

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082020\
 Data File : BF121339.D
 Acq On : 20 Aug 2020 11:08
 Operator : JU/CG
 Sample : L3712-05 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VB-25203

Quant Time: Aug 20 12:03:27 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	6.69	152	139928	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	543656	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	271722	20.00	ng	0.00
64) Phenanthrene-d10	11.21	188	454916	20.00	ng	0.00
76) Chrysene-d12	13.84	240	470712	20.00	ng	0.00
86) Perylene-d12	15.24	264	446995	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	177873	20.84	ng	0.00
7) Phenol-d6	6.33	99	224272	20.59	ng	-0.01
23) Nitrobenzene-d5	7.25	82	135979	14.15	ng	-0.01
42) 2,4,6-Tribromophenol	10.51	330	60546	19.12	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	274529	7.63	ng	0.00
79) Terphenyl-d14	12.79	244	289345	12.01	ng	0.00

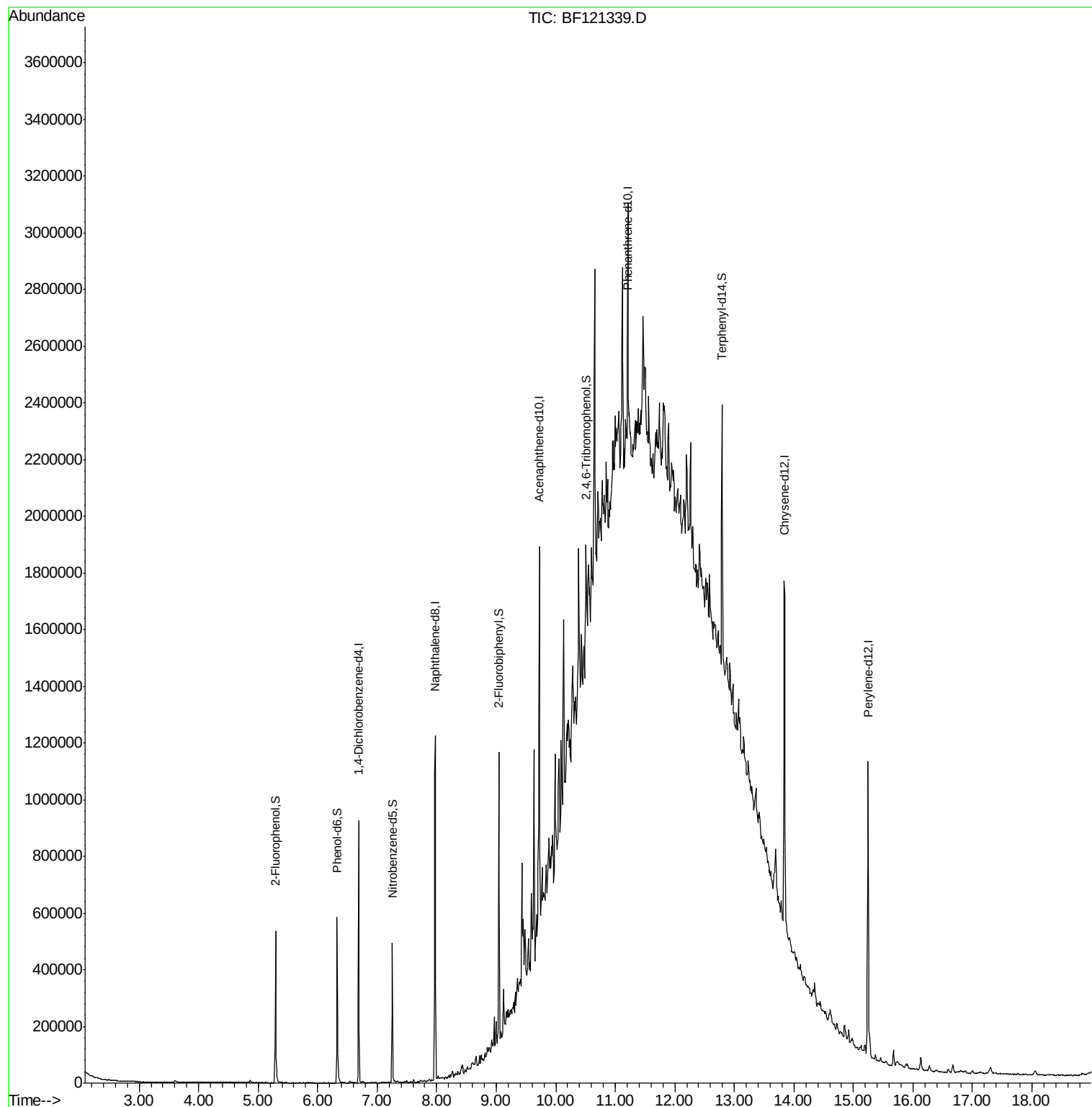
Target Compounds Qvalue

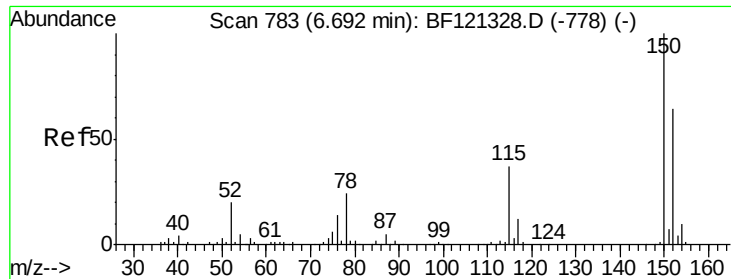
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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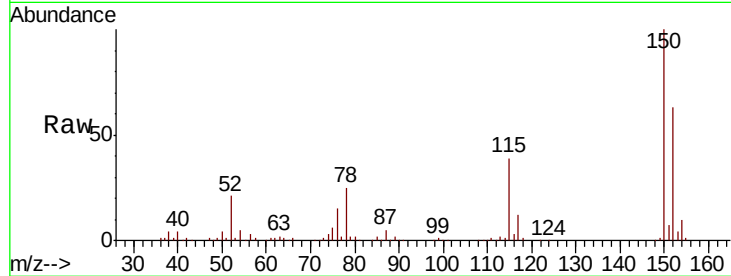


#1

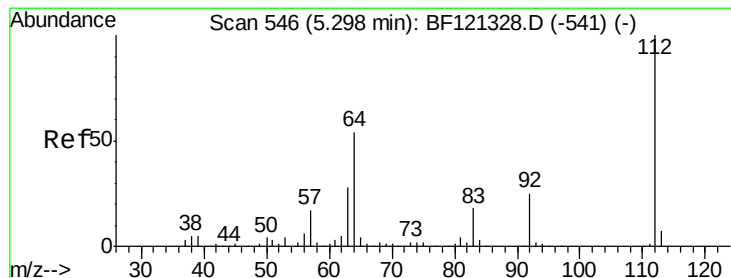
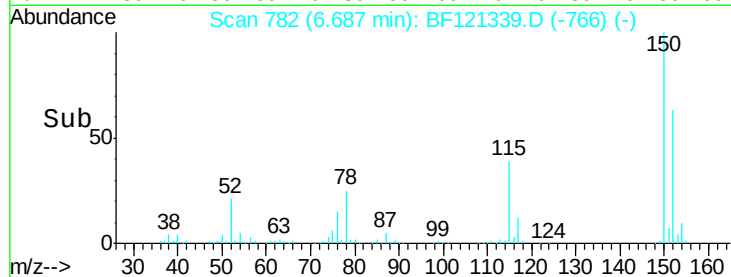
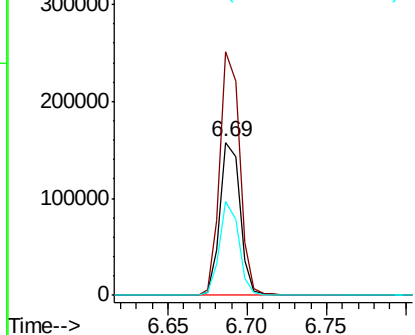
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.69 min Scan# 782
 Delta R.T. -0.01 min
 Lab File: BF121339.D
 Acq: 20 Aug 2020 11:08

Instrument :
 BNA_F
 ClientSampleId :
 VB-25203

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.3	124.8	187.2
115	61.6	46.1	69.1



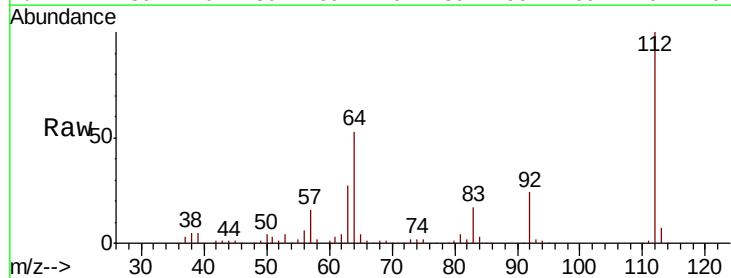
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



