

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100219\
 Data File : BF117304.D
 Acq On : 2 Oct 2019 17:20
 Operator : JU
 Sample : K5131-11
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20190825-COMPOSITE-A

Quant Time: Oct 03 02:34:08 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

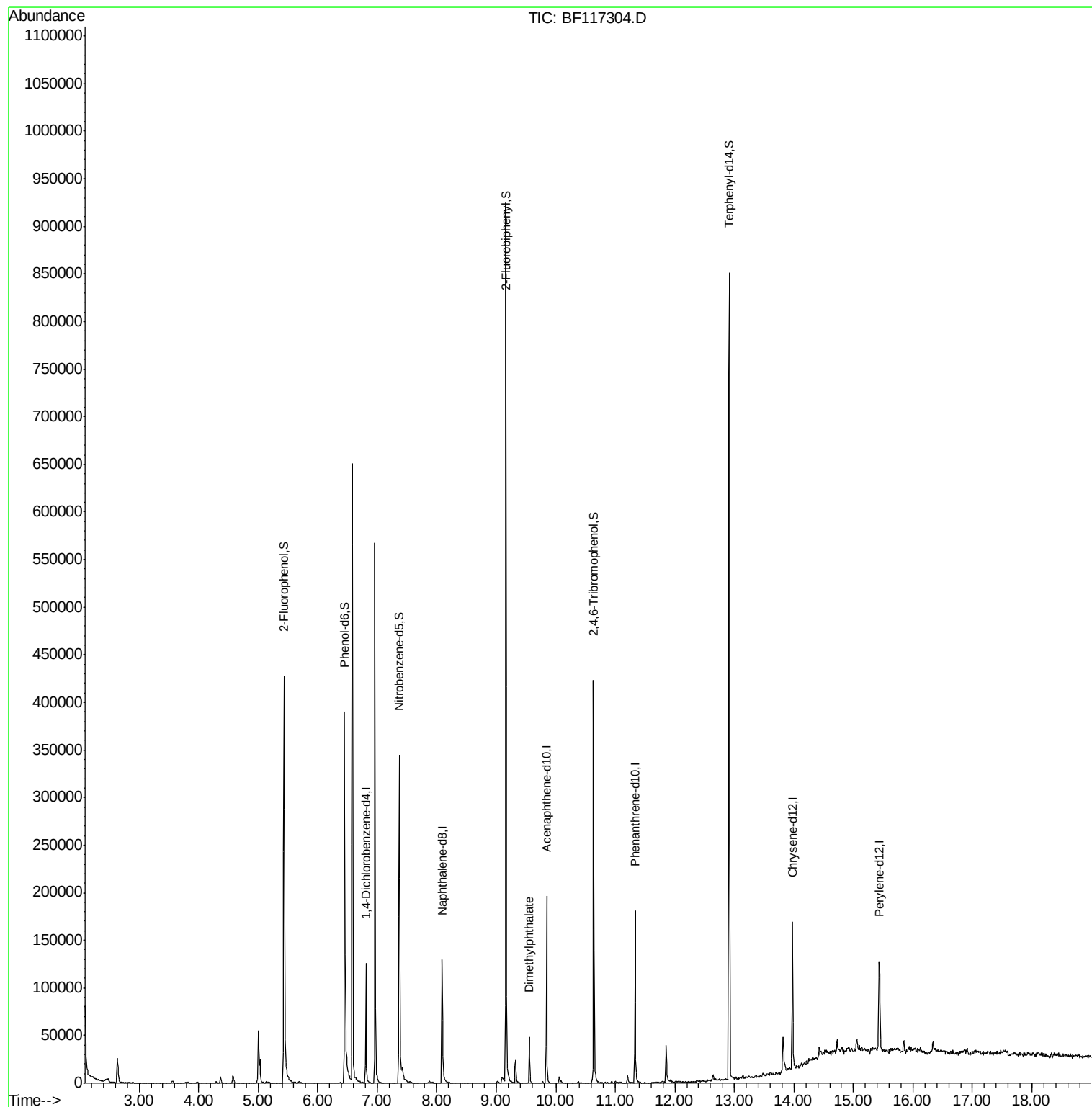
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	20704	20.00	ng	-0.01
21) Naphthalene-d8	8.09	136	81707	20.00	ng	-0.01
39) Acenaphthene-d10	9.85	164	43418	20.00	ng	-0.01
64) Phenanthrene-d10	11.33	188	73183	20.00	ng	0.00
76) Chrysene-d12	13.97	240	54803	20.00	ng	0.00
87) Perylene-d12	15.43	264	45399	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	150771	113.69	ng	0.00
7) Phenol-d6	6.45	99	176781	103.15	ng	0.00
23) Nitrobenzene-d5	7.37	82	136941	88.06	ng	-0.02
42) 2,4,6-Tribromophenol	10.64	330	52339	144.23	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	273554	98.51	ng	-0.01
79) Terphenyl-d14	12.92	244	275499	93.97	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.56	163	20096	6.537	ng	Qvalue 100

