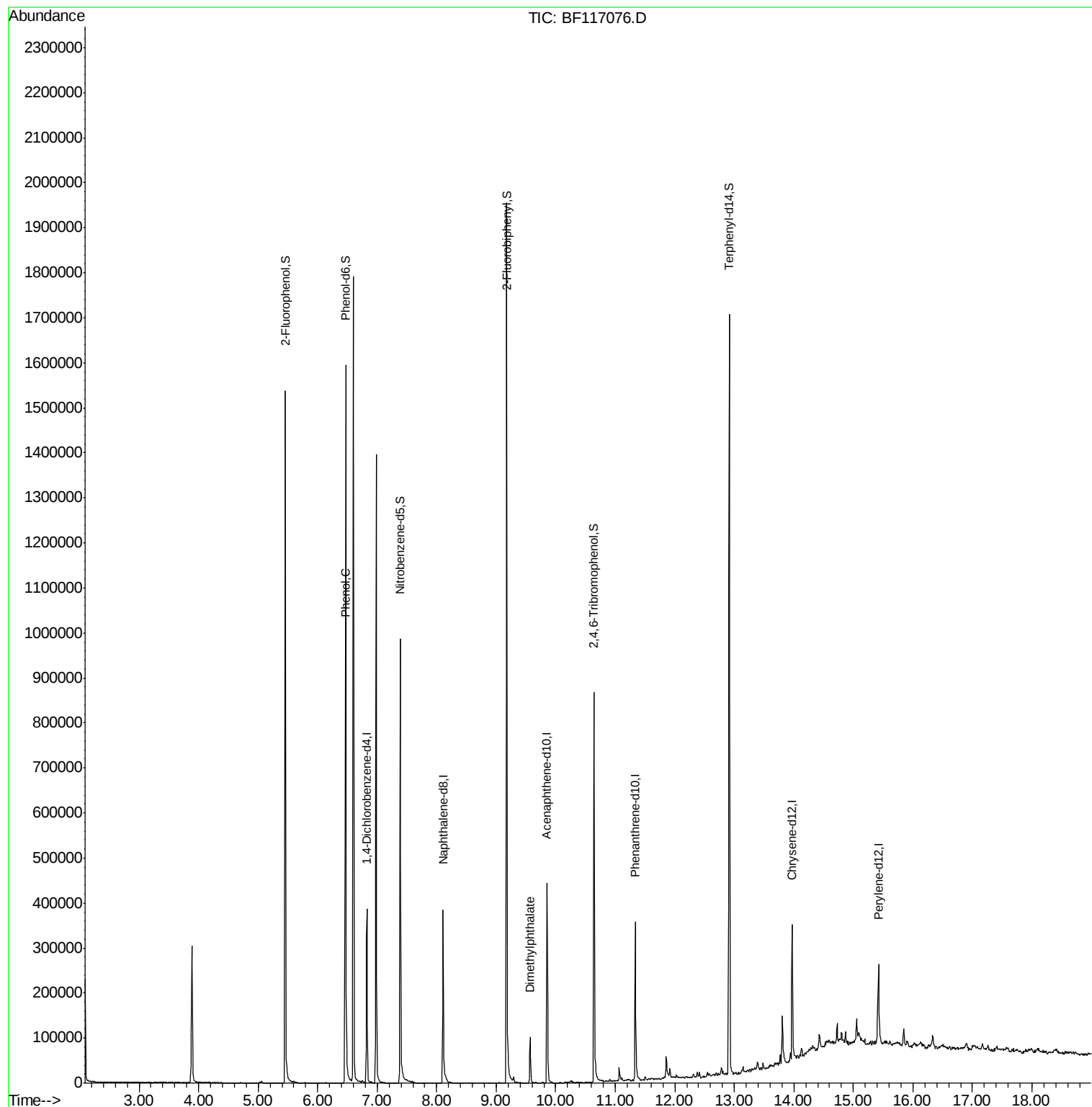
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	58622	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	226044	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	109654	20.00	ng	0.00
64) Phenanthrene-d10	11.34	188	154746	20.00	ng	0.00
76) Chrysene-d12	13.97	240	104433	20.00	ng	0.00
87) Perylene-d12	15.42	264	72577	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	439905	117.16	ng	0.02
7) Phenol-d6	6.47	99	603602	124.39	ng	0.01
23) Nitrobenzene-d5	7.39	82	375492	87.28	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	106487	116.19	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	629430	89.75	ng	0.00
79) Terphenyl-d14	12.92	244	518922	92.88	ng	0.00
Target Compounds						
10) Phenol	6.48	94	20745	3.878	ng	98
50) Dimethylphthalate	9.57	163	49406	6.363	ng	# 97

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

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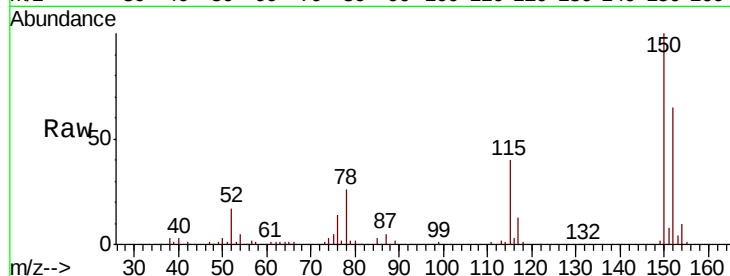


