

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082120\
 Data File : BF121386.D
 Acq On : 22 Aug 2020 00:55
 Operator : JU/CG
 Sample : L3506-06 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-03-082020

Quant Time: Aug 22 03:18:07 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF081920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 20 04:56:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	150942	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	574746	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	278789	20.00	ng	0.00
64) Phenanthrene-d10	11.22	188	471319	20.00	ng	0.00
76) Chrysene-d12	13.85	240	335826	20.00	ng	0.00
86) Perylene-d12	15.27	264	349785	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	181211	19.69	ng	0.00
7) Phenol-d6	6.34	99	224618	19.11	ng	0.00
23) Nitrobenzene-d5	7.26	82	133145	13.10	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	48437	14.91	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	280292	7.52	ng	0.00
79) Terphenyl-d14	12.80	244	225134	13.10	ng	0.00

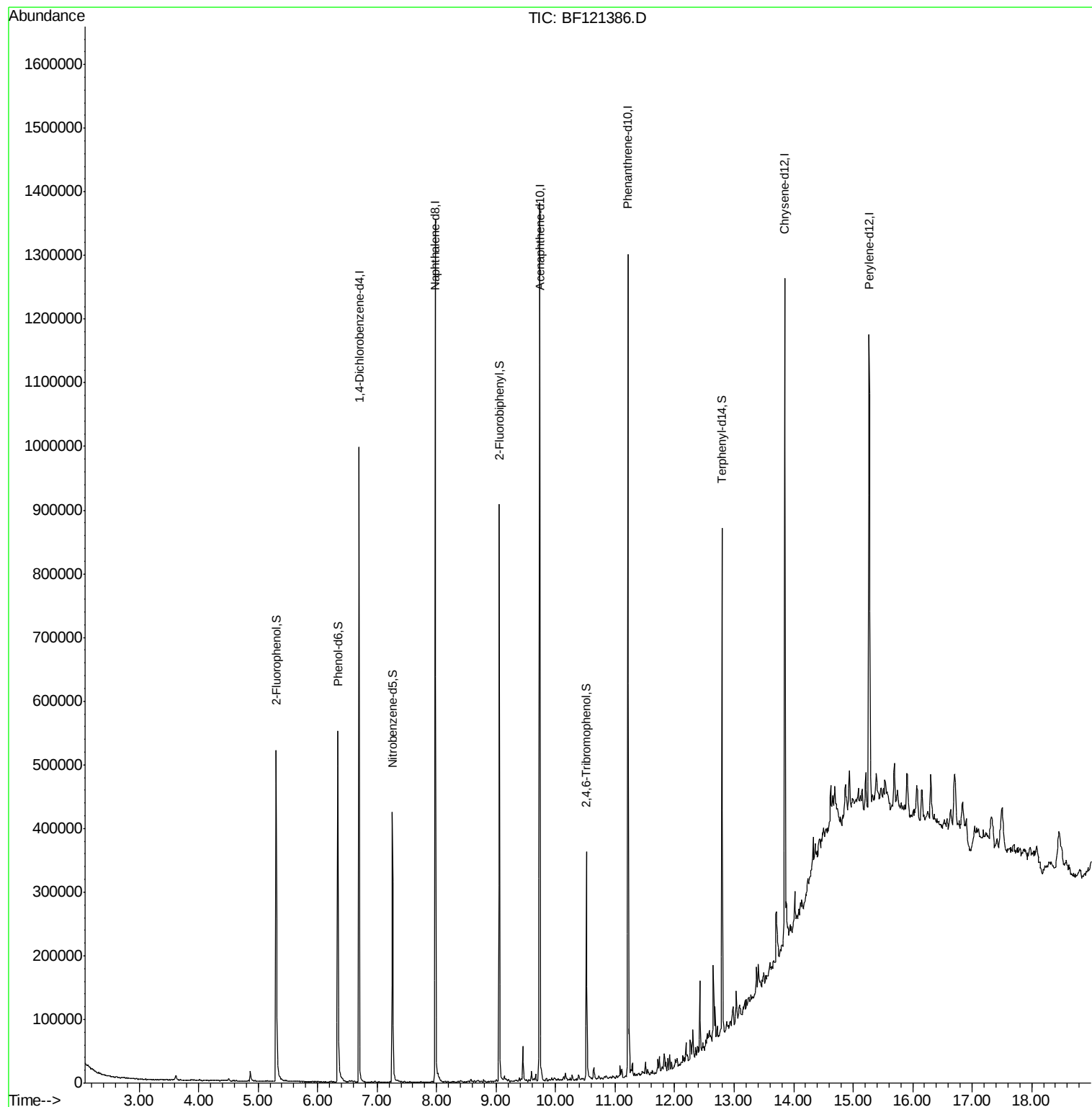
Target Compounds Qvalue

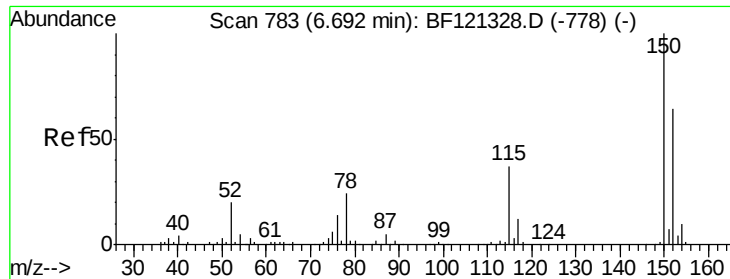
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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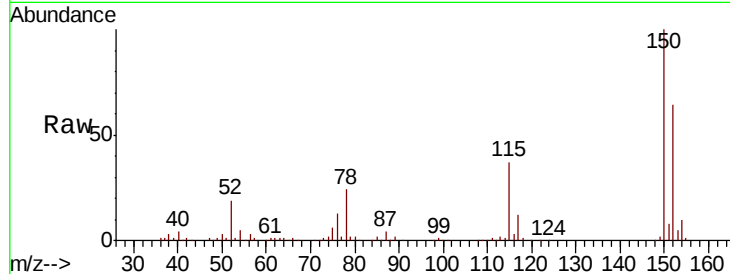


#1

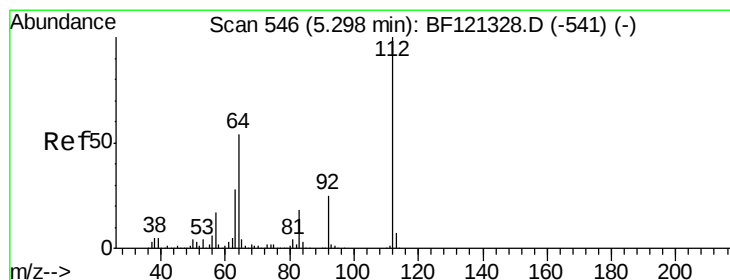
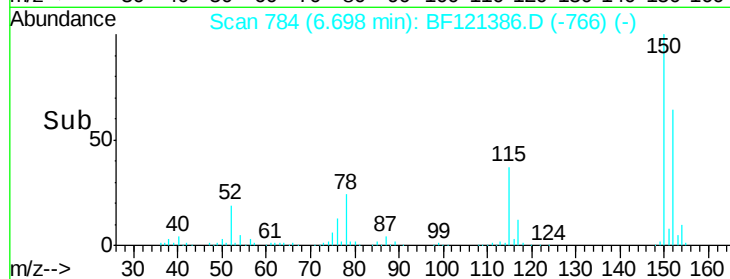
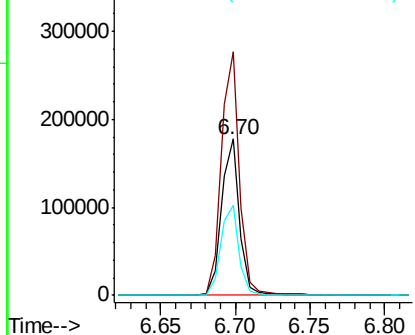
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. 0.01 min
Lab File: BF121386.D
Acq: 22 Aug 2020 00:55

Instrument :
BNA_F
ClientSampleId :
OR-03-082020

Tot Ion:152 Resp: 150942
Ion Ratio Lower Upper
152 100
150 155.7 124.8 187.2
115 57.3 46.1 69.1



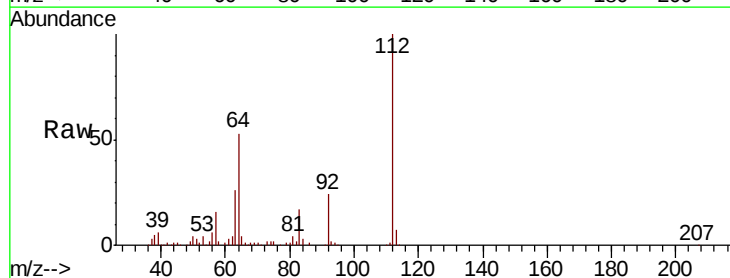
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



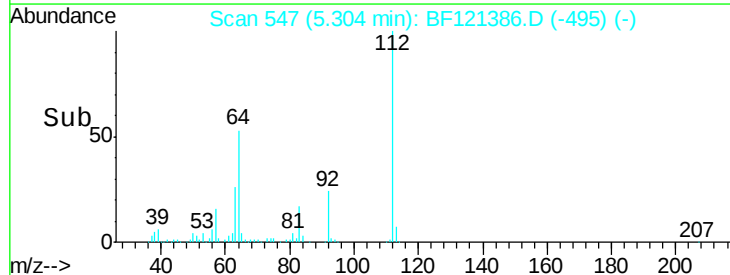
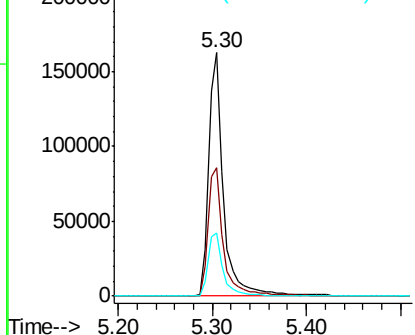
#5

