

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100119\
 Data File : BF117290.D
 Acq On : 1 Oct 2019 21:23
 Operator : JU
 Sample : K4946-06
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GP-3 (1-3)

Quant Time: Oct 02 07:36:35 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

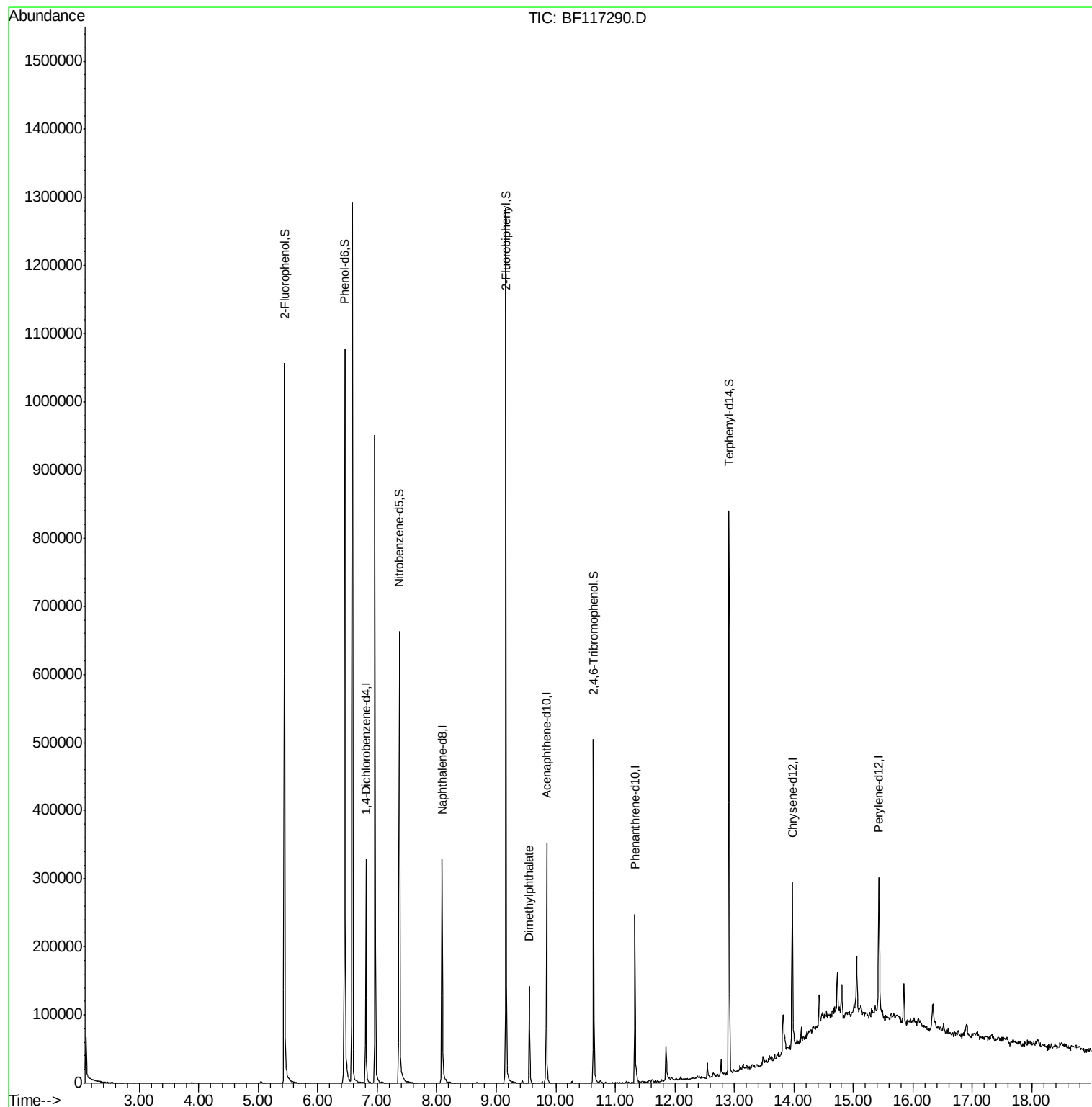
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	50955	20.00	ng	-0.01
21) Naphthalene-d8	8.09	136	185799	20.00	ng	-0.01
39) Acenaphthene-d10	9.85	164	78605	20.00	ng	-0.01
64) Phenanthrene-d10	11.33	188	105508	20.00	ng	0.00
76) Chrysene-d12	13.97	240	76609	20.00	ng	0.00
87) Perylene-d12	15.43	264	61636	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	324113	99.31	ng	0.00
7) Phenol-d6	6.46	99	439599	104.22	ng	0.00
23) Nitrobenzene-d5	7.37	82	264903	74.91	ng	-0.01
42) 2,4,6-Tribromophenol	10.63	330	55457	84.41	ng	-0.01
45) 2-Fluorobiphenyl	9.16	172	390685	77.71	ng	-0.01
79) Terphenyl-d14	12.91	244	262376	64.02	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.56	163	60628	10.893	ng	Qvalue 98