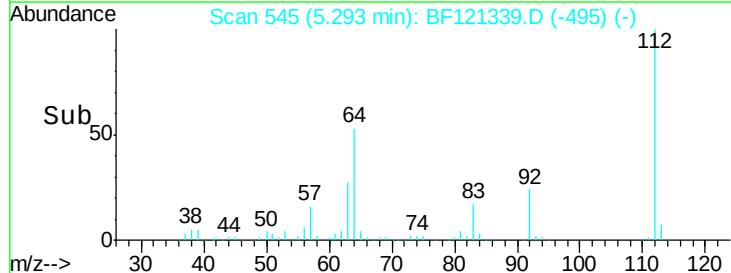
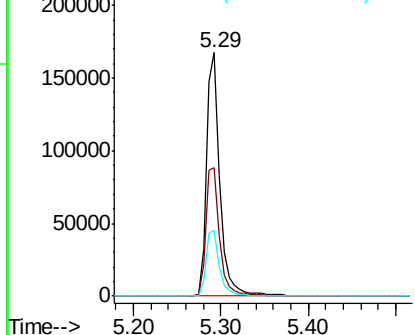
#5

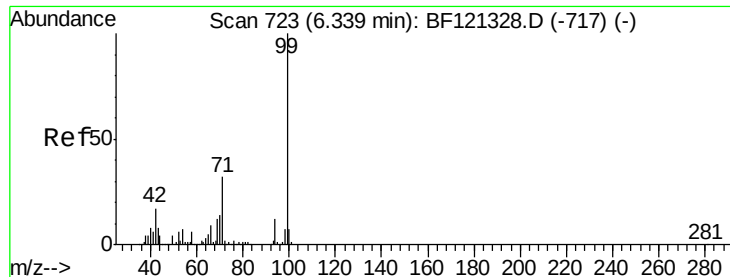
2-Fluorophenol
 Concen: 20.844 ng
 RT: 5.29 min Scan# 545
 Delta R.T. -0.01 min
 Lab File: BF121339.D
 Acq: 20 Aug 2020 11:08

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.6	43.5	65.3
63	27.2	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: 20.587 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.01 min

Lab File: BF121339.D

Acq: 20 Aug 2020 11:08

Instrument :

BNA_F

ClientSampleId :

VB-25203

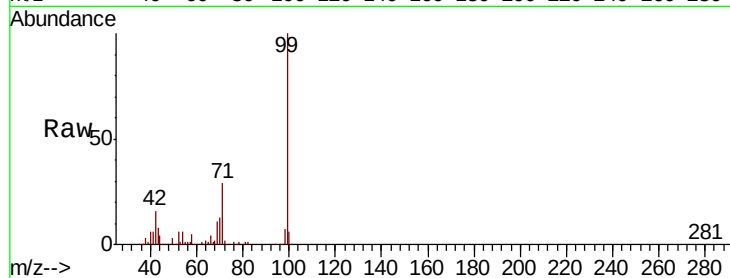
Tot Ion: 99 Resp: 224272

Ion Ratio Lower Upper

99 100

42 15.9 13.5 20.3

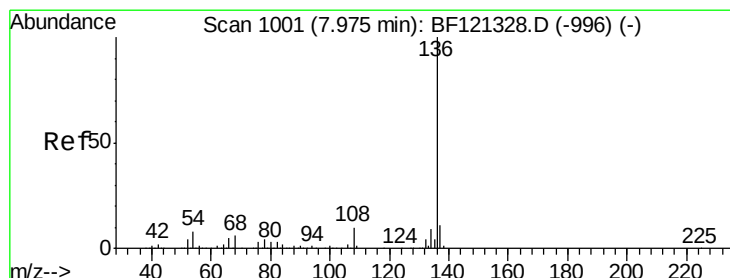
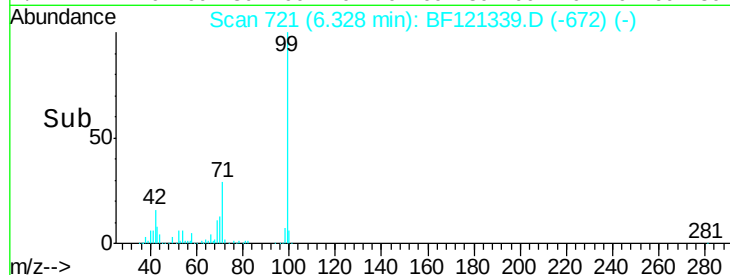
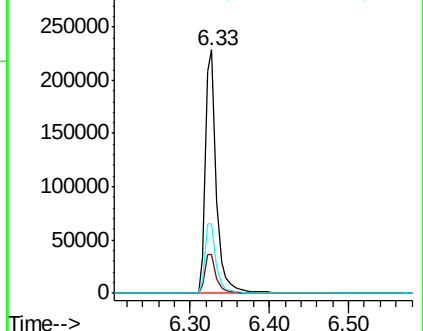
71 28.6 25.2 37.8