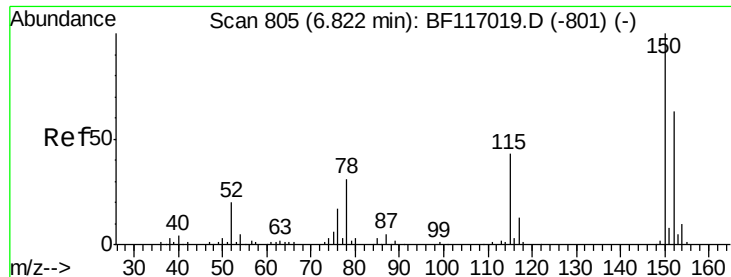
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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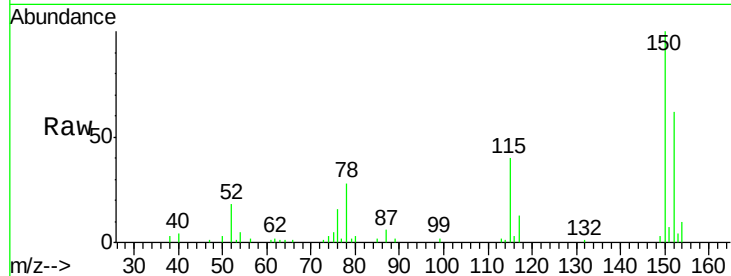


#1

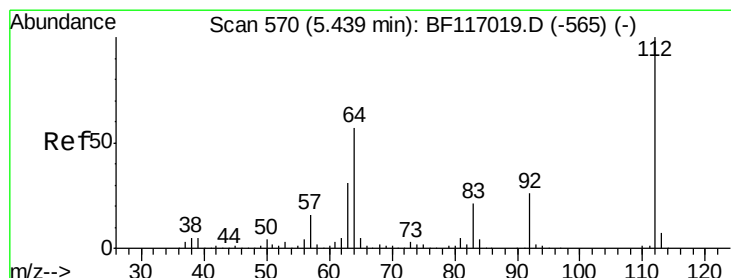
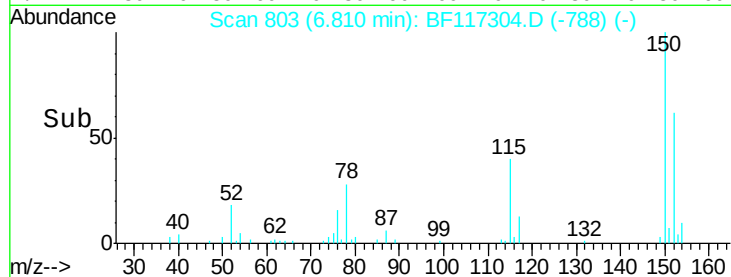
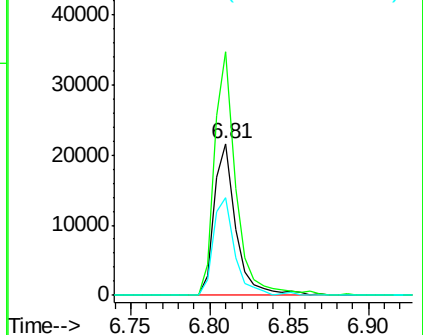
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF117304.D
Acq: 2 Oct 2019 17:20

Instrument :
BNA_F
ClientSampleId :
20190825-COMPOSITE-A

Tot Ion:152 Resp: 20704
Ion Ratio Lower Upper
152 100
150 160.2 127.5 191.3
115 64.4 55.0 82.4



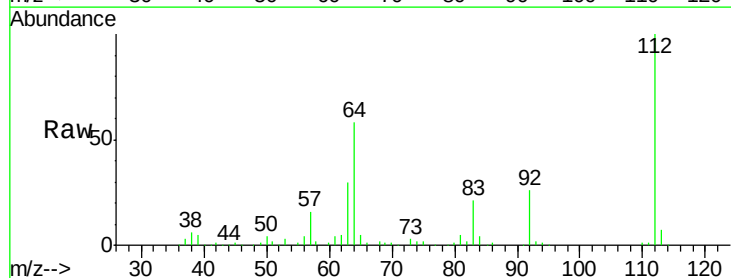
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



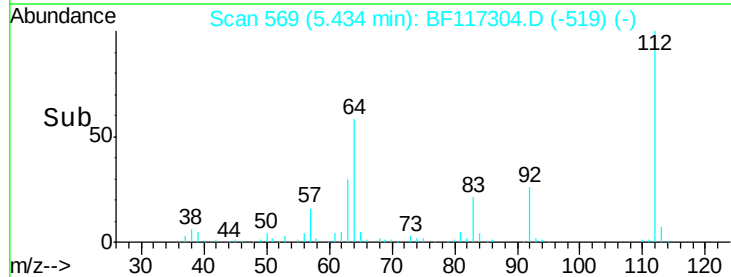
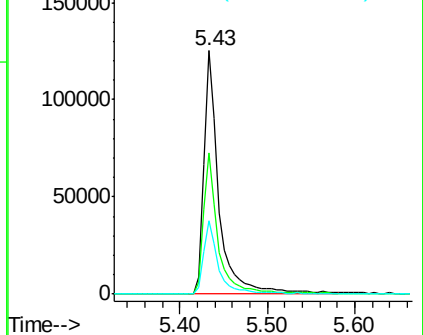
#5