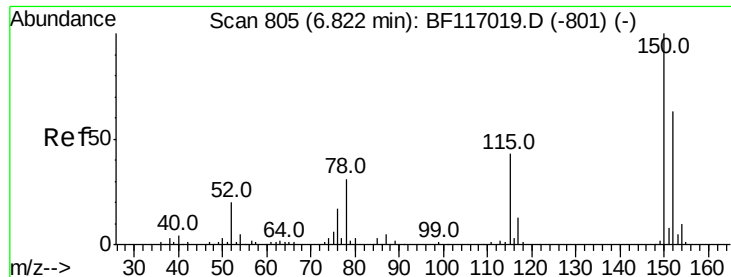
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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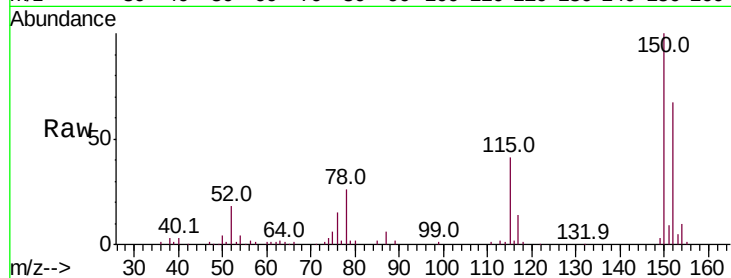


#1

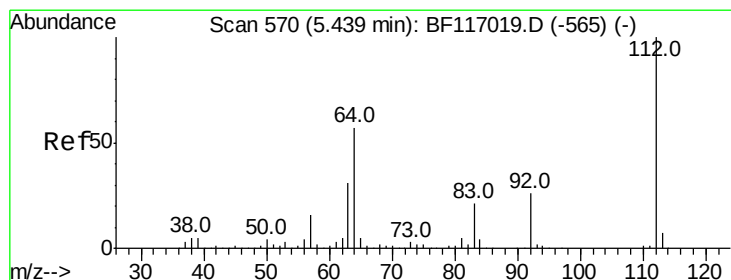
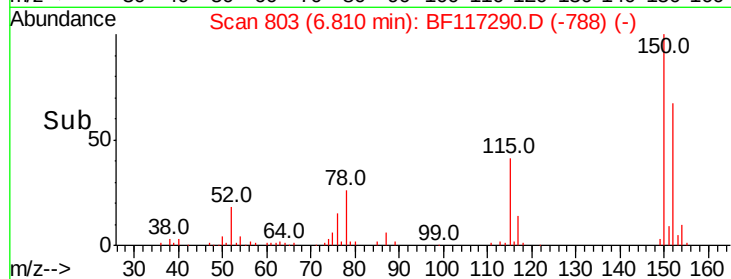
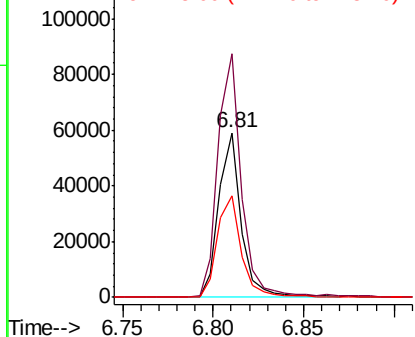
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF117290.D
Acq: 1 Oct 2019 21:23

Instrument :
BNA_F
ClientSampleId :
GP-3 (1-3)

Tot Ion:152 Resp: 50955
Ion Ratio Lower Upper
152 100
150 148.2 127.5 191.3
115 61.5 55.0 82.4



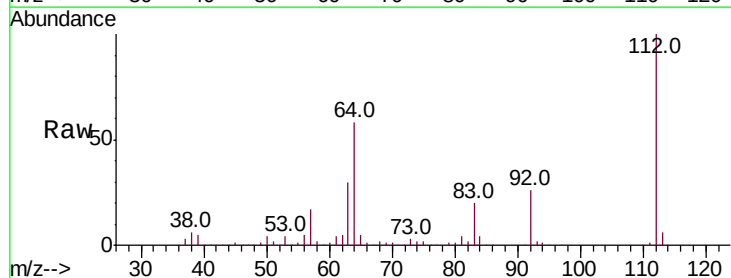
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



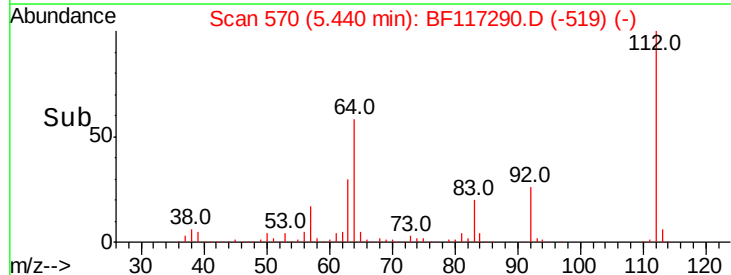
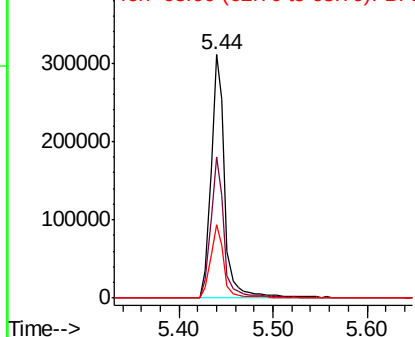
#5