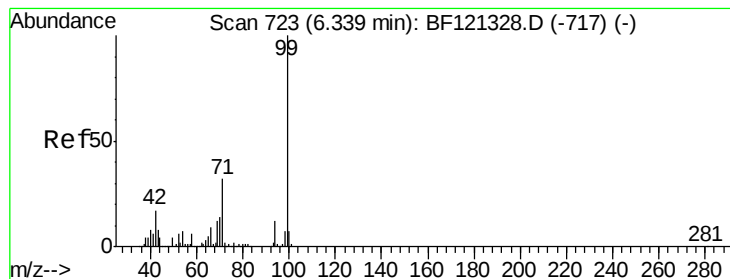
2-Fluorophenol
Concen: 19.686 ng
RT: 5.30 min Scan# 547
Delta R.T. 0.01 min
Lab File: BF121386.D
Acq: 22 Aug 2020 00:55

Tgt Ion:112 Resp: 181211
Ion Ratio Lower Upper
112 100
64 53.0 43.5 65.3
63 26.0 22.0 33.0



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: 19.114 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.00 min

Lab File: BF121386.D

Acq: 22 Aug 2020 00:55

Instrument :

BNA_F

ClientSampleId :

OR-03-082020

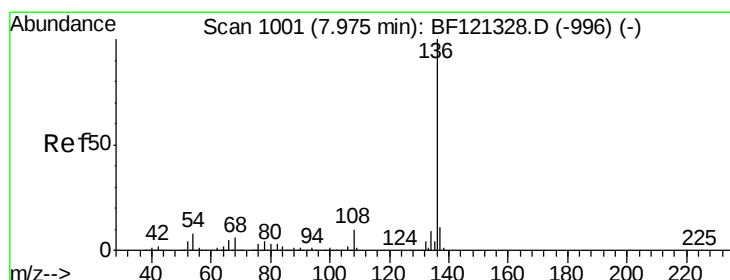
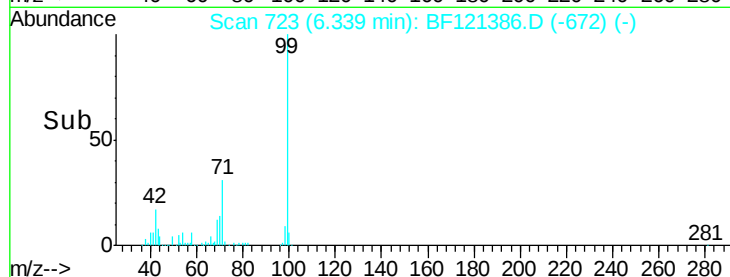
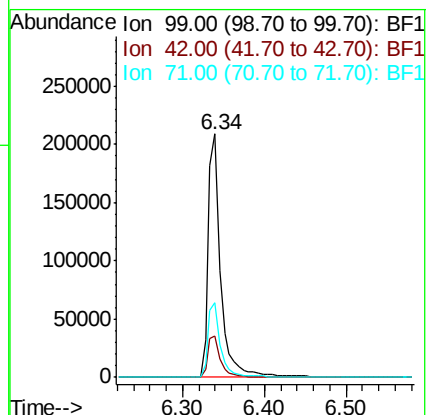
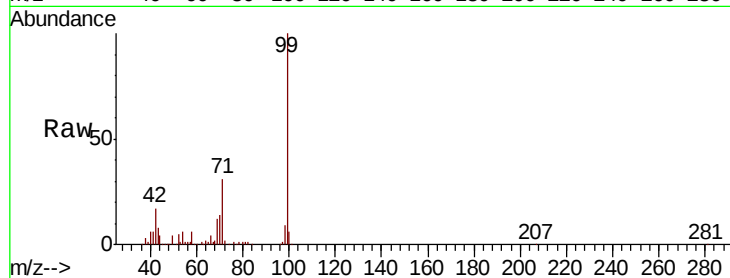
Tot Ion: 99 Resp: 224618

