

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 19:17:39 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

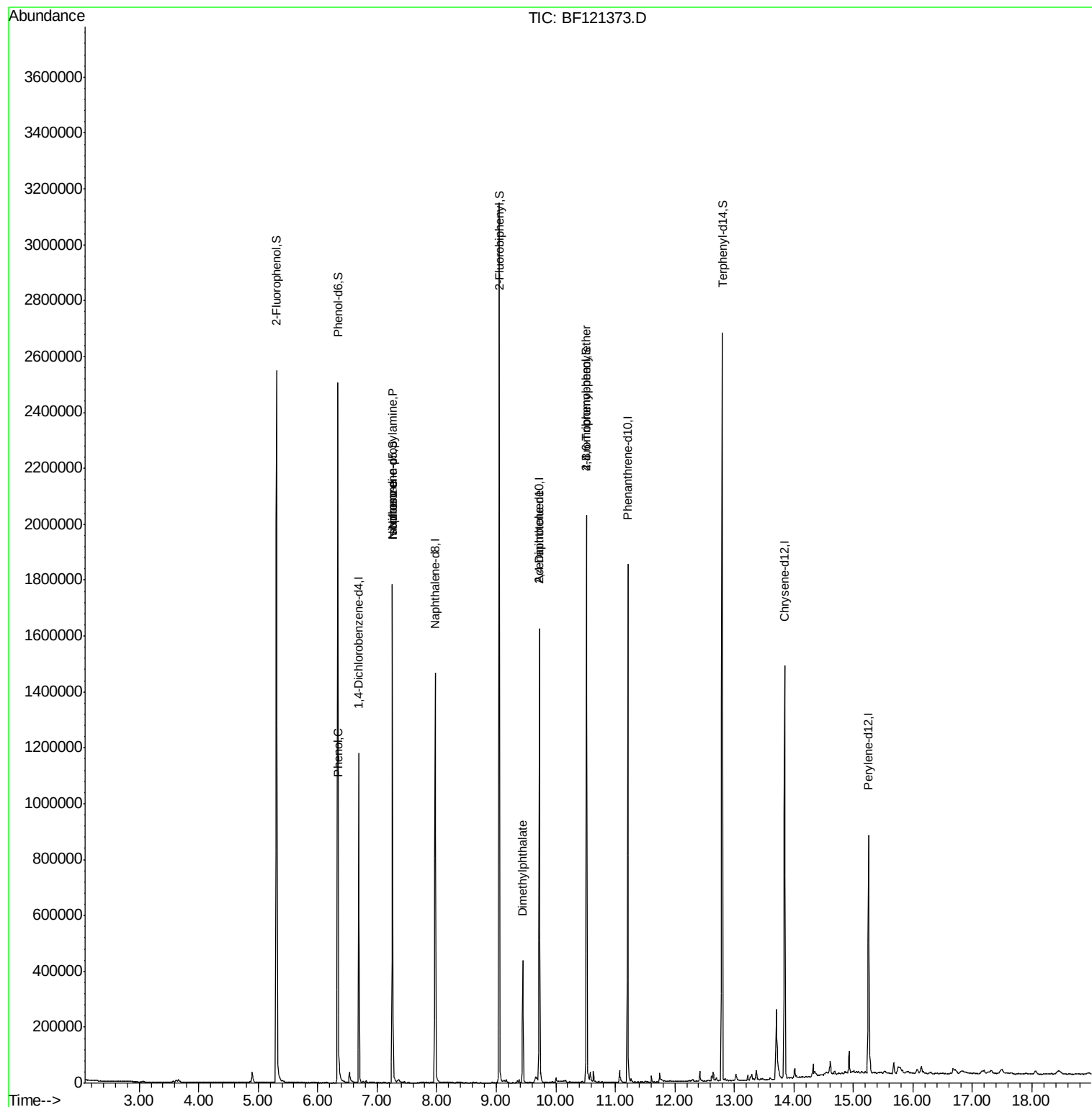
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	168983	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	669291	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	344463	20.00	ng	0.00
64) Phenanthrene-d10	11.21	188	650655	20.00	ng	0.00
76) Chrysene-d12	13.84	240	469258	20.00	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
19) n-Nitroso-di-n-propylamine	7.26	70	84618	11.959	ng	# 78
25) Isophorone	7.26	82	635612	29.514	ng	# 65
50) Dimethylphthalate	9.45	163	162936	6.502	ng	99
55) Dibenzofuran	9.93	168	268	Below Cal	#	46
57) 2,4-Dinitrotoluene	9.73	165	45368	6.948	ng	# 25
58) Fluorene	10.52	166	11175	Below Cal	#	89
67) 4-Bromophenyl-phenylether	10.52	248	16280	2.256	ng	# 1

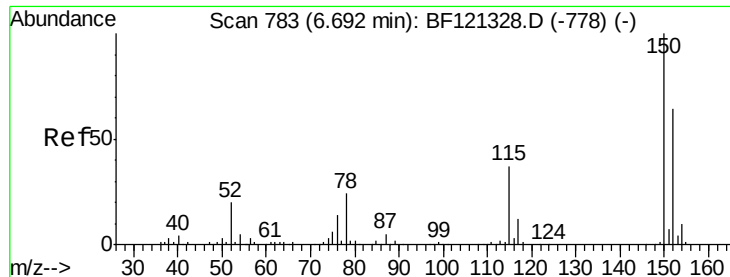
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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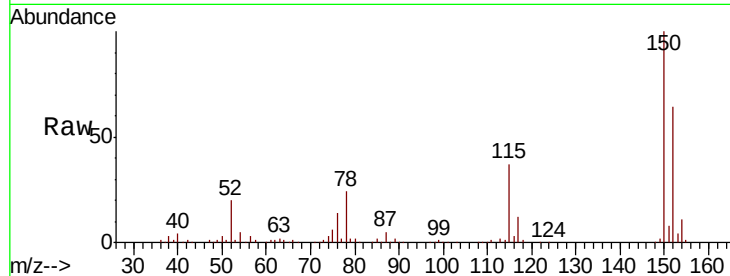


#1

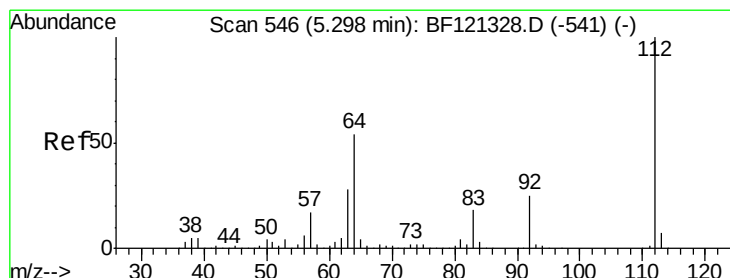
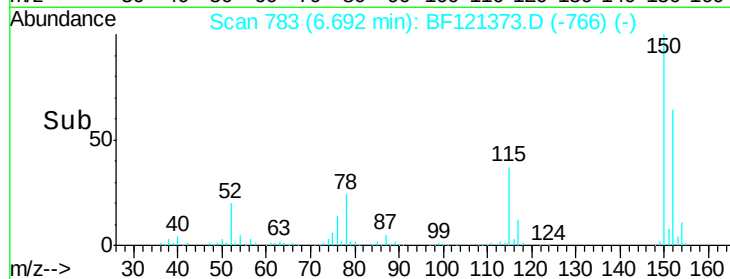
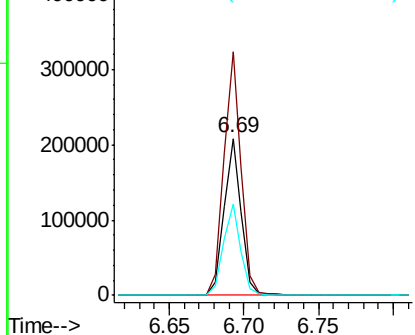
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. 0.00 min
Lab File: BF121373.D
Acq: 21 Aug 2020 18:14

