

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF100119\
 Data File : BF117278.D
 Acq On : 1 Oct 2019 15:53
 Operator : JU
 Sample : K5019-02DL2 100X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 01 16:46:37 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

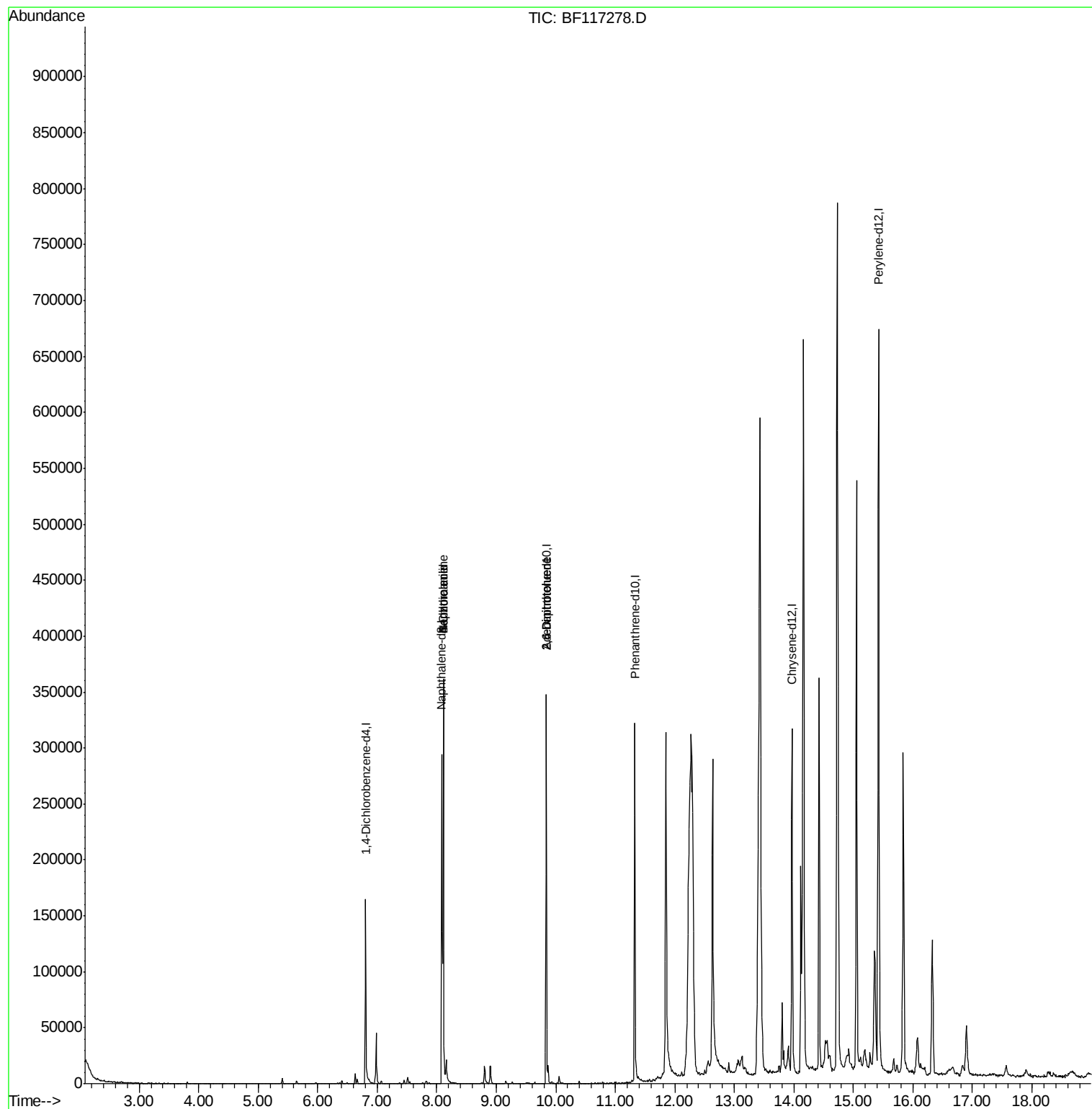
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	28183	20.00	ng	-0.02
21) Naphthalene-d8	8.09	136	127414	20.00	ng	-0.02
39) Acenaphthene-d10	9.84	164	70743	20.00	ng	-0.02
64) Phenanthrene-d10	11.33	188	124320	20.00	ng	0.00
76) Chrysene-d12	13.97	240	106022	20.00	ng	0.00
87) Perylene-d12	15.42	264	107278	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	6.49	99	119	0.05	ng	0.03
23) Nitrobenzene-d5	7.39	82	140	0.06	ng	0.00
42) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
45) 2-Fluorobiphenyl	9.16	172	1425	0.31	ng	-0.01
79) Terphenyl-d14	12.91	244	2857	0.50	ng	0.00
Target Compounds						
9) Benzaldehyde	6.63	77	420	Below Cal		Qvalue # 1
31) Naphthalene	8.11	128	183429	29.934	ng	98
32) Benzoic acid	8.10	122	319	6.817	ng	# 1
33) 4-Chloroaniline	8.11	127	22068	8.120	ng	# 31
51) 2,6-Dinitrotoluene	9.84	165	9492	9.304	ng	# 24
57) 2,4-Dinitrotoluene	9.84	165	9492	7.168	ng	# 18

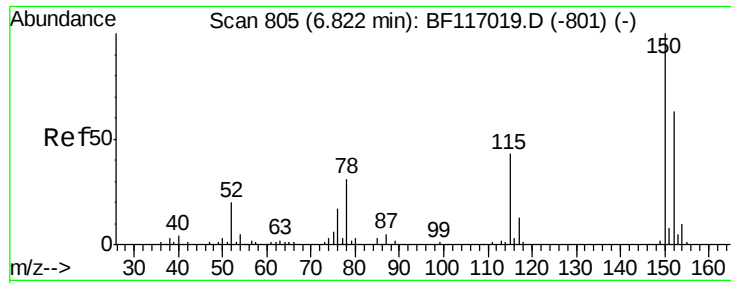
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Oct 01 16:46:37 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