Ion Ratio Lower Upper

99 100

42 17.1 13.5 20.3

71 30.6 25.2 37.8



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.98 min Scan# 1002

Delta R.T. 0.01 min

Lab File: BF121386.D

Acq: 22 Aug 2020 00:55

Tgt Ion: 136 Resp: 574746

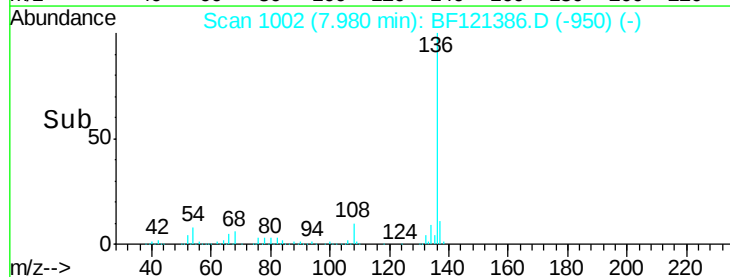
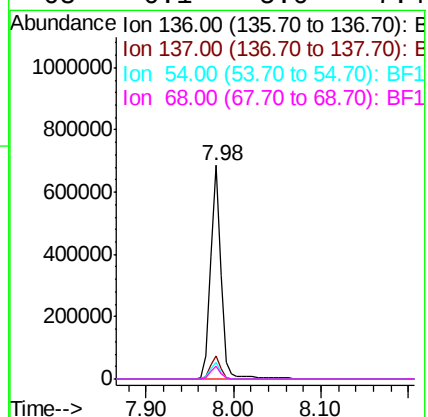
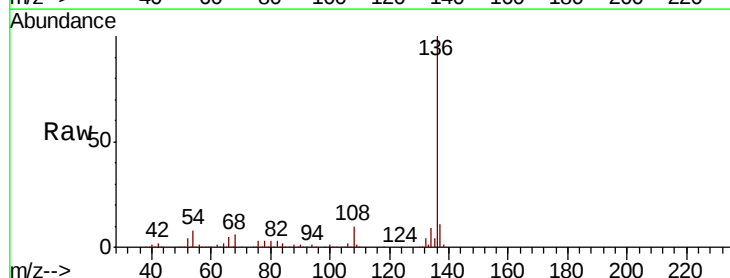
Ion Ratio Lower Upper

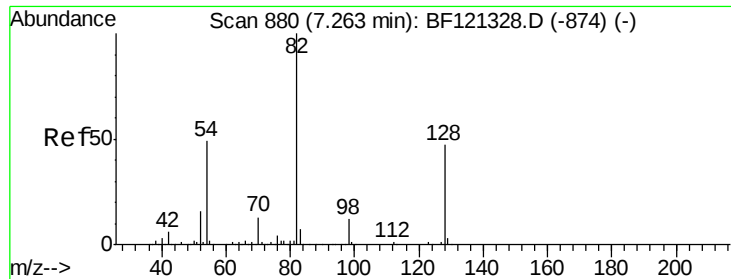
136 100

137 11.0 8.9 13.3

54 7.6 6.1 9.1

68 6.1 5.0 7.4

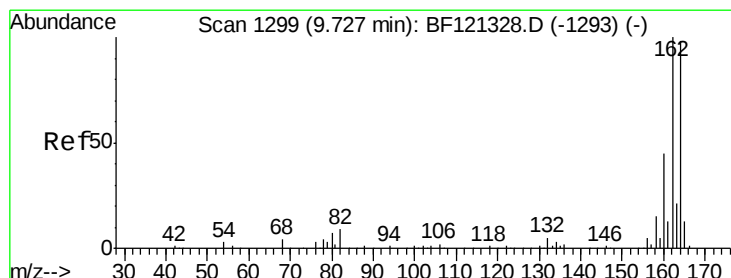
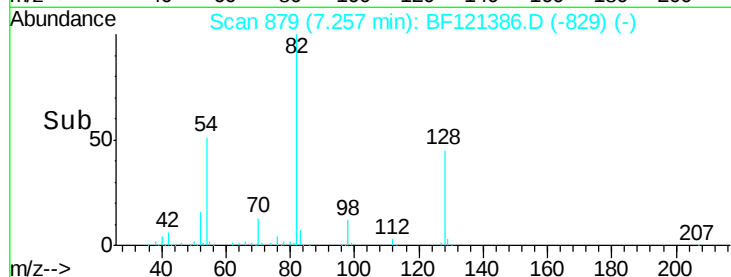
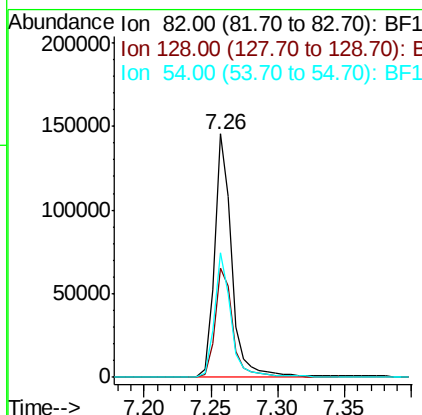
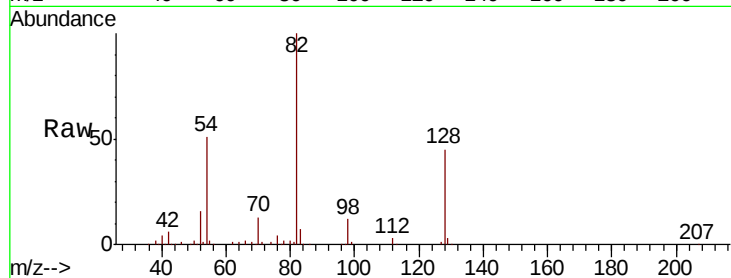