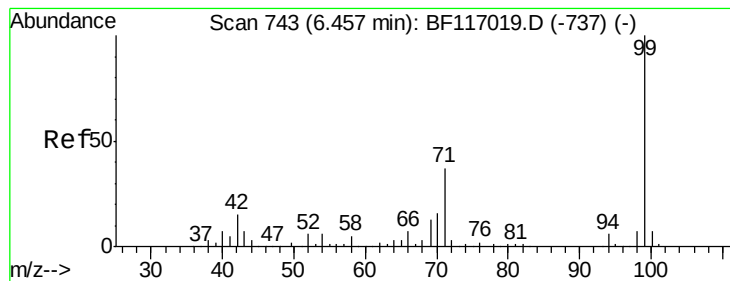
2-Fluorophenol
Concen: 113.693 ng
RT: 5.43 min Scan# 569
Delta R.T. -0.01 min
Lab File: BF117304.D
Acq: 2 Oct 2019 17:20

Tgt Ion:112 Resp: 150771
Ion Ratio Lower Upper
112 100
64 58.1 45.7 68.5
63 30.0 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: 103.150 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF117304.D

Acq: 2 Oct 2019 17:20

Instrument :

BNA_F

ClientSampleId :

20190825-COMPOSITE-A

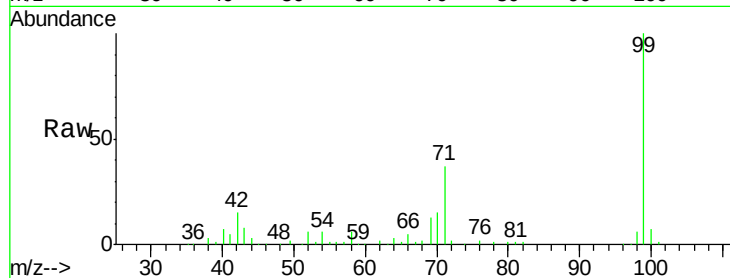
Tot Ion: 99 Resp: 176781

Ion Ratio Lower Upper

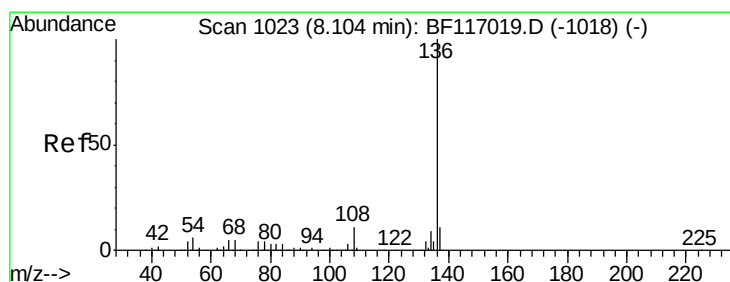
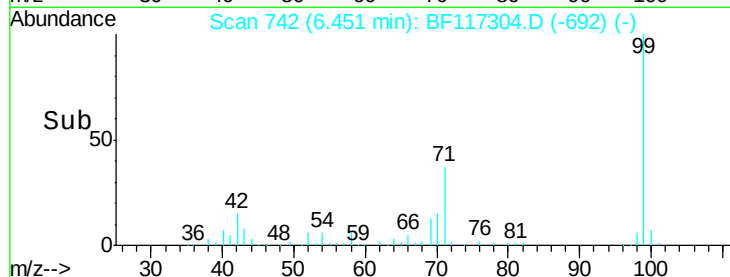
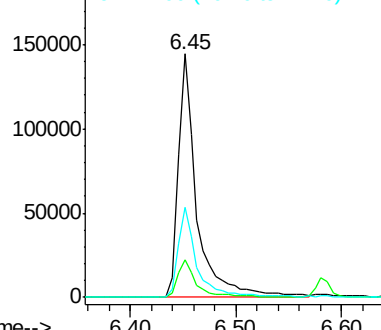
99 100

42 15.3 12.2 18.2

71 37.2 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF117304.D

Acq: 2 Oct 2019 17:20

Tgt Ion: 136 Resp: 81707

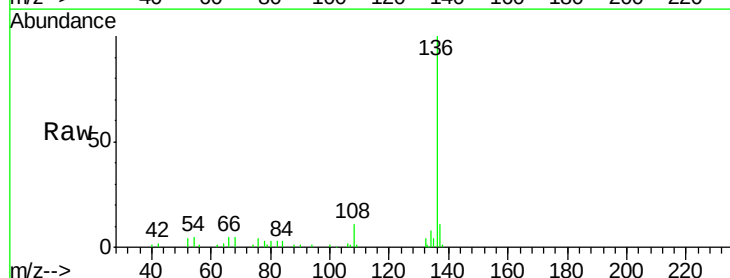
Ion Ratio Lower Upper

136 100

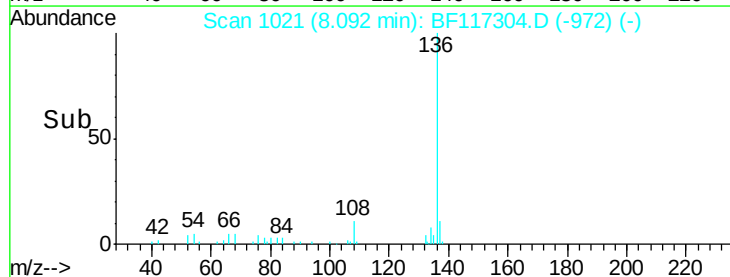
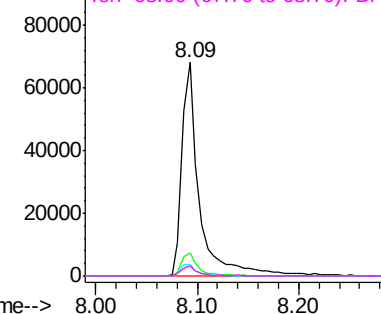
137 10.6 9.0 13.4