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



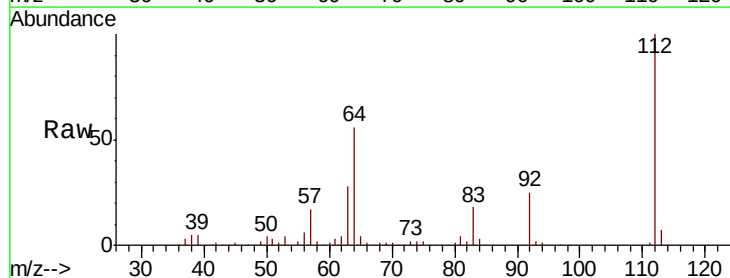
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



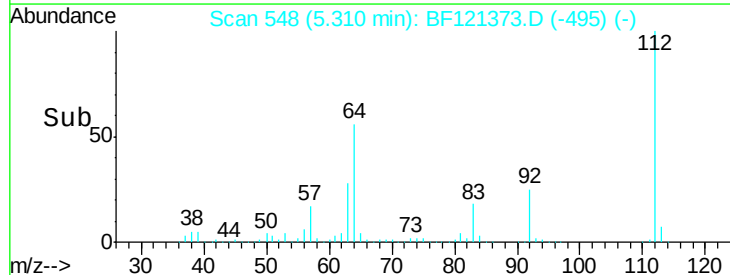
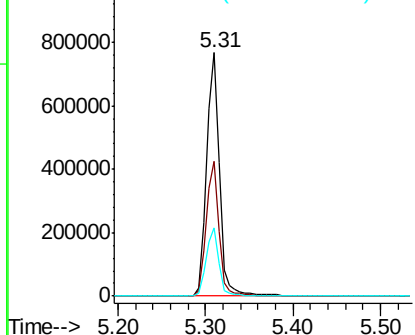
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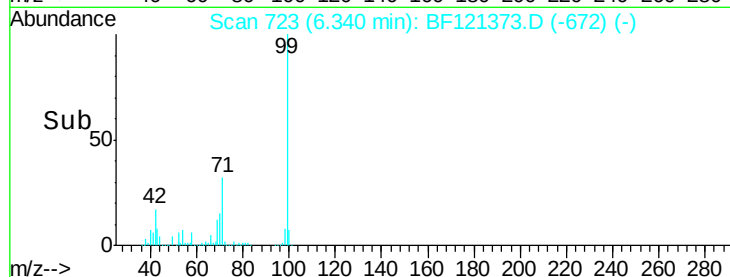
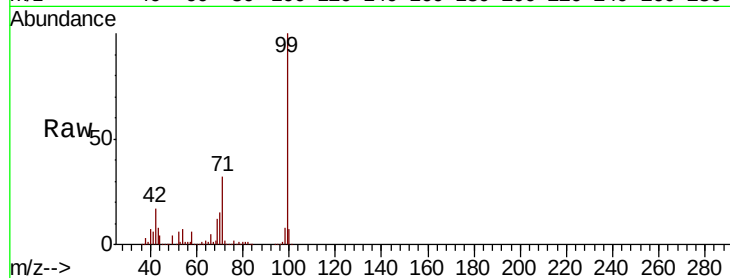
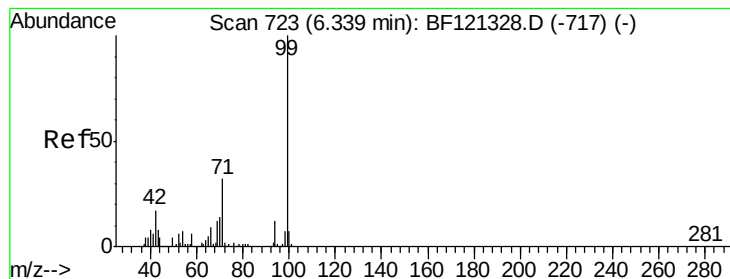
2-Fluorophenol
Concen: 77.120 ng
RT: 5.31 min Scan# 548
Delta R.T. 0.01 min
Lab File: BF121373.D
Acq: 21 Aug 2020 18:14

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

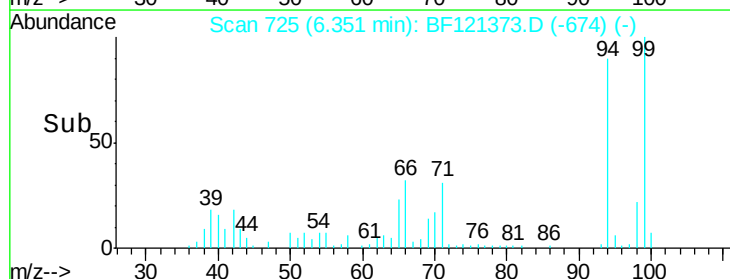
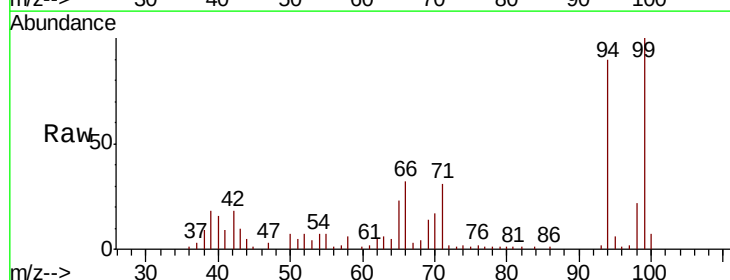
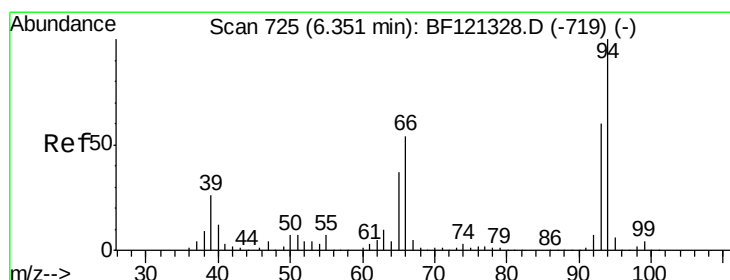
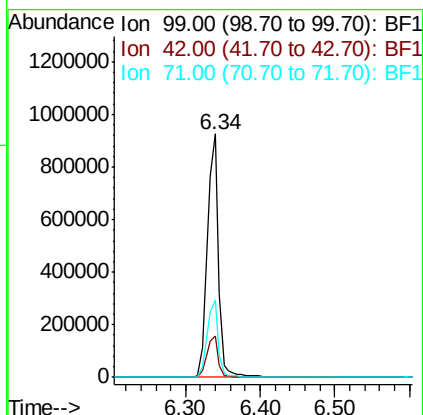
Tot Ion: 99 Resp: 965798