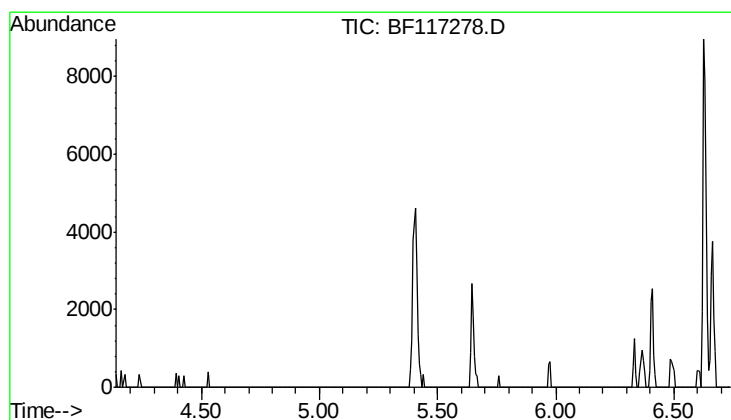
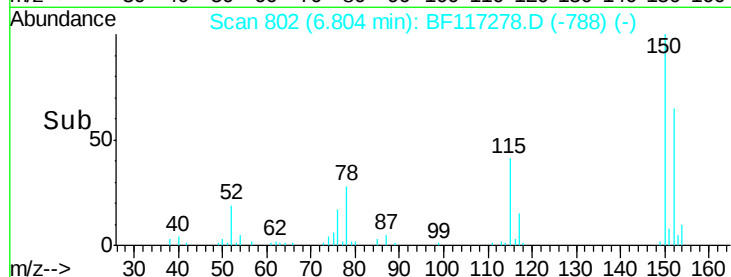
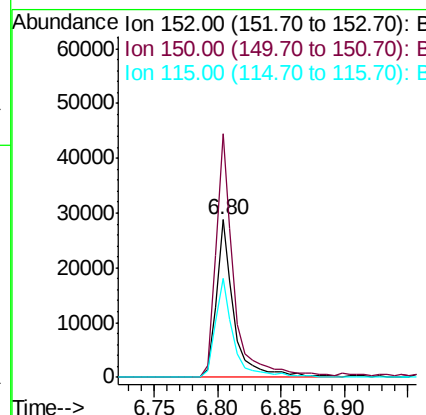
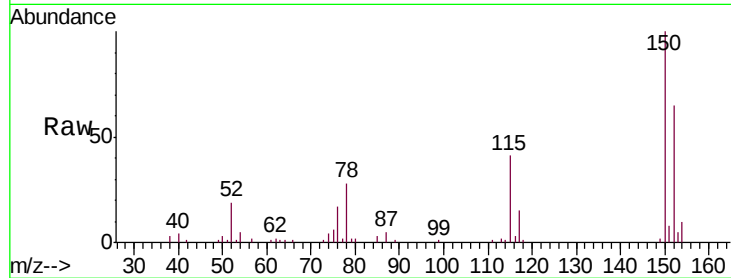




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.80 min Scan# 802
 Delta R.T. -0.02 min
 Lab File: BF117278.D
 Acq: 1 Oct 2019 15:53

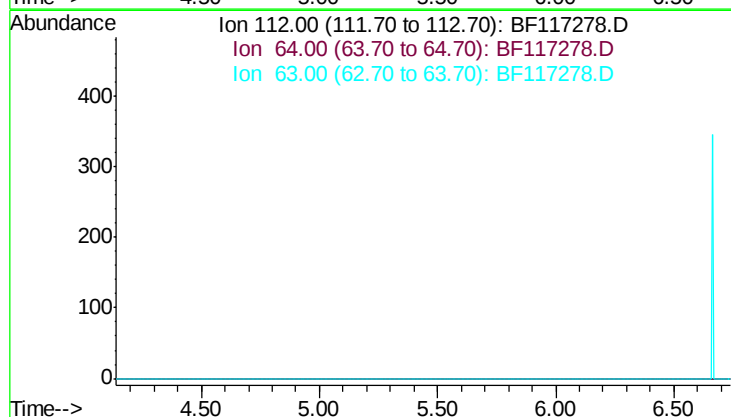
Instrument :
 BNA_F
 ClientSampleId :

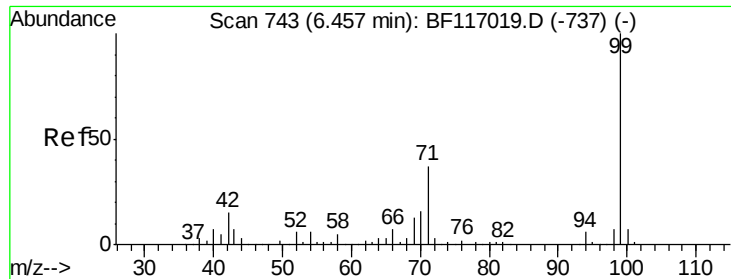
Tgt Ion:152 Resp: 28183
 Ion Ratio Lower Upper
 152 100
 150 154.3 127.5 191.3
 115 62.9 55.0 82.4



#5
 2-Fluorophenol
 Concen: 0.000 ng
 Expected RT: 5.44 min
 Lab File: BF117278.D
 Acq: 1 Oct 2019 15:53

Tgt Ion: 112
 Sig Exp Ratio
 112 100
 64 57.1
 63 31.1





#7

Phenol-d6

Concen: 0.051 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.03 min

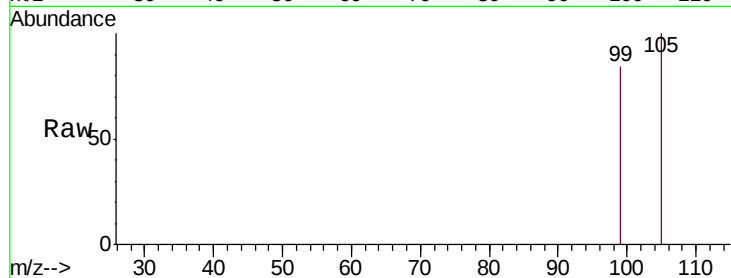
Lab File: BF117278.D

Acq: 1 Oct 2019 15:53

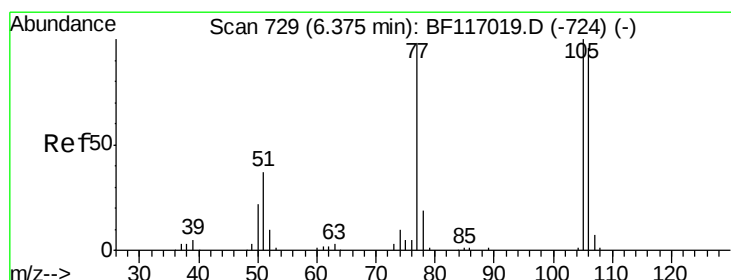
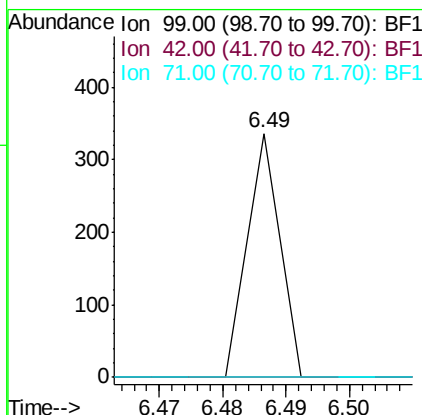
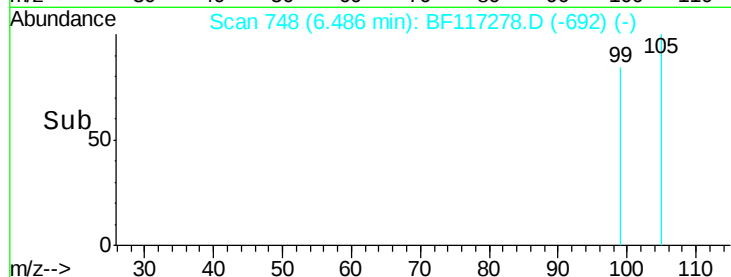
Instrument :