#23
Nitrobenzene-d5
Concen: 13.102 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF121386.D
Acq: 22 Aug 2020 00:55

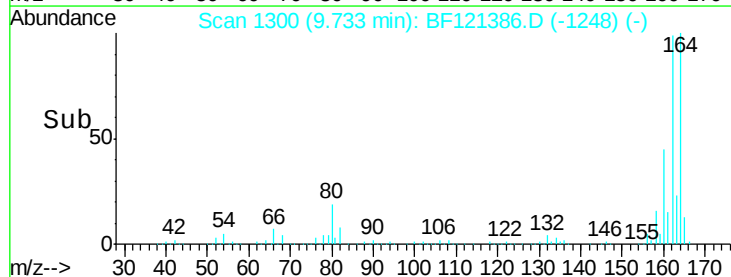
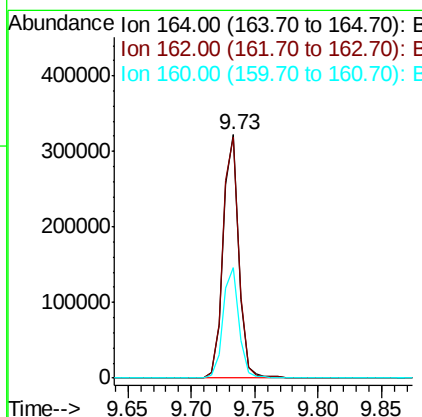
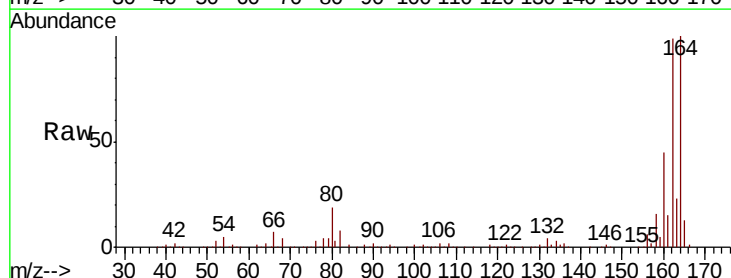
Instrument :
BNA_F
ClientSampleId :
OR-03-082020

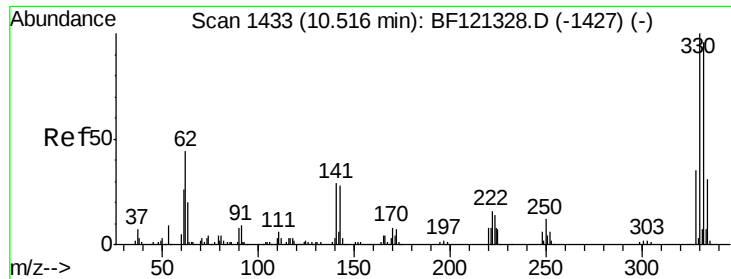
Tot Ion	82	Resp	133145
Ion Ratio	Lower	Upper	
82	100		
128	44.8	37.9	56.9
54	51.3	39.0	58.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1300
Delta R.T. 0.01 min
Lab File: BF121386.D
Acq: 22 Aug 2020 00:55

Tgt Ion	164	Resp	278789
Ion Ratio	Lower	Upper	
164	100		
162	99.1	81.7	122.5
160	45.4	37.0	55.4

