

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 :

Quant Time: Oct 02 05:59:29 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

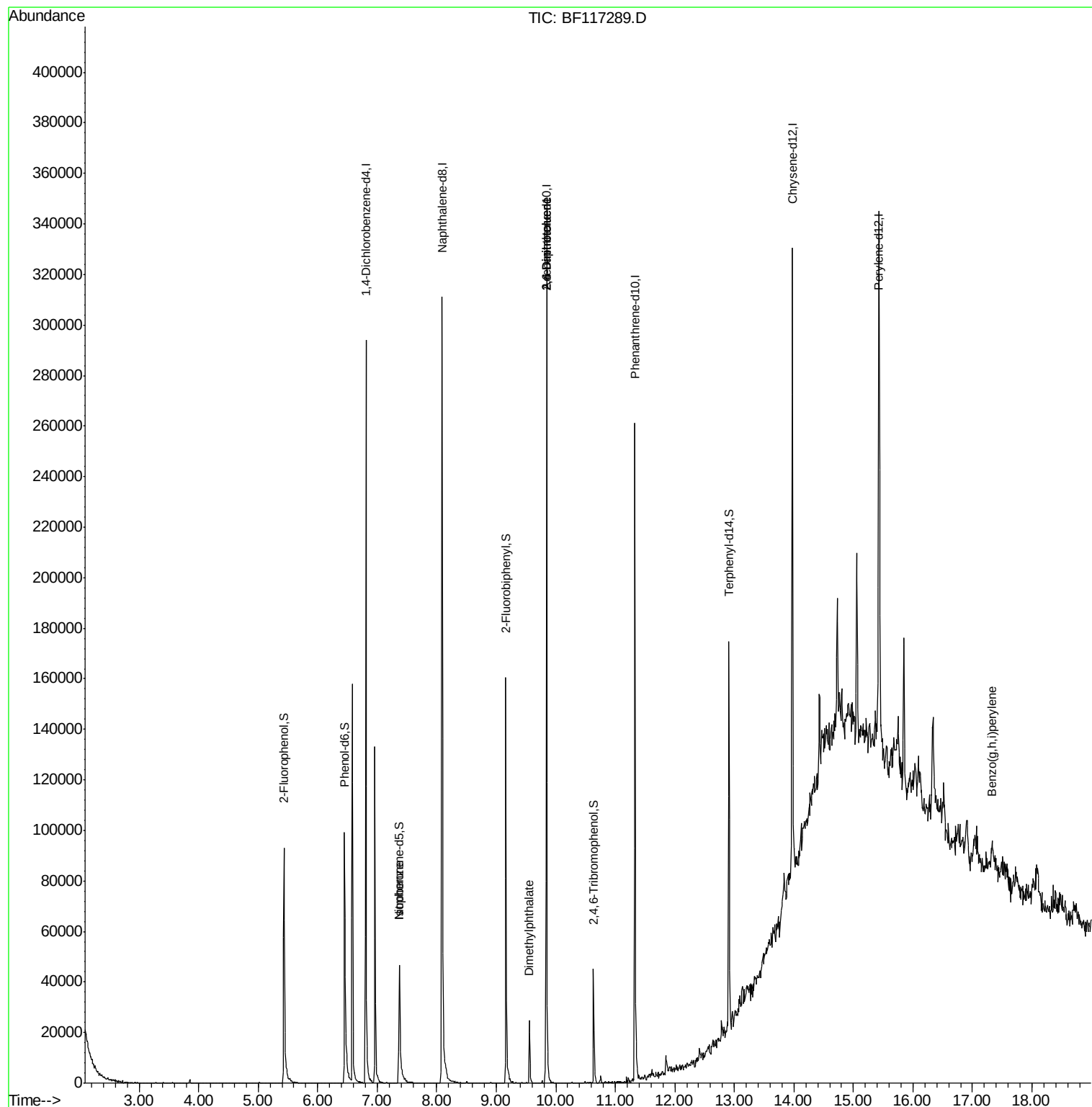
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	50500	20.00	ng	-0.01
21) Naphthalene-d8	8.09	136	191811	20.00	ng	-0.01
39) Acenaphthene-d10	9.85	164	78028	20.00	ng	-0.01
64) Phenanthrene-d10	11.33	188	108957	20.00	ng	0.00
76) Chrysene-d12	13.97	240	83352	20.00	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						
9) Benzaldehyde	6.58	77	764	Below Cal		90
25) Isophorone	7.37	82	32053	4.959 ng	#	66
50) Dimethylphthalate	9.56	163	13547	2.452 ng		99
51) 2,6-Dinitrotoluene	9.85	165	9398	8.352 ng	#	24
57) 2,4-Dinitrotoluene	9.85	165	9398	6.434 ng	#	18
92) Benzo(g,h,i)perylene	17.33	276	7830	2.717 ng	#	76

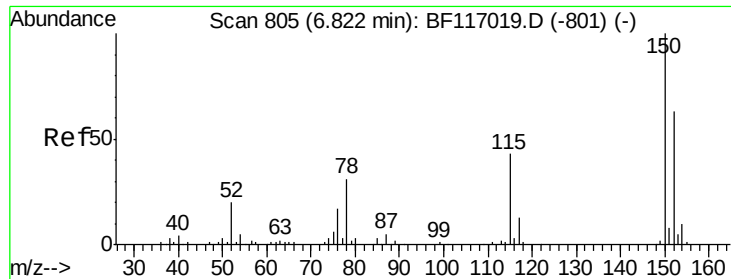
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100119\
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QLast Update : Fri Sep 13 16:23:17 2019
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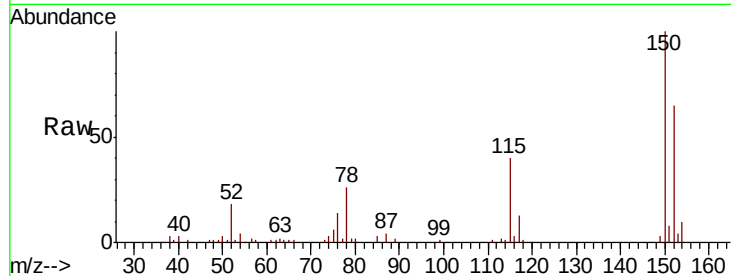