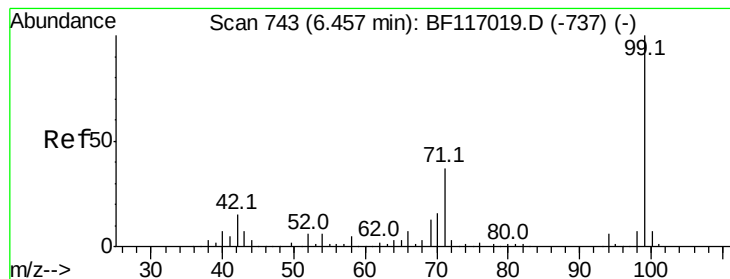
2-Fluorophenol
Concen: 99.307 ng
RT: 5.44 min Scan# 570
Delta R.T. 0.00 min
Lab File: BF117290.D
Acq: 1 Oct 2019 21:23

Tgt Ion:112 Resp: 324113
Ion Ratio Lower Upper
112 100
64 58.0 45.7 68.5
63 30.2 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: 104.222 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.00 min

Lab File: BF117290.D

Acq: 1 Oct 2019 21:23

Instrument :

BNA_F

ClientSampleId :

GP-3 (1-3)

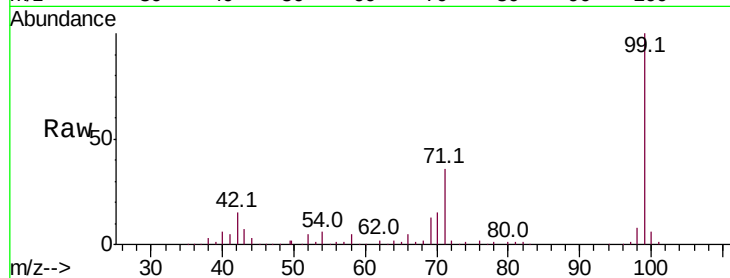
Tot Ion: 99 Resp: 439599

Ion Ratio Lower Upper

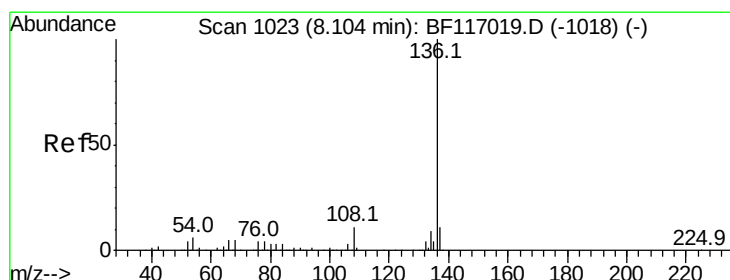
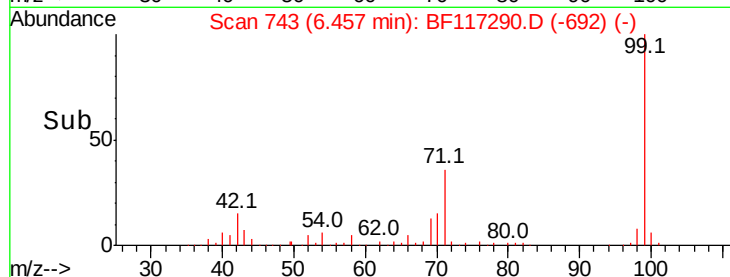
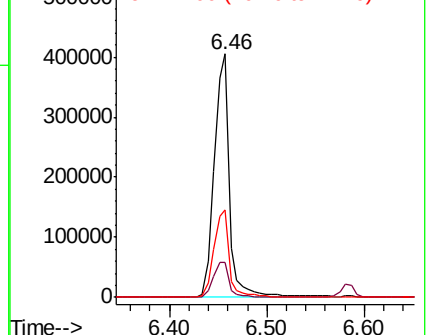
99 100

