

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100119\
 Data File : BF117289.D
 Acq On : 1 Oct 2019 20:56
 Operator : JU
 Sample : K4946-04 5X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GP-2 (1-3)

Quant Time: Oct 02 07:36:21 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

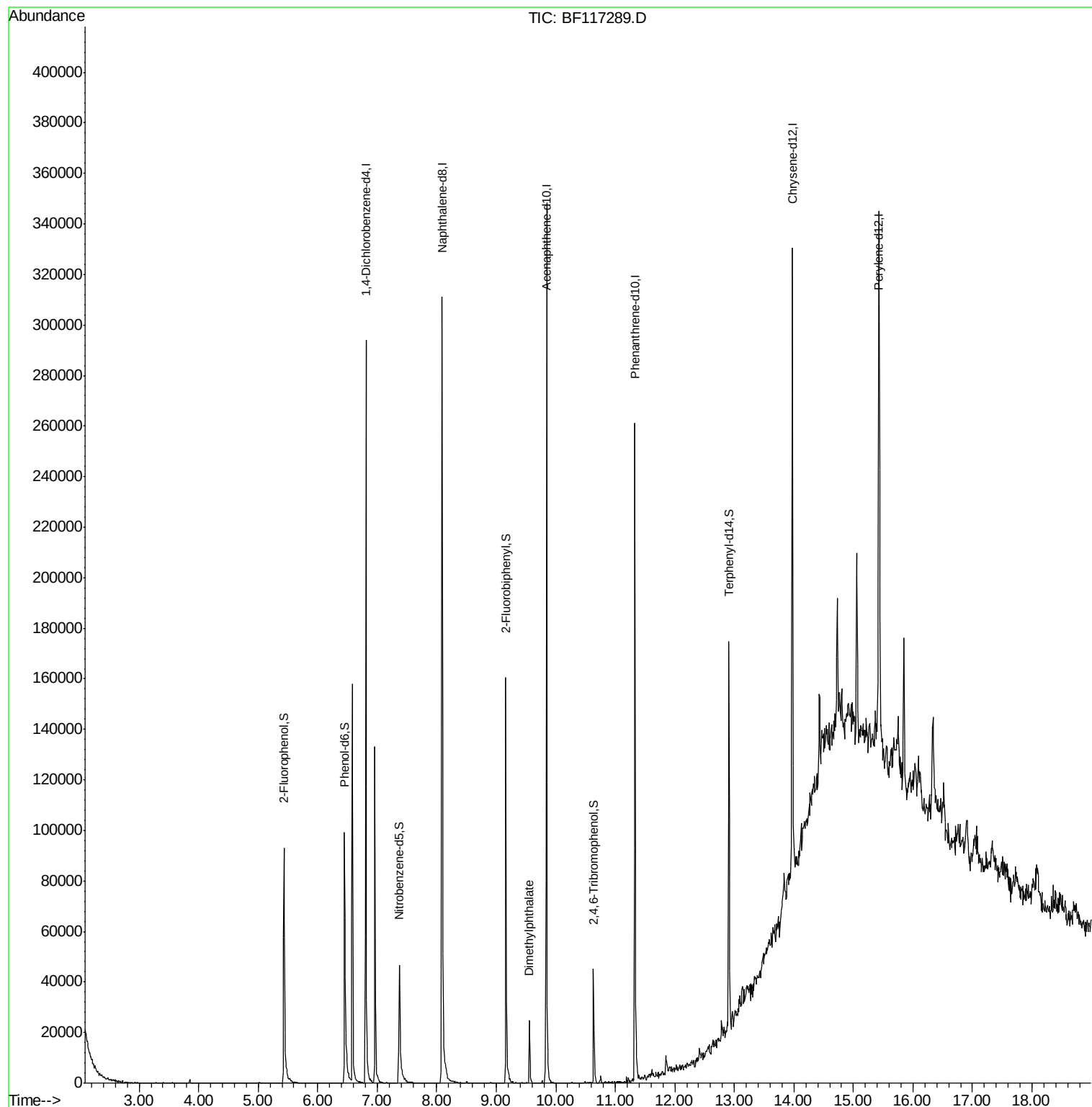
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	50500	20.00	ng	-0.01
21) Naphthalene-d8	8.09	136	191811	20.00	ng	-0.01
39) Acenaphthene-d10	9.85	164	78028	20.00	ng	-0.01
64) Phenanthrene-d10	11.33	188	108957	20.00	ng	0.00
76) Chrysene-d12	13.97	240	83352	20.00	ng	0.00
87) Perylene-d12	15.43	264	68308	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	37560	11.61	ng	0.00
7) Phenol-d6	6.45	99	57934	13.86	ng	0.00
23) Nitrobenzene-d5	7.37	82	32053	8.78	ng	-0.01
42) 2,4,6-Tribromophenol	10.64	330	7205	11.05	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	59543	11.93	ng	-0.01
79) Terphenyl-d14	12.91	244	46513	10.43	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.56	163	13547	2.452	ng	Qvalue 99