#1

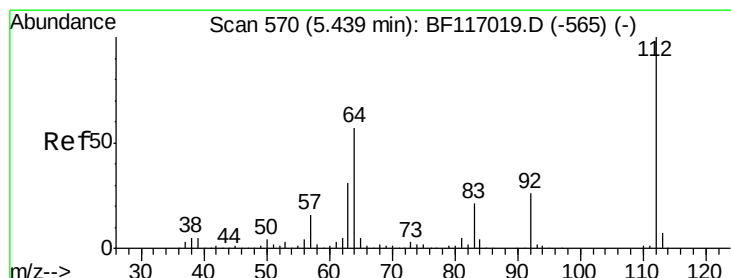
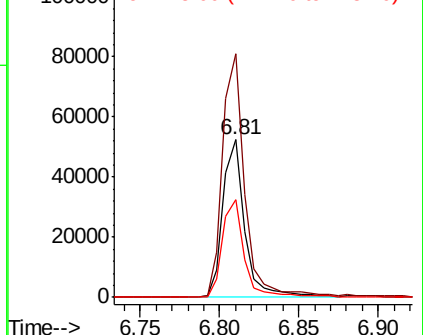
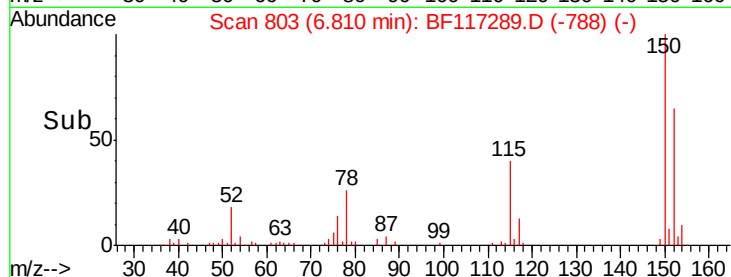
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF117289.D
Acq: 1 Oct 2019 20:56

Instrument :
BNA_F
ClientSampleId :

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



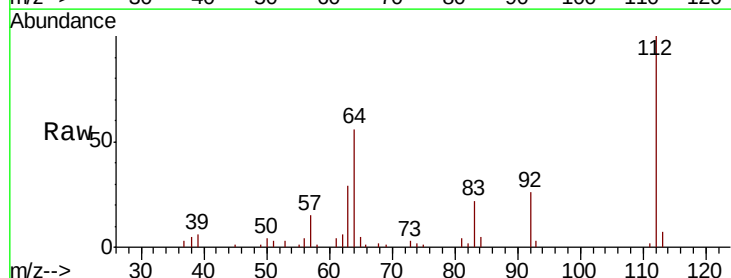
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



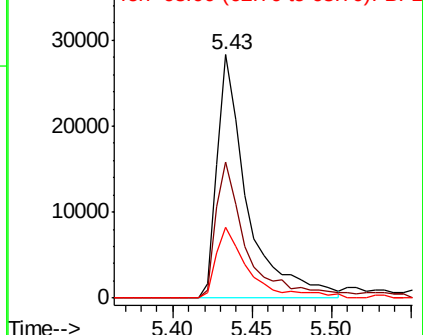
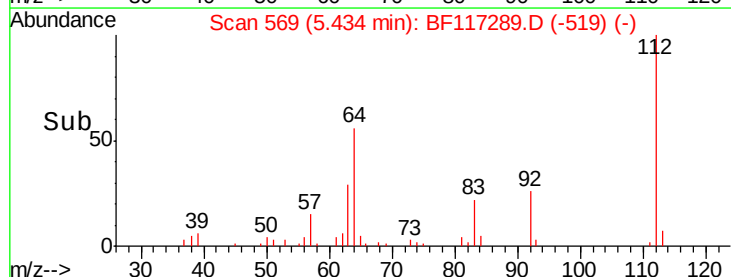
#5

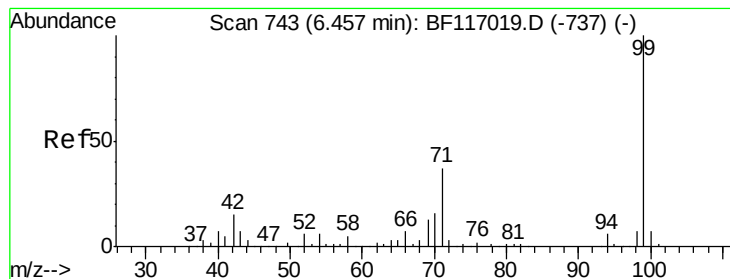
2-Fluorophenol
Concen: 11.612 ng
RT: 5.43 min Scan# 569
Delta R.T. -0.01 min
Lab File: BF117289.D
Acq: 1 Oct 2019 20:56

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

ClientSampled :

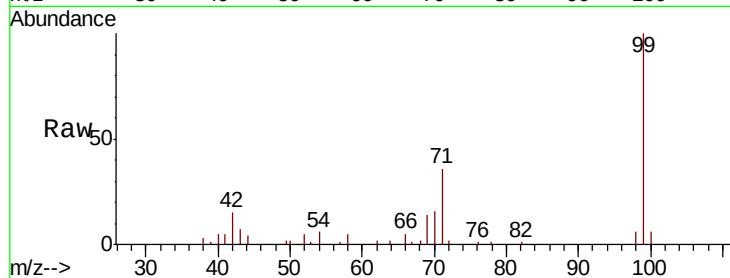
Tot Ion: 99 Resp: 57934

Ion Ratio Lower Upper

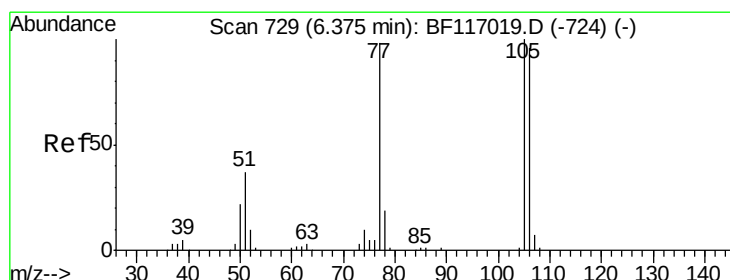
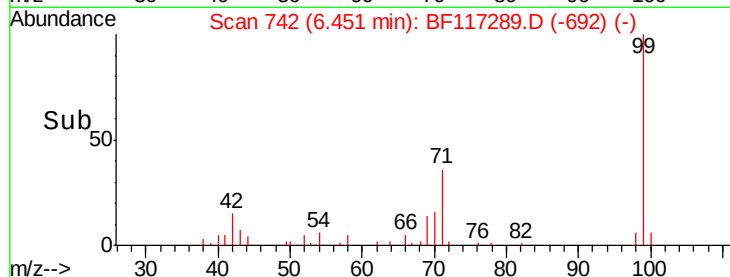
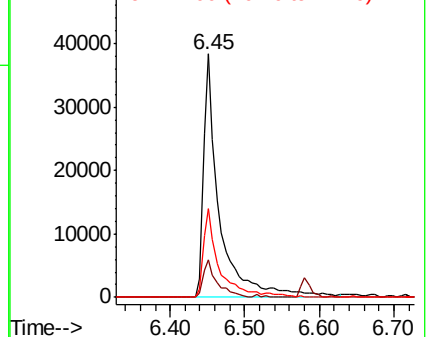
99 100