#1

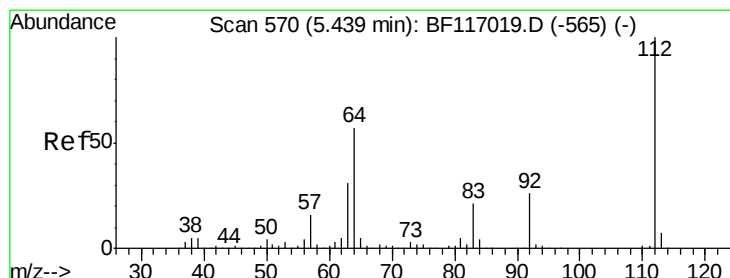
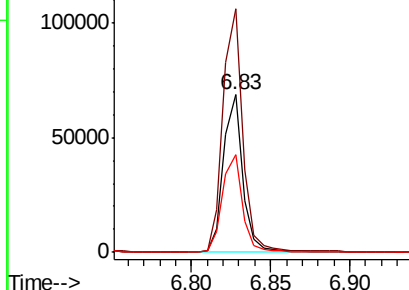
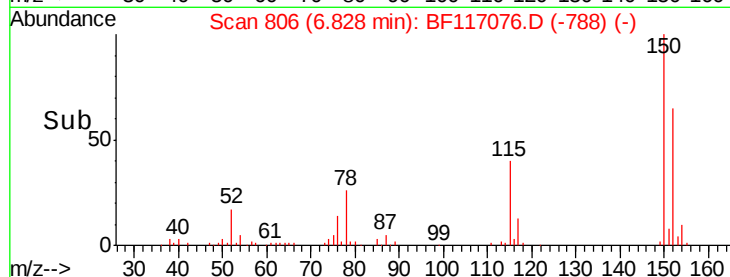
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. 0.01 min
Lab File: BF117076.D
Acq: 16 Sep 2019 22:25

Instrument :
BNA_F
ClientSampleId :
RBR-200028

Tot Ion:152 Resp: 58622
Ion Ratio Lower Upper
152 100
150 154.3 127.5 191.3
115 61.8 55.0 82.4



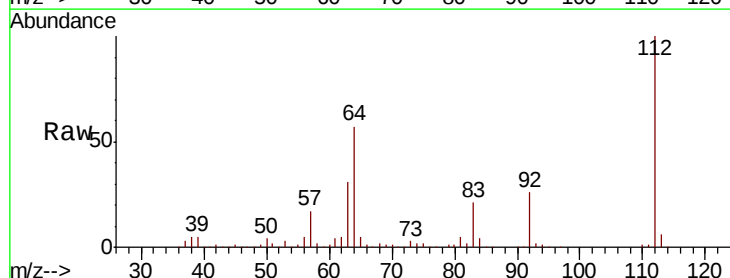
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



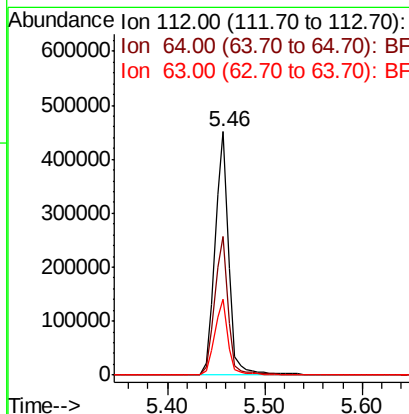
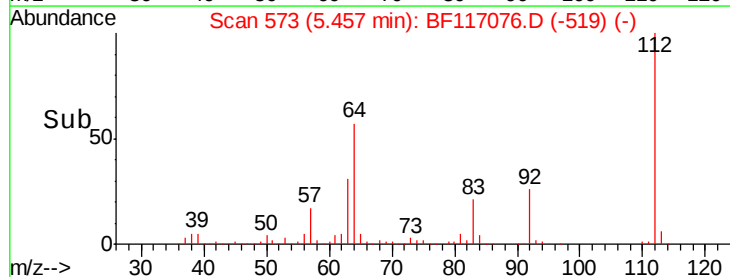
#5

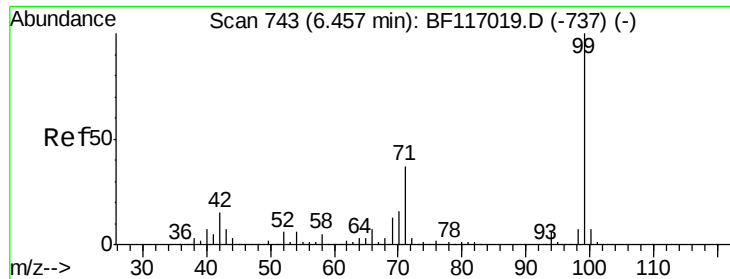
2-Fluorophenol
Concen: 117.157 ng
RT: 5.46 min Scan# 573
Delta R.T. 0.02 min
Lab File: BF117076.D
Acq: 16 Sep 2019 22:25

Tgt Ion:112 Resp: 439905
Ion Ratio Lower Upper
112 100
64 56.9 45.7 68.5
63 31.0 24.9 37.3



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: 124.388 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.01 min

Lab File: BF117076.D

Acq: 16 Sep 2019 22:25

Instrument :

BNA_F

ClientSampleId :