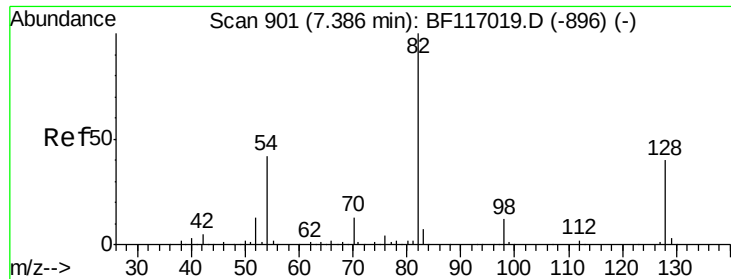
54 5.3 4.5 6.7

68 5.0 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

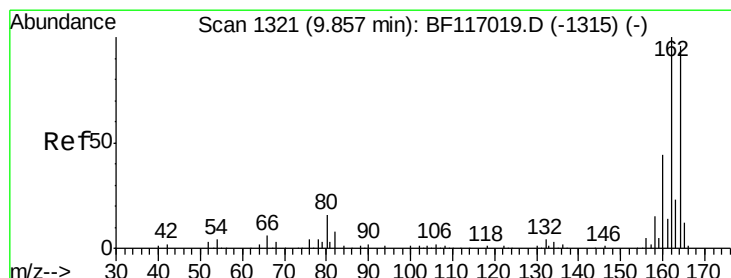
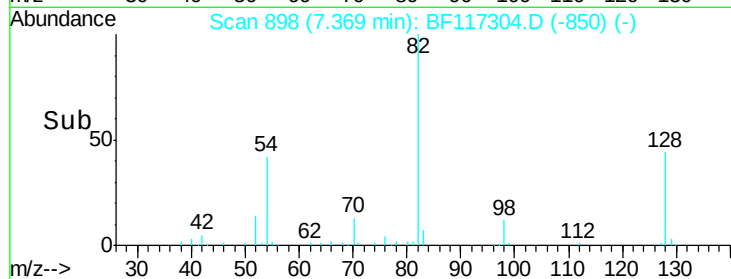
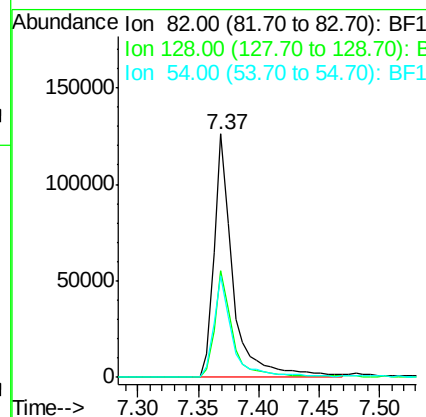
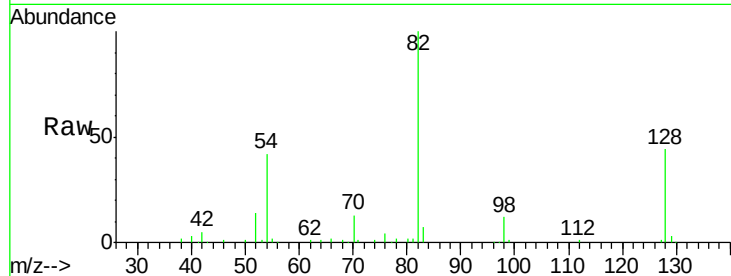




#23
 Nitrobenzene-d5
 Concen: 88.061 ng
 RT: 7.37 min Scan# 898
 Delta R.T. -0.02 min
 Lab File: BF117304.D
 Acq: 2 Oct 2019 17:20

