

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082120\
 Data File : BF121373.D
 Acq On : 21 Aug 2020 18:14
 Operator : JU/CG
 Sample : L3719-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20200506-DISCRETE-004

Quant Time: Aug 21 19:26:05 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

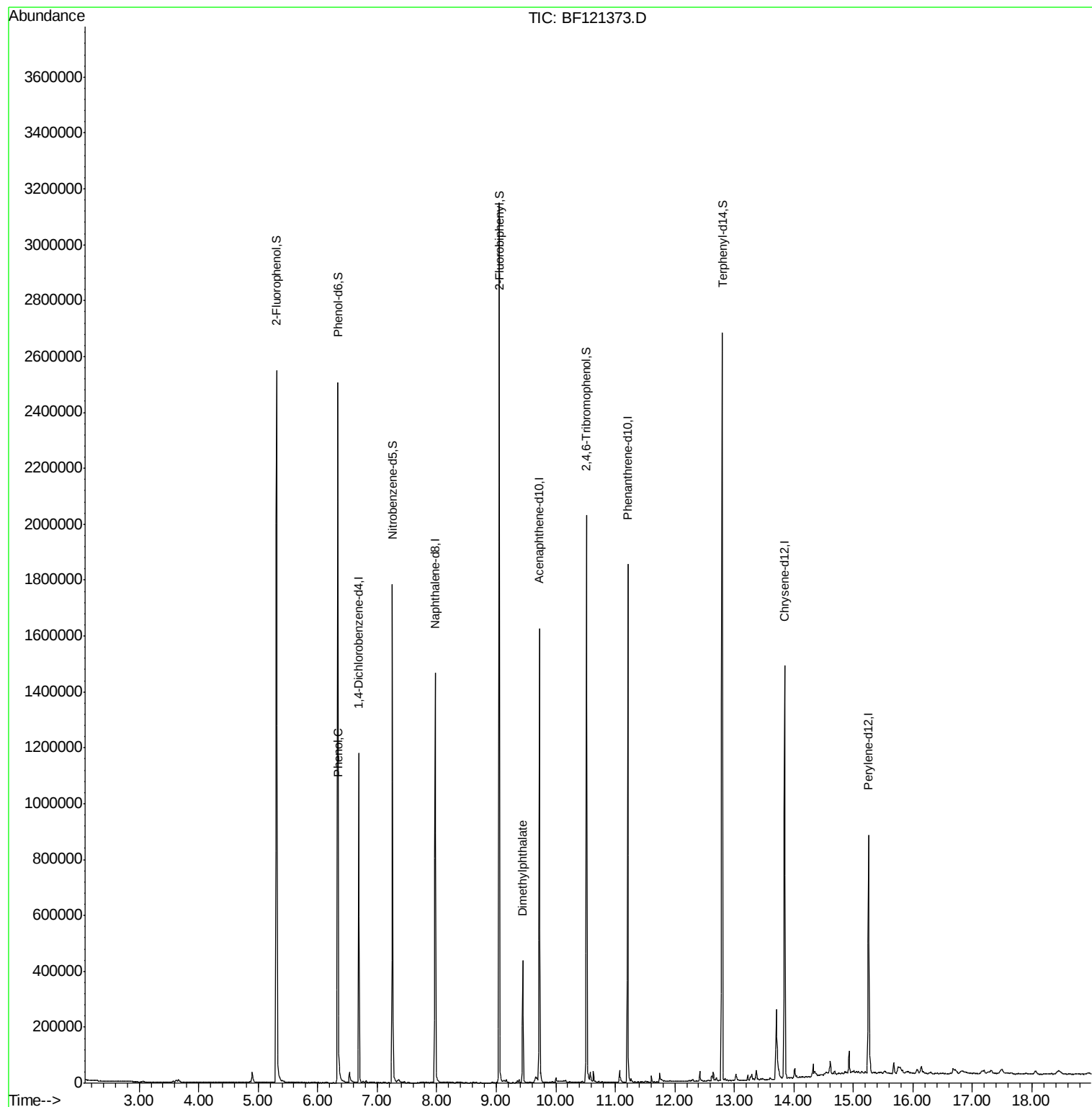
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	168983	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	669291	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	344463	20.00	ng	0.00
64) Phenanthrene-d10	11.21	188	650655	20.00	ng	0.00
76) Chrysene-d12	13.84	240	469258	20.00	ng	0.00
86) Perylene-d12	15.26	264	396999	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	794760	77.12	ng	0.01
7) Phenol-d6	6.34	99	965798	73.41	ng	0.00
23) Nitrobenzene-d5	7.26	82	643344	54.36	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	289652	72.16	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	1040327	53.13	ng	0.00
79) Terphenyl-d14	12.80	244	928595	38.67	ng	0.00
Target Compounds						
10) Phenol	6.35	94	36655	2.657	ng	77
50) Dimethylphthalate	9.45	163	162936	6.502	ng	99