BNA_F

ClientSampleId :



Tgt Ion:	99	Resp:	119
Ion	Ratio	Lower	Upper
99	100		
42	0.0	12.2	18.2#
71	0.0	29.8	44.8#



#9

Benzaldehyde

Concen: Below Cal

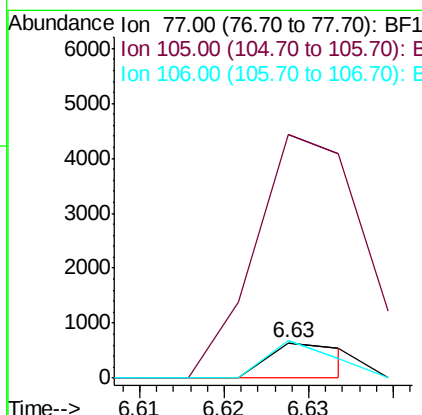
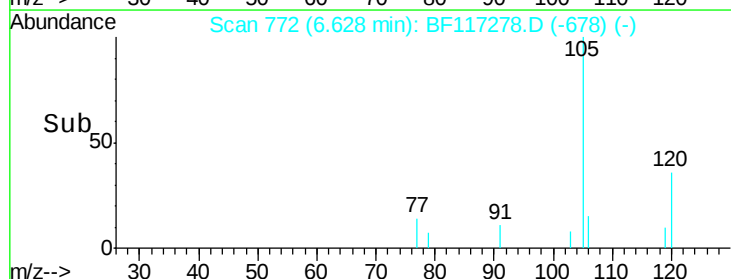
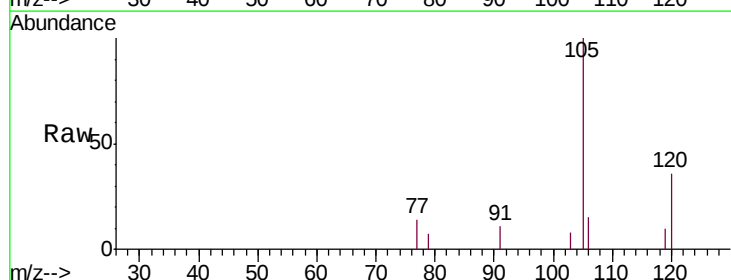
RT: 6.63 min Scan# 772

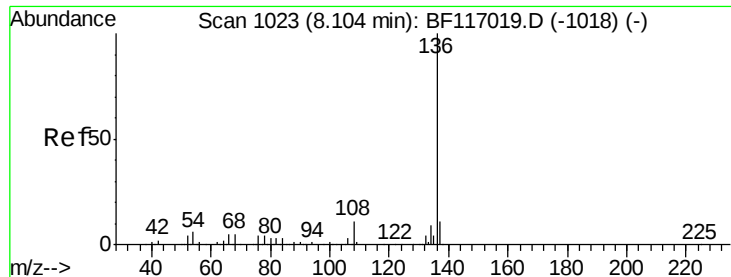
Delta R.T. 0.25 min

Lab File: BF117278.D

Acq: 1 Oct 2019 15:53

Tgt Ion:	77	Resp:	420
Ion	Ratio	Lower	Upper
77	100		
105	695.6	81.8	121.8#
106	107.5	77.3	117.3

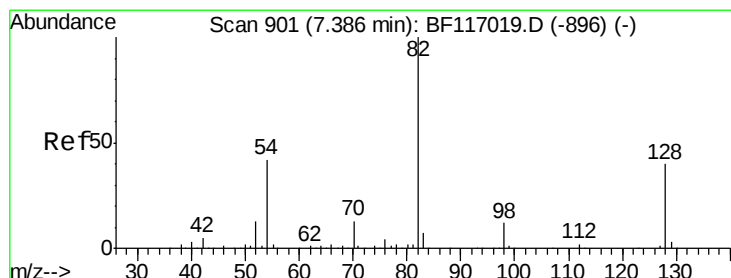
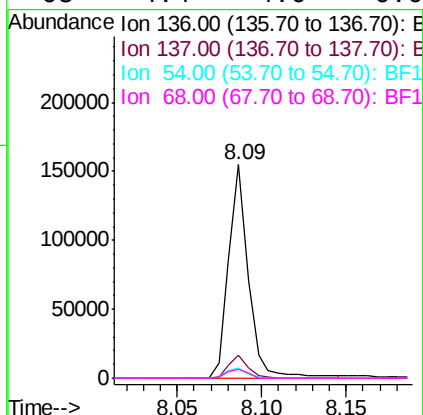
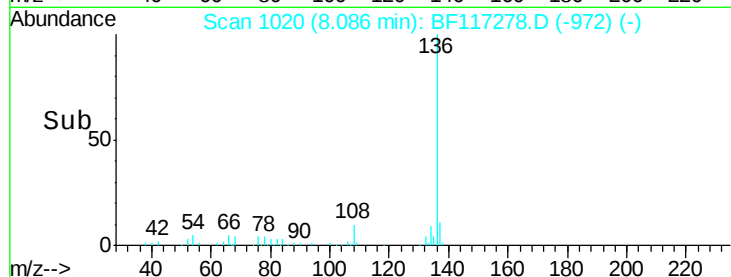
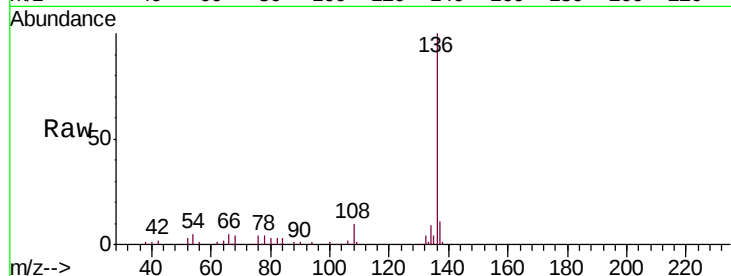




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.02 min
Lab File: BF117278.D
Acq: 1 Oct 2019 15:53