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



#9

Benzaldehyde

Concen: Below Cal

RT: 6.58 min Scan# 764

Delta R.T. 0.21 min

Lab File: BF117289.D

Acq: 1 Oct 2019 20:56

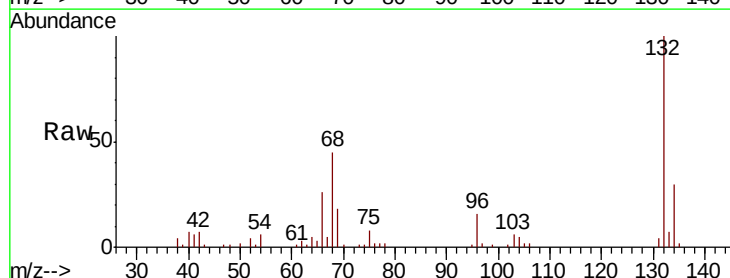
Tgt Ion: 77 Resp: 764

Ion Ratio Lower Upper

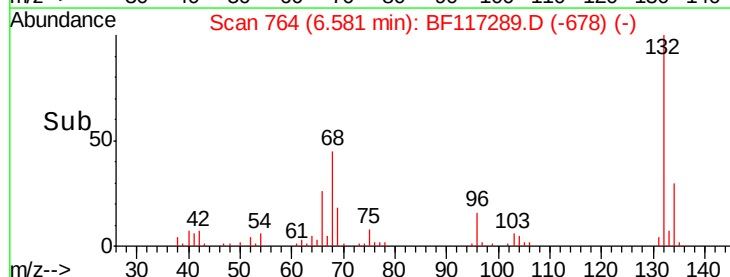
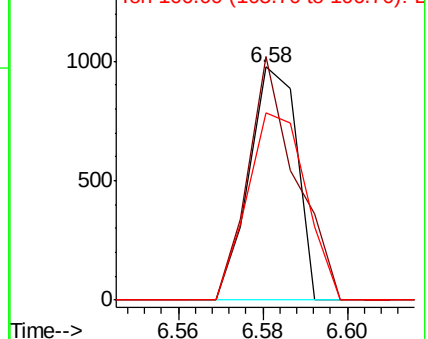
77 100

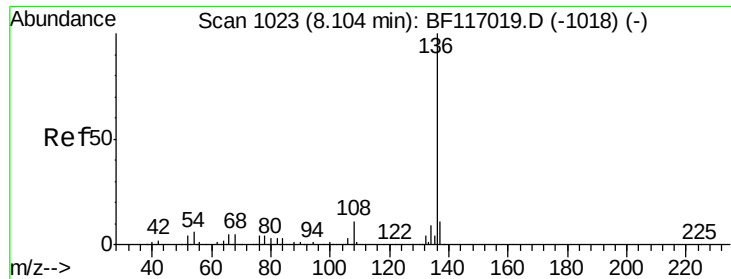
105 104.5 81.8 121.8

106 80.2 77.3 117.3



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E

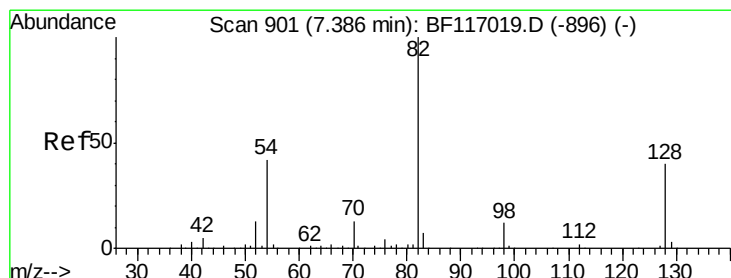
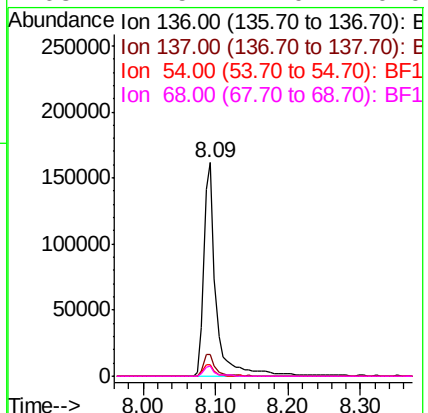
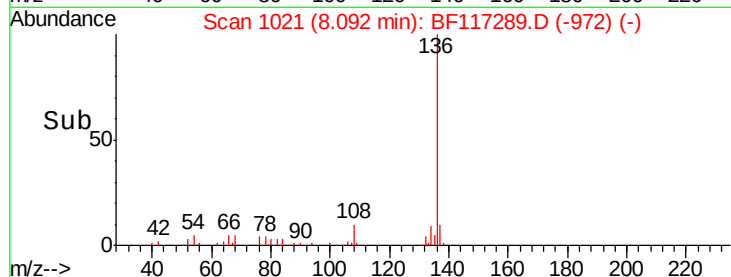
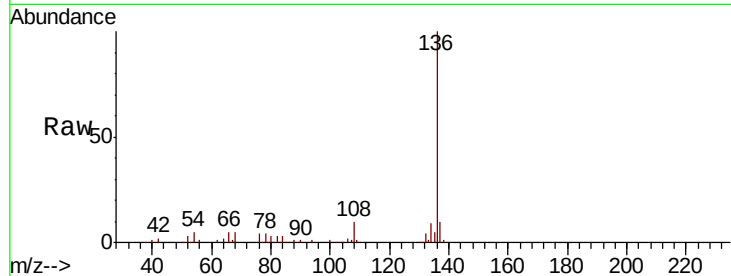




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF117289.D
Acq: 1 Oct 2019 20:56