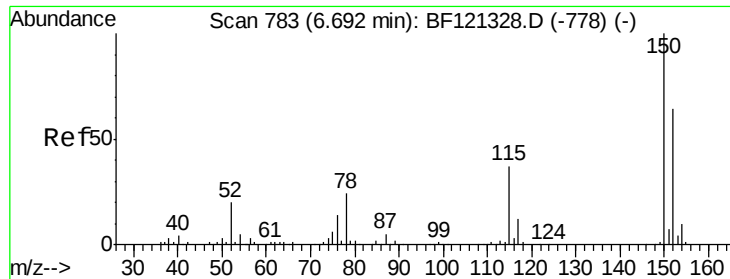
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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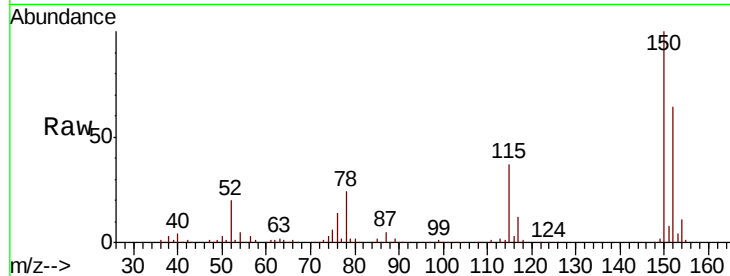


#1

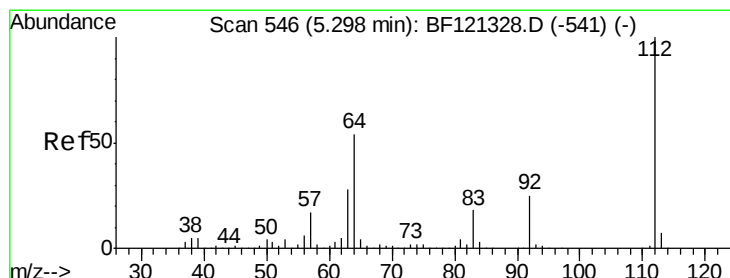
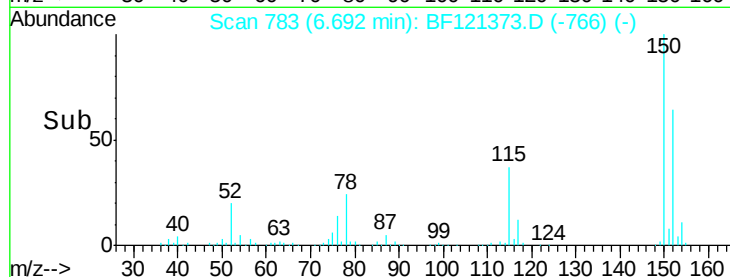
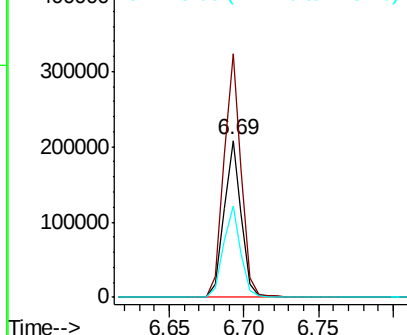
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. 0.00 min
Lab File: BF121373.D
Acq: 21 Aug 2020 18:14

Instrument :
BNA_F
ClientSampleId :
20200506-DISCRETE-004

Tot Ion:152 Resp: 168983
Ion Ratio Lower Upper
152 100
150 155.5 124.8 187.2
115 58.2 46.1 69.1



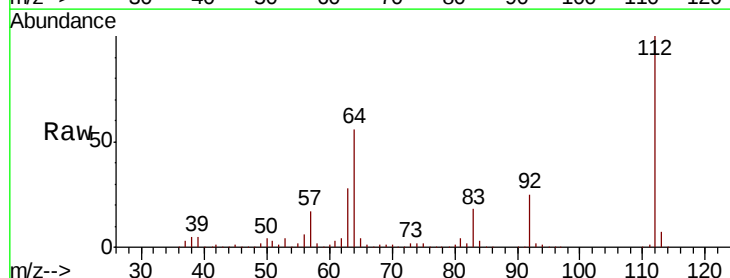
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



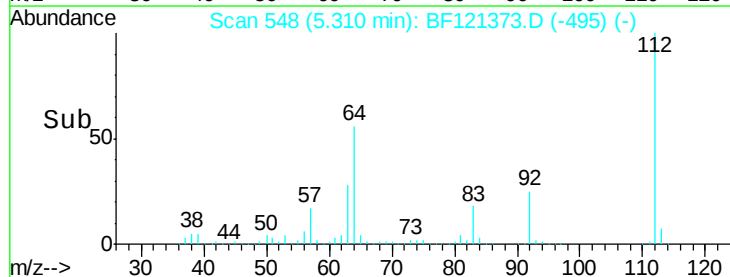
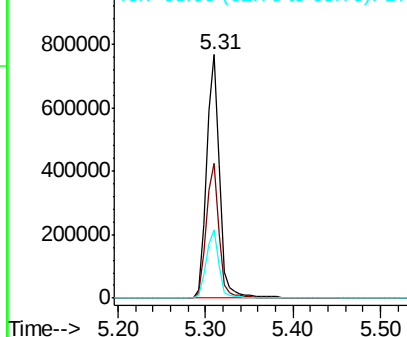
#5

2-Fluorophenol
Concen: 77.120 ng
RT: 5.31 min Scan# 548
Delta R.T. 0.01 min
Lab File: BF121373.D
Acq: 21 Aug 2020 18:14

Tgt Ion:112 Resp: 794760
Ion Ratio Lower Upper
112 100
64 55.6 43.5 65.3
63 27.9 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: 73.412 ng