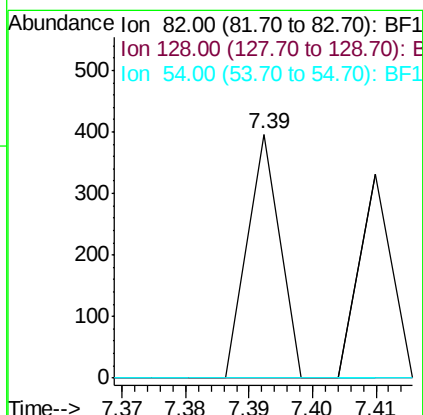
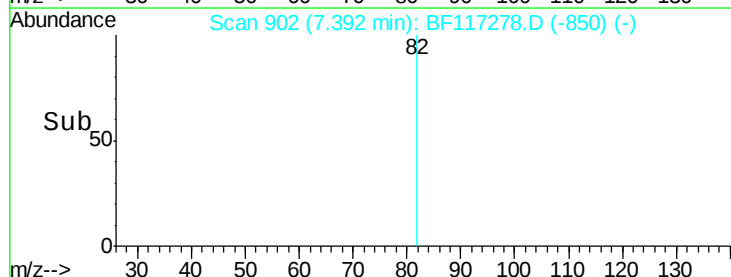
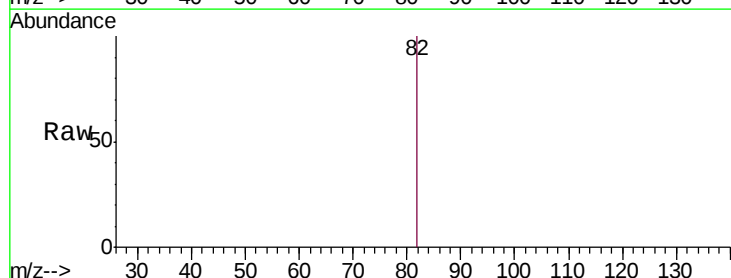
Instrument :
BNA_F
ClientSampleId :

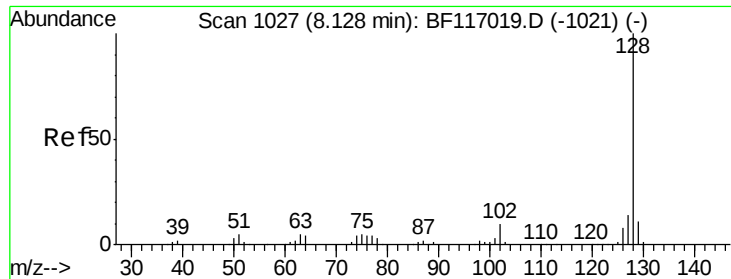
Tgt Ion:	136	Resp:	127414
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.4
54	4.8	4.5	6.7
68	4.4	4.0	6.0



#23
Nitrobenzene-d5
Concen: 0.058 ng
RT: 7.39 min Scan# 902
Delta R.T. 0.01 min
Lab File: BF117278.D
Acq: 1 Oct 2019 15:53

Tgt Ion:	82	Resp:	140
Ion	Ratio	Lower	Upper
82	100		
128	0.0	32.3	48.5#
54	0.0	33.3	49.9#

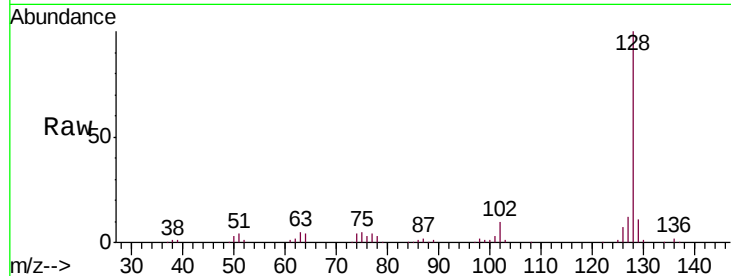




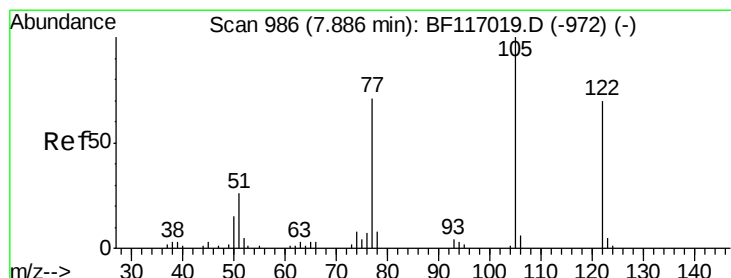
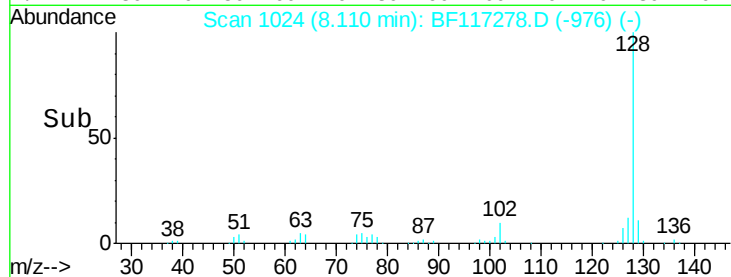
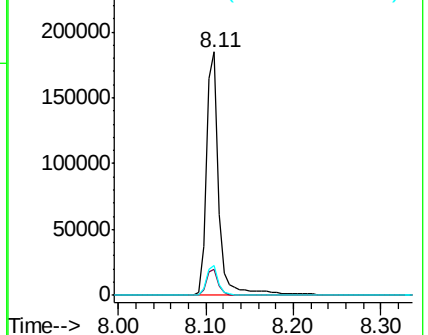
#31
Naphthalene
Concen: 29.934 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.02 min
Lab File: BF117278.D
Acq: 1 Oct 2019 15:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:128 Resp: 183429
Ion Ratio Lower Upper
128 100
129 10.7 9.0 13.4
127 12.3 10.8 16.2

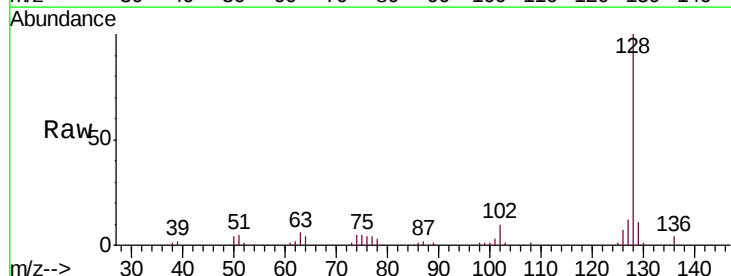


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

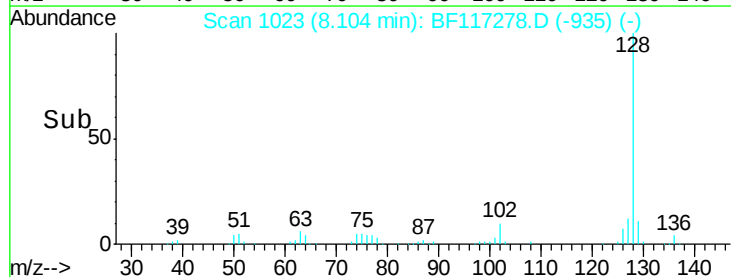
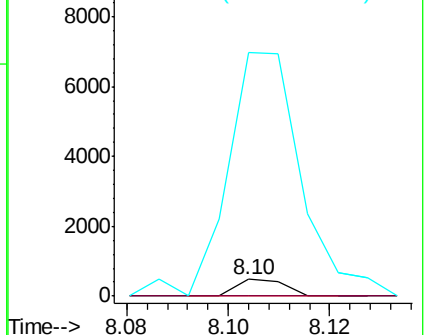