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: 7.97 min Scan# 1001

Delta R.T. 0.00 min

Lab File: BF121339.D

Acq: 20 Aug 2020 11:08

Tgt Ion: 136 Resp: 543656

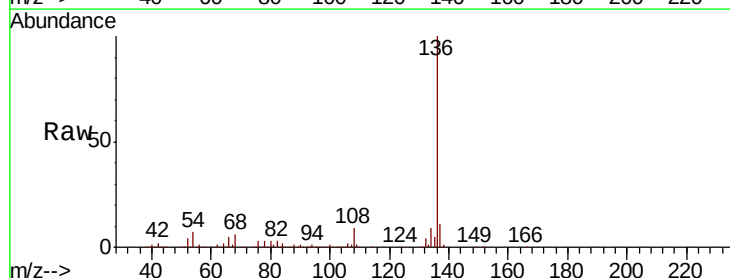
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 6.8 6.1 9.1

68 5.8 5.0 7.4

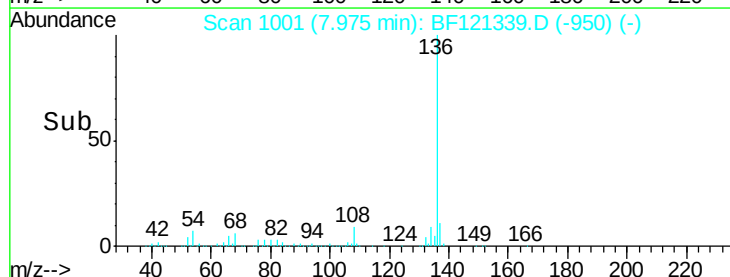
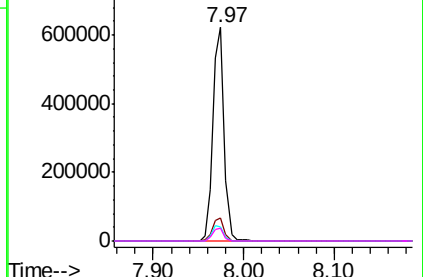


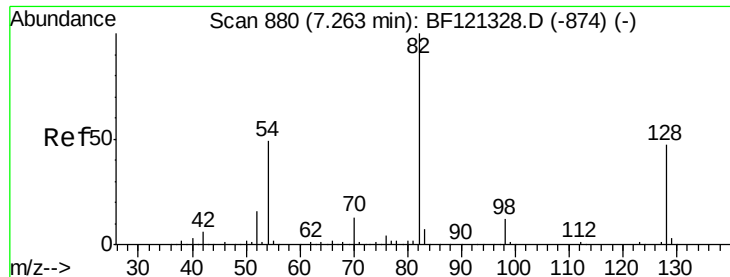
Abundance Ion 136.00 (135.70 to 136.70): E

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

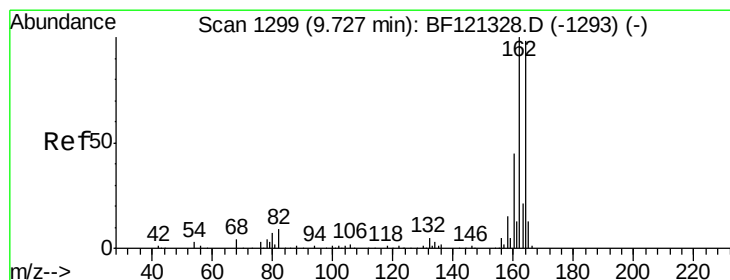
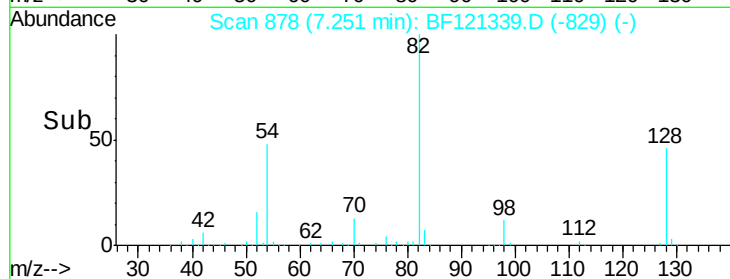
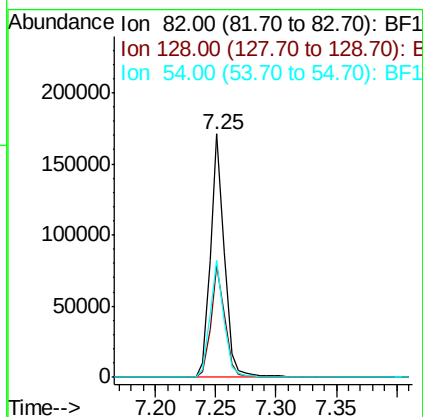
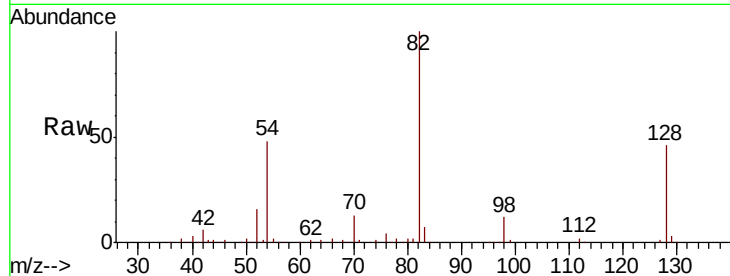