RT: 6.34 min Scan# 723

Delta R.T. 0.00 min

Lab File: BF121373.D

Acq: 21 Aug 2020 18:14

Instrument :

BNA_F

ClientSampleId :

20200506-DISCRETE-004

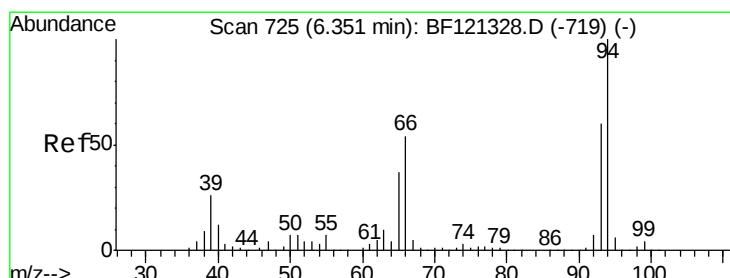
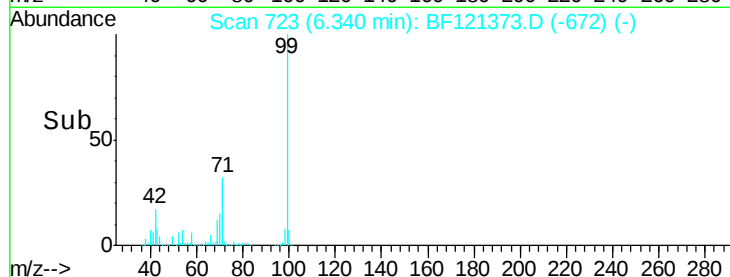
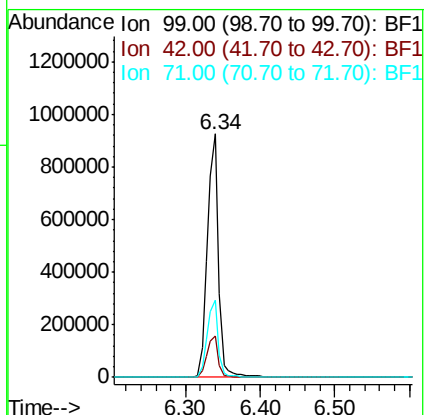
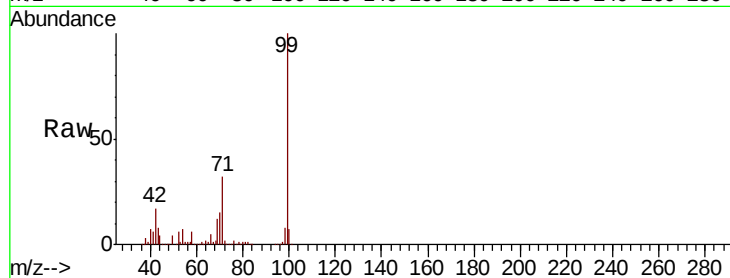
Tot Ion: 99 Resp: 965798

Ion Ratio Lower Upper

99 100

42 17.2 13.5 20.3

71 31.8 25.2 37.8



#10

Phenol

Concen: 2.657 ng

RT: 6.35 min Scan# 725

Delta R.T. 0.00 min

Lab File: BF121373.D

Acq: 21 Aug 2020 18:14

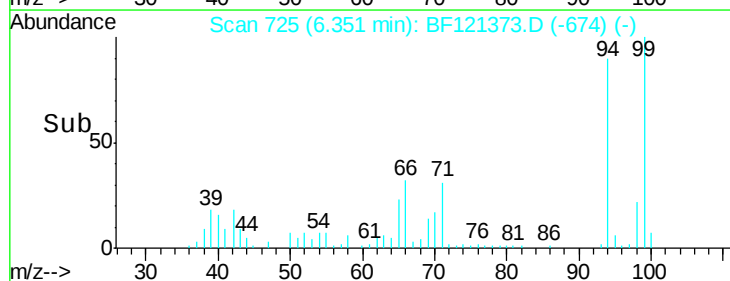
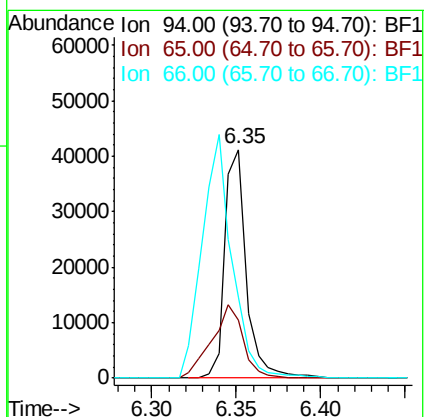
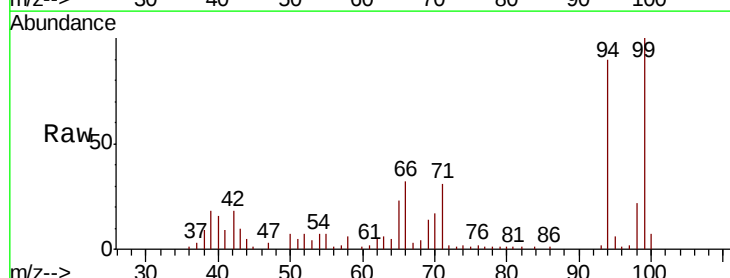
Tgt Ion: 94 Resp: 36655