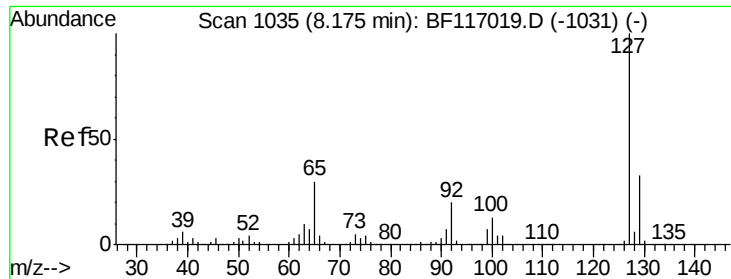
#32
Benzoic acid
Concen: 6.817 ng
RT: 8.10 min Scan# 1023
Delta R.T. 0.22 min
Lab File: BF117278.D
Acq: 1 Oct 2019 15:53

Tgt Ion:122 Resp: 319
Ion Ratio Lower Upper
122 100
105 0.0 114.8 154.8#
77 1437.7 78.7 118.7#



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

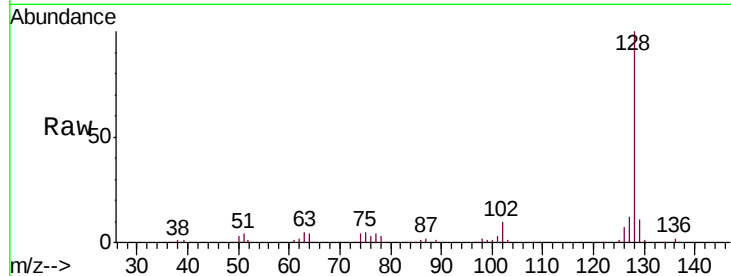




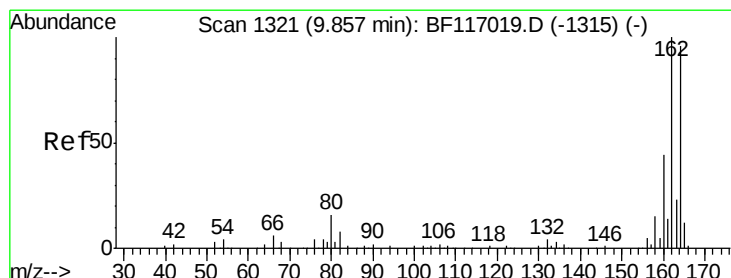
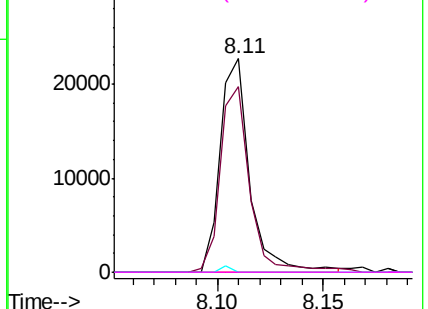
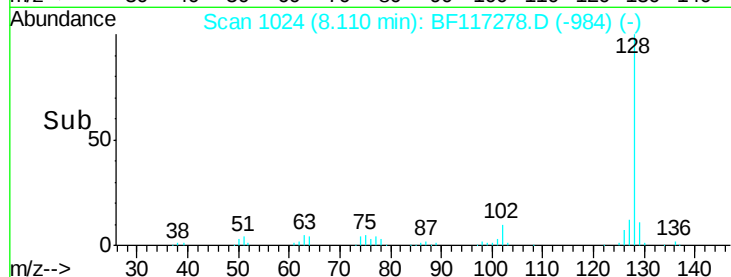
#33
4-Chloroaniline
Concen: 8.120 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.06 min
Lab File: BF117278.D
Acq: 1 Oct 2019 15:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:127 Resp: 22068
Ion Ratio Lower Upper
127 100
129 87.0 26.2 39.2#
65 0.0 23.5 35.3#
92 0.0 15.9 23.9#

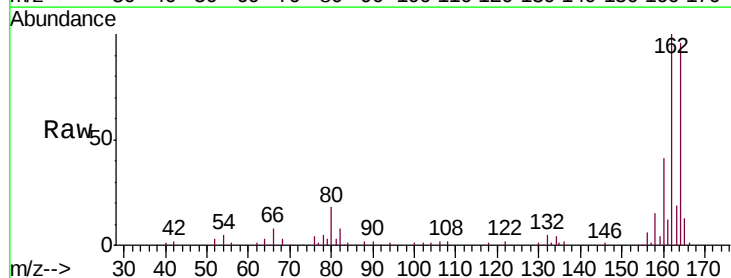


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

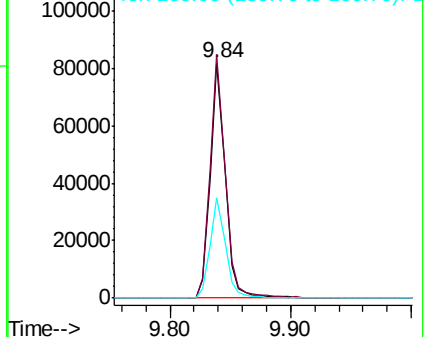
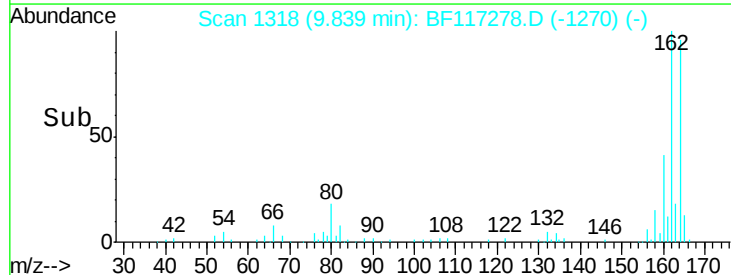