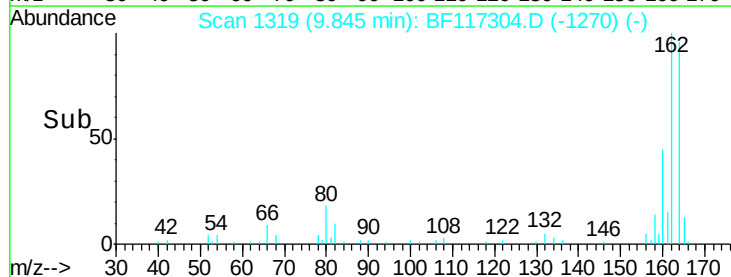
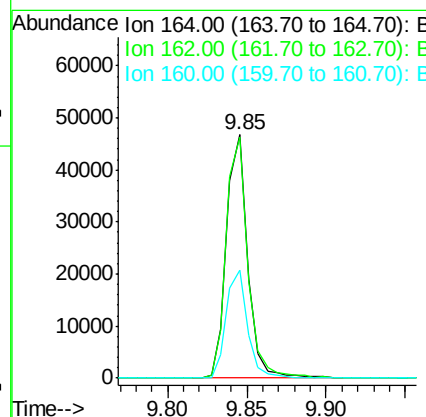
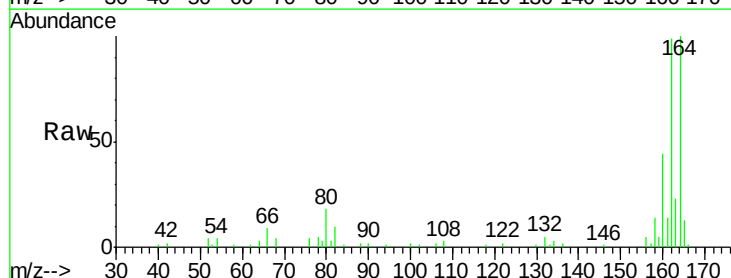
Instrument :
 BNA_F
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 20190825-COMPOSITE-A

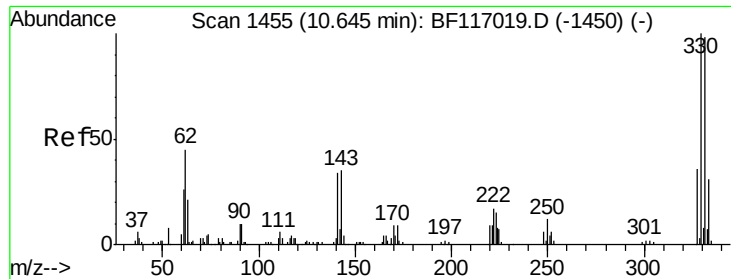
Tot Ion: 82 Resp: 136941
 Ion Ratio Lower Upper
 82 100
 128 43.8 32.3 48.5
 54 41.7 33.3 49.9



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.01 min
 Lab File: BF117304.D
 Acq: 2 Oct 2019 17:20

Tgt Ion:164 Resp: 43418
 Ion Ratio Lower Upper
 164 100
 162 98.9 83.4 125.2
 160 44.4 36.4 54.6





#42

2,4,6-Tribromophenol

Concen: 144.234 ng

RT: 10.64 min Scan# 1454

Delta R.T. -0.01 min

Lab File: BF117304.D

Acq: 2 Oct 2019 17:20

Instrument :

BNA_F

ClientSampleId :

20190825-COMPOSITE-A

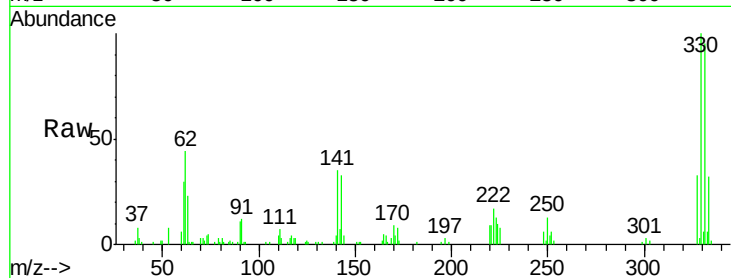
Tot Ion:330 Resp: 52339

Ion Ratio Lower Upper

330 100

332 97.5 78.0 117.0

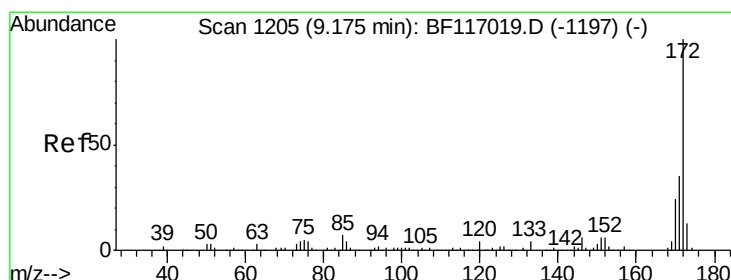
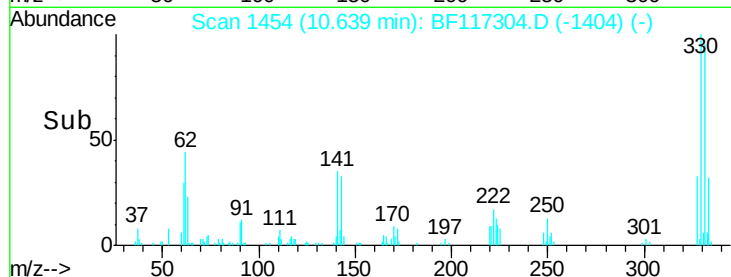
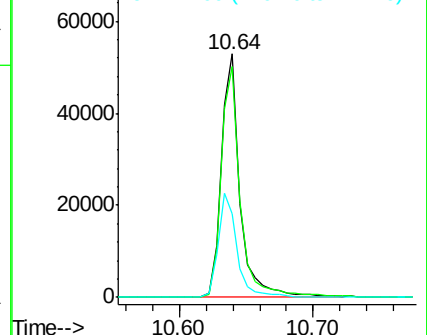
141 42.8 35.8 53.6