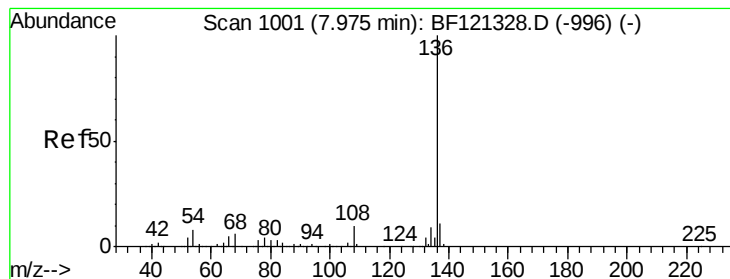
Ion Ratio Lower Upper

94 100

65 25.4 16.6 56.6

66 35.4 34.3 74.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.97 min Scan# 1001

Delta R.T. 0.00 min

Lab File: BF121373.D

Acq: 21 Aug 2020 18:14

Instrument :

BNA_F

ClientSampleId :

20200506-DISCRETE-004

Tot Ion:136 Resp: 669291

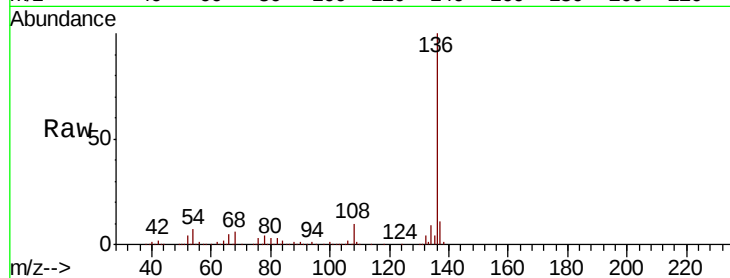
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 7.5 6.1 9.1

68 6.0 5.0 7.4

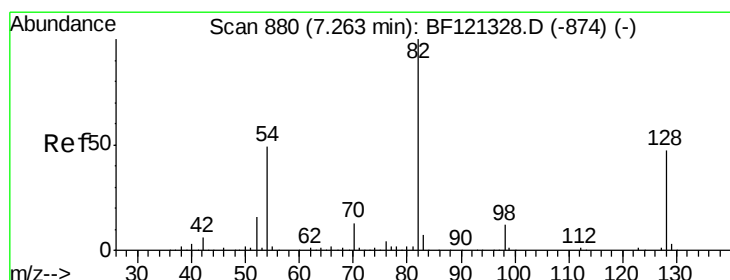
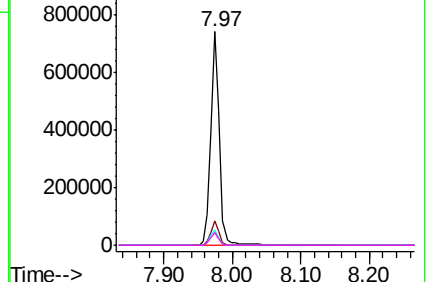
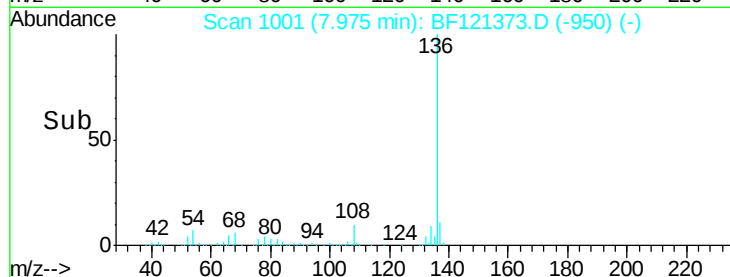


Abundance Ion 136.00 (135.70 to 136.70): E

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: 54.364 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.01 min

Lab File: BF121373.D

Acq: 21 Aug 2020 18:14

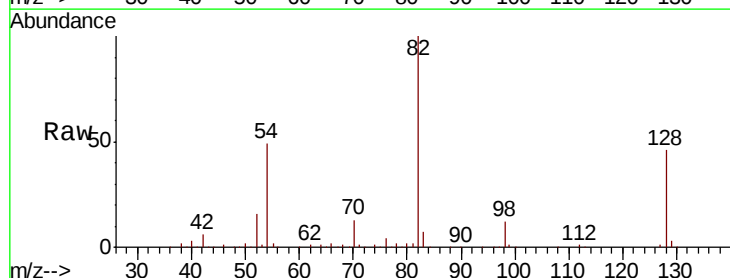
Tgt Ion: 82 Resp: 643344

Ion Ratio Lower Upper

82 100

128 45.7 37.9 56.9

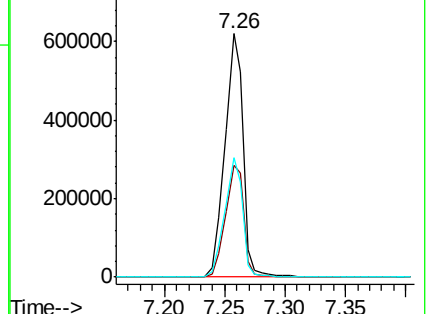
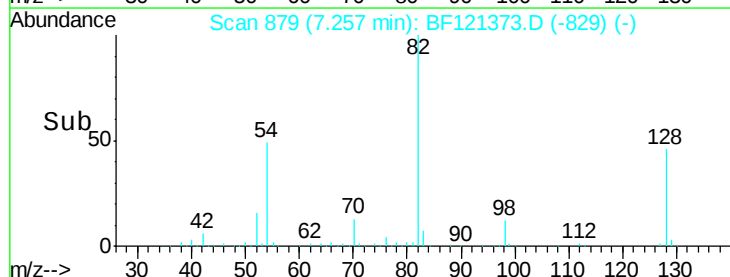
54 48.8 39.0 58.4