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

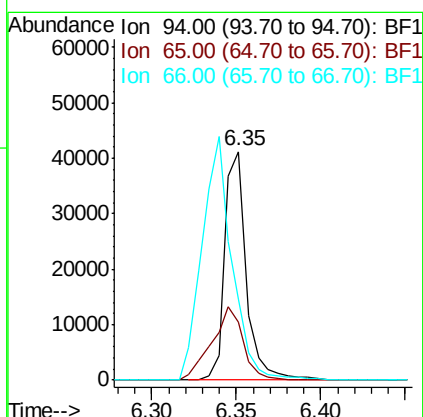
Tgt Ion: 94 Resp: 36655

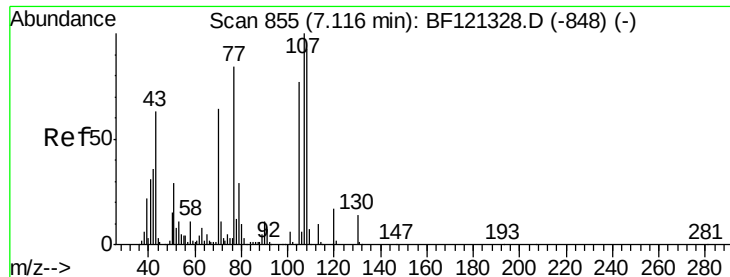
Ion Ratio Lower Upper

94 100

65 25.4 16.6 56.6

66 35.4 34.3 74.3

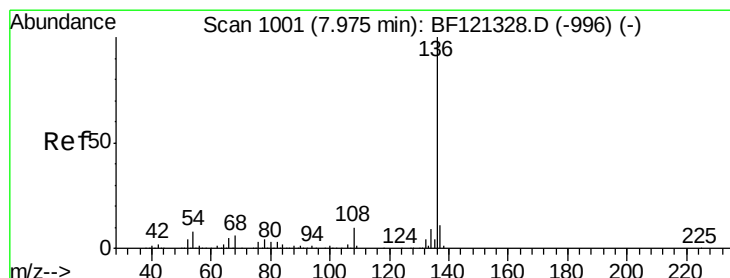
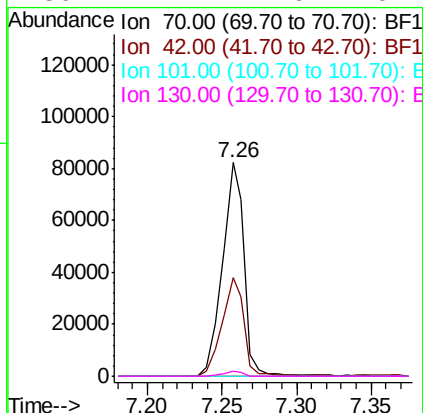
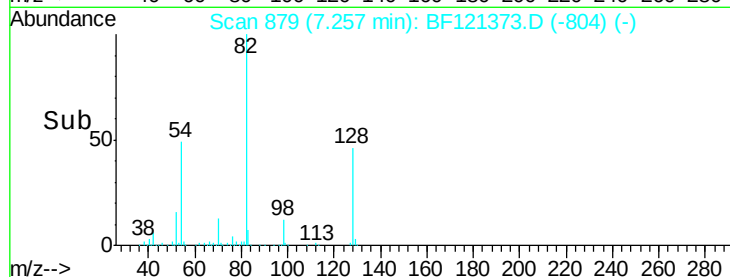
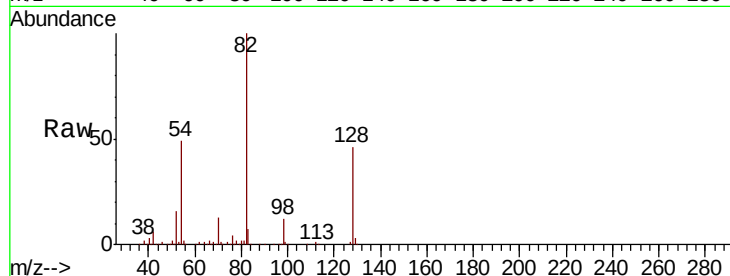




#19
n-Nitroso-di-n-propylamine
Concen: 11.959 ng
RT: 7.26 min Scan# 879
Delta R.T. 0.14 min
Lab File: BF121373.D
Acq: 21 Aug 2020 18:14

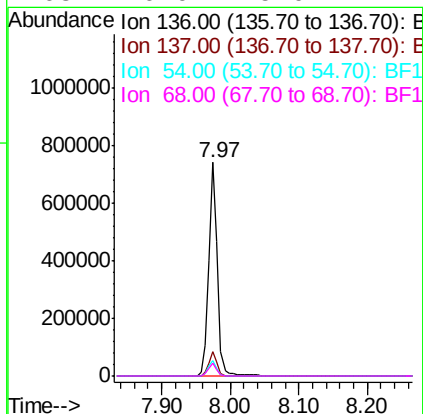
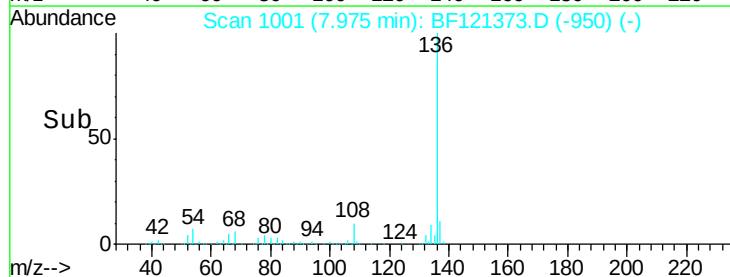
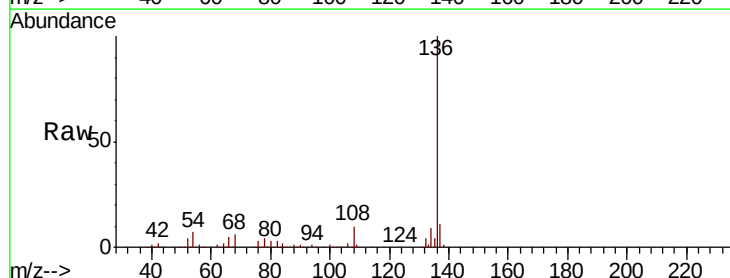
Instrument :
BNA_F
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20200506-DISCRETE-004