#23
 Nitrobenzene-d5
 Concen: 14.146 ng
 RT: 7.25 min Scan# 878
 Delta R.T. -0.01 min
 Lab File: BF121339.D
 Acq: 20 Aug 2020 11:08

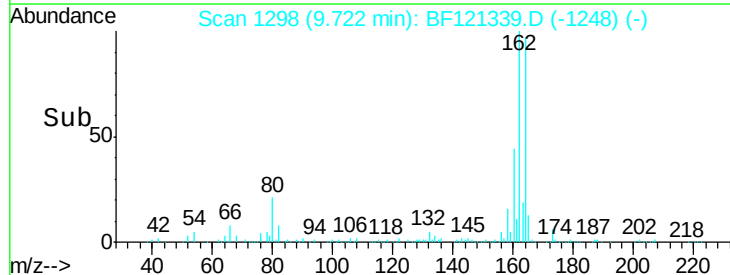
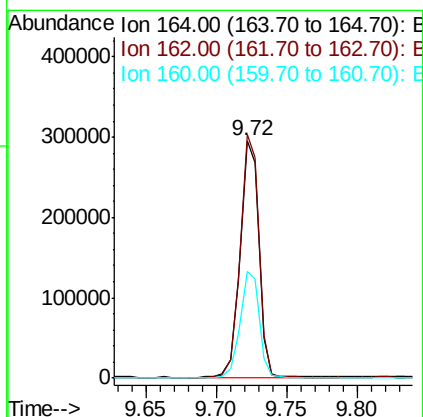
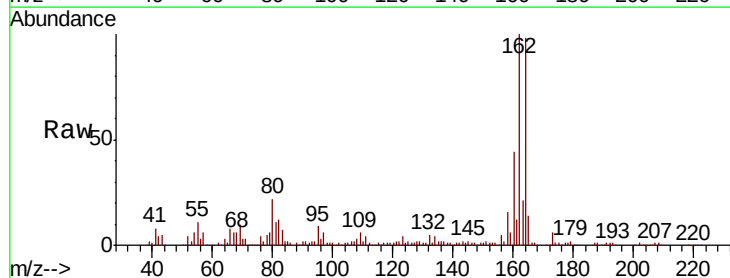
Instrument :
 BNA_F
 ClientSampleId :
 VB-25203

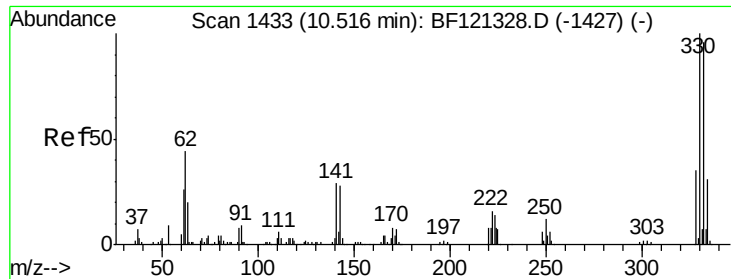
Tot Ion	82	Resp	135979
Ion Ratio	Lower	Upper	
82	100		
128	45.8	37.9	56.9
54	48.2	39.0	58.4



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. -0.01 min
 Lab File: BF121339.D
 Acq: 20 Aug 2020 11:08

Tgt Ion	164	Resp	271722
Ion Ratio	Lower	Upper	
164	100		
162	102.4	81.7	122.5
160	45.0	37.0	55.4





#42

2,4,6-Tribromophenol

Concen: 19.121 ng

RT: 10.51 min Scan# 1432

Delta R.T. -0.01 min

Lab File: BF121339.D

Acq: 20 Aug 2020 11:08

Instrument :

BNA_F

ClientSampleId :