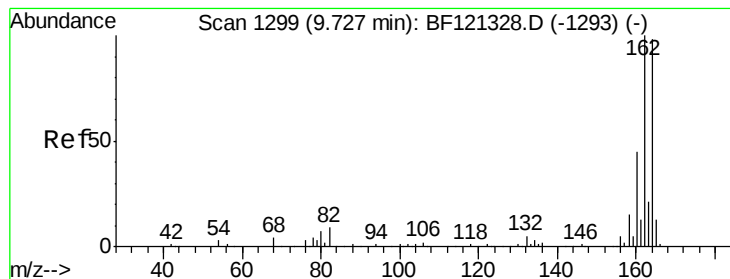


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.73 min Scan# 1299

Delta R.T. 0.00 min

Lab File: BF121373.D

Acq: 21 Aug 2020 18:14

Instrument :

BNA_F

ClientSampleId :

20200506-DISCRETE-004

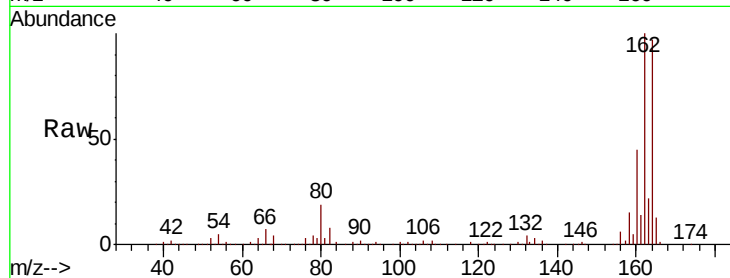
Tot Ion:164 Resp: 344463

Ion Ratio Lower Upper

164 100

162 102.7 81.7 122.5

160 46.3 37.0 55.4

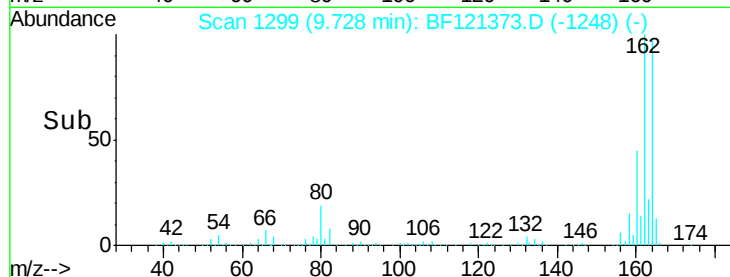


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

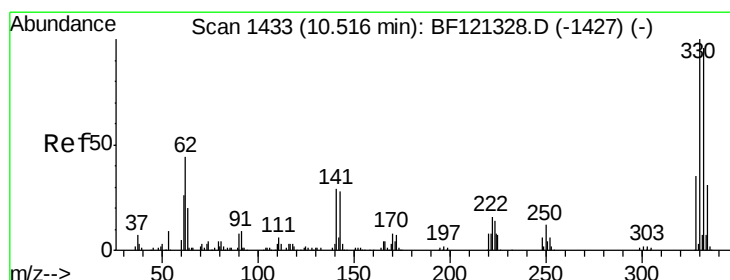
Ion 160.00 (159.70 to 160.70): E

Time--> 9.65 9.70 9.75 9.80



Abundance

Time-->



#42

2,4,6-Tribromophenol

Concen: 72.159 ng

RT: 10.52 min Scan# 1433

Delta R.T. 0.00 min

Lab File: BF121373.D

Acq: 21 Aug 2020 18:14

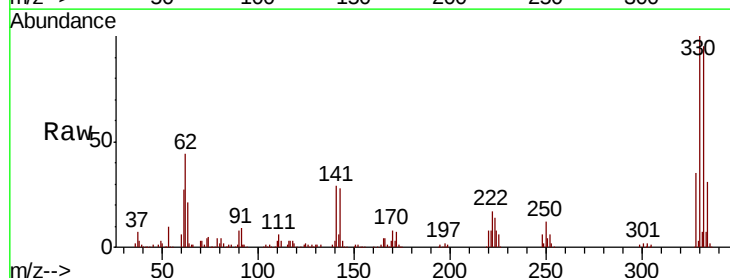
Tgt Ion:330 Resp: 289652

Ion Ratio Lower Upper

330 100

332 96.1 76.9 115.3

141 28.7 22.8 34.2

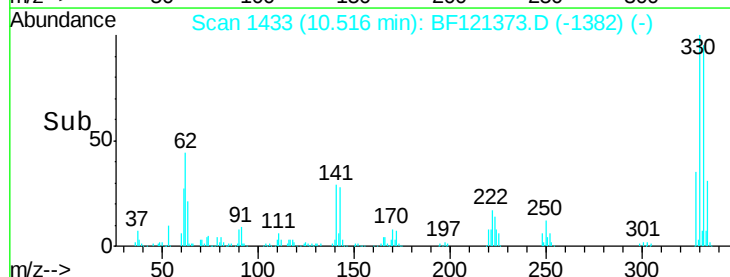