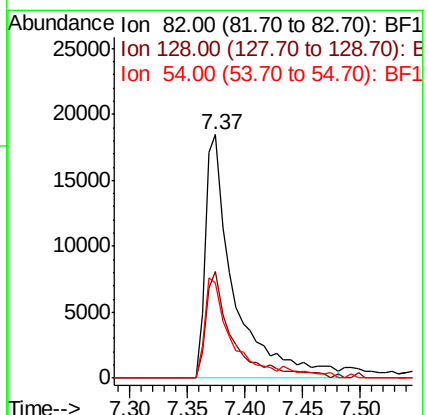
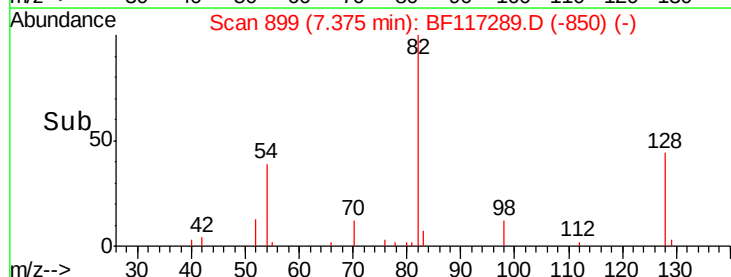
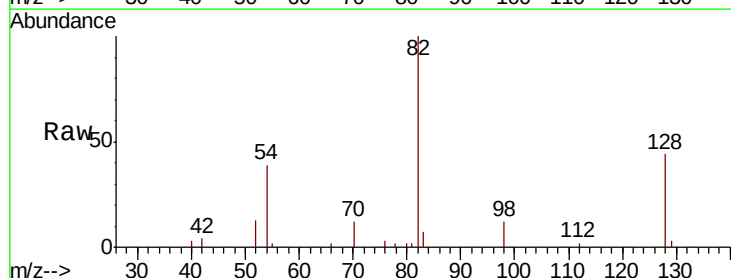
Instrument :
BNA_F
ClientSampleId :

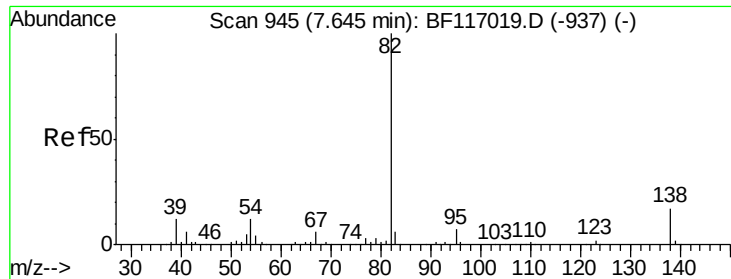
Tot Ion:136	Resp:	191811
Ion	Ratio	Lower Upper
136	100	
137	10.4	9.0 13.4
54	5.3	4.5 6.7
68	4.5	4.0 6.0



#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

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





#25

Isophorone

Concen: 4.959 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.27 min

Lab File: BF117289.D

Acq: 1 Oct 2019 20:56

Instrument :

BNA_F

ClientSampleId :

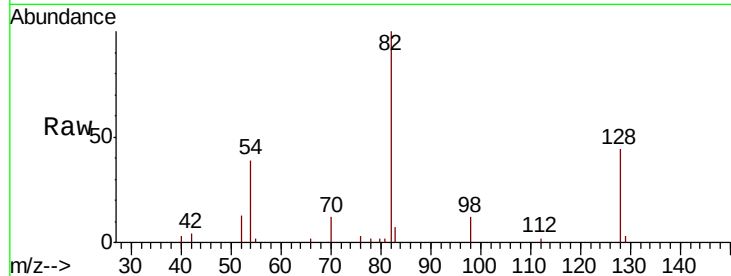
Tot Ion: 82 Resp: 32053

Ion Ratio Lower Upper

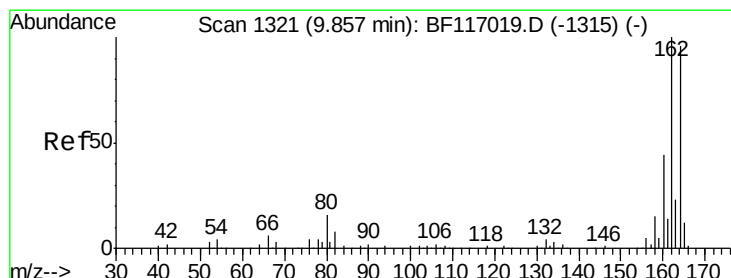
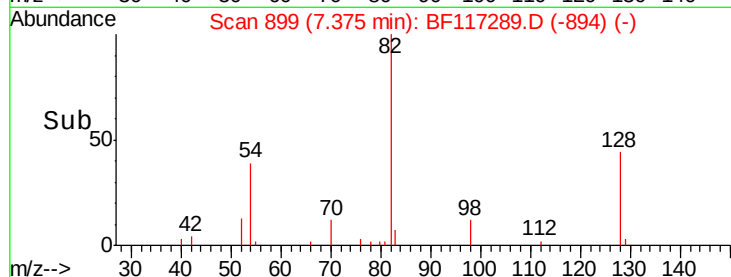
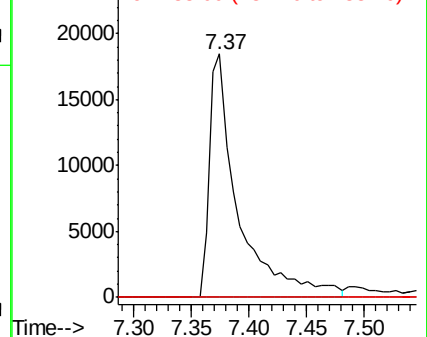
82 100

95 0.0 5.8 8.6#

138 0.0 13.5 20.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): E



#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

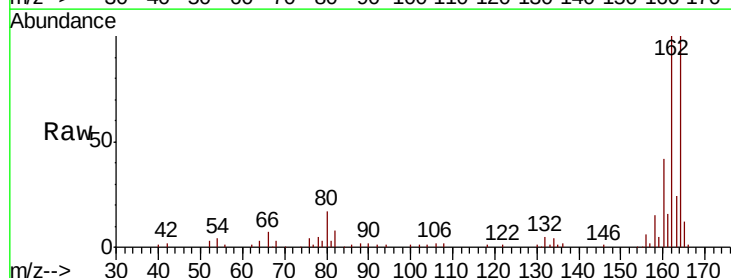
Tgt Ion:164 Resp: 78028

Ion Ratio Lower Upper

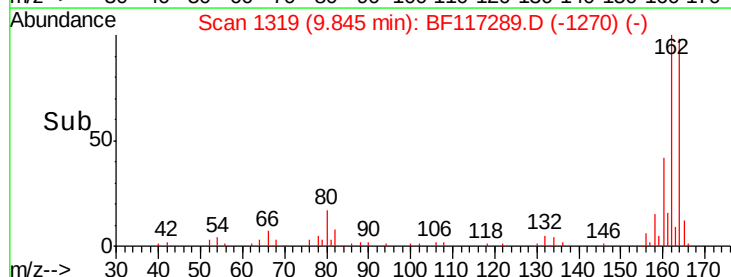
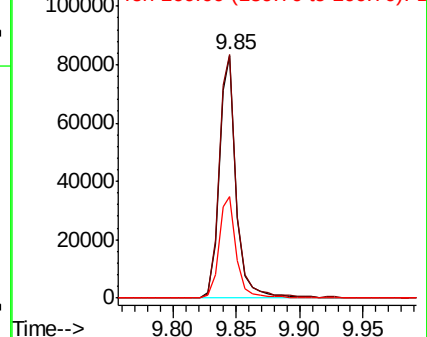
164 100