42 14.6 12.2 18.2

71 35.7 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: BF117290.D

Acq: 1 Oct 2019 21:23

Tgt Ion: 136 Resp: 185799

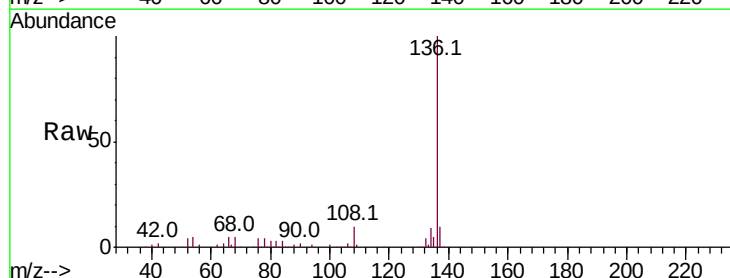
Ion Ratio Lower Upper

136 100

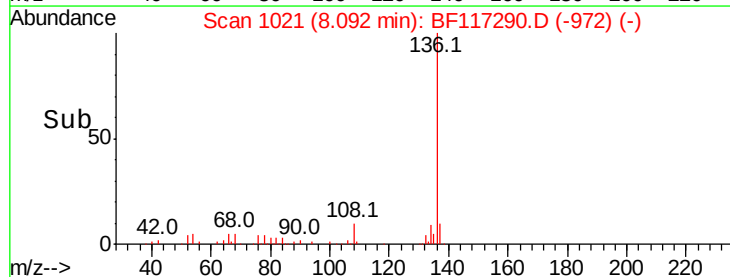
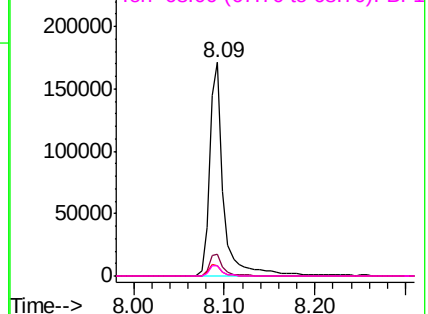
137 10.3 9.0 13.4

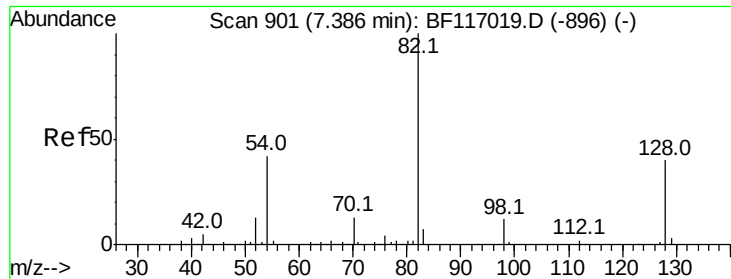
54 4.9 4.5 6.7

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

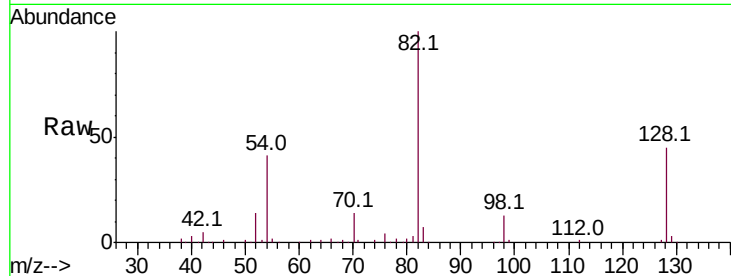




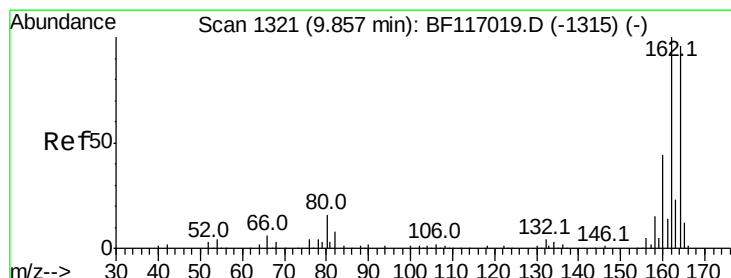
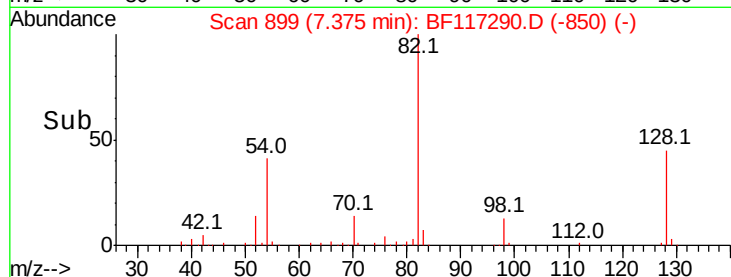
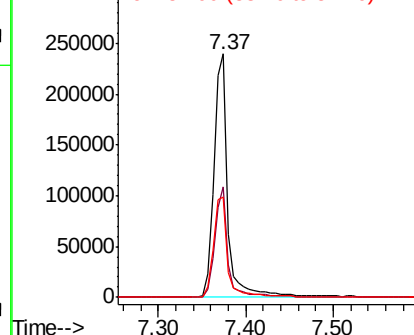
#23
 Nitrobenzene-d5
 Concen: 74.912 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: BF117290.D
 Acq: 1 Oct 2019 21:23

Instrument :
 BNA_F
 ClientSampleId :
 GP-3 (1-3)

Tot Ion	82	Resp	264903
Ion Ratio	Lower	Upper	
82	100		
128	45.3	32.3	48.5
54	41.2	33.3	49.9