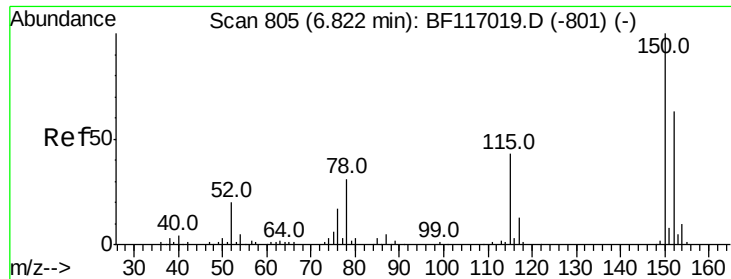
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration



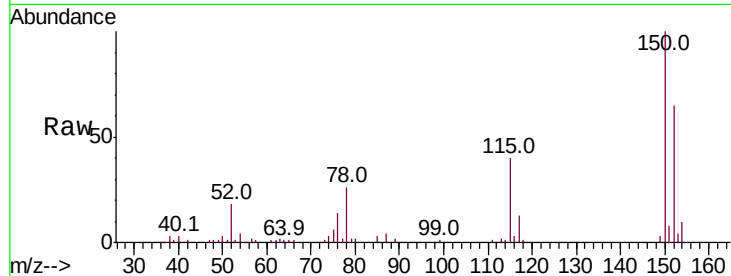


#1

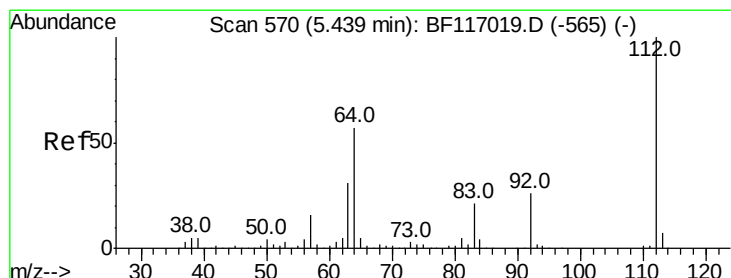
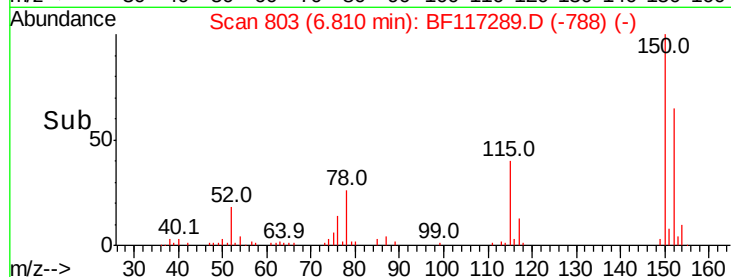
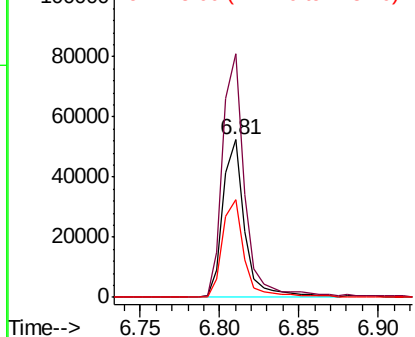
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF117289.D
Acq: 1 Oct 2019 20:56

Instrument :
BNA_F
ClientSampleId :
GP-2 (1-3)

Tot Ion:152 Resp: 50500
Ion Ratio Lower Upper
152 100
150 154.3 127.5 191.3
115 62.2 55.0 82.4



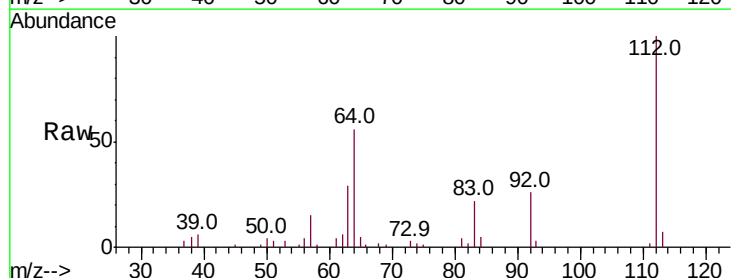
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



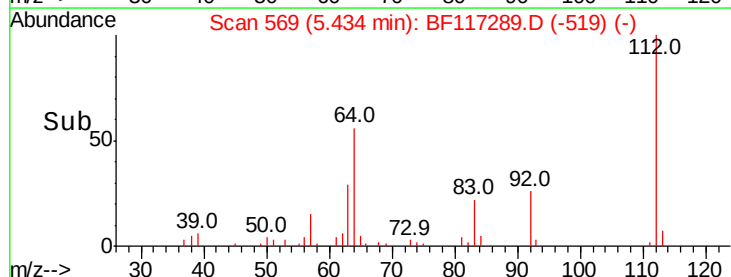
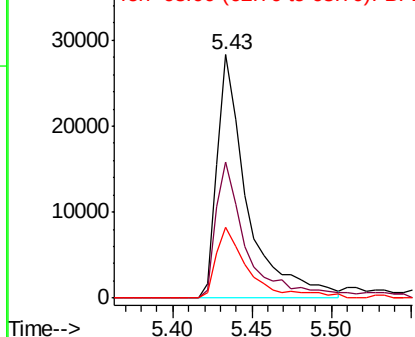
#5