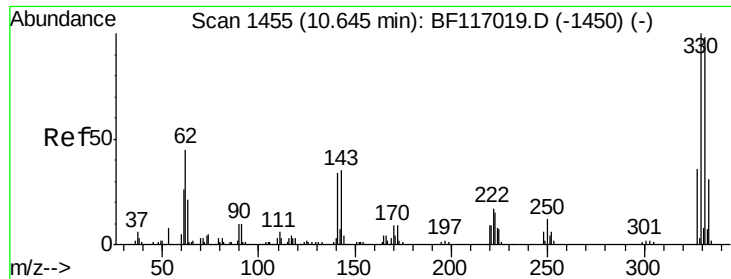
162 100.4 83.4 125.2

160 41.9 36.4 54.6



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: 11.048 ng

RT: 10.64 min Scan# 1454

Delta R.T. -0.01 min

Lab File: BF117289.D

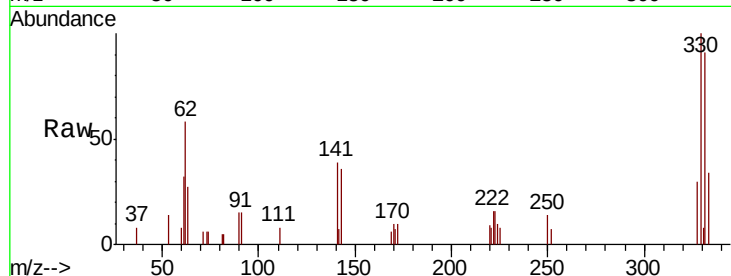
Acq: 1 Oct 2019 20:56

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	330	Resp:	7205
Ion	Ratio	Lower	Upper
330	100		
332	99.6	78.0	117.0
141	46.9	35.8	53.6

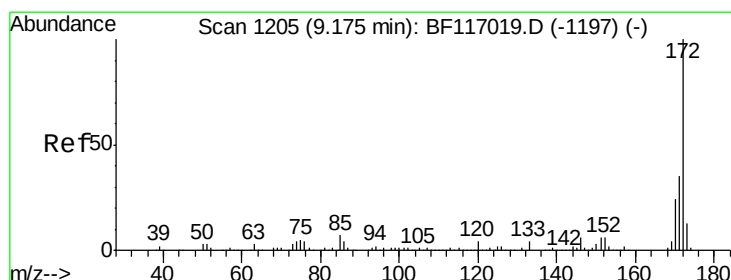
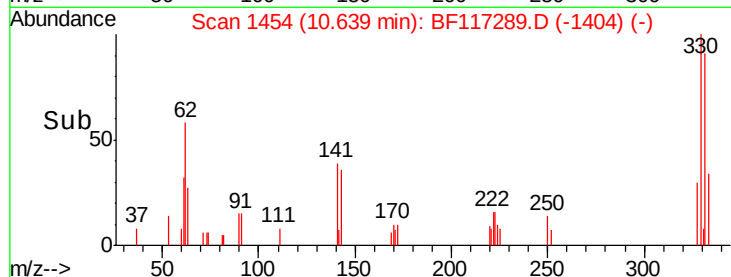
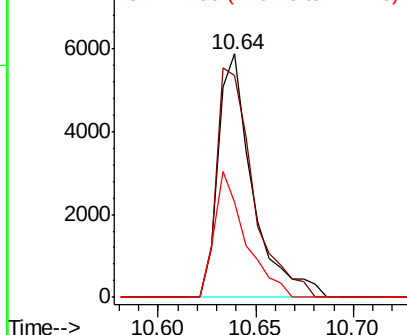


Abundance

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

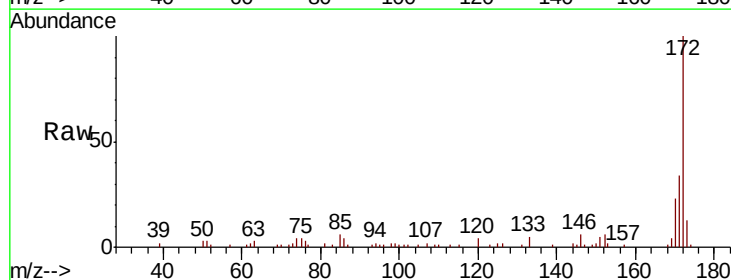
RT: 9.16 min Scan# 1203

Delta R.T. -0.01 min

Lab File: BF117289.D

Acq: 1 Oct 2019 20:56

Tgt Ion:	172	Resp:	59543
Ion	Ratio	Lower	Upper
172	100		
171	34.4	28.2	42.2
170	23.3	18.9	28.3

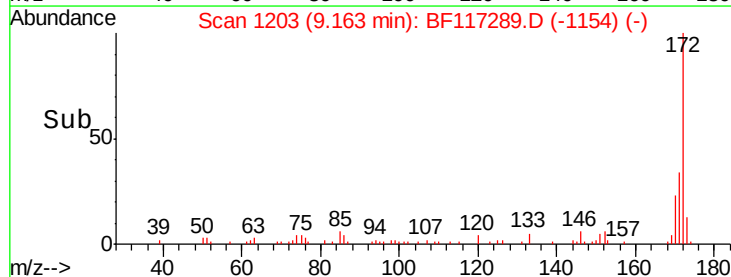
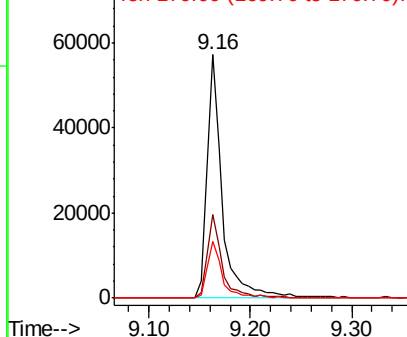