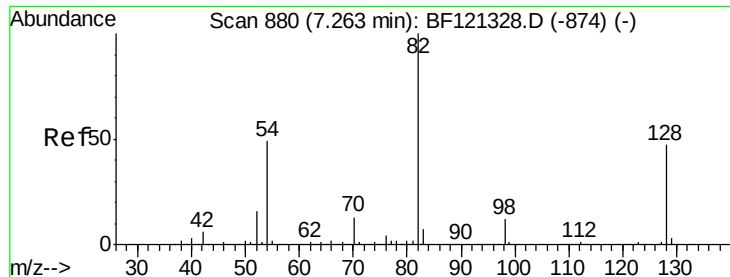
Tot Ion: 70 Resp: 84618
Ion Ratio Lower Upper
70 100
42 46.2 45.2 67.8
101 0.0 7.7 11.5#
130 2.1 17.6 26.4#



#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

Tgt 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

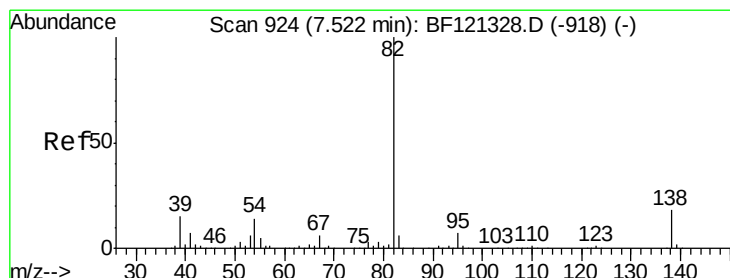
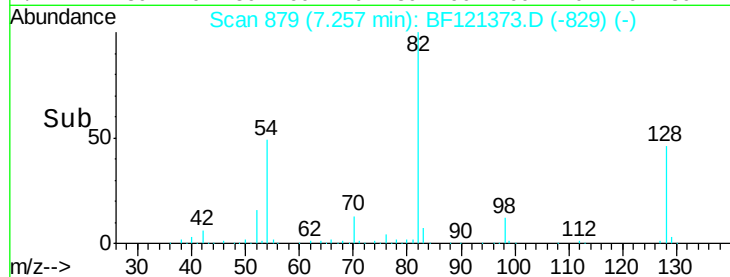
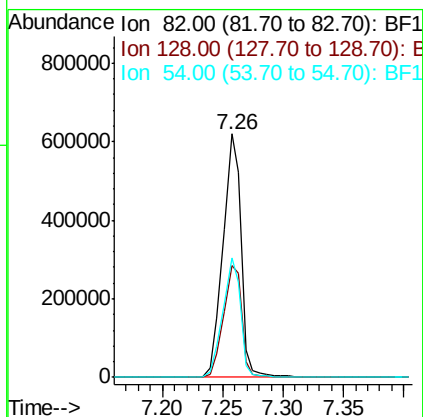
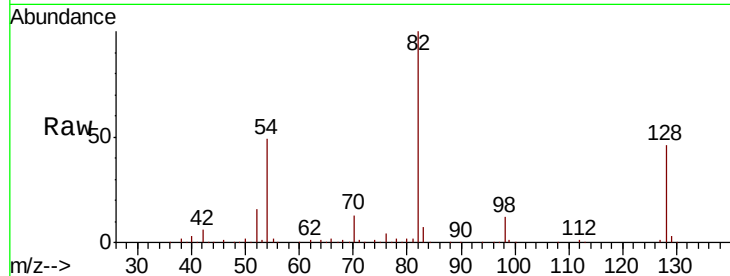




#23
 Nitrobenzene-d5
 Concen: 54.364 ng
 RT: 7.26 min Scan# 879
 Delta R.T. -0.01 min
 Lab File: BF121373.D
 Acq: 21 Aug 2020 18:14

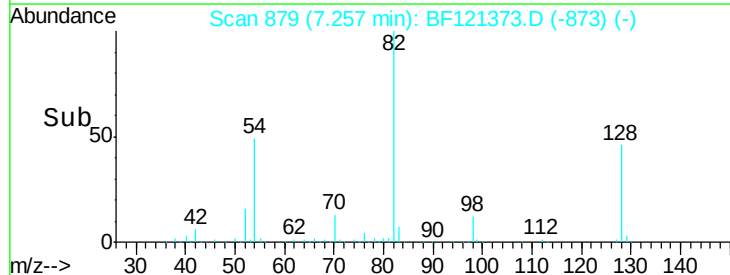
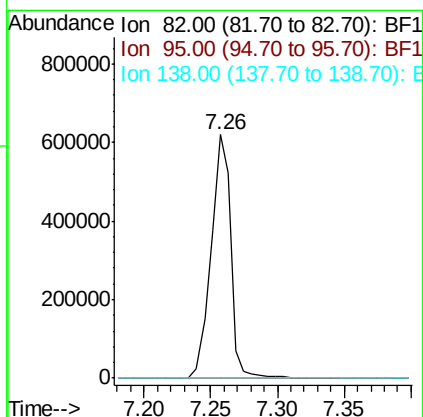
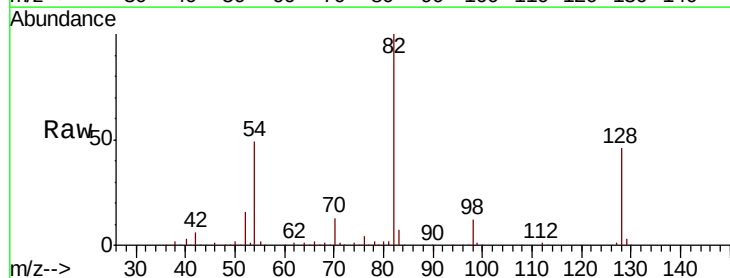
Instrument :
 BNA_F
 ClientSampleId :
 20200506-DISCRETE-004

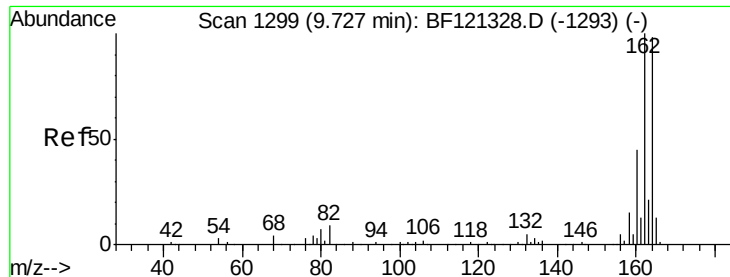
Tot Ion	82	Resp	643344
Ion Ratio	Lower	Upper	
82	100		
128	45.7	37.9	56.9
54	48.8	39.0	58.4



#25
 Isophorone
 Concen: 29.514 ng
 RT: 7.26 min Scan# 879
 Delta R.T. -0.26 min
 Lab File: BF121373.D
 Acq: 21 Aug 2020 18:14

Tgt Ion	82	Resp	635612
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.3	7.9#
138	0.0	14.6	21.8#