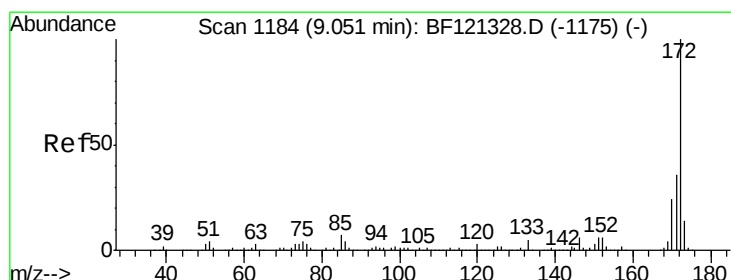
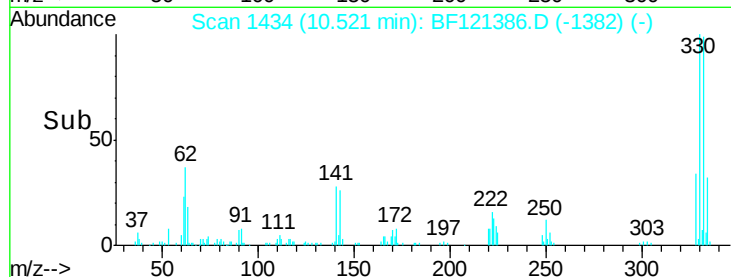
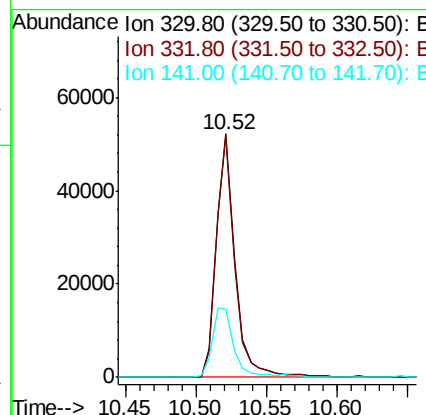
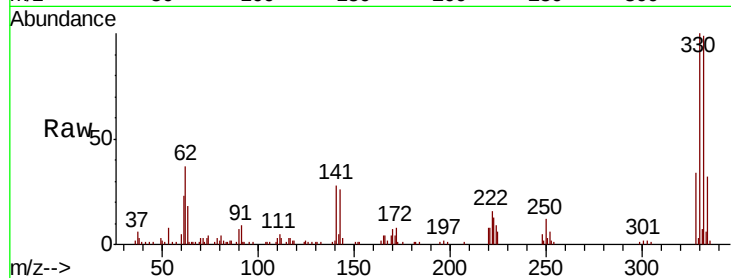




#42
 2,4,6-Tribromophenol
 Concen: 14.909 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. 0.01 min
 Lab File: BF121386.D
 Acq: 22 Aug 2020 00:55

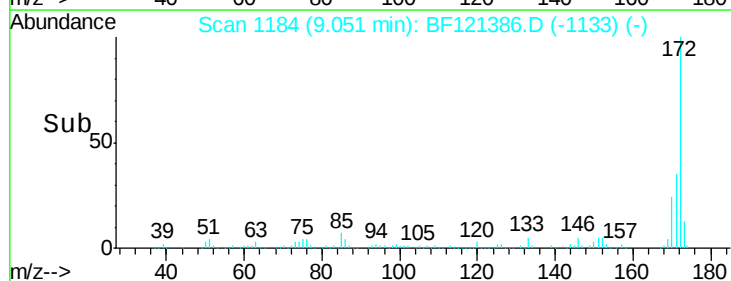
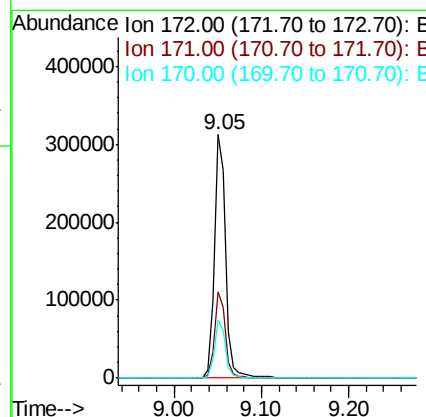
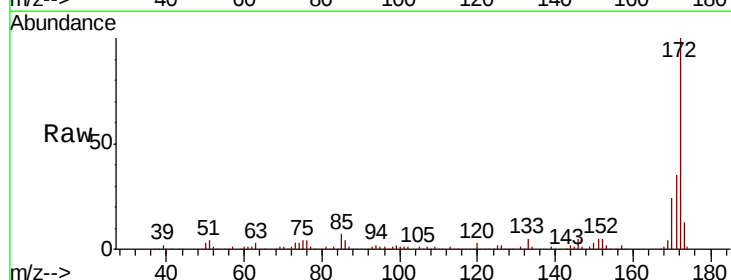
Instrument :
 BNA_F
 ClientSampleId :
 OR-03-082020

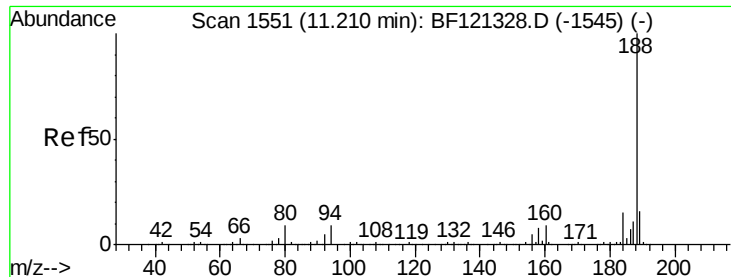
Tot Ion	Ratio	Lower	Upper
330	100		
332	98.0	76.9	115.3
141	33.3	22.8	34.2



#45
 2-Fluorobiphenyl
 Concen: 7.516 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. -0.00 min
 Lab File: BF121386.D
 Acq: 22 Aug 2020 00:55