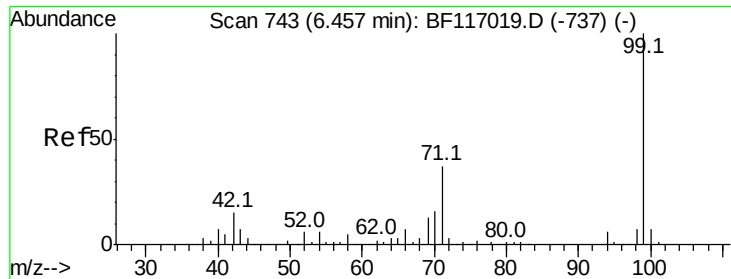
2-Fluorophenol
Concen: 11.612 ng
RT: 5.43 min Scan# 569
Delta R.T. -0.01 min
Lab File: BF117289.D
Acq: 1 Oct 2019 20:56

Tgt Ion:112 Resp: 37560
Ion Ratio Lower Upper
112 100
64 55.8 45.7 68.5
63 29.1 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: 13.859 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF117289.D

Acq: 1 Oct 2019 20:56

Instrument :

BNA_F

ClientSampleId :

GP-2 (1-3)

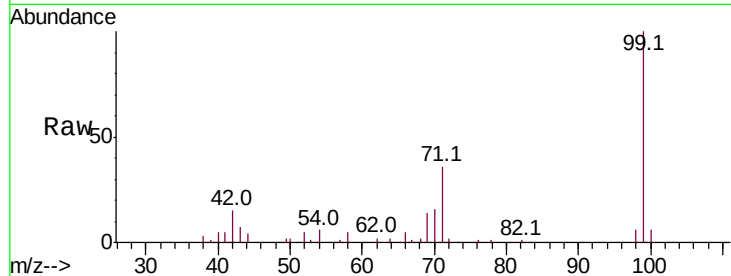
Tot Ion: 99 Resp: 57934

Ion Ratio Lower Upper

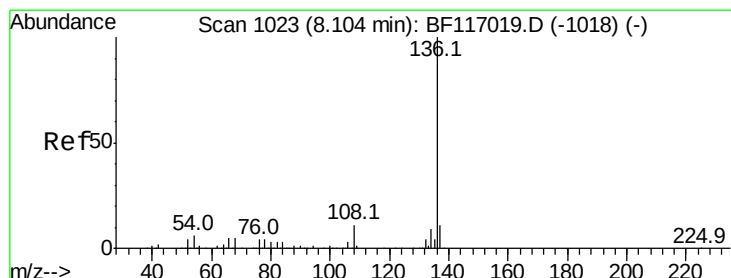
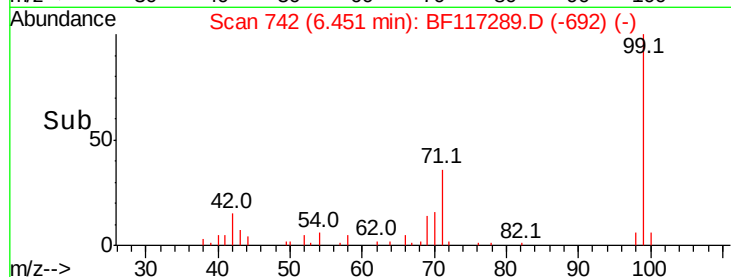
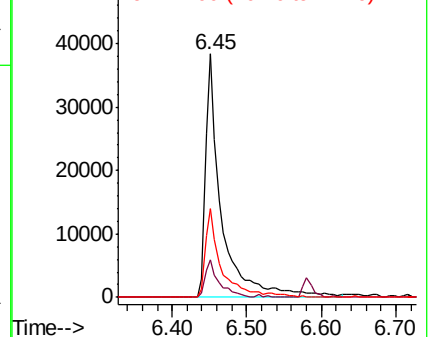
99 100