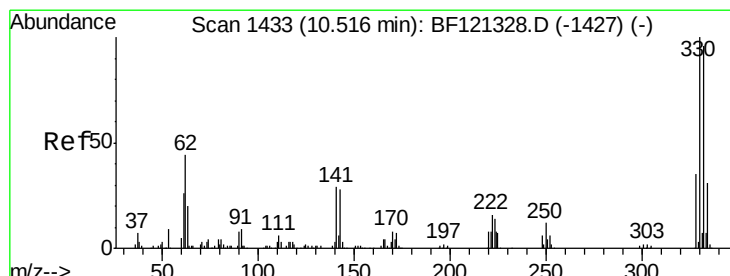
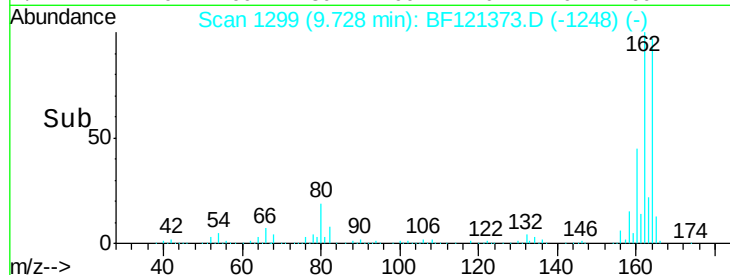
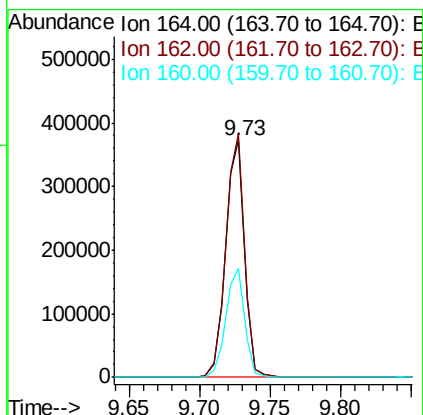
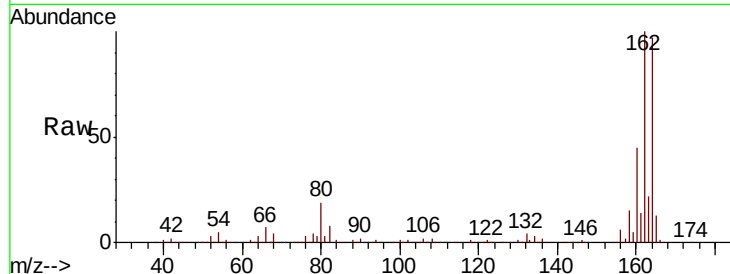




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.73 min Scan# 1299
 Delta R.T. 0.00 min
 Lab File: BF121373.D
 Acq: 21 Aug 2020 18:14

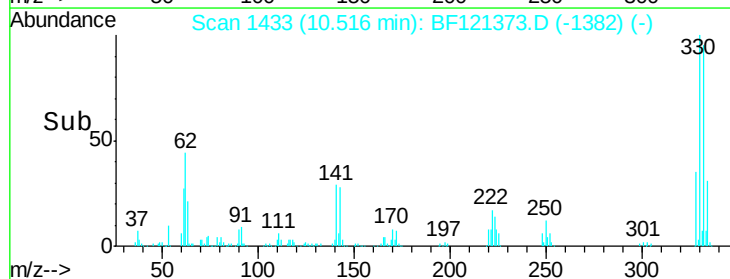
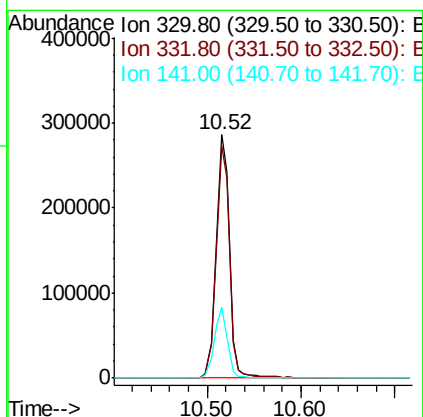
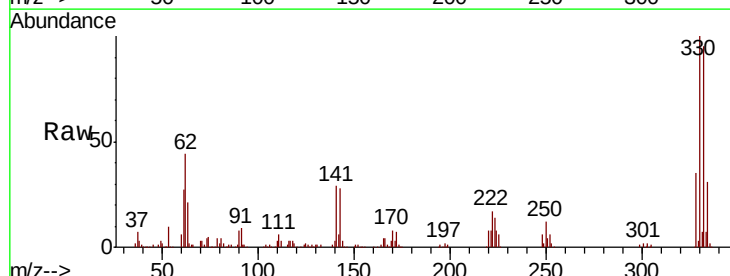
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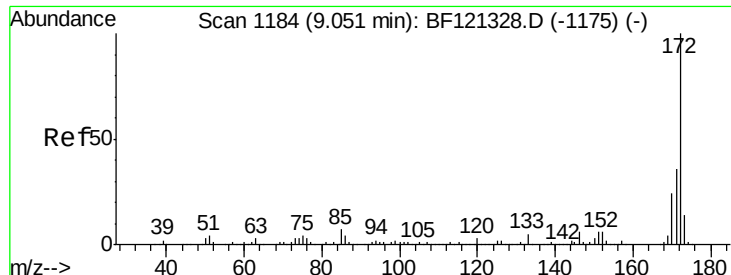
Tot Ion	Ratio	Lower	Upper
164	100		
162	102.7	81.7	122.5
160	46.3	37.0	55.4



#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	Ratio	Lower	Upper
330	100		
332	96.1	76.9	115.3
141	28.7	22.8	34.2



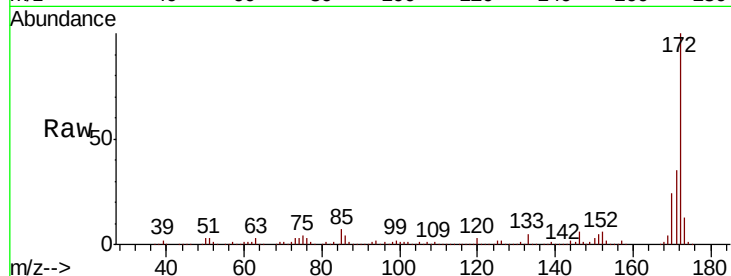


#45
 2-Fluorobiphenyl
 Concen: 53.131 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. 0.00 min
 Lab File: BF121373.D
 Acq: 21 Aug 2020 18:14