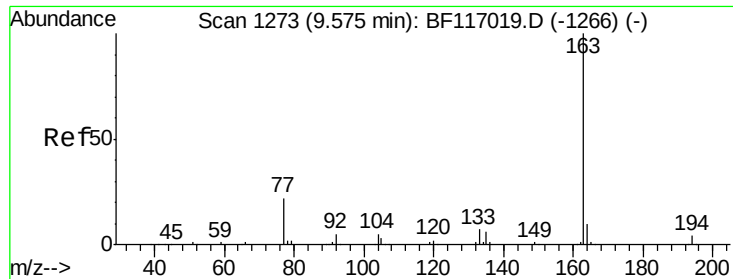
Abundance

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

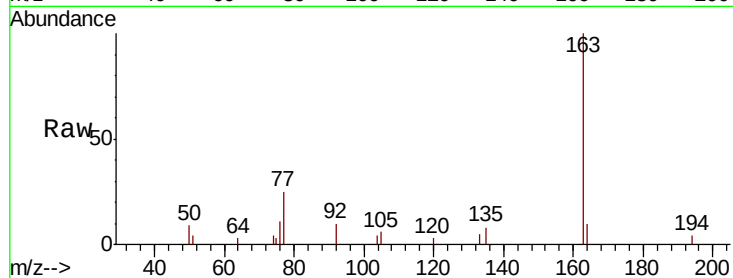




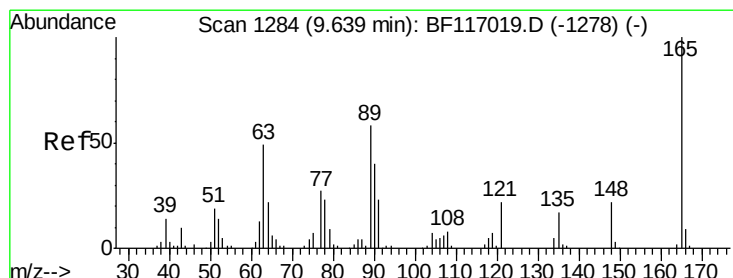
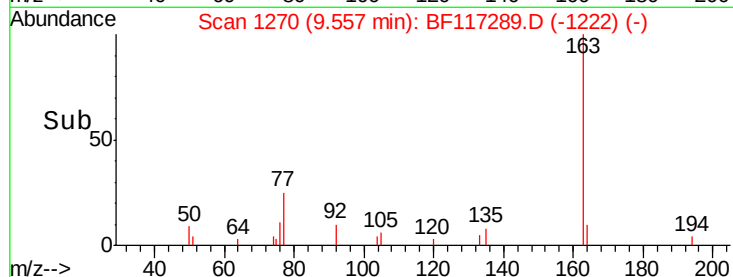
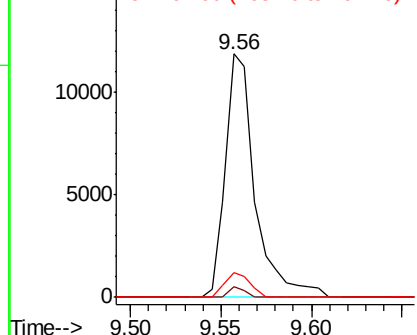
#50
Dimethylphthalate
Concen: 2.452 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.02 min
Lab File: BF117289.D
Acq: 1 Oct 2019 20:56

Instrument :
BNA_F
ClientSampleId :

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

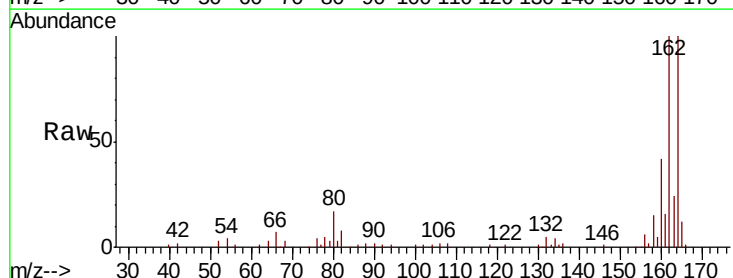


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

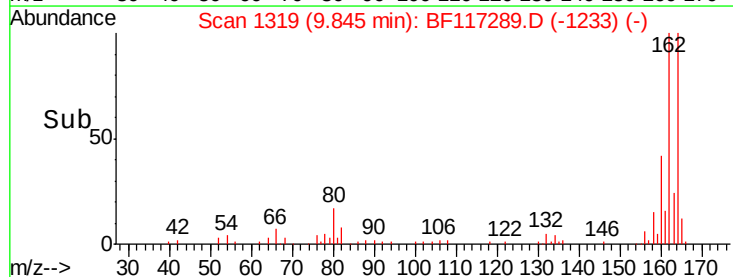
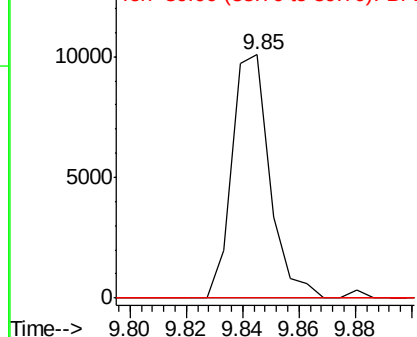


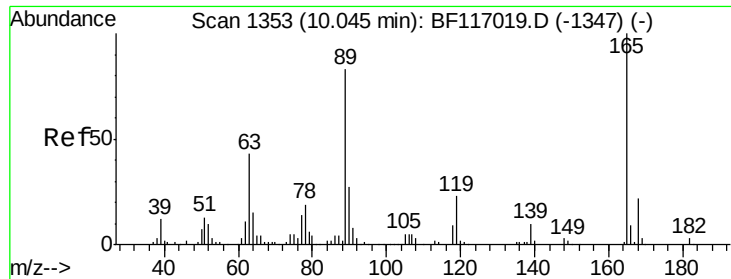
#51
2,6-Dinitrotoluene
Concen: 8.352 ng
RT: 9.85 min Scan# 1319
Delta R.T. 0.21 min
Lab File: BF117289.D
Acq: 1 Oct 2019 20:56

Tgt Ion:165 Resp: 9398
Ion Ratio Lower Upper
165 100
63 0.0 41.8 62.8#
89 0.0 46.5 69.7#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