42 15.2 12.2 18.2

71 36.4 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: BF117289.D

Acq: 1 Oct 2019 20:56

Tgt Ion: 136 Resp: 191811

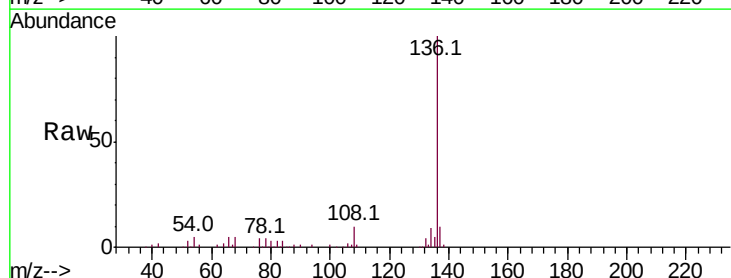
Ion Ratio Lower Upper

136 100

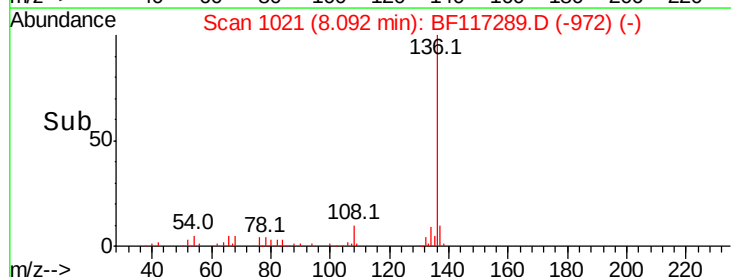
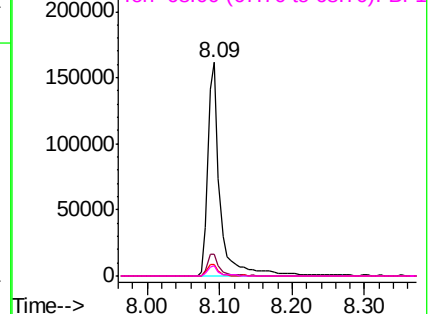
137 10.4 9.0 13.4

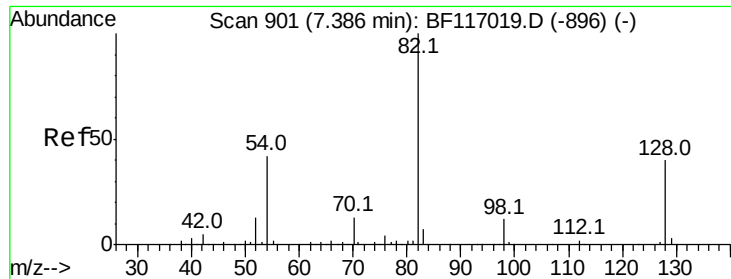
54 5.3 4.5 6.7

68 4.5 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

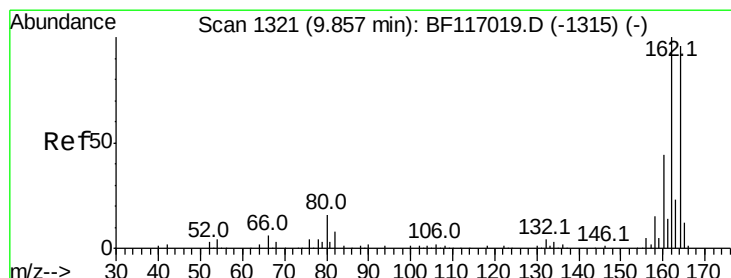
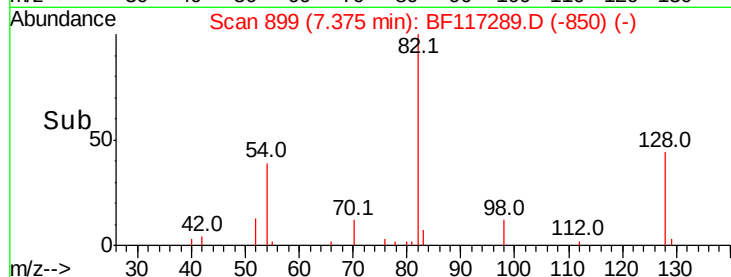
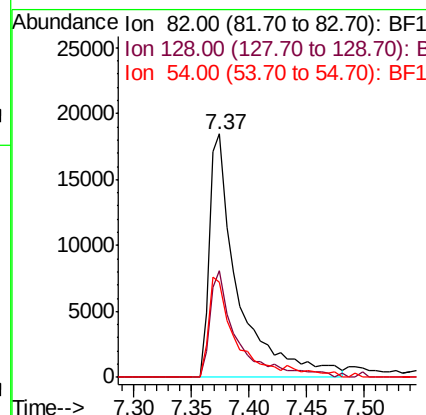
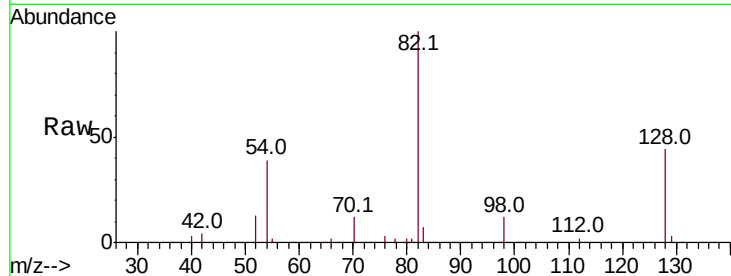




#23
 Nitrobenzene-d5
 Concen: 8.780 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: BF117289.D
 Acq: 1 Oct 2019 20:56