VB-25203

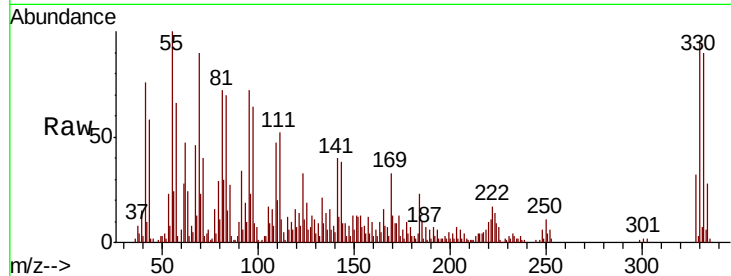
Tot Ion:330 Resp: 60546

Ion Ratio Lower Upper

330 100

332 95.3 76.9 115.3

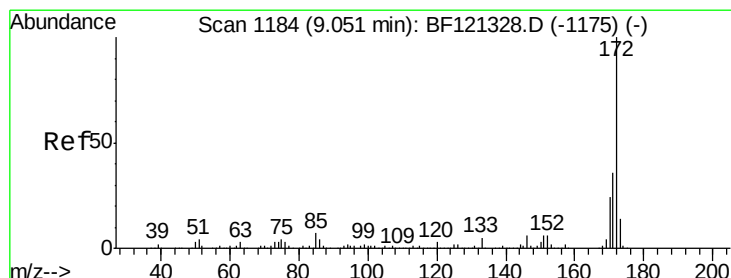
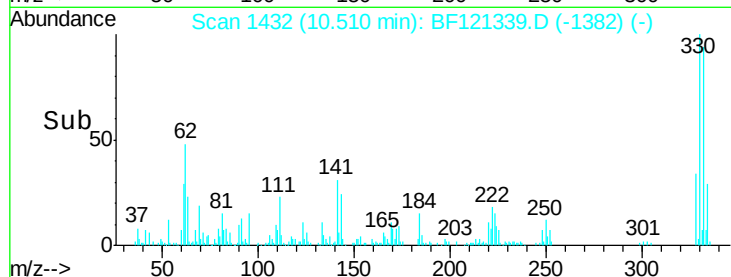
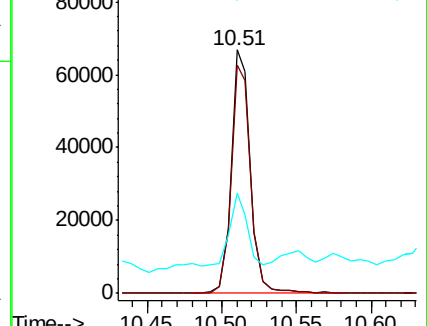
141 27.7 22.8 34.2



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: 7.628 ng

RT: 9.05 min Scan# 1183

Delta R.T. -0.01 min

Lab File: BF121339.D

Acq: 20 Aug 2020 11:08

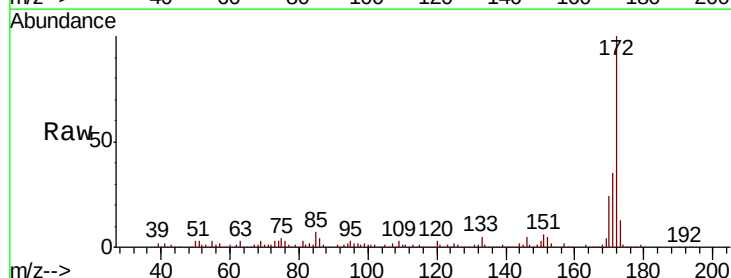
Tgt Ion:172 Resp: 274529

Ion Ratio Lower Upper

172 100

171 35.2 29.0 43.6

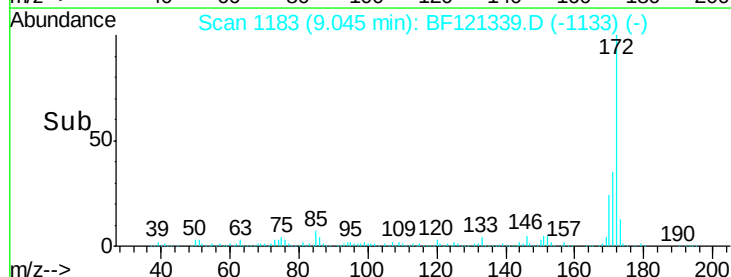
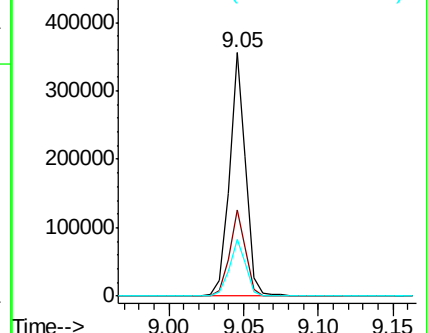
170 23.5 19.4 29.2

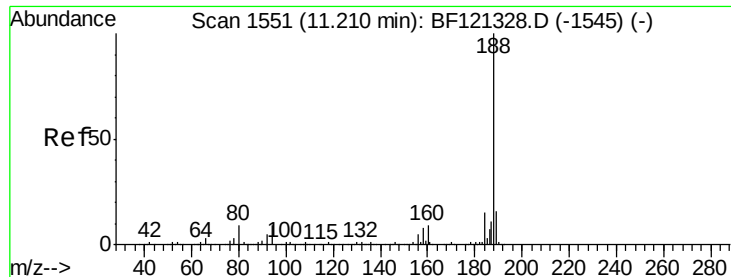


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.21 min Scan# 1551

Delta R.T. 0.00 min

Lab File: BF121339.D

Acq: 20 Aug 2020 11:08

Instrument :