RBR-200028

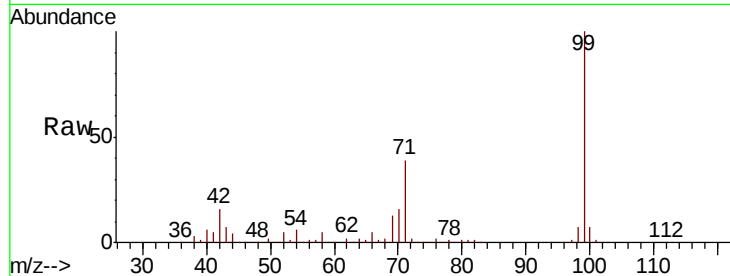
Tot Ion: 99 Resp: 603602

Ion Ratio Lower Upper

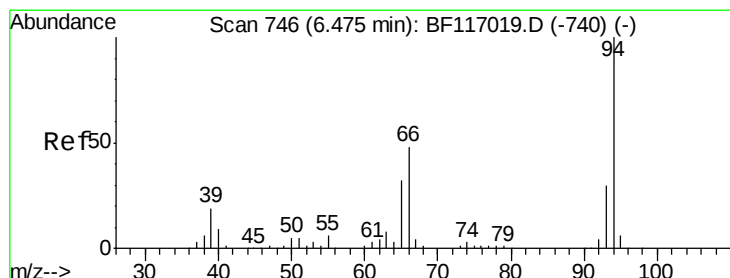
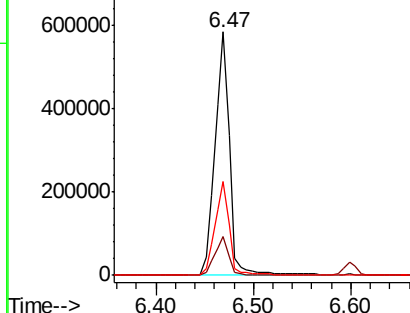
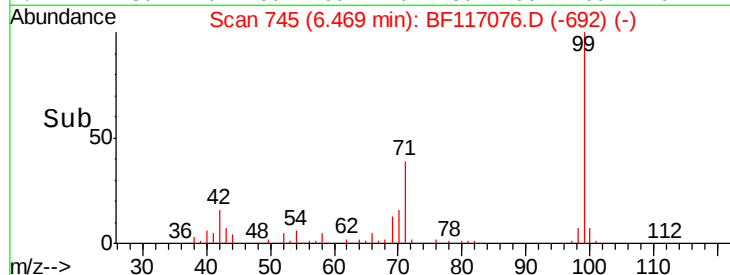
99 100

42 15.9 12.2 18.2

71 38.8 29.8 44.8



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: 3.878 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.01 min

Lab File: BF117076.D

Acq: 16 Sep 2019 22:25

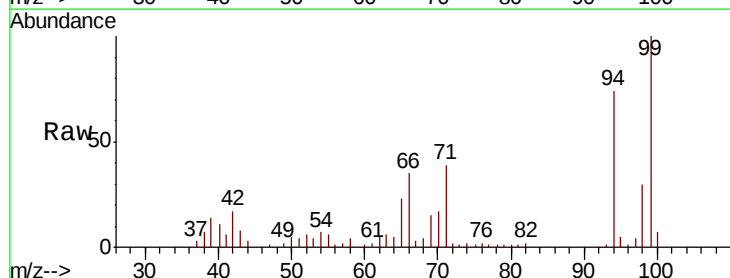
Tgt Ion: 94 Resp: 20745

Ion Ratio Lower Upper

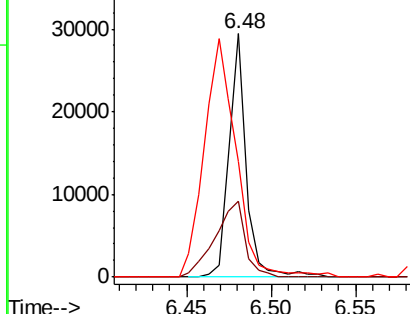
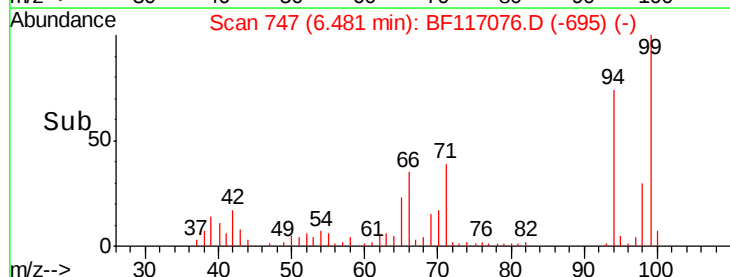
94 100

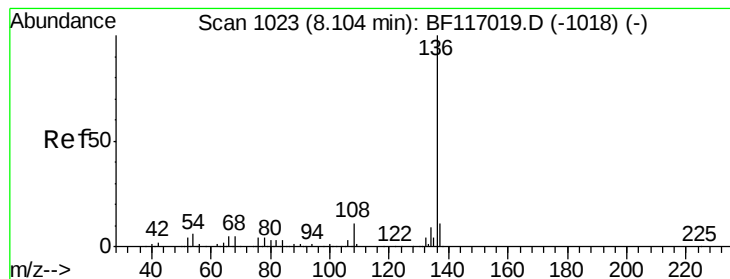
65 31.1 12.5 52.5

66 47.6 28.9 68.9



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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1023