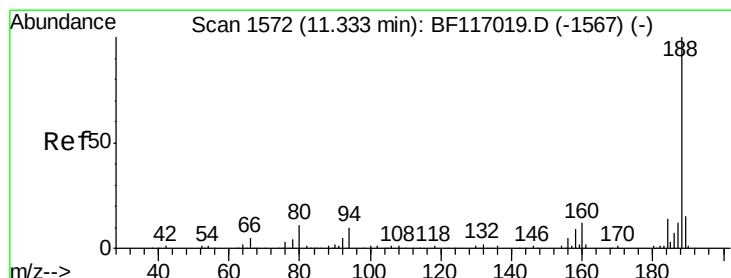
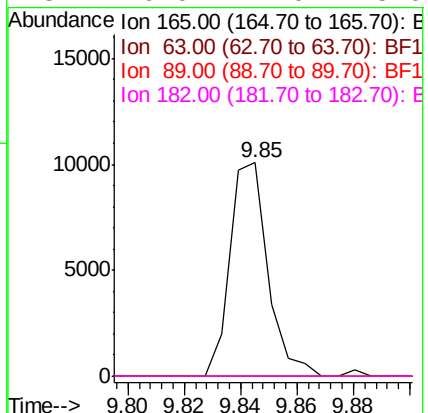
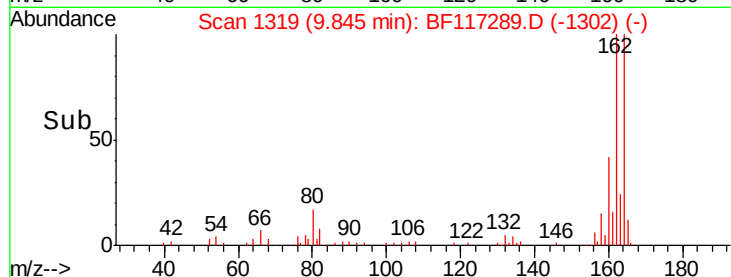
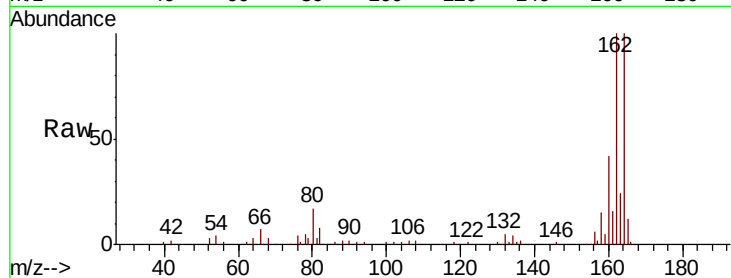




#57
 2,4-Dinitrotoluene
 Concen: 6.434 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.20 min
 Lab File: BF117289.D
 Acq: 1 Oct 2019 20:56

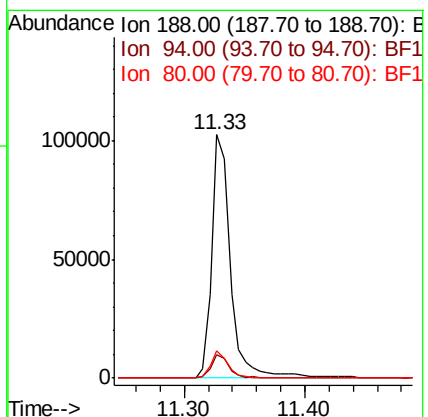
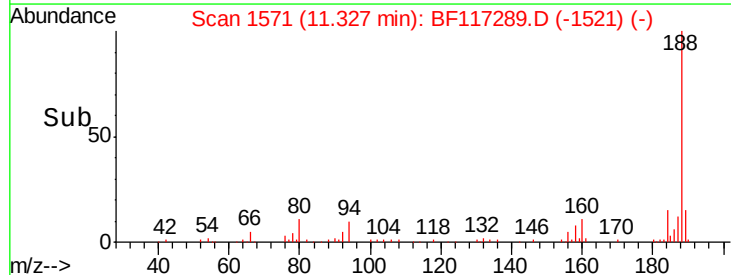
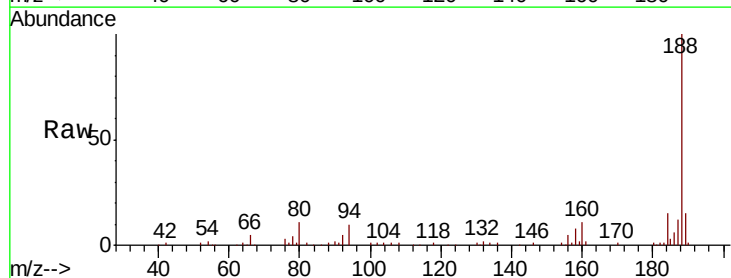
Instrument :
 BNA_F
 ClientSampleId :

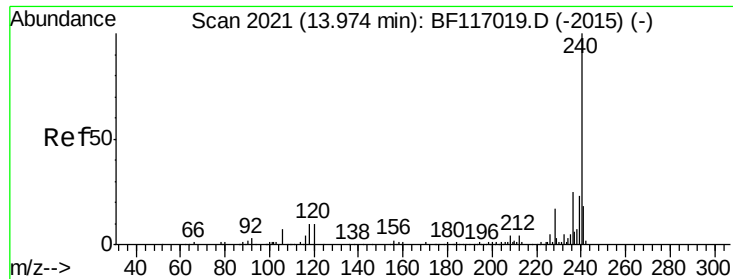
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	35.0	52.4#
89	0.0	66.1	99.1#
182	0.0	2.0	3.0#



#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	Ratio	Lower	Upper
188	100		
94	9.7	8.2	12.2
80	11.4	9.0	13.6

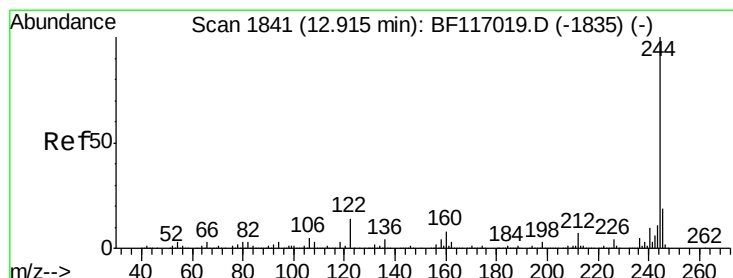
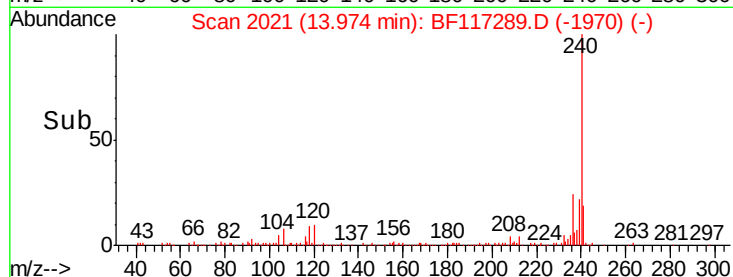
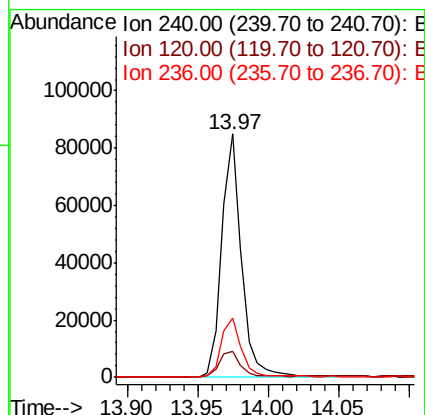
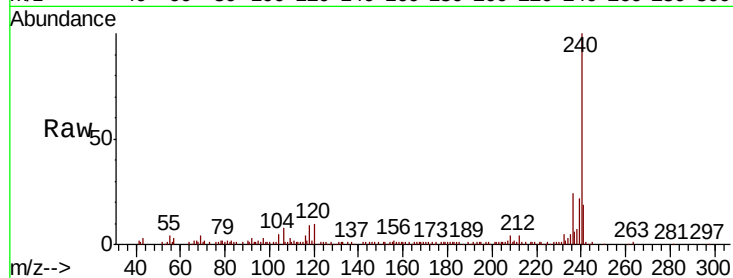