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.0	43.6
170	23.9	19.4	29.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.22 min Scan# 1552

Delta R.T. 0.01 min

Lab File: BF121386.D

Acq: 22 Aug 2020 00:55

Instrument :

BNA_F

ClientSampleId :

OR-03-082020

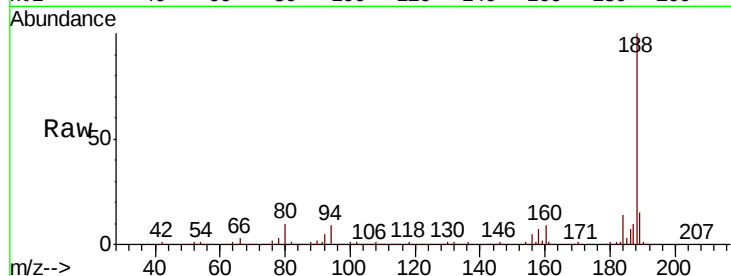
Tot Ion:188 Resp: 471319

Ion Ratio Lower Upper

188 100

94 9.3 7.2 10.8

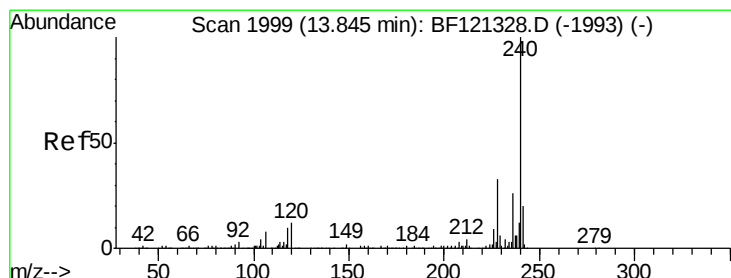
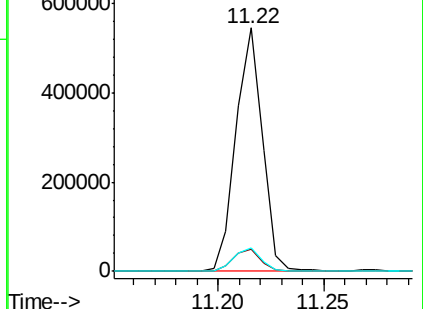
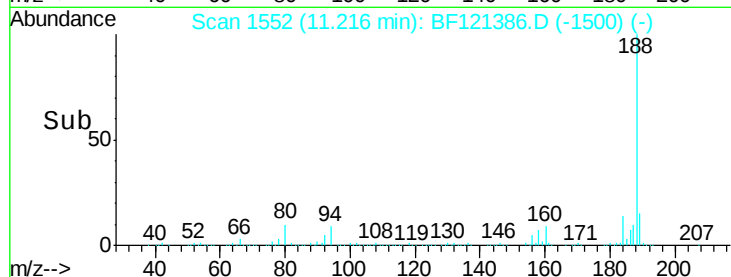
80 9.6 7.4 11.0



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: 13.85 min Scan# 2000

Delta R.T. 0.01 min

Lab File: BF121386.D

Acq: 22 Aug 2020 00:55

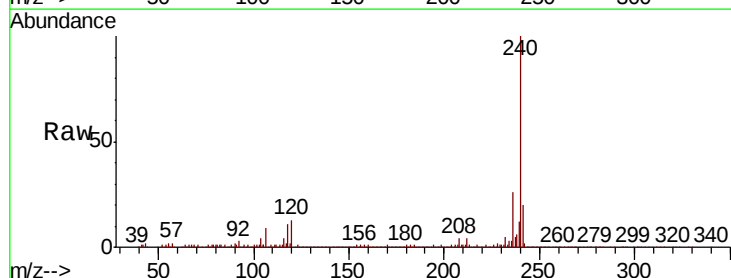
Tgt Ion:240 Resp: 335826

Ion Ratio Lower Upper

240 100

120 12.5 9.6 14.4

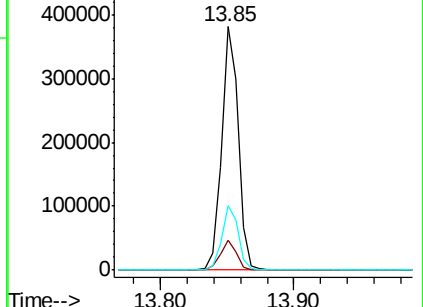
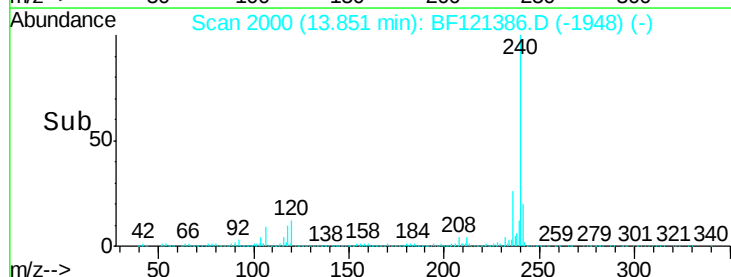
236 26.4 20.6 31.0