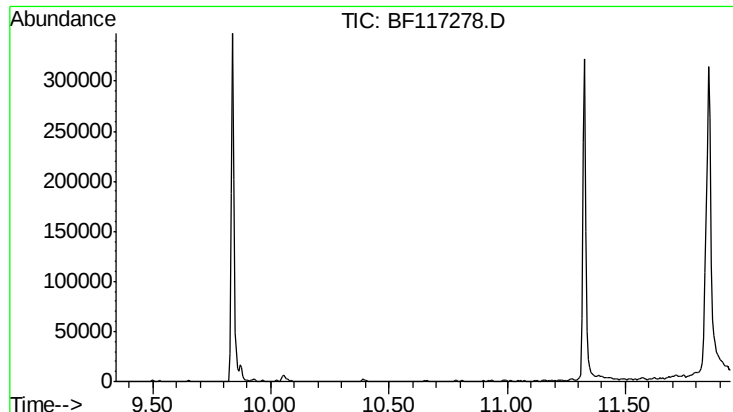
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.02 min
Lab File: BF117278.D
Acq: 1 Oct 2019 15:53

Tgt Ion:164 Resp: 70743
Ion Ratio Lower Upper
164 100
162 103.7 83.4 125.2
160 42.6 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: 0.000 ng

Expected RT: 10.65 min

Lab File: BF117278.D

Acq: 1 Oct 2019 15:53

Instrument :

BNA_F

ClientSampleId :

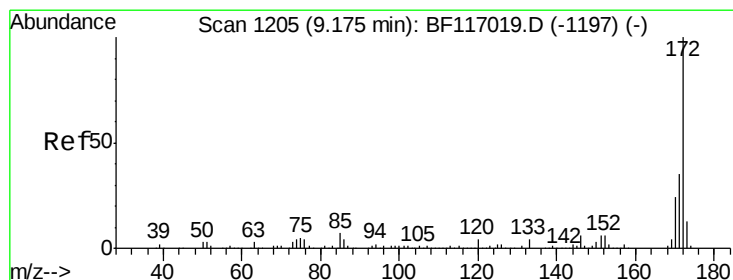
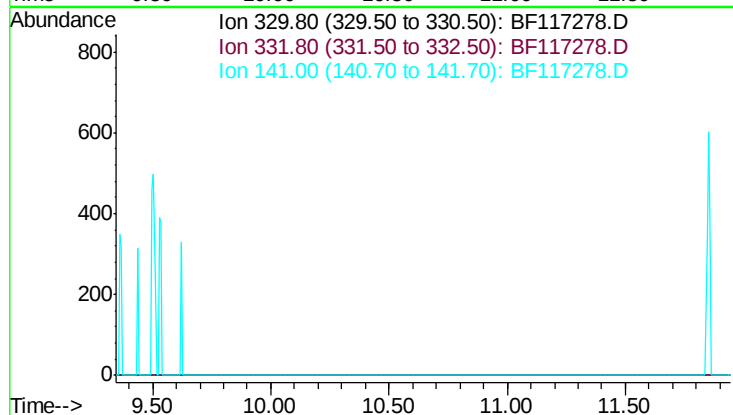
Tgt Ion: 330

Sig Exp Ratio

330 100

332 97.5

141 44.7



#45

2-Fluorobiphenyl

Concen: 0.315 ng

RT: 9.16 min Scan# 1203

Delta R.T. -0.01 min

Lab File: BF117278.D

Acq: 1 Oct 2019 15:53

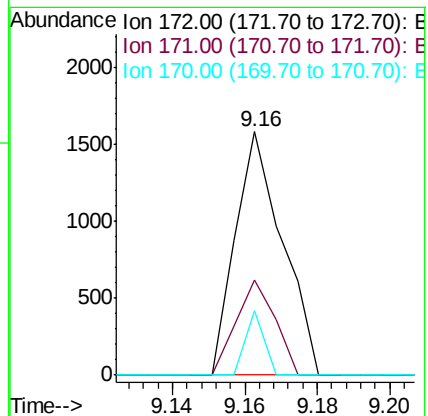
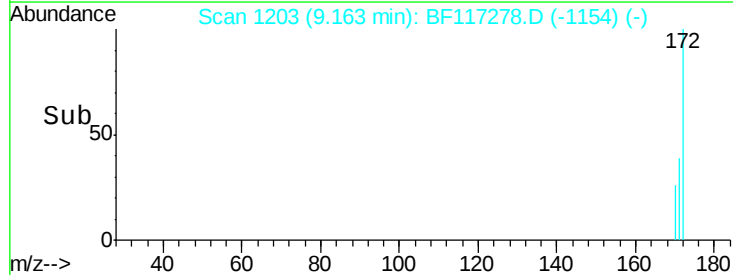
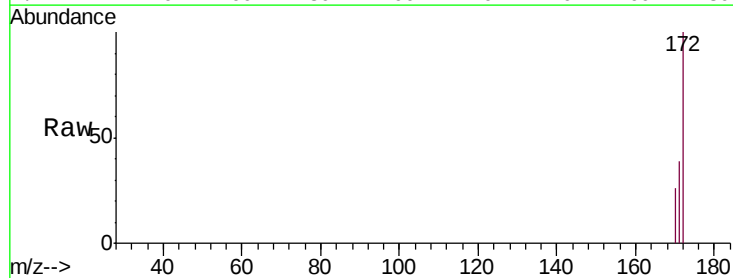
Tgt Ion: 172 Resp: 1425