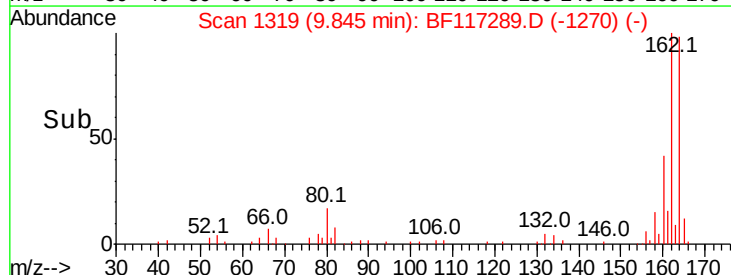
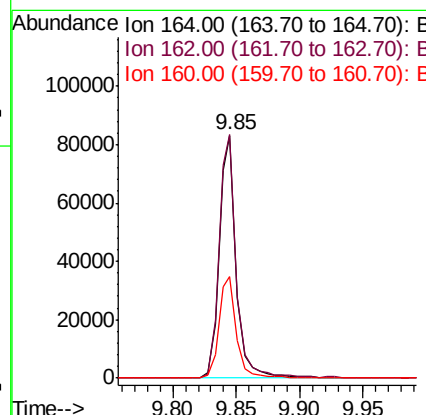
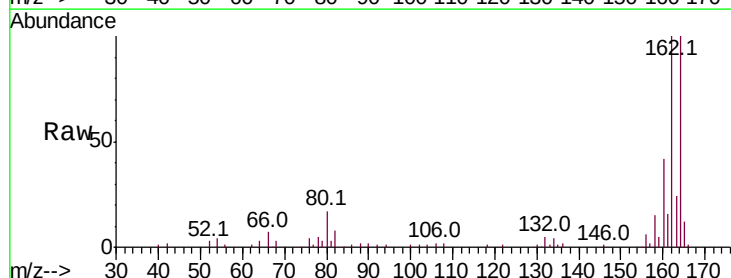
Instrument :
 BNA_F
 ClientSampleId :
 GP-2 (1-3)

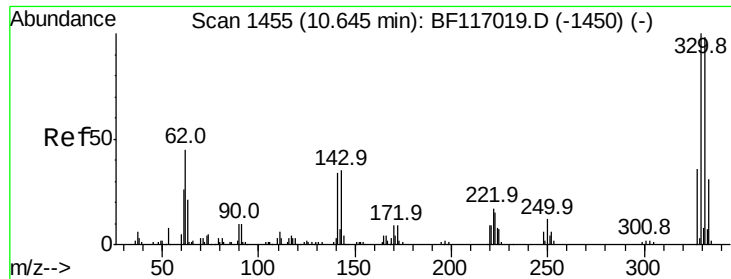
Tot Ion	82	Resp	32053
Ion Ratio	Lower	Upper	
82	100		
128	43.8	32.3	48.5
54	39.1	33.3	49.9



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.01 min
 Lab File: BF117289.D
 Acq: 1 Oct 2019 20:56

Tgt Ion	164	Resp	78028
Ion Ratio	Lower	Upper	
164	100		
162	100.4	83.4	125.2
160	41.9	36.4	54.6

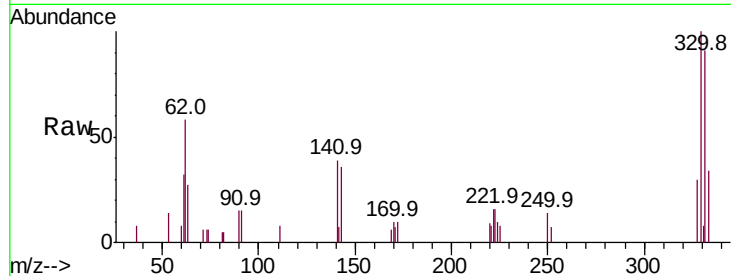




#42
 2,4,6-Tribromophenol
 Concen: 11.048 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.01 min
 Lab File: BF117289.D
 Acq: 1 Oct 2019 20:56

Instrument :
 BNA_F
 ClientSampleId :
 GP-2 (1-3)

Tot Ion	Ratio	Lower	Upper
330	100		
332	99.6	78.0	117.0
141	46.9	35.8	53.6

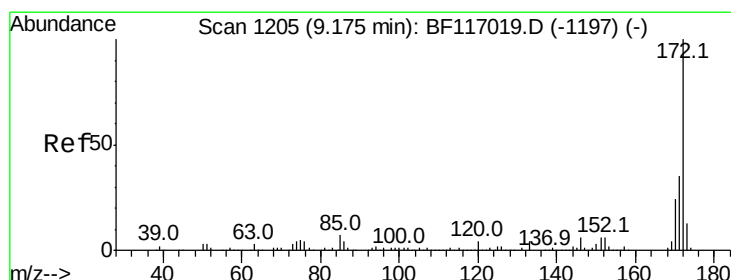
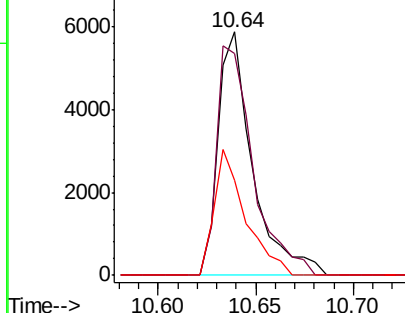
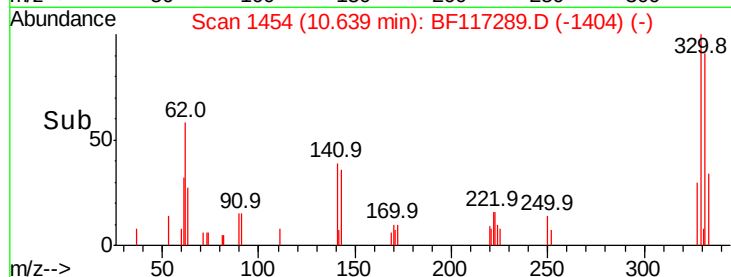