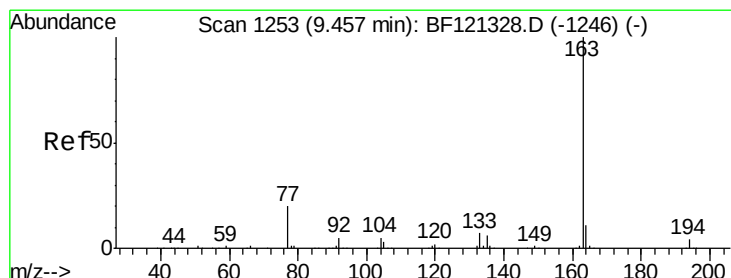
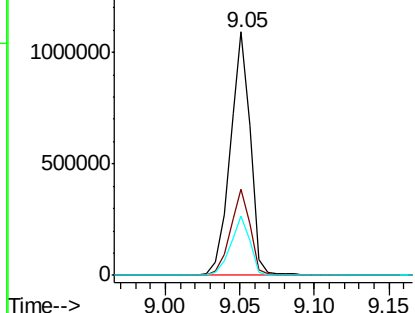
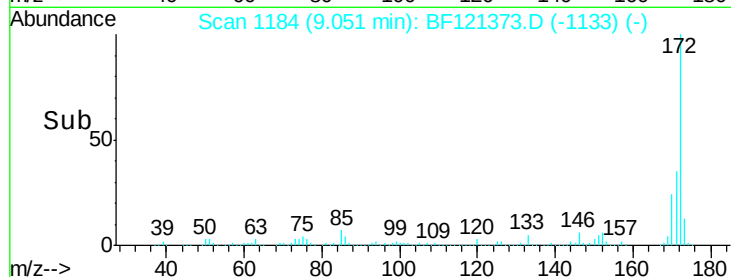
Instrument :
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 ClientSampleId :
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Tot Ion:172 Resp: 1040327

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



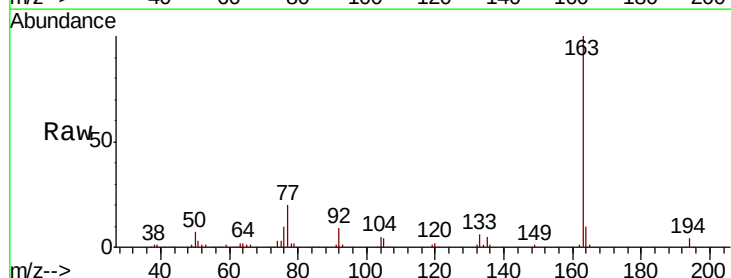
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



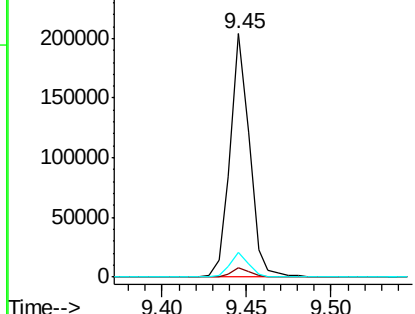
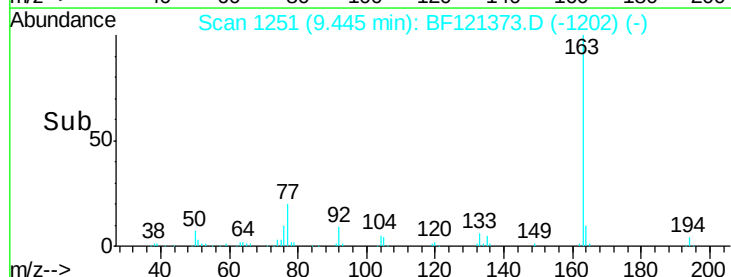
#50
 Dimethylphthalate
 Concen: 6.502 ng
 RT: 9.45 min Scan# 1251
 Delta R.T. -0.01 min
 Lab File: BF121373.D
 Acq: 21 Aug 2020 18:14

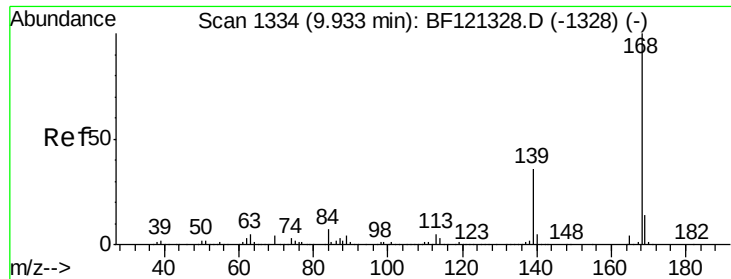
Tgt Ion:163 Resp: 162936

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

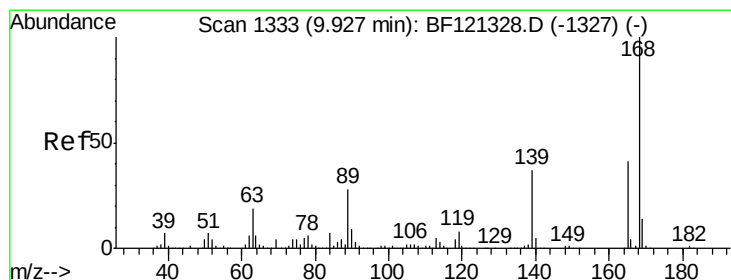
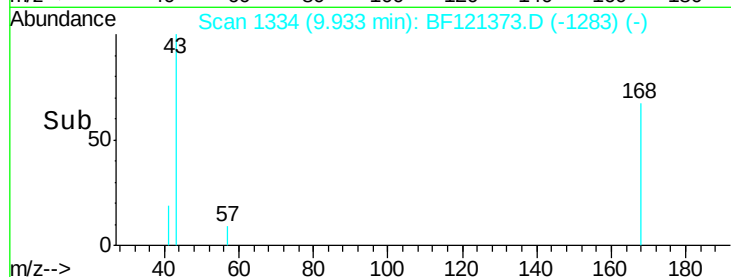
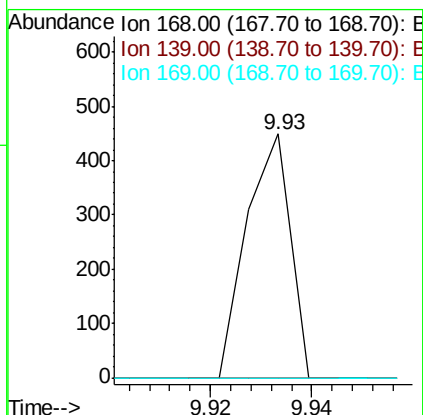
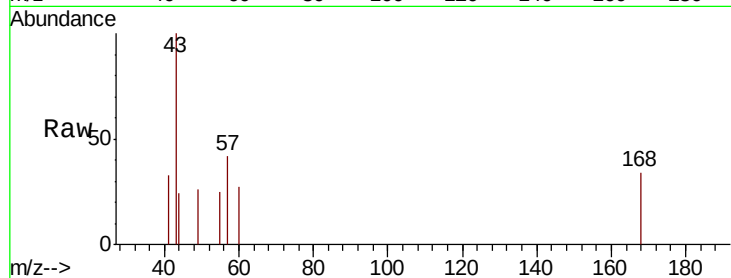




#55
Dibenzofuran
Concen: Below Cal
RT: 9.93 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BF121373.D
Acq: 21 Aug 2020 18:14