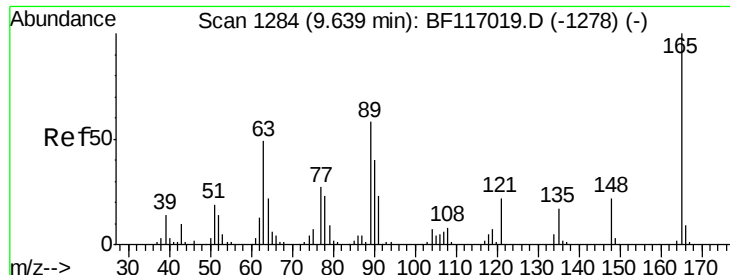
Ion Ratio Lower Upper

172 100

171 39.3 28.2 42.2

170 26.5 18.9 28.3

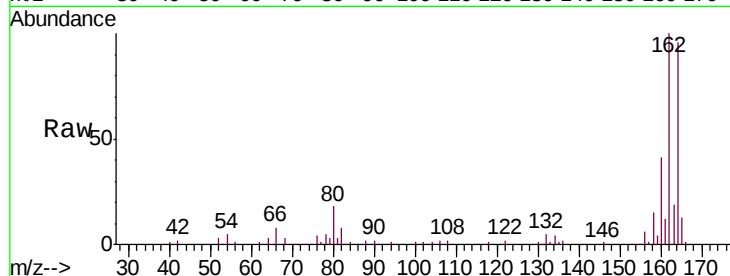




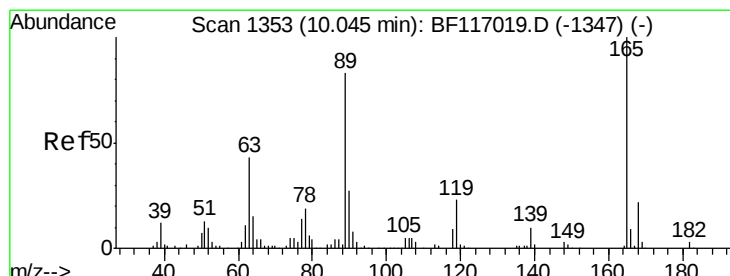
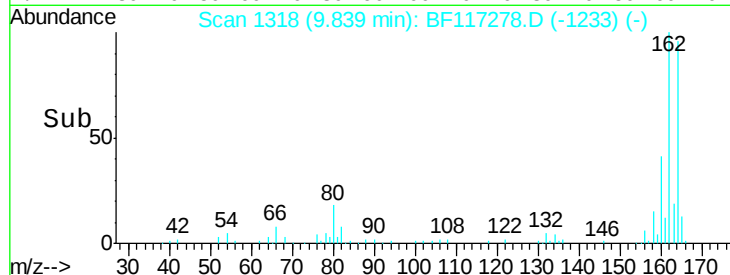
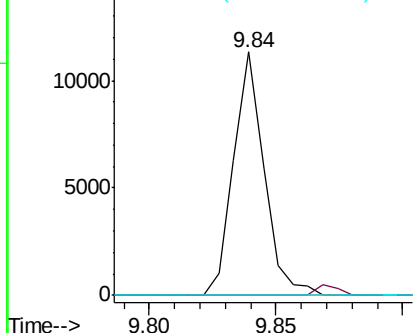
#51
 2,6-Dinitrotoluene
 Concen: 9.304 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. 0.20 min
 Lab File: BF117278.D
 Acq: 1 Oct 2019 15:53

Instrument :
 BNA_F
 ClientSampleId :

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



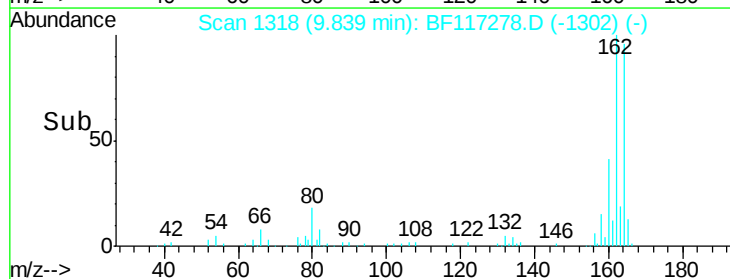
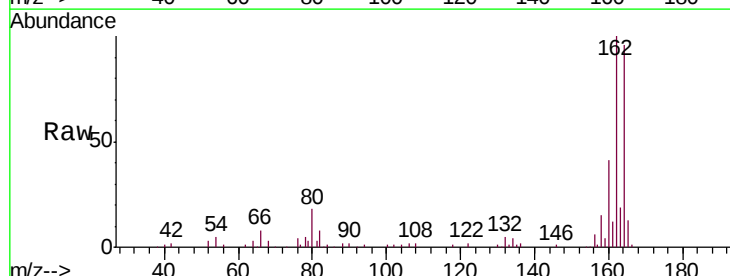
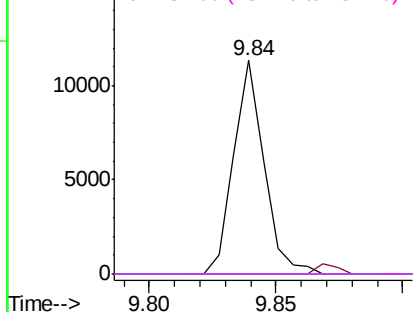
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

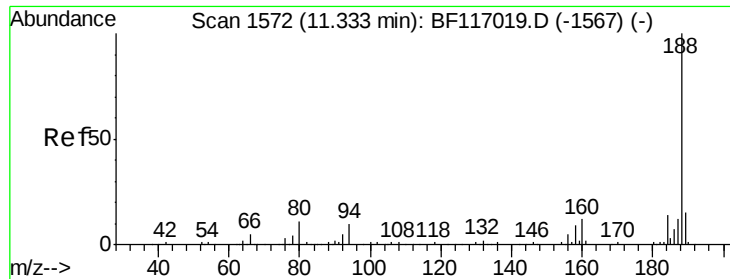


#57
 2,4-Dinitrotoluene
 Concen: 7.168 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.21 min
 Lab File: BF117278.D
 Acq: 1 Oct 2019 15:53

Tgt 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#

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
 Ion 182.00 (181.70 to 182.70): E

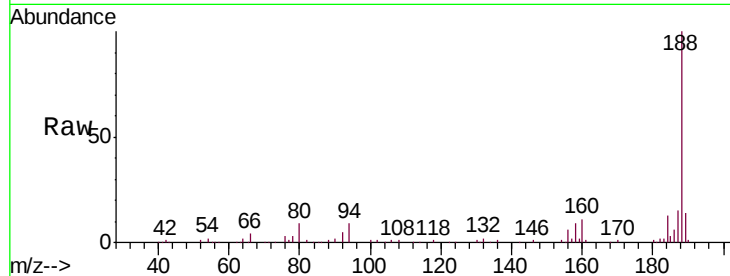




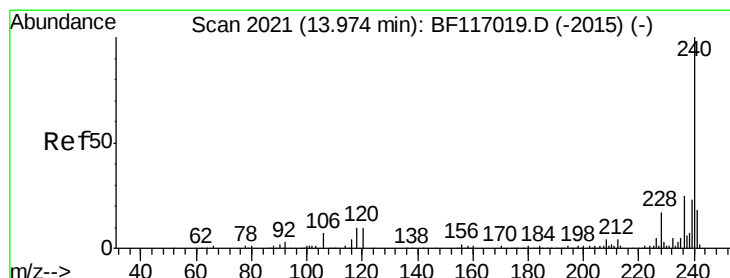
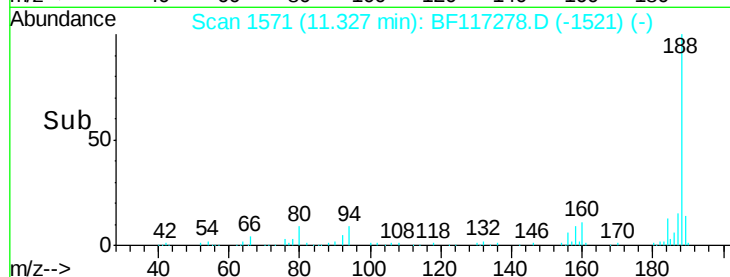
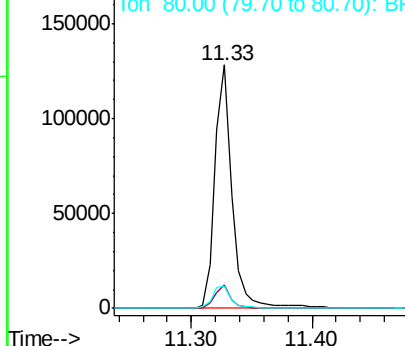
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BF117278.D
Acq: 1 Oct 2019 15:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 124320
Ion Ratio Lower Upper
188 100
94 9.4 8.2 12.2
80 9.1 9.0 13.6