Delta R.T. 0.00 min

Lab File: BF117076.D

Acq: 16 Sep 2019 22:25

Instrument :

BNA_F

ClientSampleId :

RBR-200028

Tot Ion:136 Resp: 226044

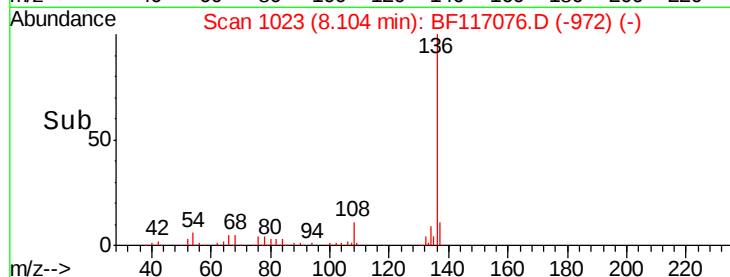
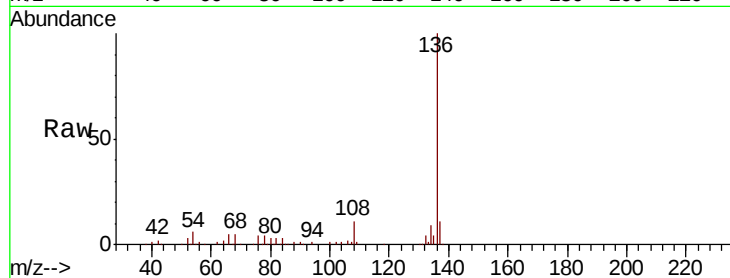
Ion Ratio Lower Upper

136 100

137 10.5 9.0 13.4

54 5.7 4.5 6.7

68 4.6 4.0 6.0

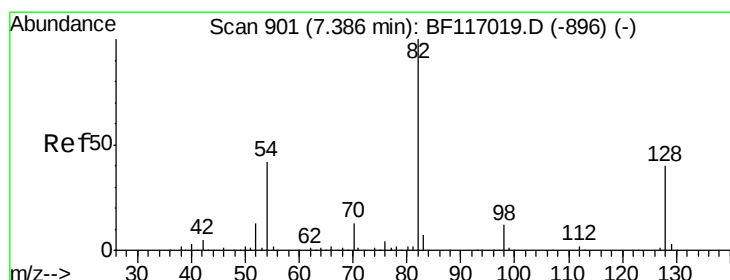
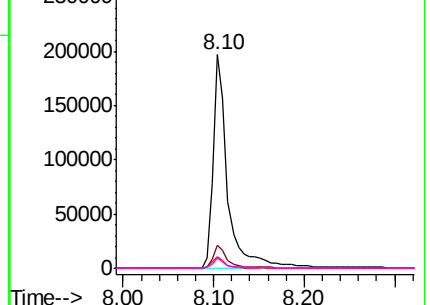


Abundance Ion 136.00 (135.70 to 136.70): E

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: 87.281 ng

RT: 7.39 min Scan# 901

Delta R.T. 0.00 min

Lab File: BF117076.D

Acq: 16 Sep 2019 22:25

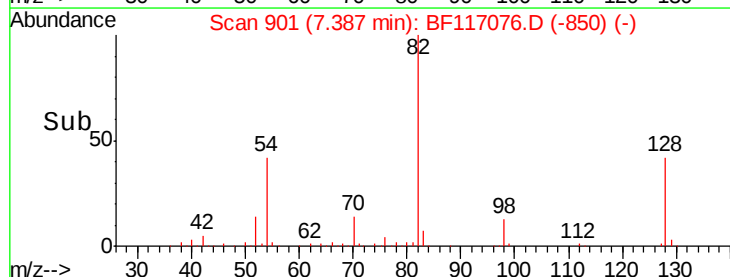
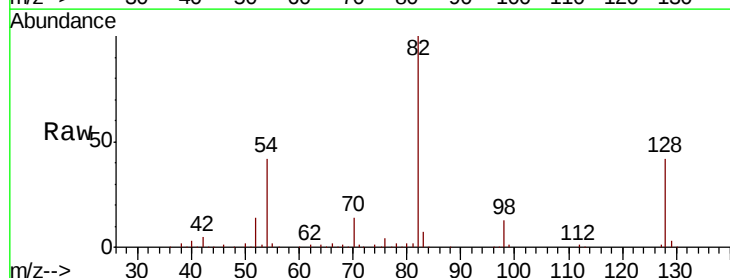
Tgt Ion: 82 Resp: 375492

Ion Ratio Lower Upper

82 100

128 41.6 32.3 48.5

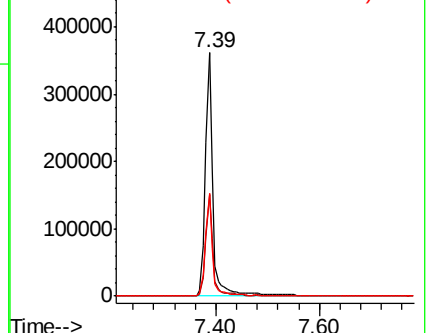
54 42.3 33.3 49.9

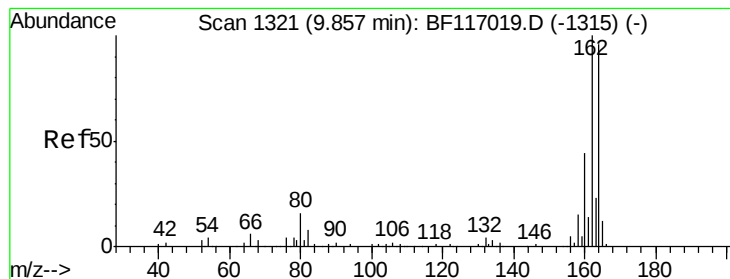


Abundance Ion 82.00 (81.70 to 82.70): BF1

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: 9.85 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BF117076.D