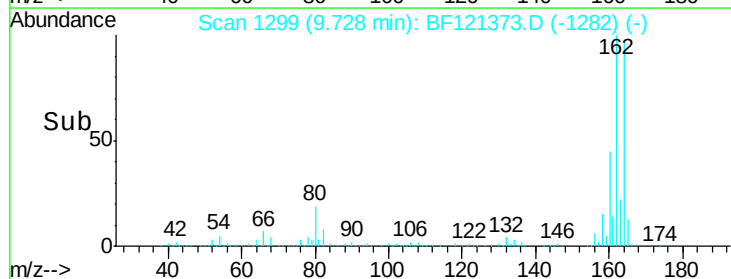
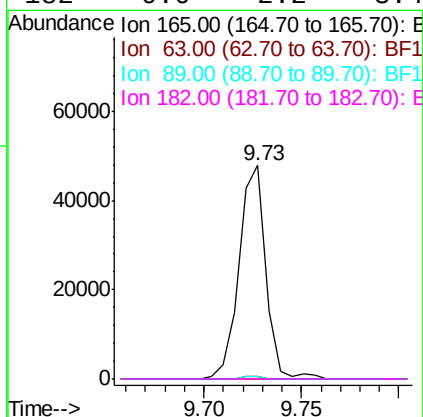
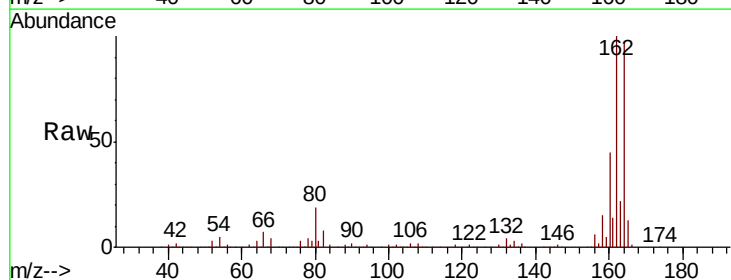
Instrument :
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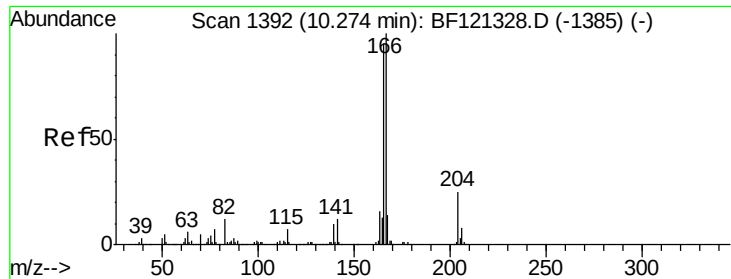
Tot Ion	Ratio	Lower	Upper
168	100		
139	0.0	29.1	43.7#
169	0.0	11.0	16.6#



#57
2,4-Dinitrotoluene
Concen: 6.948 ng
RT: 9.73 min Scan# 1299
Delta R.T. -0.20 min
Lab File: BF121373.D
Acq: 21 Aug 2020 18:14

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	37.5	56.3#
89	1.3	54.2	81.4#
182	0.0	2.2	3.4#

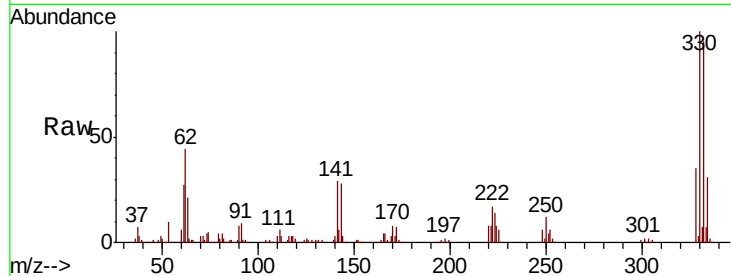




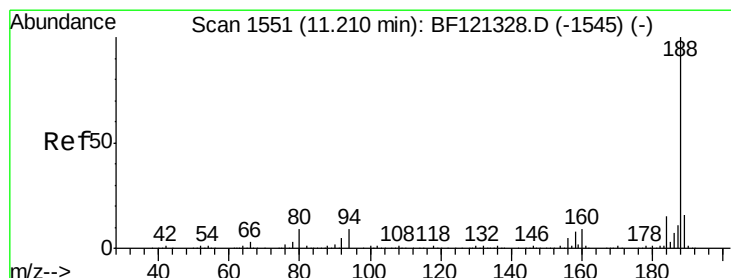
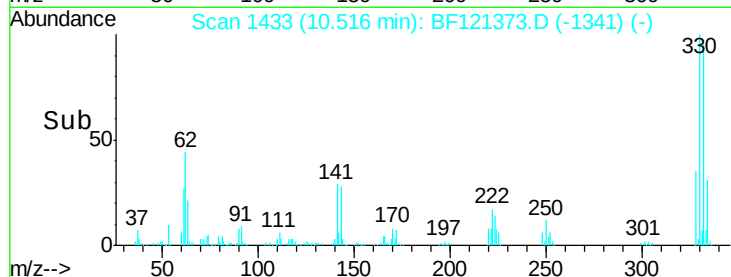
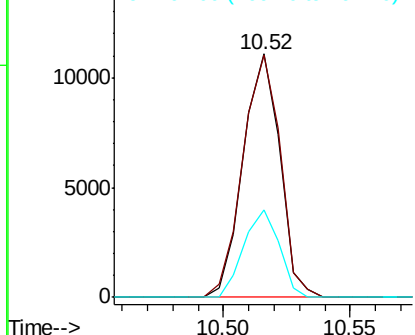
#58
 Fluorene
 Concen: Below Cal
 RT: 10.52 min Scan# 1433
 Delta R.T. 0.24 min
 Lab File: BF121373.D
 Acq: 21 Aug 2020 18:14

Instrument :
 BNA_F
 ClientSampleId :
 20200506-DISCRETE-004

Tot Ion:166 Resp: 11175
 Ion Ratio Lower Upper
 166 100
 165 99.7 75.8 113.8
 167 36.0 11.0 16.4#

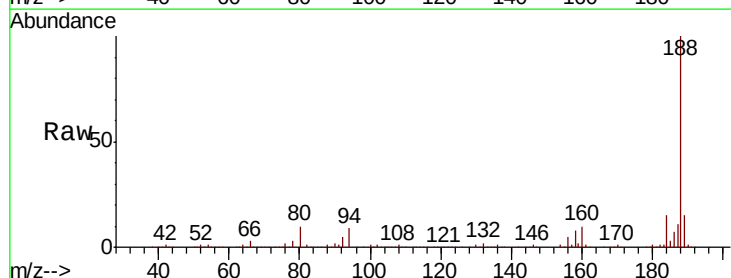


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

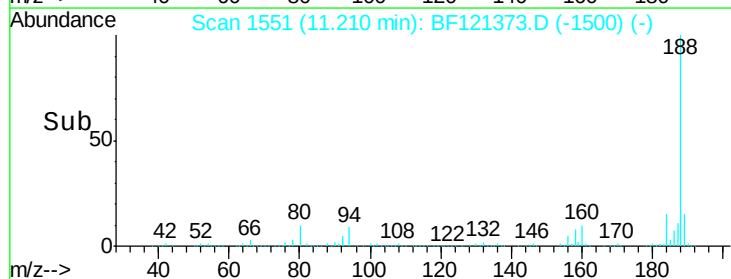
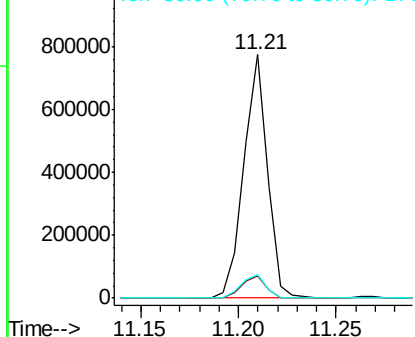