BNA_F

ClientSampleId :

VB-25203

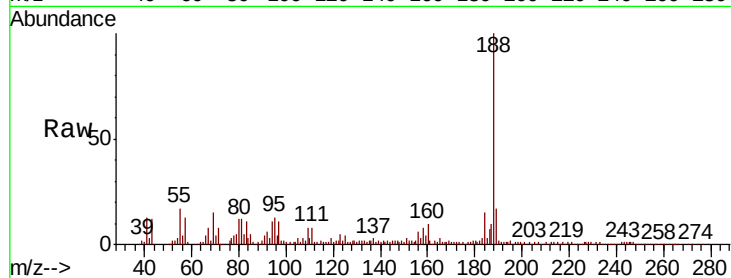
Tot Ion:188 Resp: 454916

Ion Ratio Lower Upper

188 100

94 11.3 7.2 10.8#

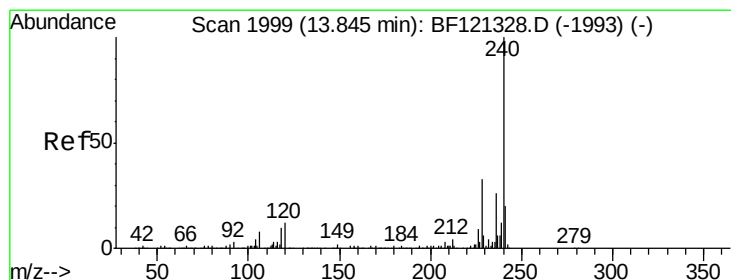
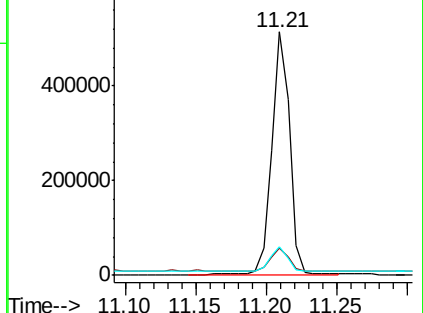
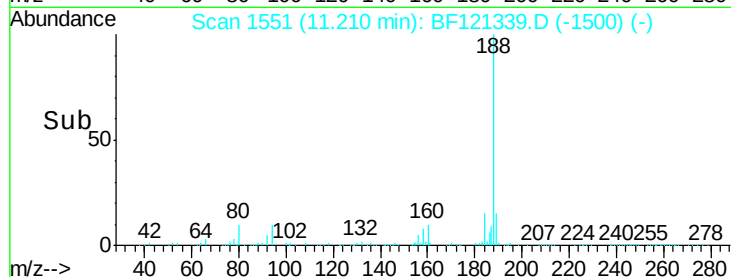
80 11.5 7.4 11.0#



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: 13.84 min Scan# 1998

Delta R.T. -0.01 min

Lab File: BF121339.D

Acq: 20 Aug 2020 11:08

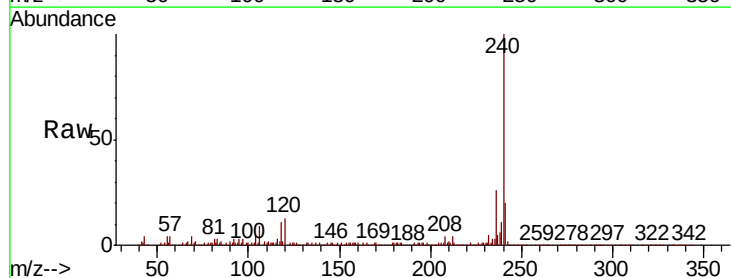
Tgt Ion:240 Resp: 470712

Ion Ratio Lower Upper

240 100

120 13.1 9.6 14.4

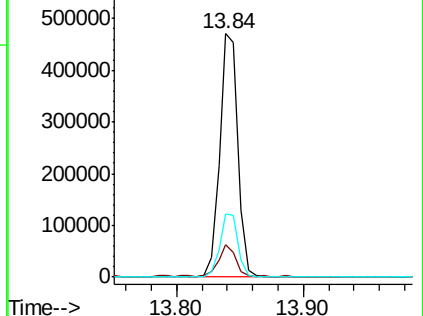
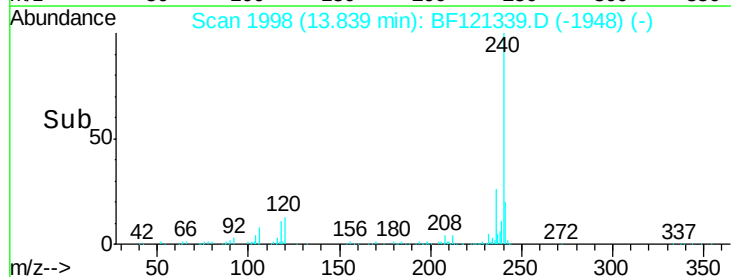
236 26.0 20.6 31.0