Abundance

Ion 329.80 (329.50 to 330.50): E

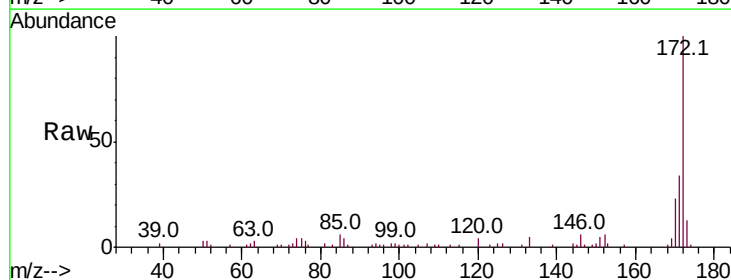
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 11.932 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF117289.D
 Acq: 1 Oct 2019 20:56

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.4	28.2	42.2
170	23.3	18.9	28.3

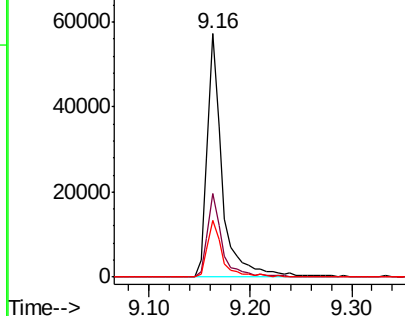
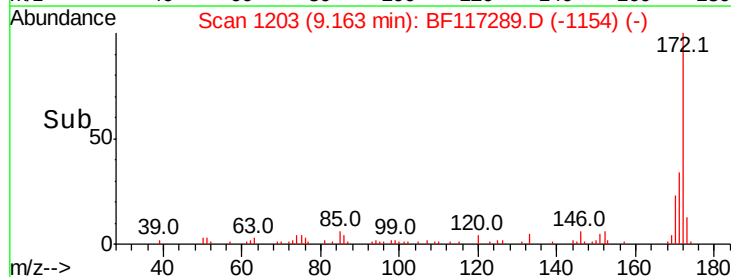


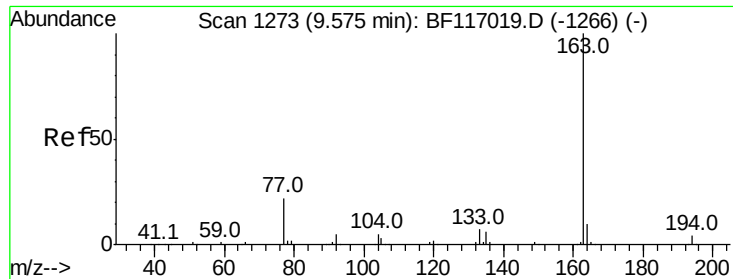
Abundance

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

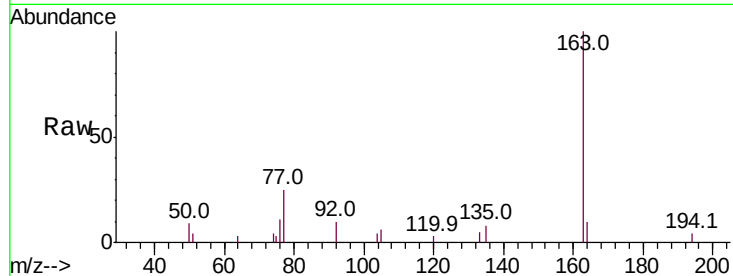




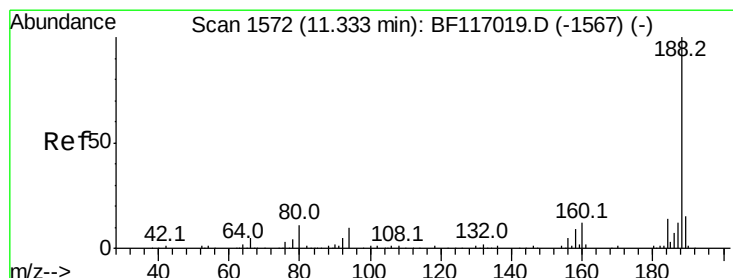
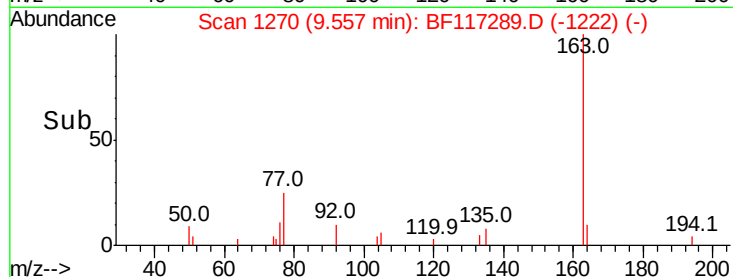
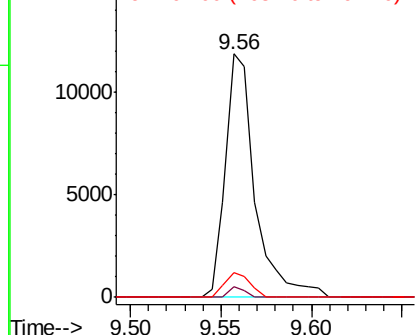
#50
Dimethylphthalate
Concen: 2.452 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.02 min
Lab File: BF117289.D
Acq: 1 Oct 2019 20:56