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: 98.513 ng

RT: 9.16 min Scan# 1203

Delta R.T. -0.01 min

Lab File: BF117304.D

Acq: 2 Oct 2019 17:20

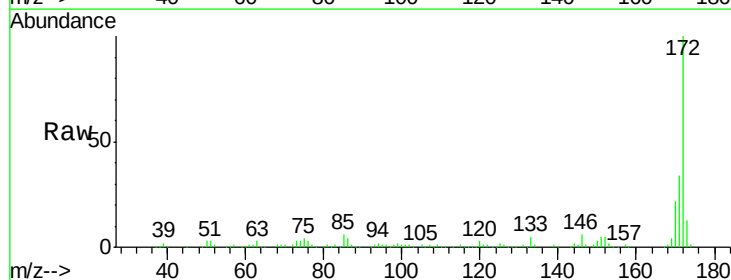
Tgt Ion:172 Resp: 273554

Ion Ratio Lower Upper

172 100

171 34.2 28.2 42.2

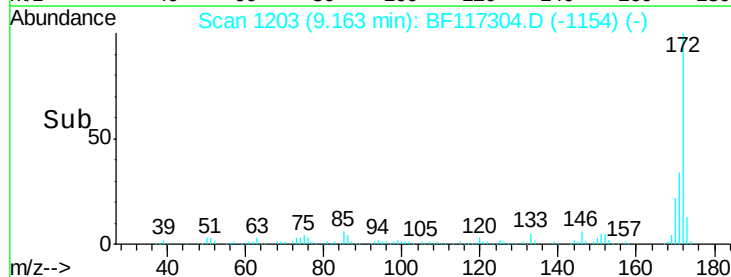
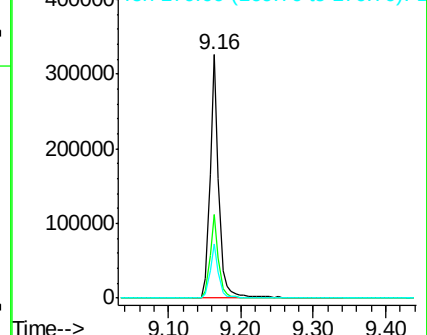
170 22.1 18.9 28.3

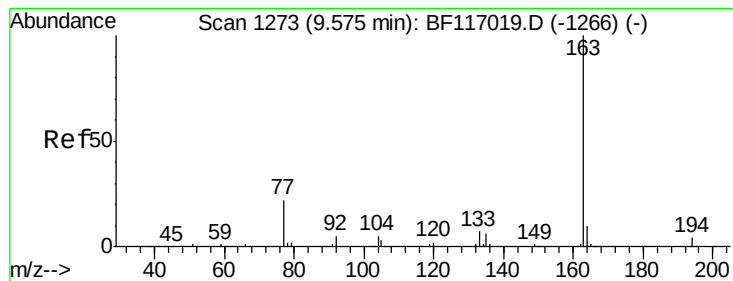


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 6.537 ng

RT: 9.56 min Scan# 1270

Delta R.T. -0.02 min

Lab File: BF117304.D

Acq: 2 Oct 2019 17:20

Instrument :

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20190825-COMPOSITE-A

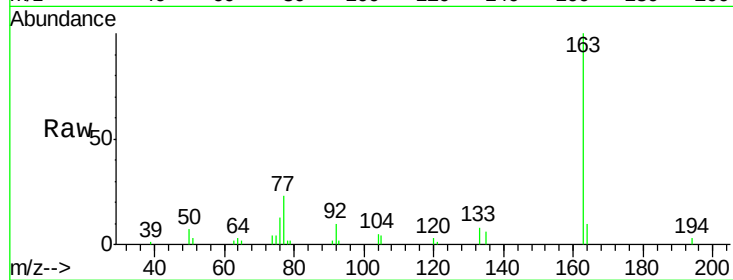
Tot Ion:163 Resp: 20096

Ion Ratio Lower Upper

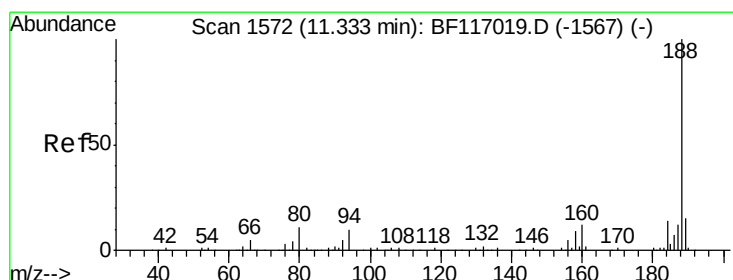
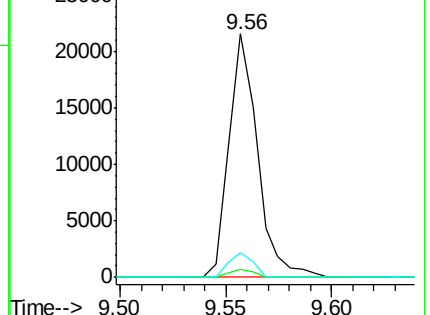
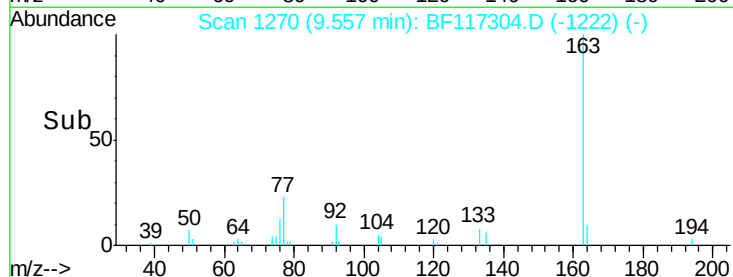
163 100