Acq: 16 Sep 2019 22:25

Instrument :

BNA_F

ClientSampleId :

RBR-200028

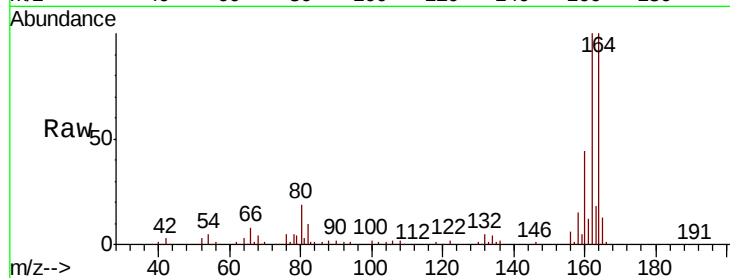
Tot Ion:164 Resp: 109654

Ion Ratio Lower Upper

164 100

162 99.9 83.4 125.2

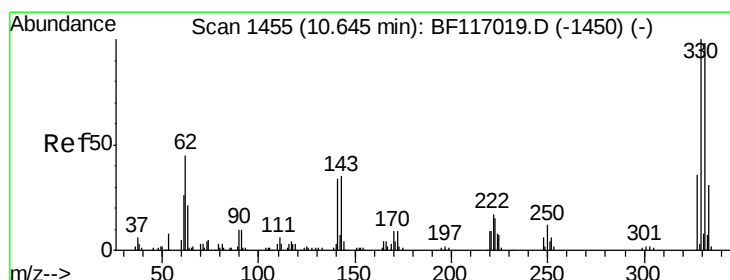
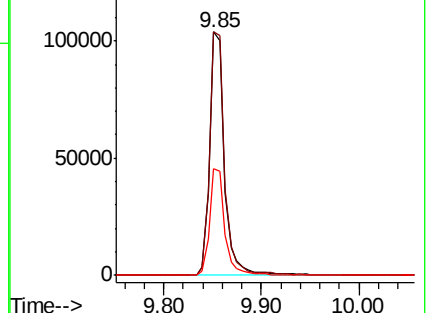
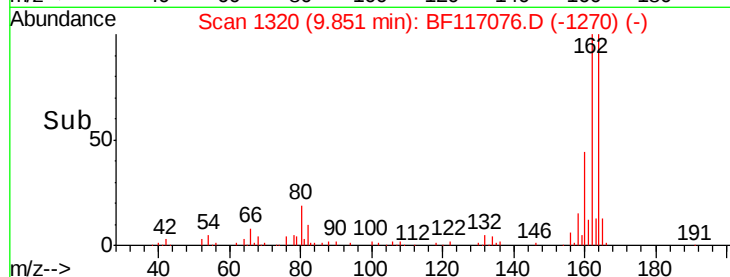
160 44.0 36.4 54.6



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: 116.194 ng

RT: 10.65 min Scan# 1455

Delta R.T. 0.00 min

Lab File: BF117076.D

Acq: 16 Sep 2019 22:25

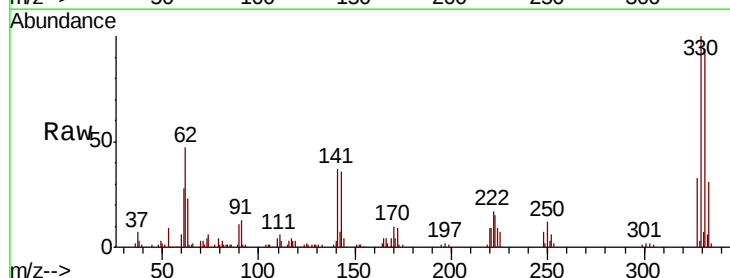
Tgt Ion:330 Resp: 106487

Ion Ratio Lower Upper

330 100

332 95.8 78.0 117.0

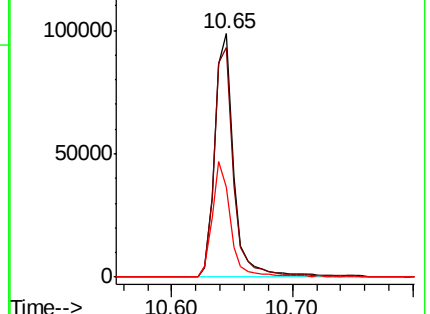
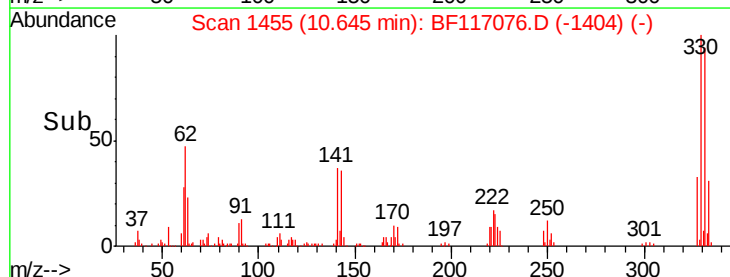
141 46.6 35.8 53.6