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

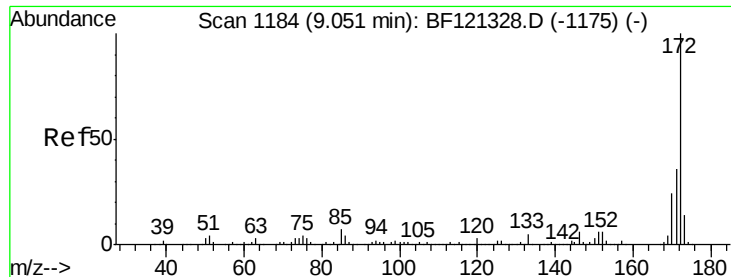
Ion 141.00 (140.70 to 141.70): E

Time--> 10.50 10.60



Abundance

Time-->

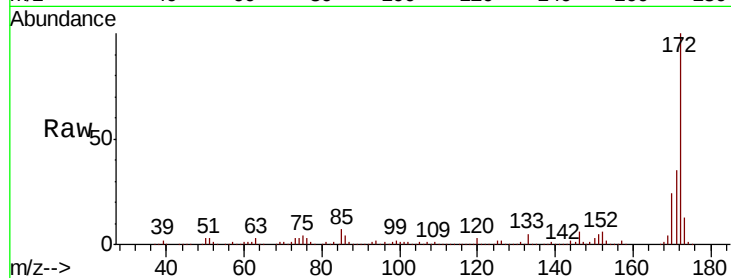


#45
 2-Fluorobiphenyl
 Concen: 53.131 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. 0.00 min
 Lab File: BF121373.D
 Acq: 21 Aug 2020 18:14

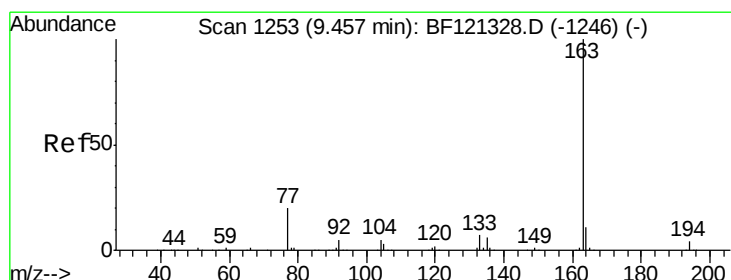
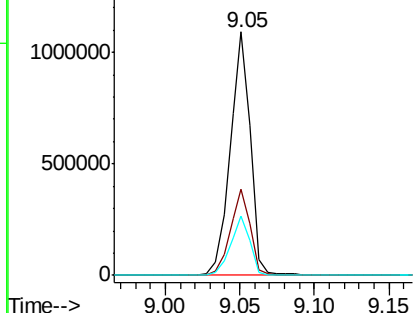
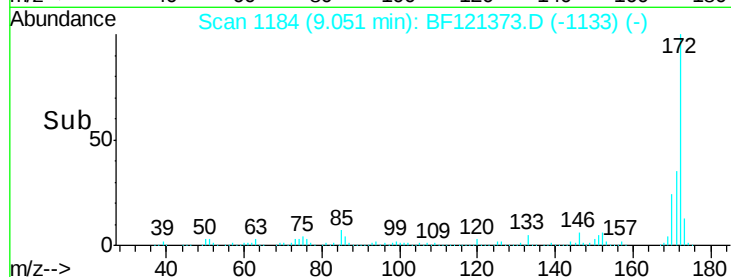
Instrument :
 BNA_F
 ClientSampleId :
 20200506-DISCRETE-004

Tot Ion:172 Resp: 1040327

Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.0	43.6
170	24.2	19.4	29.2



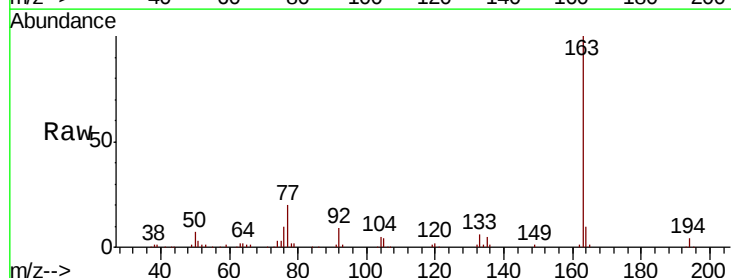
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



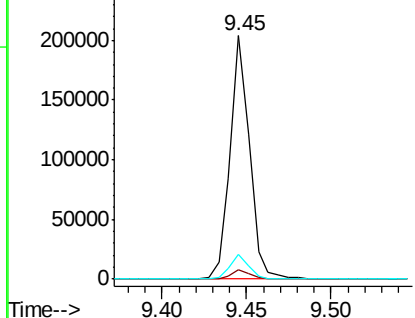
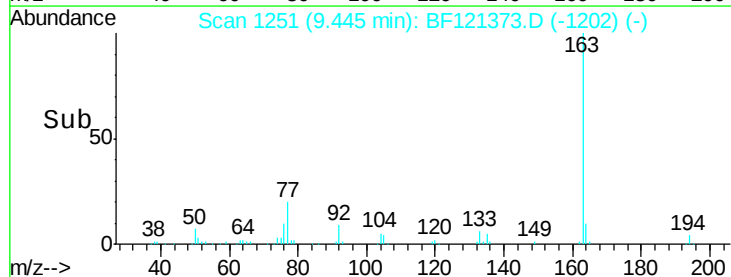
#50
 Dimethylphthalate
 Concen: 6.502 ng
 RT: 9.45 min Scan# 1251
 Delta R.T. -0.01 min
 Lab File: BF121373.D
 Acq: 21 Aug 2020 18:14