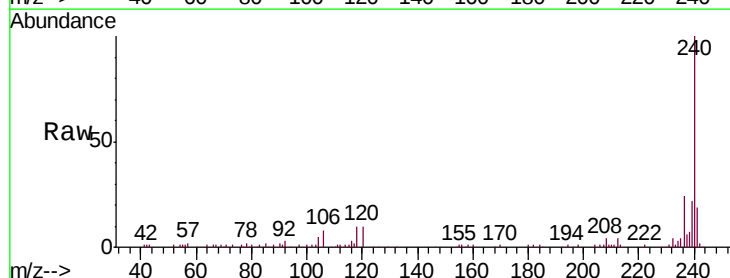


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

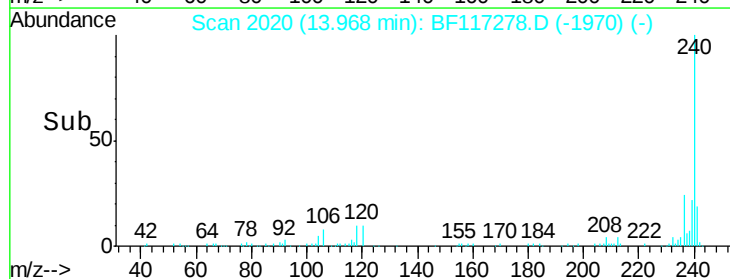
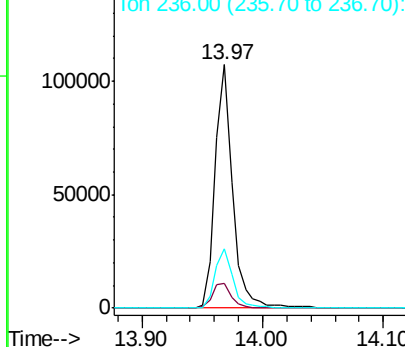


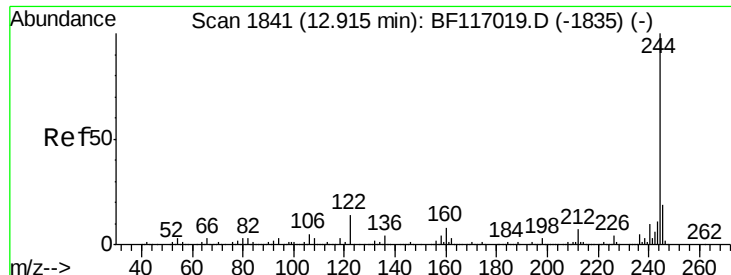
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF117278.D
Acq: 1 Oct 2019 15:53

Tgt Ion:240 Resp: 106022
Ion Ratio Lower Upper
240 100
120 10.2 8.3 12.5
236 24.2 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: 0.504 ng

RT: 12.91 min Scan# 1840

Delta R.T. -0.01 min

Lab File: BF117278.D

Acq: 1 Oct 2019 15:53

Instrument :

BNA_F

ClientSampleId :

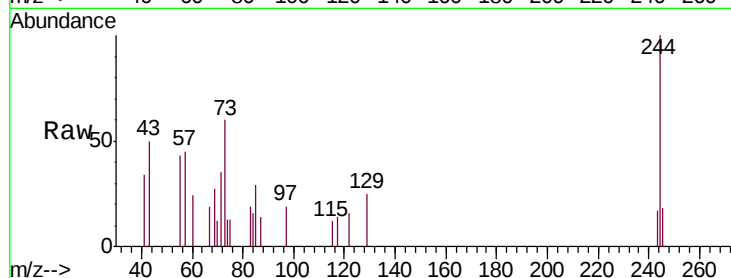
Tgt Ion:244 Resp: 2857

Ion Ratio Lower Upper

244 100

212 0.0 5.8 8.8#

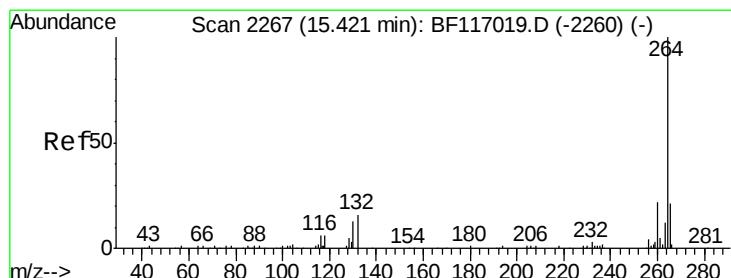
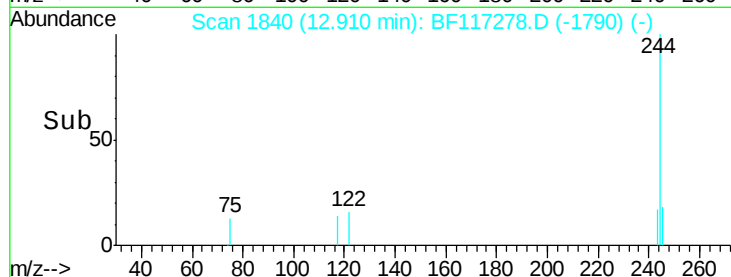
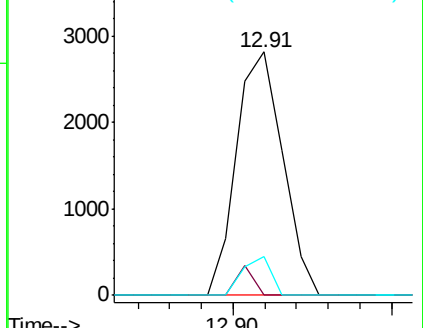
122 16.2 11.3 16.9



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

Perylene-d12

Concen: 20.000 ng

RT: 15.42 min Scan# 2267

Delta R.T. -0.00 min

Lab File: BF117278.D

Acq: 1 Oct 2019 15:53

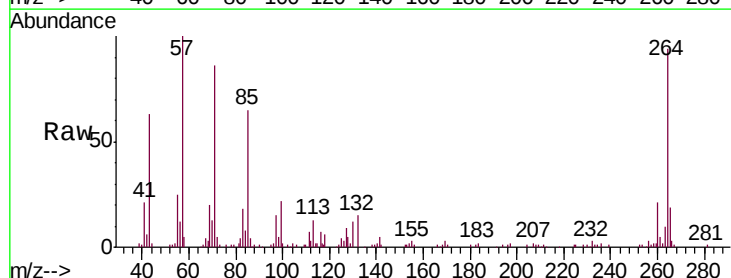
Tgt Ion:264 Resp: 107278

Ion Ratio Lower Upper

264 100

260 22.2 17.6 26.4

265 20.2 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