194 3.3 2.9 4.3

164 10.4 8.2 12.4



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: 11.33 min Scan# 1572

Delta R.T. 0.00 min

Lab File: BF117304.D

Acq: 2 Oct 2019 17:20

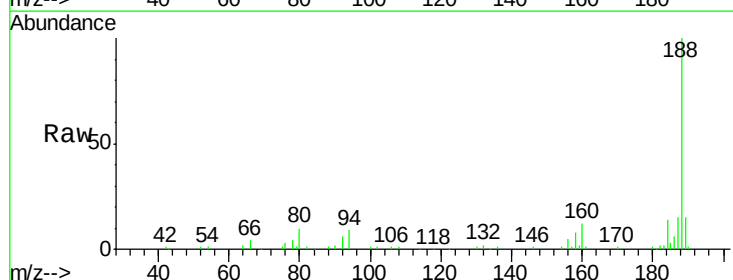
Tgt Ion:188 Resp: 73183

Ion Ratio Lower Upper

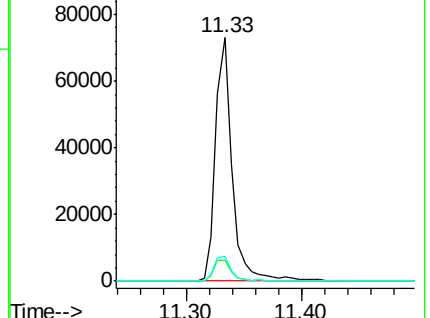
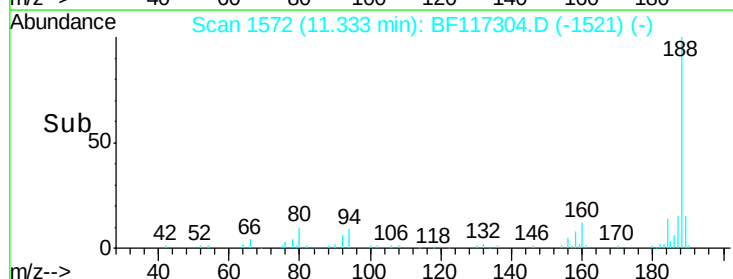
188 100

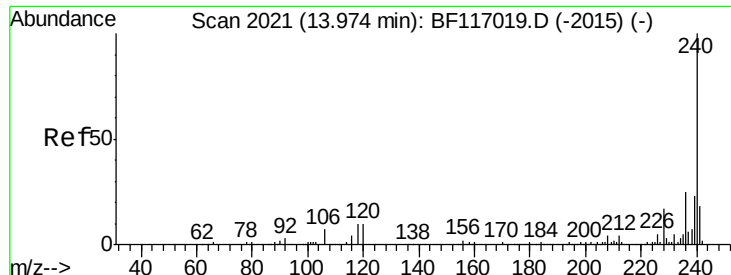
94 8.6 8.2 12.2

80 10.0 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

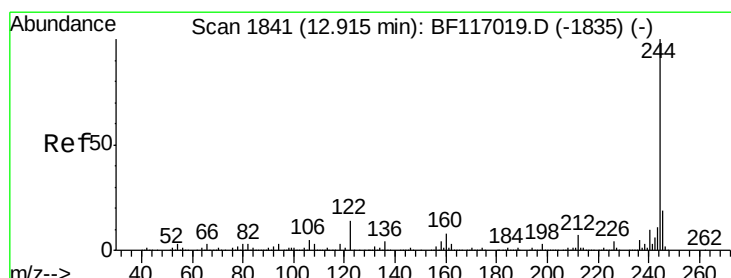
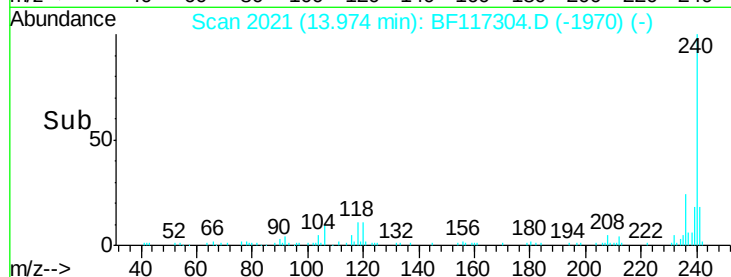
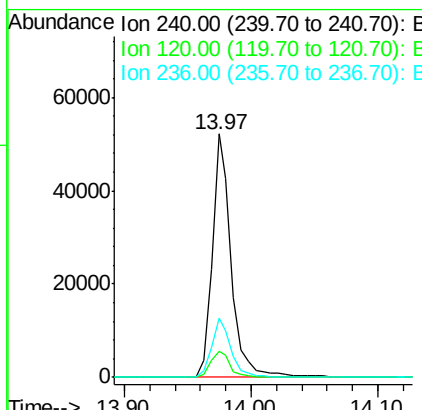
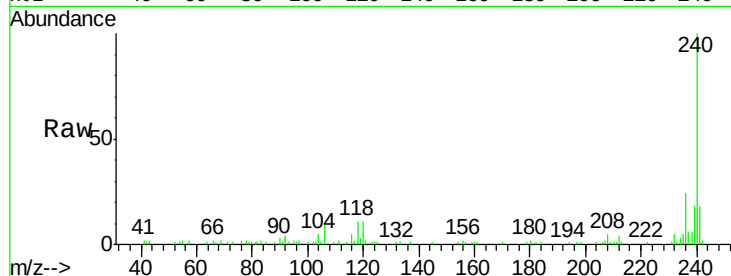