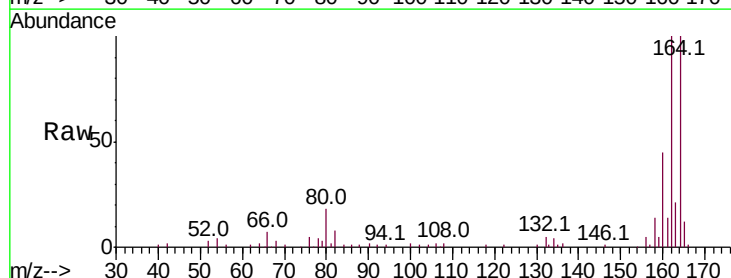


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

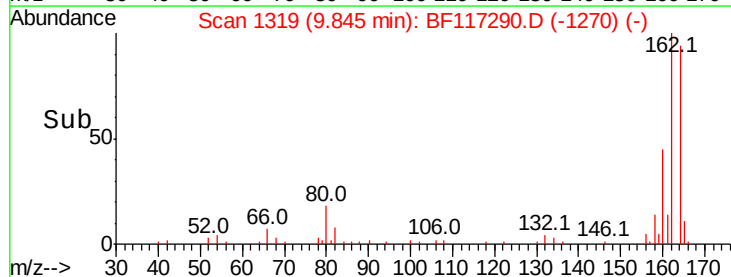
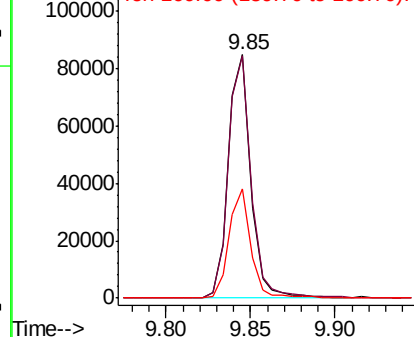


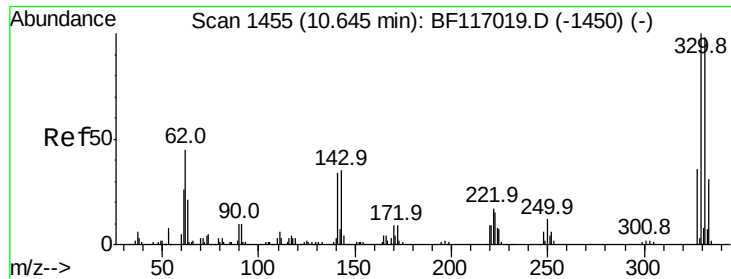
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.01 min
 Lab File: BF117290.D
 Acq: 1 Oct 2019 21:23

Tgt Ion	164	Resp	78605
Ion Ratio	Lower	Upper	
164	100		
162	99.6	83.4	125.2
160	44.7	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: 84.415 ng

RT: 10.63 min Scan# 1453

Delta R.T. -0.01 min

Lab File: BF117290.D

Acq: 1 Oct 2019 21:23

Instrument :

BNA_F

ClientSampleId :

GP-3 (1-3)

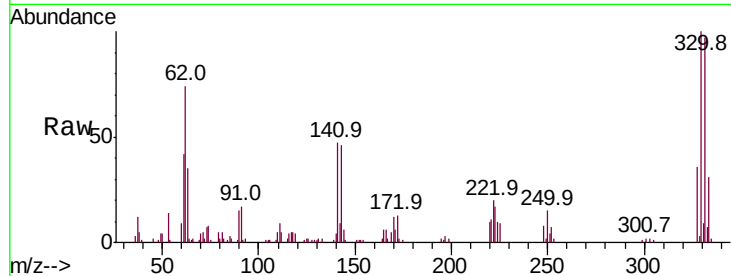
Tot Ion:330 Resp: 55457

Ion Ratio Lower Upper

330 100

332 97.5 78.0 117.0

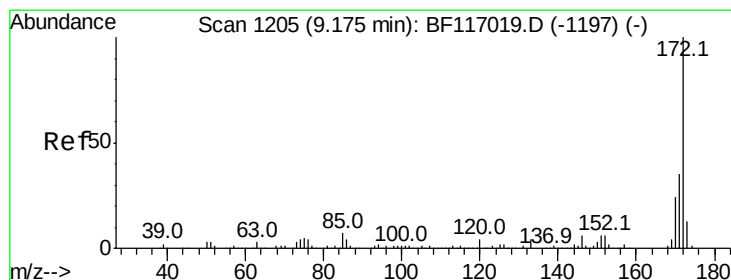
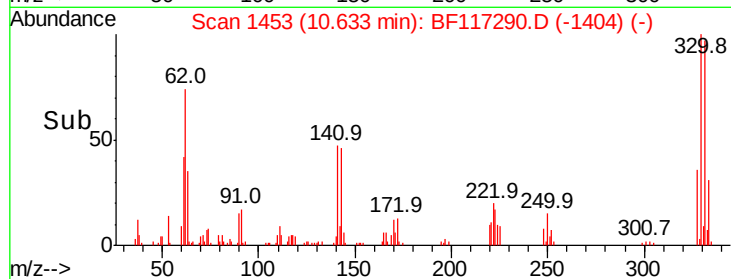
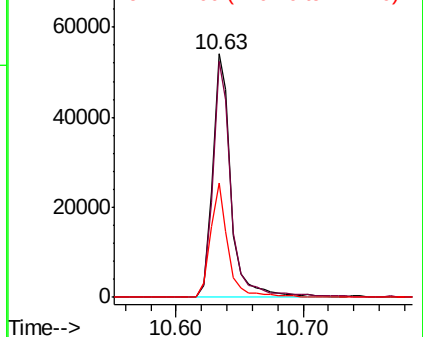
141 44.1 35.8 53.6