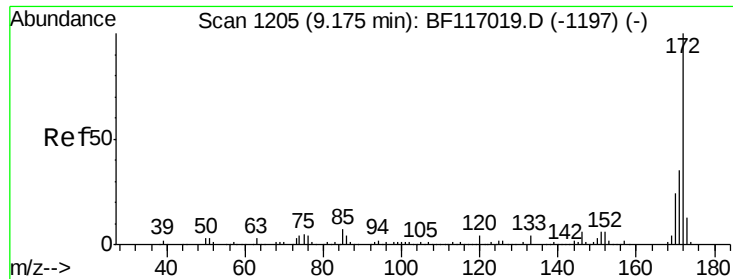


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

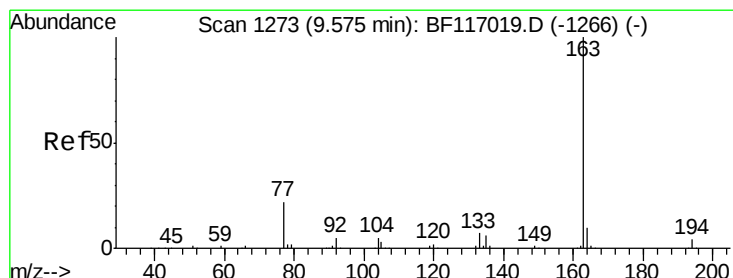
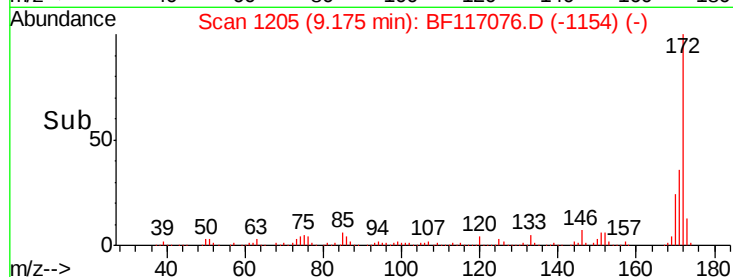
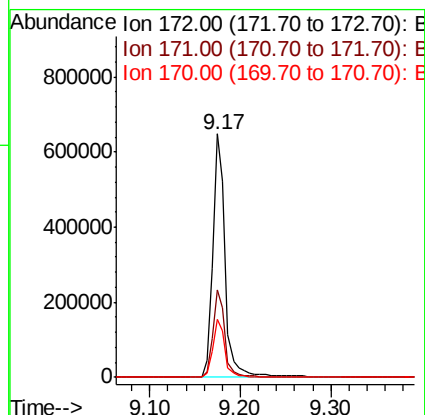
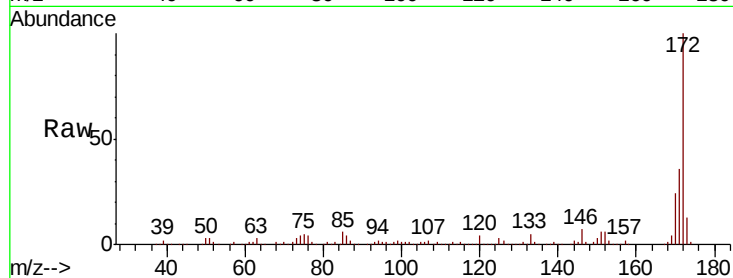




#45
2-Fluorobiphenyl
Concen: 89.751 ng
RT: 9.17 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BF117076.D
Acq: 16 Sep 2019 22:25

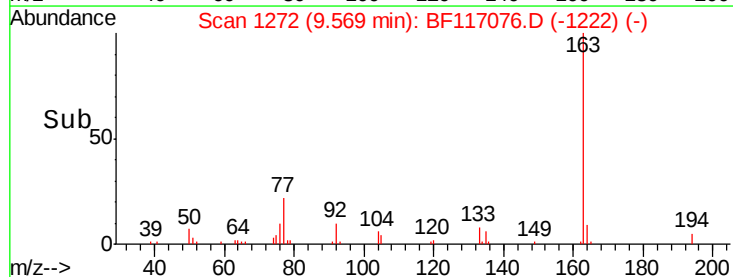
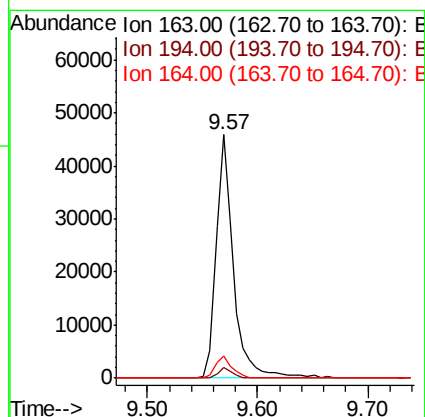
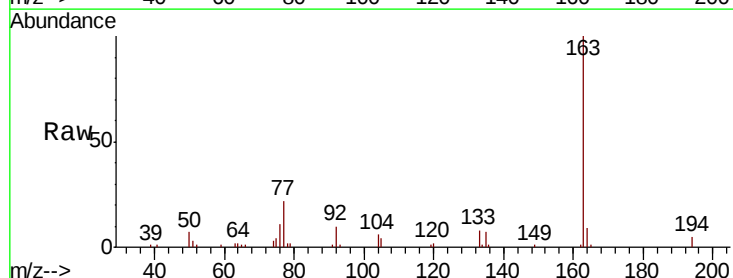
Instrument :
BNA_F
ClientSampleId :
RBR-200028