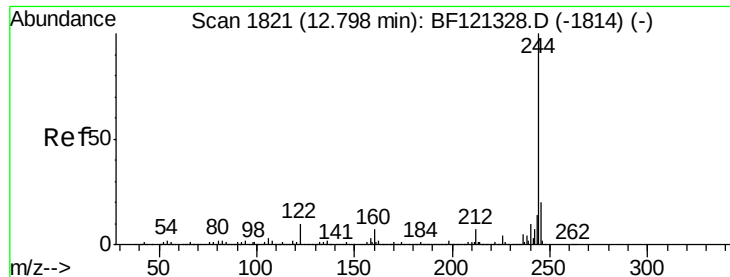


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 12.012 ng

RT: 12.79 min Scan# 1820

Delta R.T. -0.00 min

Lab File: BF121339.D

Acq: 20 Aug 2020 11:08

Instrument :

BNA_F

ClientSampleId :

VB-25203

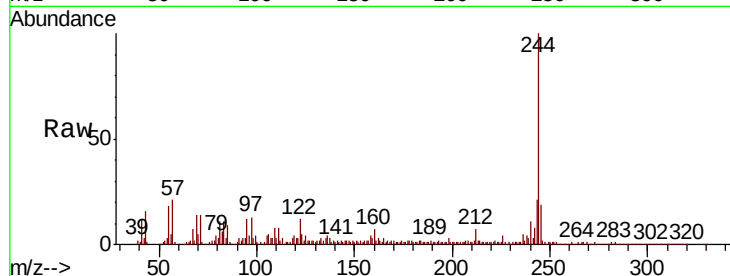
Tot Ion:244 Resp: 289345

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

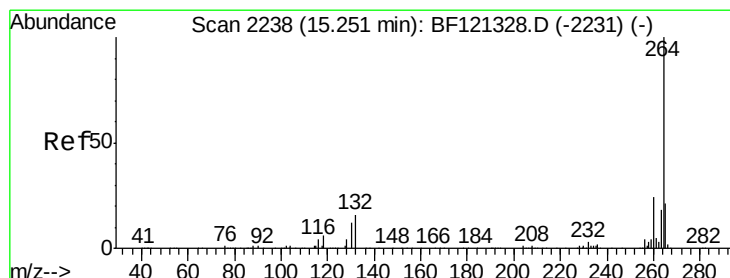
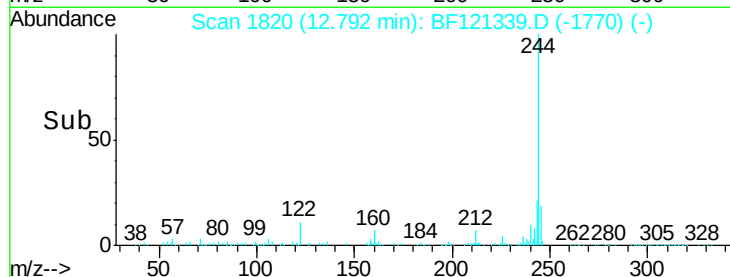
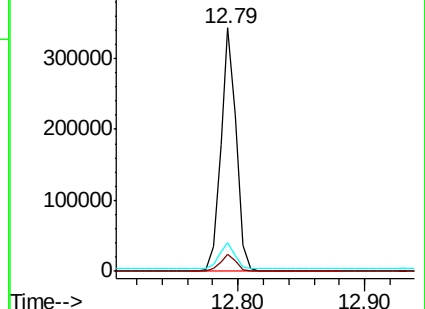
122 11.9 7.8 11.8#



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: 15.24 min Scan# 2237

Delta R.T. -0.01 min

Lab File: BF121339.D

Acq: 20 Aug 2020 11:08

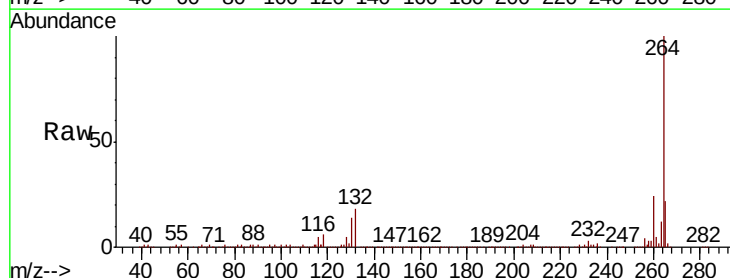
Tgt Ion:264 Resp: 446995

Ion Ratio Lower Upper

264 100

260 23.9 19.5 29.3

265 21.6 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