Instrument :
BNA_F
ClientSampleId :
GP-2 (1-3)

Tot Ion:163 Resp: 13547
Ion Ratio Lower Upper
163 100
194 4.3 2.9 4.3
164 10.3 8.2 12.4

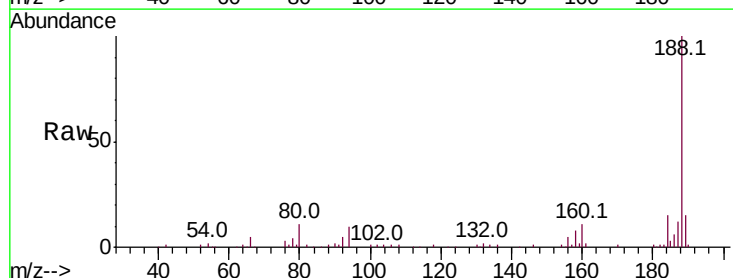


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

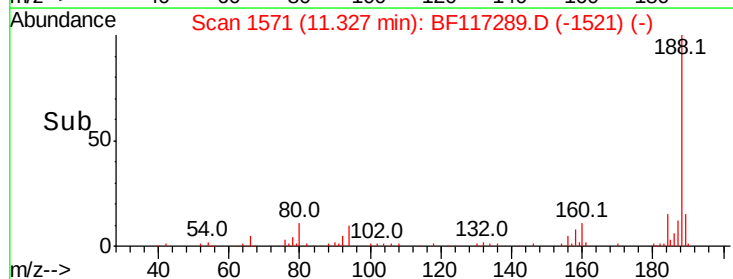
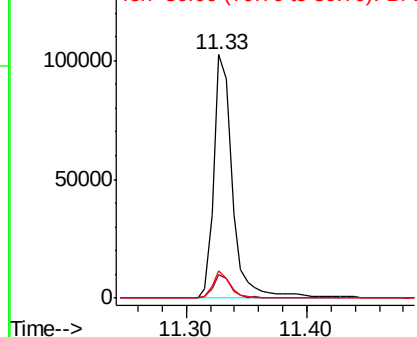


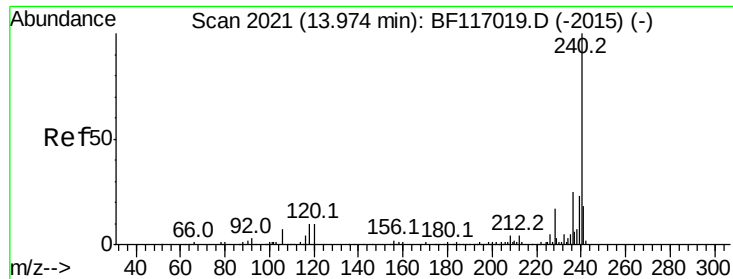
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BF117289.D
Acq: 1 Oct 2019 20:56

Tgt Ion:188 Resp: 108957
Ion Ratio Lower Upper
188 100
94 9.7 8.2 12.2
80 11.4 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

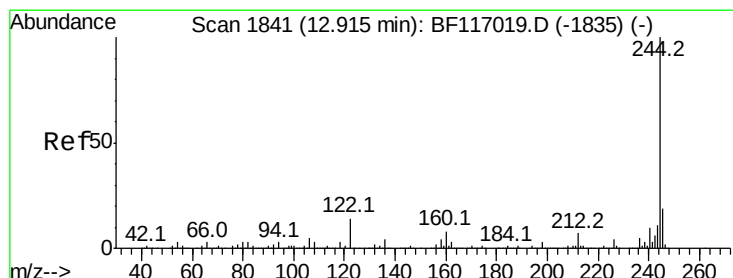
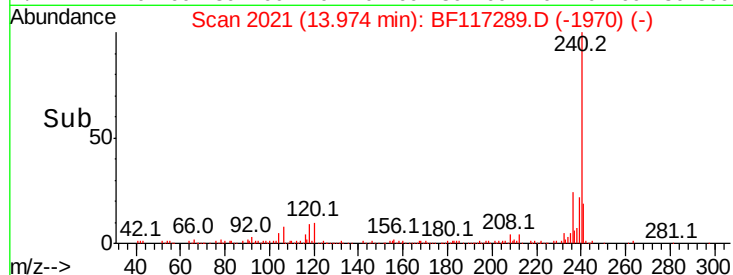
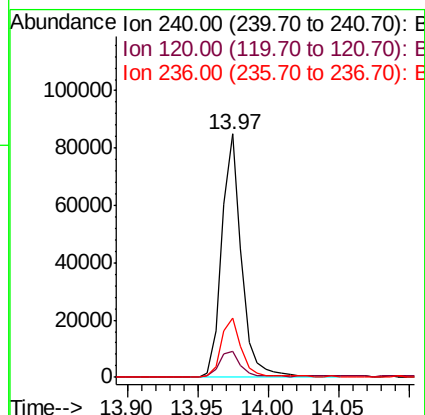
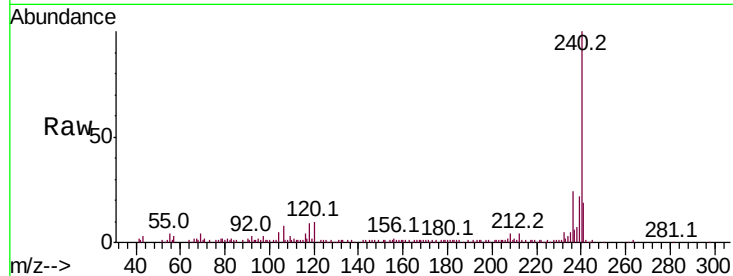