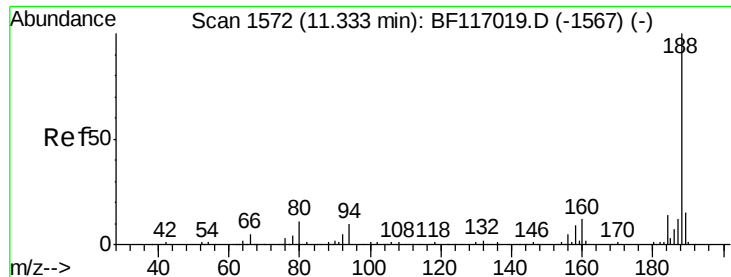
Tot Ion:172 Resp: 629430
Ion Ratio Lower Upper
172 100
171 36.0 28.2 42.2
170 24.0 18.9 28.3



#50
Dimethylphthalate
Concen: 6.363 ng
RT: 9.57 min Scan# 1272
Delta R.T. -0.01 min
Lab File: BF117076.D
Acq: 16 Sep 2019 22:25

Tgt Ion:163 Resp: 49406
Ion Ratio Lower Upper
163 100
194 4.6 2.9 4.3#
164 9.1 8.2 12.4

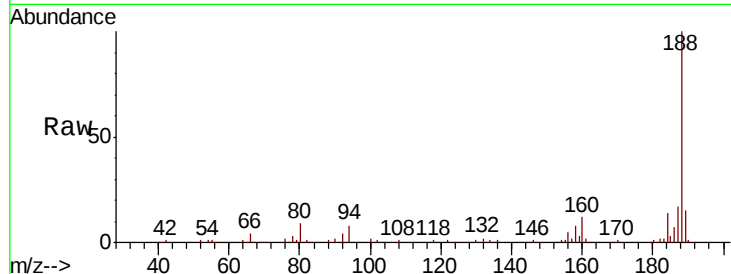




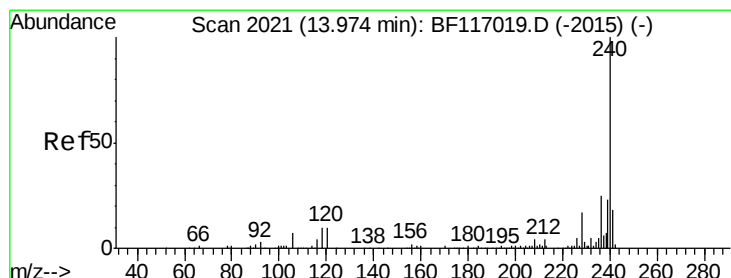
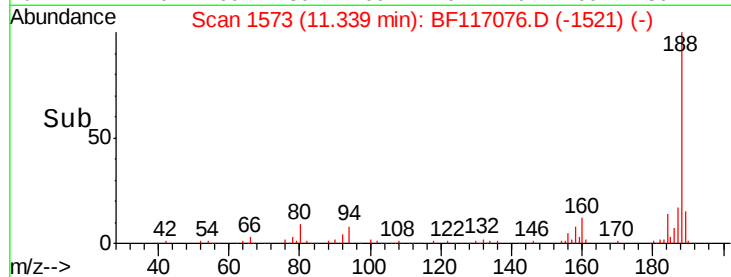
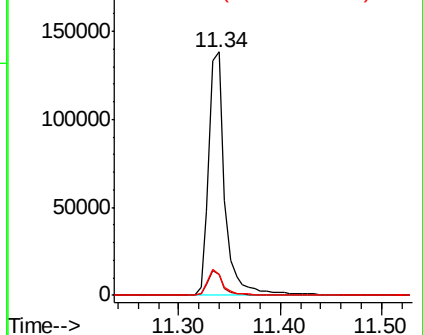
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. 0.01 min
Lab File: BF117076.D
Acq: 16 Sep 2019 22:25

Instrument :
BNA_F
ClientSampleId :
RBR-200028

Tot Ion:188 Resp: 154746
Ion Ratio Lower Upper
188 100
94 8.5 8.2 12.2
80 8.8 9.0 13.6#