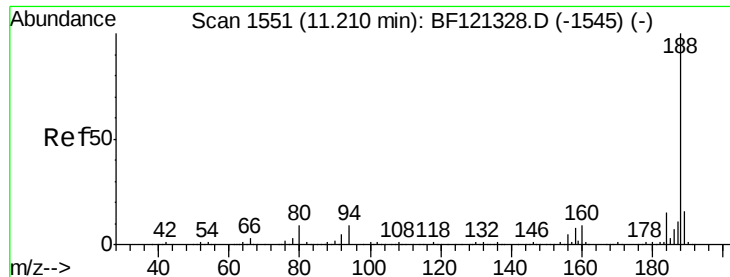
Tgt Ion:163 Resp: 162936

Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.0	4.6
164	10.1	8.4	12.6



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

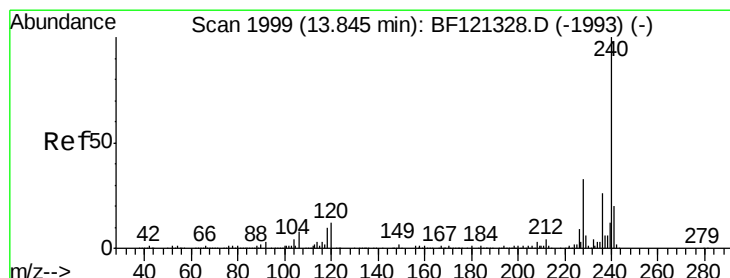
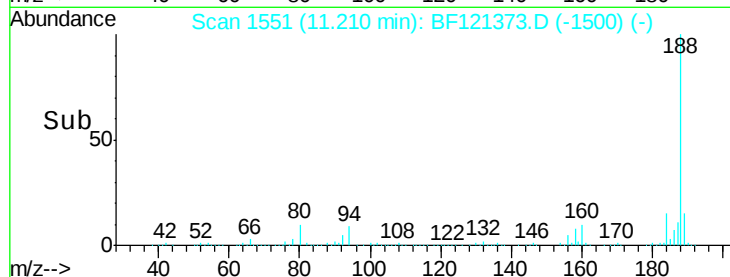
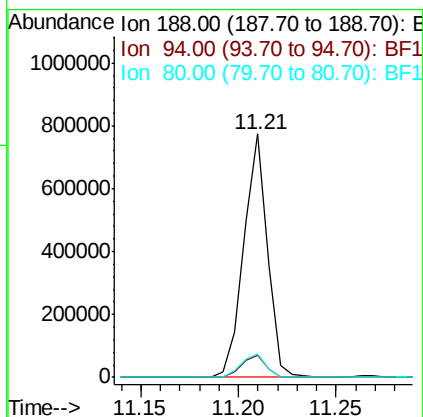
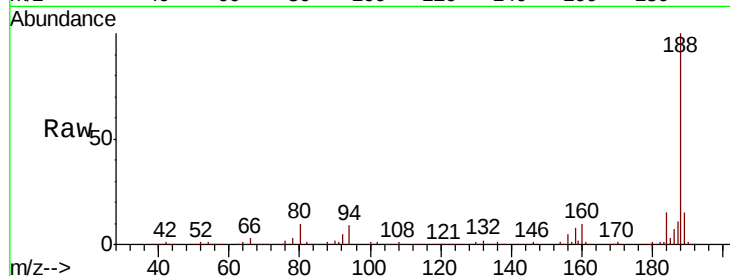




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. 0.00 min
Lab File: BF121373.D
Acq: 21 Aug 2020 18:14

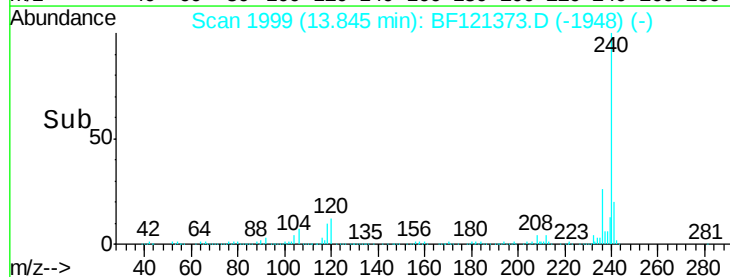
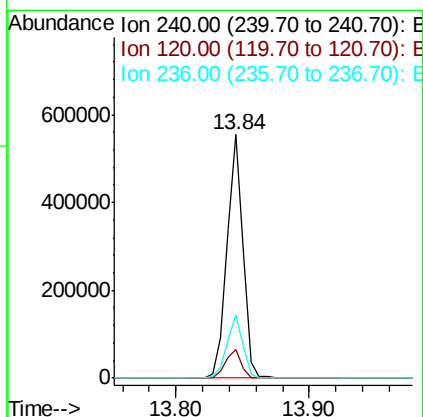
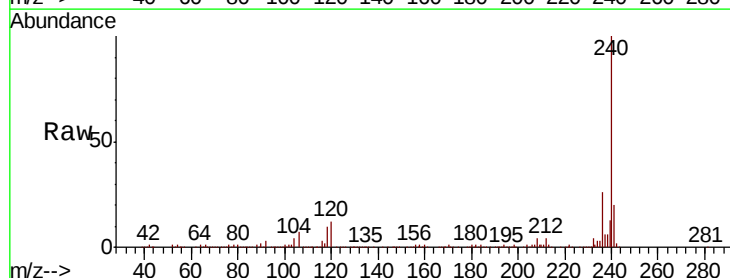
Instrument :
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20200506-DISCRETE-004