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: 77.713 ng

RT: 9.16 min Scan# 1203

Delta R.T. -0.01 min

Lab File: BF117290.D

Acq: 1 Oct 2019 21:23

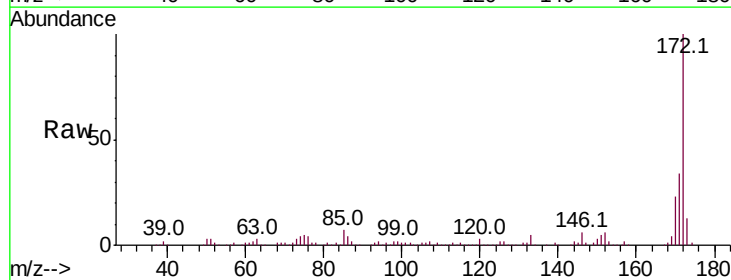
Tgt Ion:172 Resp: 390685

Ion Ratio Lower Upper

172 100

171 34.4 28.2 42.2

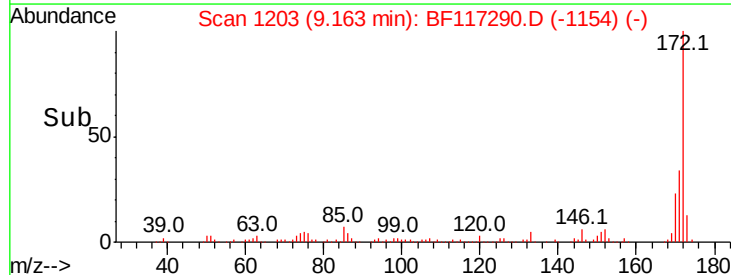
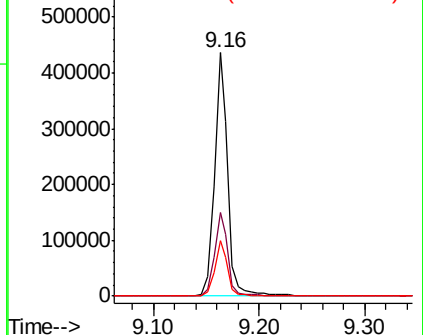
170 22.9 18.9 28.3

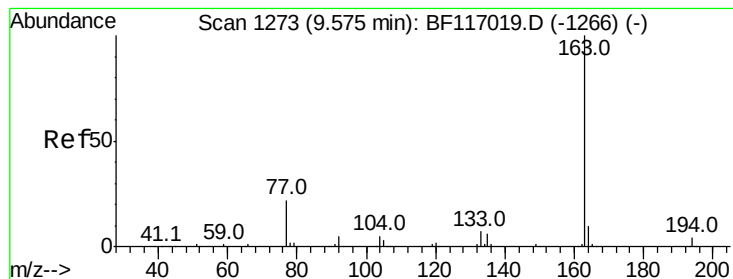


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 10.893 ng

RT: 9.56 min Scan# 1270

Delta R.T. -0.02 min

Lab File: BF117290.D

Acq: 1 Oct 2019 21:23

Instrument :

BNA_F

ClientSampleId :

GP-3 (1-3)

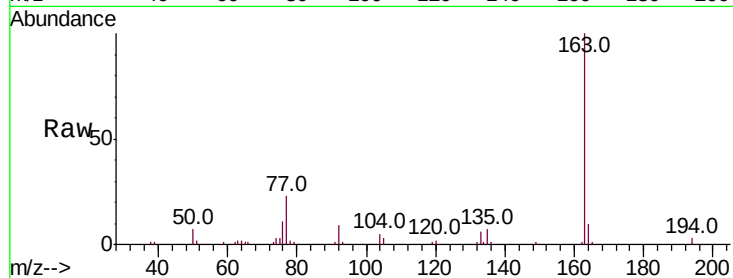
Tot Ion:163 Resp: 60628

Ion Ratio Lower Upper

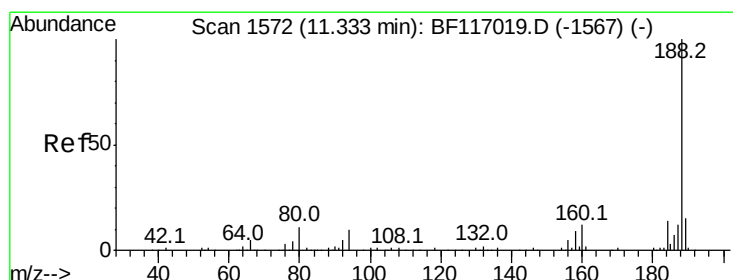
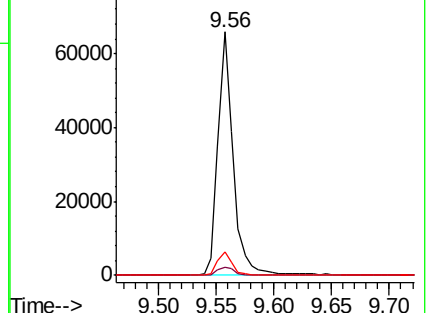
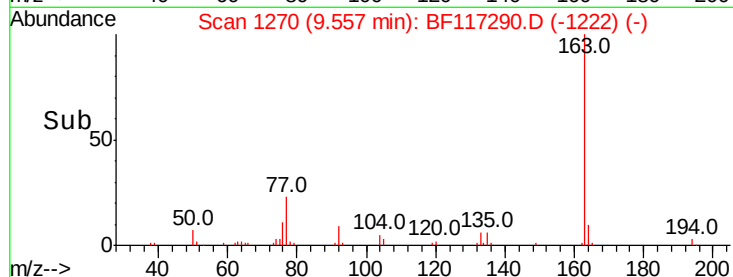
163 100