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. 0.00 min
Lab File: BF117289.D
Acq: 1 Oct 2019 20:56

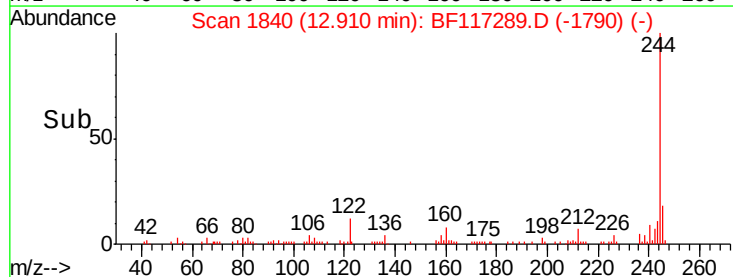
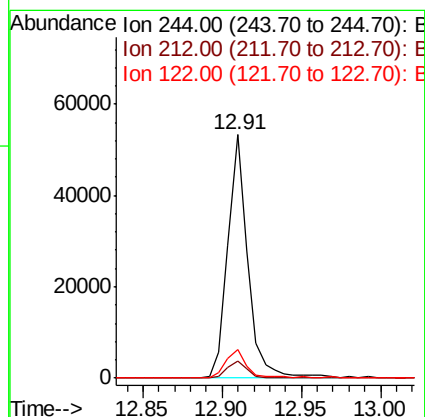
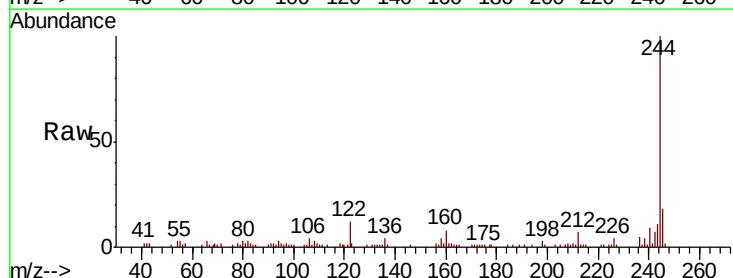
Instrument :
BNA_F
ClientSampleID :

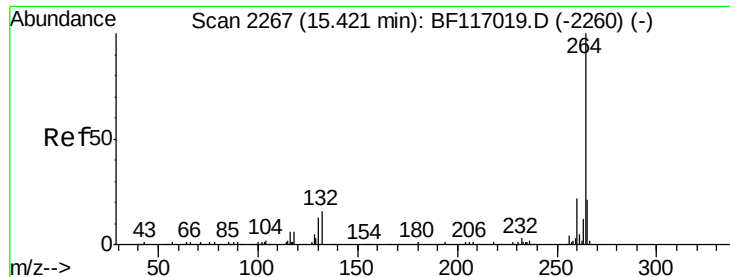
Tot Ion:240 Resp: 83352
Ion Ratio Lower Upper
240 100
120 10.5 8.3 12.5
236 24.3 20.3 30.5



#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



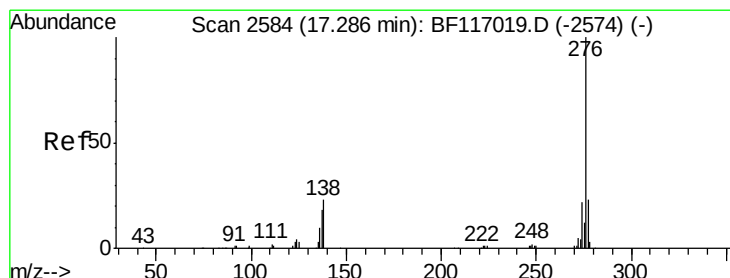
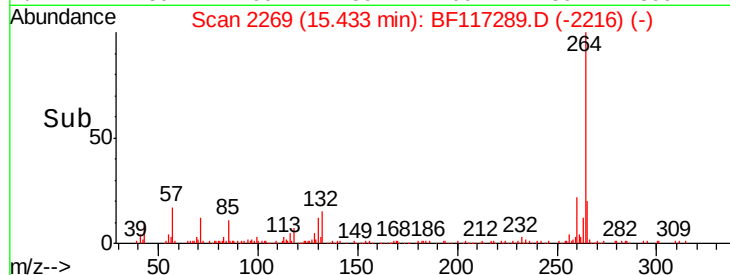
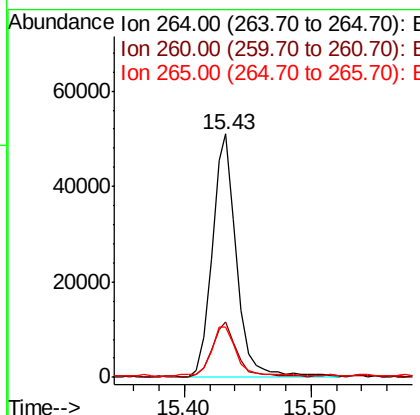
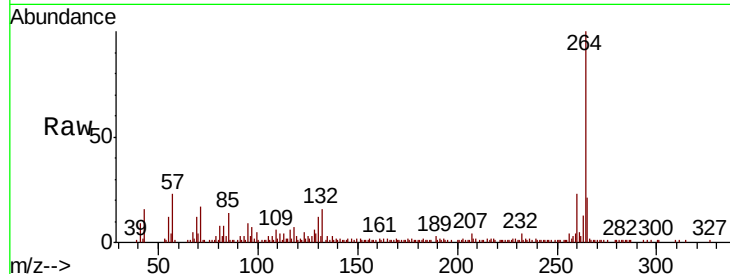


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2269
Delta R.T. 0.01 min
Lab File: BF117289.D
Acq: 1 Oct 2019 20:56

Instrument :
BNA_F
ClientSampleId :

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



#92
Benzo(g,h,i)perylene
Concen: 2.717 ng
RT: 17.33 min Scan# 2592
Delta R.T. 0.05 min
Lab File: BF117289.D
Acq: 1 Oct 2019 20:56

Tgt Ion:276 Resp: 7830

Ion	Ratio	Lower	Upper
276	100		
277	26.9	18.6	27.8
138	41.8	18.0	27.0#