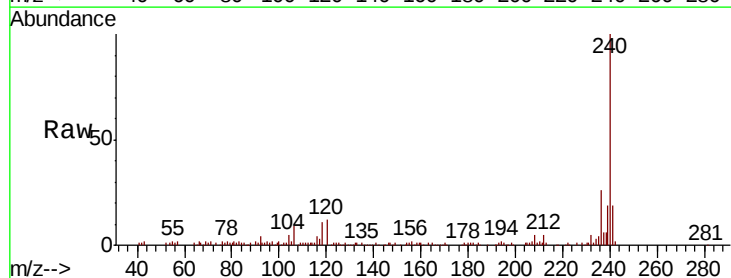


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

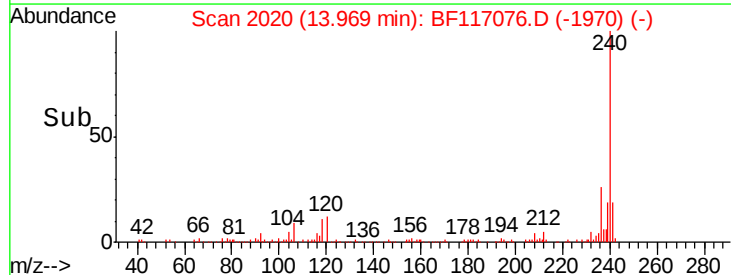
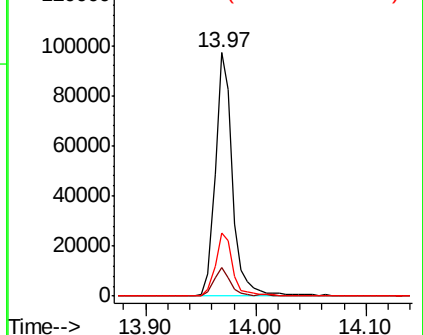


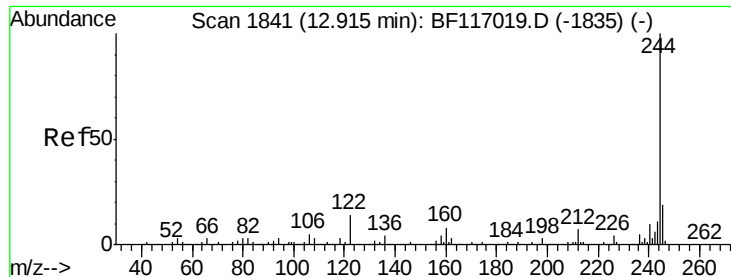
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF117076.D
Acq: 16 Sep 2019 22:25

Tgt Ion:240 Resp: 104433
Ion Ratio Lower Upper
240 100
120 11.6 8.3 12.5
236 25.8 20.3 30.5



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

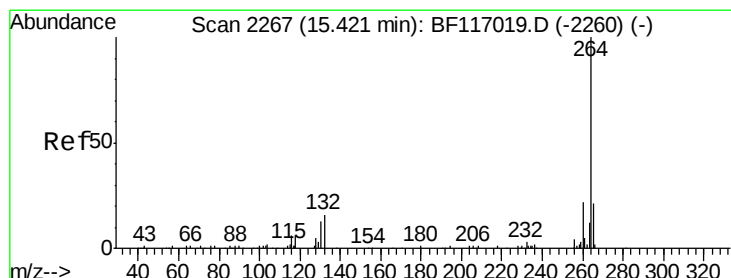
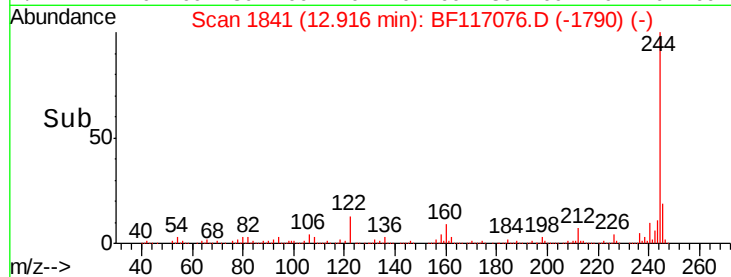
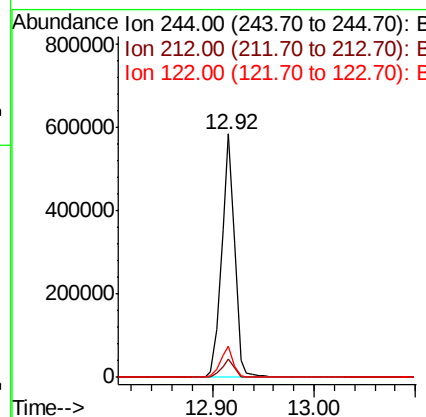
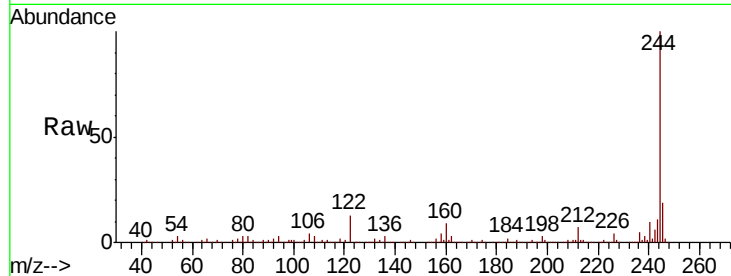




#79
 Terphenyl-d14
 Concen: 92.881 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: BF117076.D
 Acq: 16 Sep 2019 22:25

Instrument :
 BNA_F
 ClientSampleId :
 RBR-200028

Tot Ion:244 Resp: 518922
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.8 8.8
 122 12.7 11.3 16.9



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.42 min Scan# 2266
 Delta R.T. -0.01 min
 Lab File: BF117076.D
 Acq: 16 Sep 2019 22:25

Tgt Ion:264 Resp: 72577
 Ion Ratio Lower Upper
 264 100
 260 22.4 17.6 26.4
 265 21.9 16.6 24.8