194 3.3 2.9 4.3

164 9.7 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# 1571

Delta R.T. -0.01 min

Lab File: BF117290.D

Acq: 1 Oct 2019 21:23

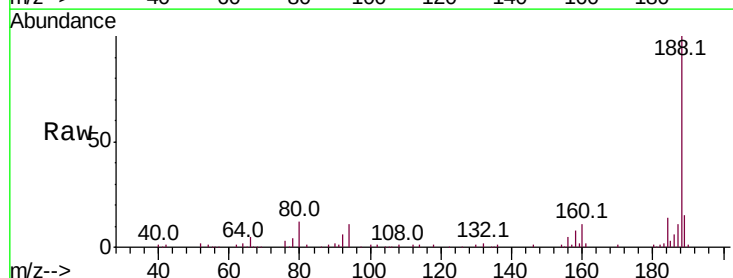
Tgt Ion:188 Resp: 105508

Ion Ratio Lower Upper

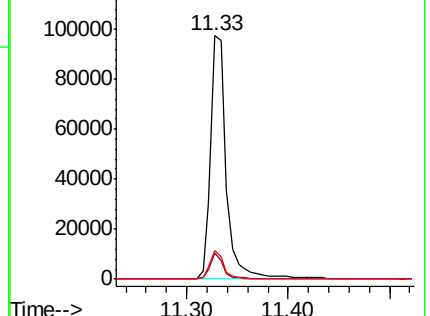
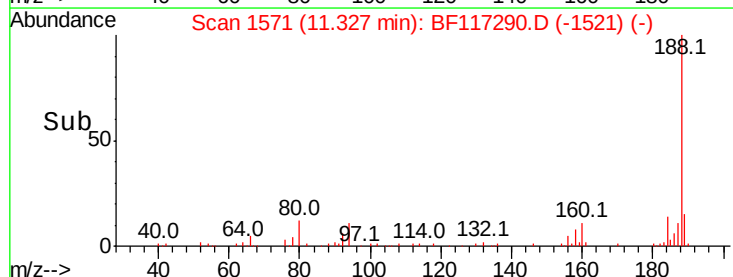
188 100

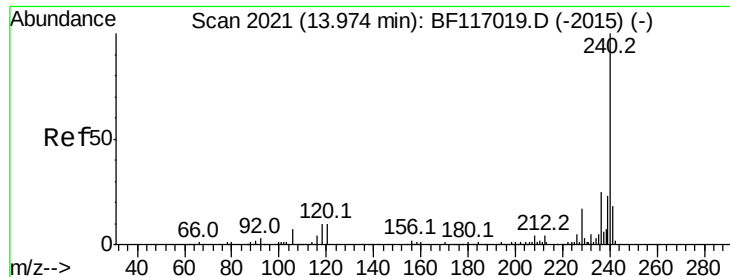
94 10.6 8.2 12.2

80 11.9 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

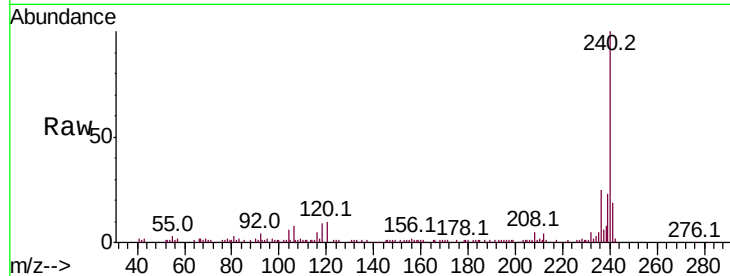




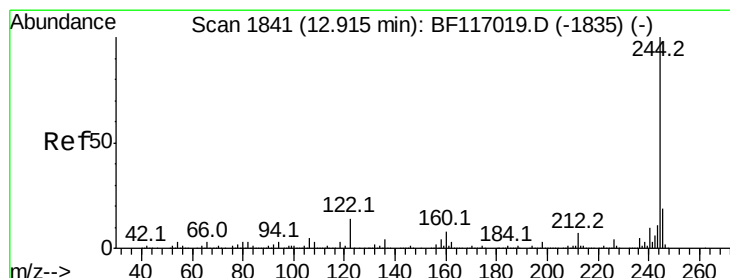
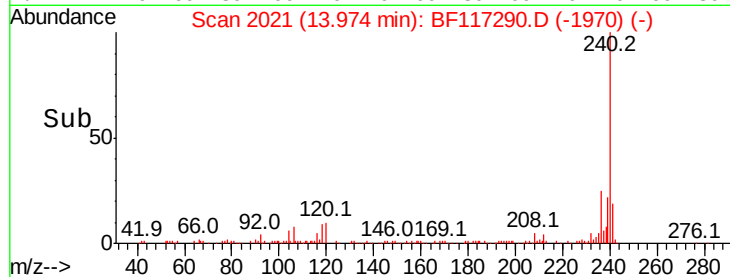
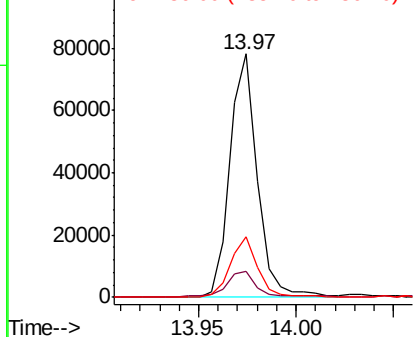
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. 0.00 min
Lab File: BF117290.D
Acq: 1 Oct 2019 21:23