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. 0.00 min
Lab File: BF117289.D
Acq: 1 Oct 2019 20:56

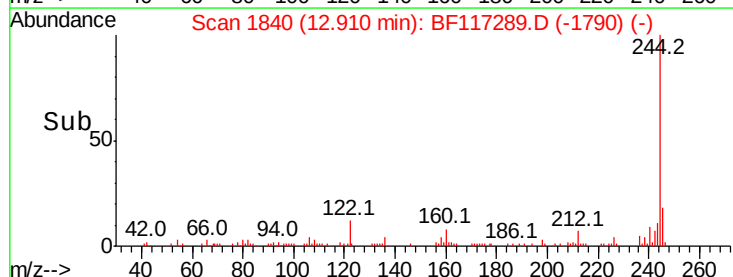
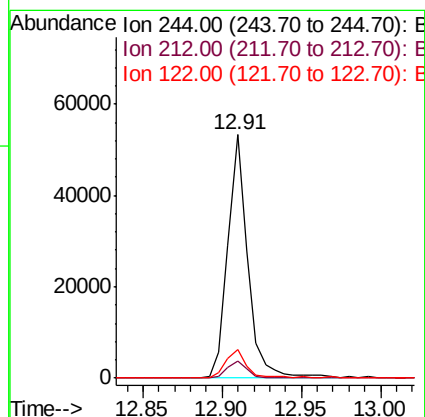
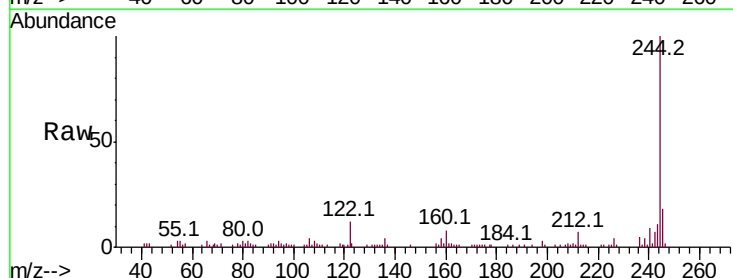
Instrument :
BNA_F
ClientSampled :
GP-2 (1-3)

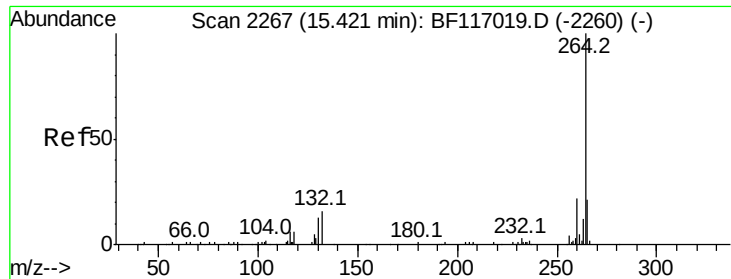
Tot Ion:240 Resp: 83352
Ion Ratio Lower Upper
240 100
120 10.5 8.3 12.5
236 24.3 20.3 30.5



#79
Terphenyl-d14
Concen: 10.431 ng
RT: 12.91 min Scan# 1840
Delta R.T. -0.01 min
Lab File: BF117289.D
Acq: 1 Oct 2019 20:56

Tgt Ion:244 Resp: 46513
Ion Ratio Lower Upper
244 100
212 6.9 5.8 8.8
122 11.9 11.3 16.9

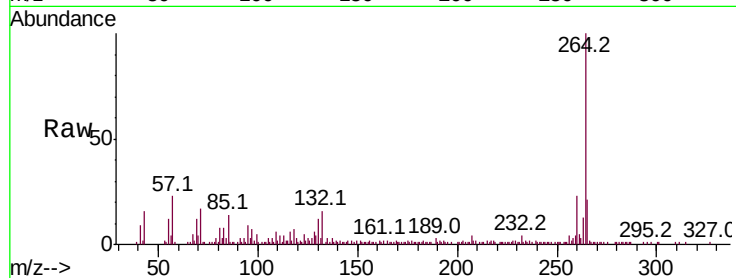




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.43 min Scan# 2269
 Delta R.T. 0.01 min
 Lab File: BF117289.D
 Acq: 1 Oct 2019 20:56

Instrument :
 BNA_F
 ClientSampleId :
 GP-2 (1-3)

Tot Ion: 264 Resp: 68308
 Ion Ratio Lower Upper
 264 100
 260 22.7 17.6 26.4
 265 20.5 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