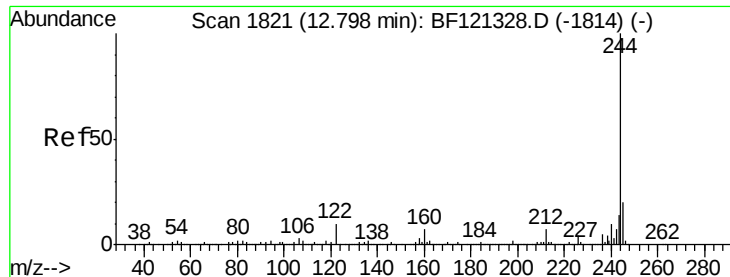


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 13.100 ng

RT: 12.80 min Scan# 1821

Delta R.T. 0.00 min

Lab File: BF121386.D

Acq: 22 Aug 2020 00:55

Instrument :

BNA_F

ClientSampleId :

OR-03-082020

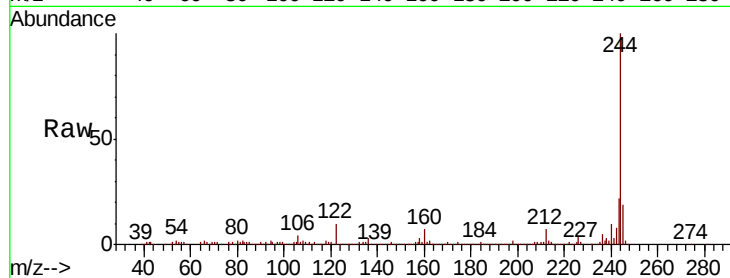
Tot Ion:244 Resp: 225134

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

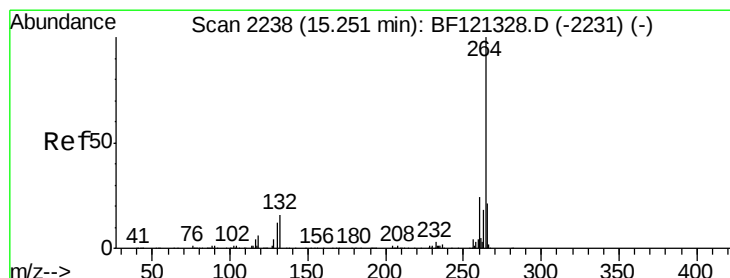
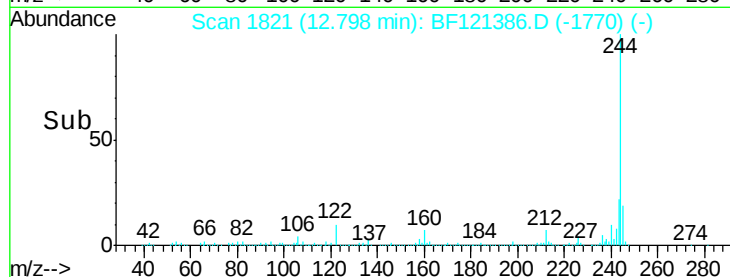
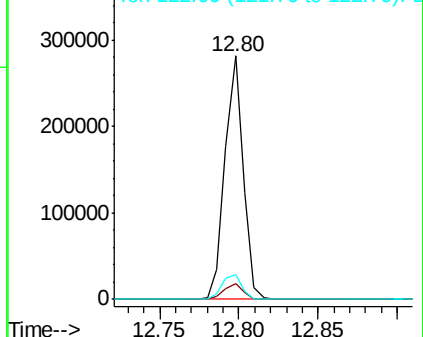
122 10.2 7.8 11.8



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.27 min Scan# 2241

Delta R.T. 0.02 min

Lab File: BF121386.D

Acq: 22 Aug 2020 00:55

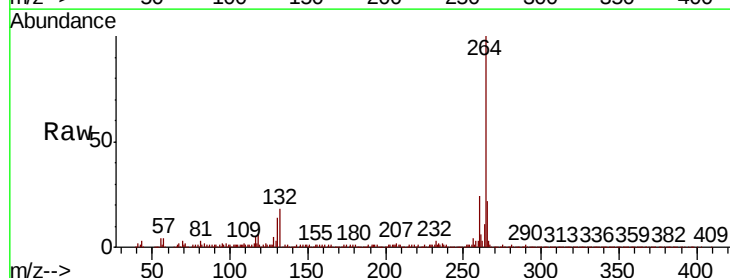
Tgt Ion:264 Resp: 349785

Ion Ratio Lower Upper

264 100

260 24.5 19.5 29.3

265 22.5 17.1 25.7



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