Instrument :
BNA_F
ClientSampleId :
GP-3 (1-3)

Tot Ion:240 Resp: 76609
Ion Ratio Lower Upper
240 100
120 10.5 8.3 12.5
236 24.8 20.3 30.5

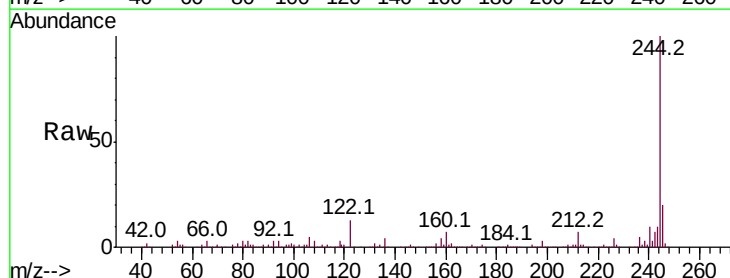


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

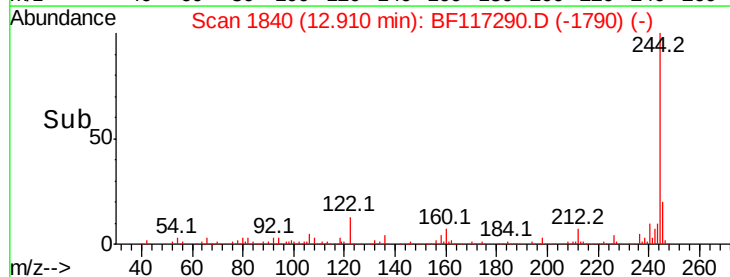
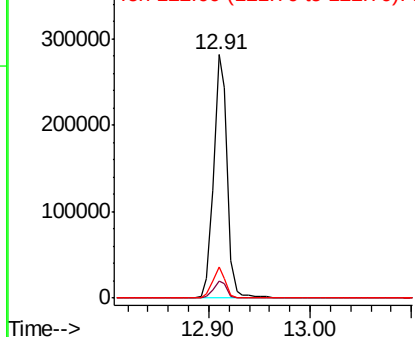


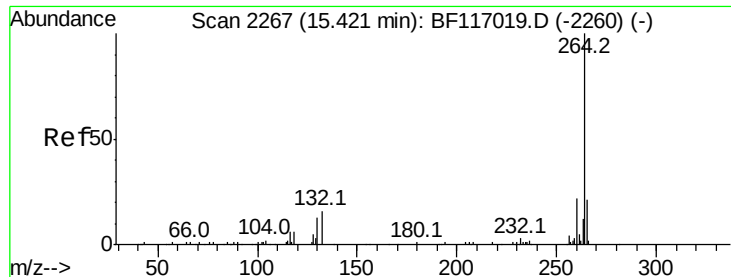
#79
Terphenyl-d14
Concen: 64.018 ng
RT: 12.91 min Scan# 1840
Delta R.T. -0.01 min
Lab File: BF117290.D
Acq: 1 Oct 2019 21:23

Tgt Ion:244 Resp: 262376
Ion Ratio Lower Upper
244 100
212 7.0 5.8 8.8
122 12.8 11.3 16.9



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

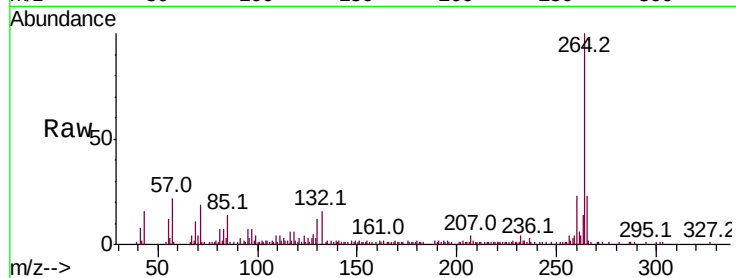




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.43 min Scan# 2269
 Delta R.T. 0.01 min
 Lab File: BF117290.D
 Acq: 1 Oct 2019 21:23

Instrument :
 BNA_F
 ClientSampleId :
 GP-3 (1-3)

Tot Ion: 264 Resp: 61636
 Ion Ratio Lower Upper
 264 100
 260 23.3 17.6 26.4
 265 22.8 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