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2021
 Delta R.T. 0.00 min
 Lab File: BF117304.D
 Acq: 2 Oct 2019 17:20

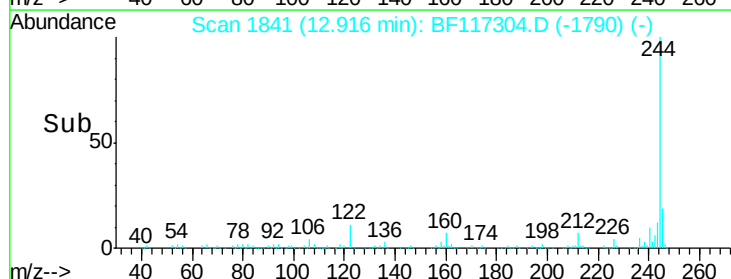
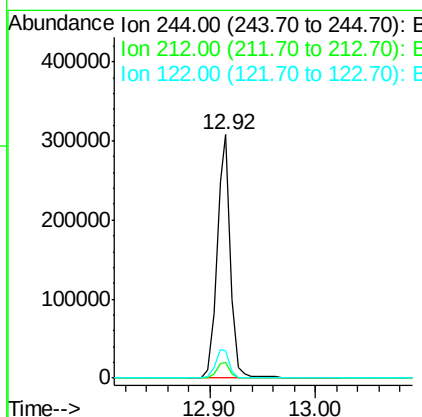
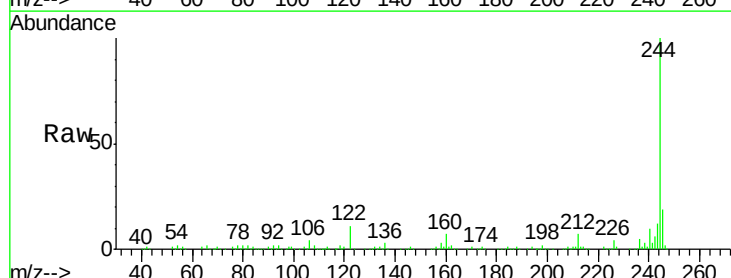
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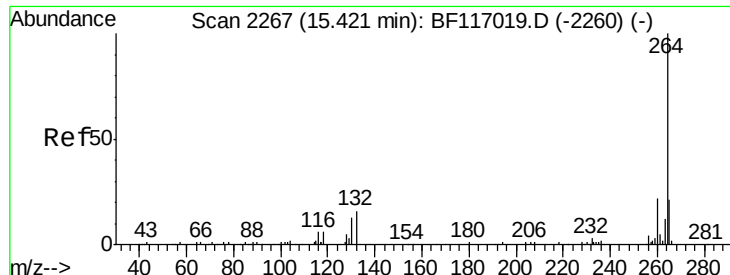
Tot Ion:240 Resp: 54803
 Ion Ratio Lower Upper
 240 100
 120 12.8 8.3 12.5#
 236 24.1 20.3 30.5



#79
 Terphenyl-d14
 Concen: 93.967 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: BF117304.D
 Acq: 2 Oct 2019 17:20

Tgt Ion:244 Resp: 275499
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.8 8.8
 122 11.2 11.3 16.9#

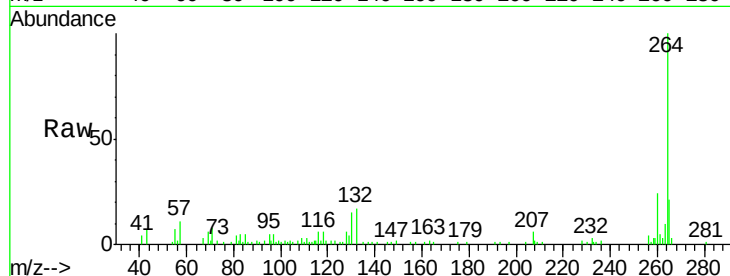




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.43 min Scan# 2269
 Delta R.T. 0.01 min
 Lab File: BF117304.D
 Acq: 2 Oct 2019 17:20

Instrument :
 BNA_F
 ClientSampleId :
 20190825-COMPOSITE-A

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	17.6	26.4
265	21.3	16.6	24.8



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