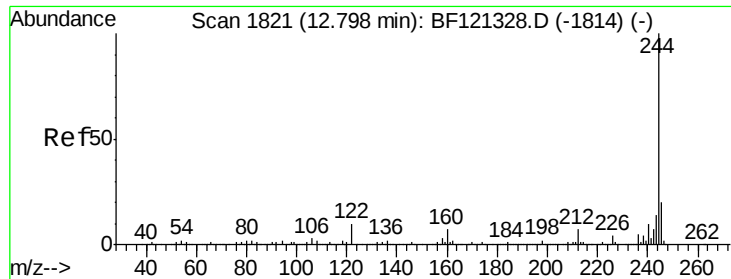
Tot Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.2	10.8
80	9.7	7.4	11.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1999
Delta R.T. 0.00 min
Lab File: BF121373.D
Acq: 21 Aug 2020 18:14

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.5	9.6	14.4
236	25.8	20.6	31.0





#79

Terphenyl-d14

Concen: 38.670 ng

RT: 12.80 min Scan# 1821

Delta R.T. 0.00 min

Lab File: BF121373.D

Acq: 21 Aug 2020 18:14

Instrument :

BNA_F

ClientSampleId :

20200506-DISCRETE-004

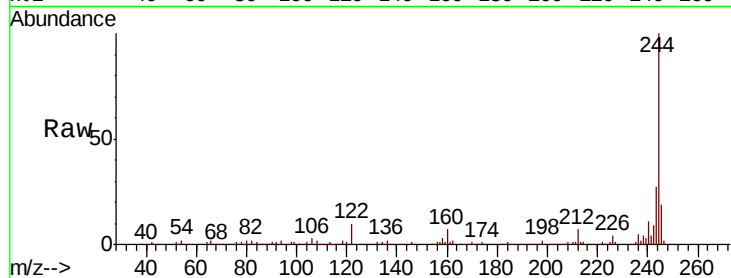
Tot Ion:244 Resp: 928595

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

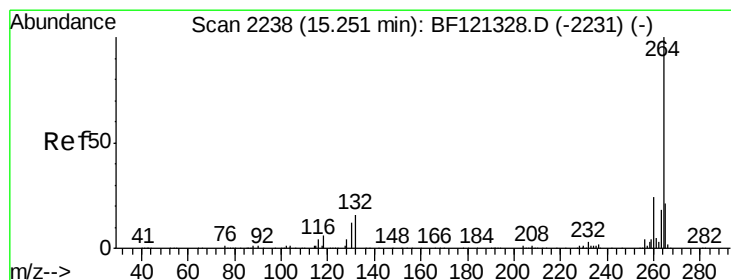
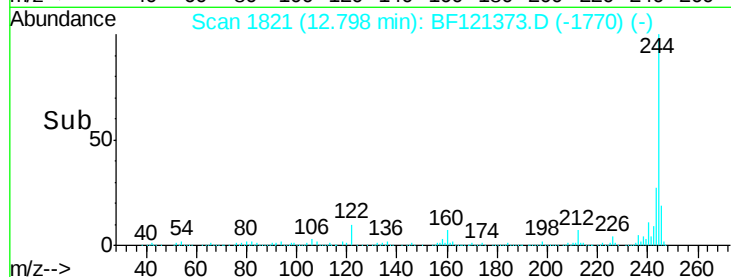
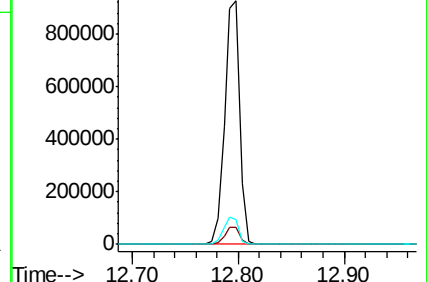
122 10.0 7.8 11.8



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: 15.26 min Scan# 2239

Delta R.T. 0.01 min

Lab File: BF121373.D

Acq: 21 Aug 2020 18:14

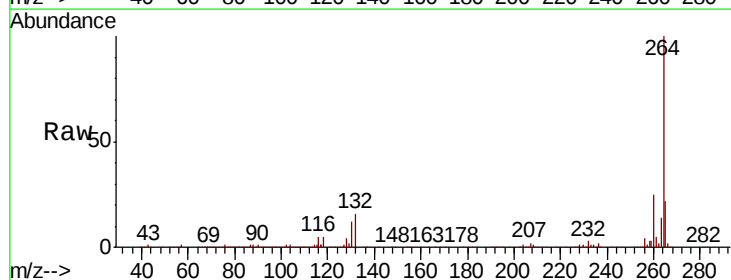
Tgt Ion:264 Resp: 396999

Ion Ratio Lower Upper

264 100

260 24.7 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