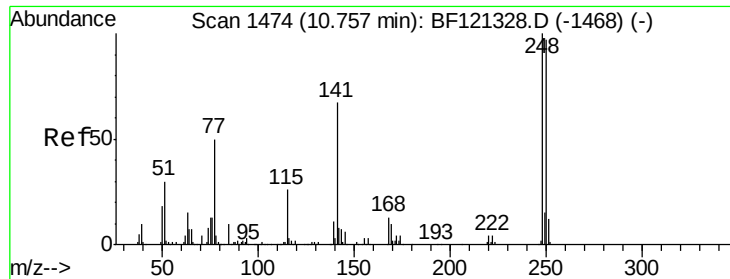
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. 0.00 min
 Lab File: BF121373.D
 Acq: 21 Aug 2020 18:14

Tgt Ion:188 Resp: 650655
 Ion Ratio Lower Upper
 188 100
 94 9.3 7.2 10.8
 80 9.7 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

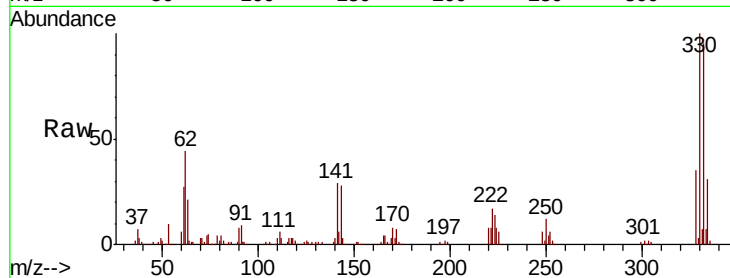




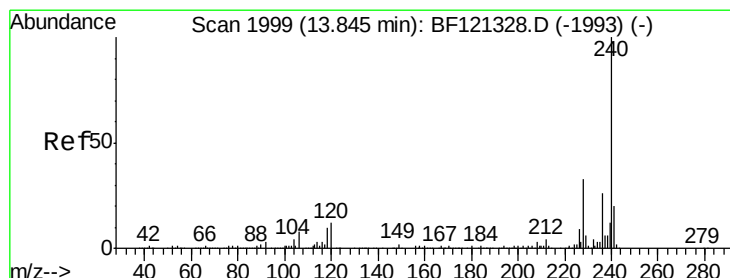
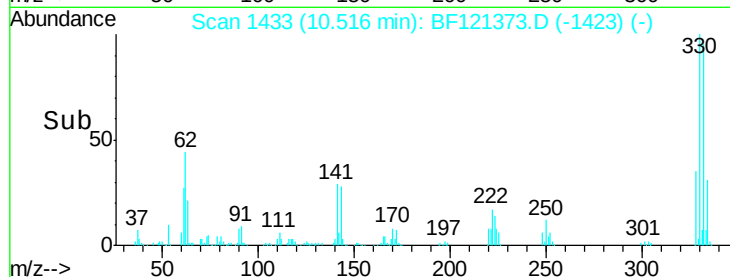
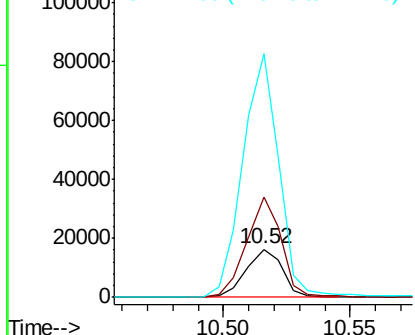
#67
4-Bromophenyl-phenylether
Concen: 2.256 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.24 min
Lab File: BF121373.D
Acq: 21 Aug 2020 18:14

Instrument :
BNA_F
ClientSampleId :
20200506-DISCRETE-004

Tot Ion:248 Resp: 16280
Ion Ratio Lower Upper
248 100
250 207.9 77.9 116.9#
141 507.4 53.5 80.3#

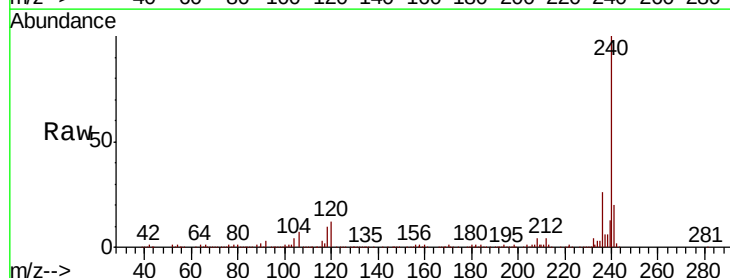


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

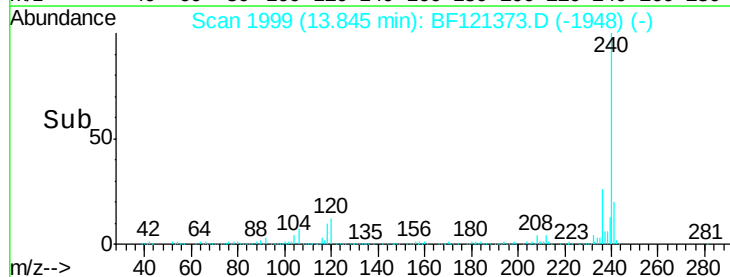
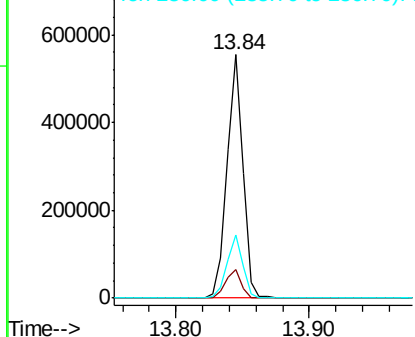


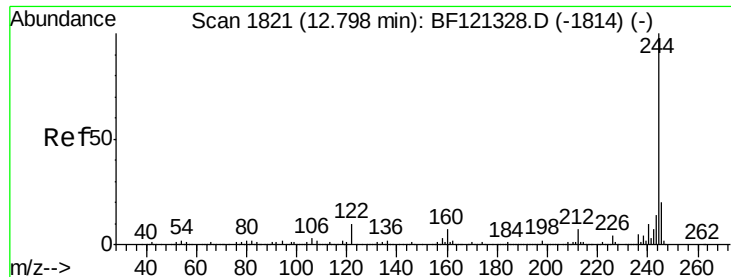
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1999
Delta R.T. 0.00 min
Lab File: BF121373.D
Acq: 21 Aug 2020 18:14

Tgt Ion:240 Resp: 469258
Ion Ratio Lower Upper
240 100
120 11.5 9.6 14.4
236 25.8 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: 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

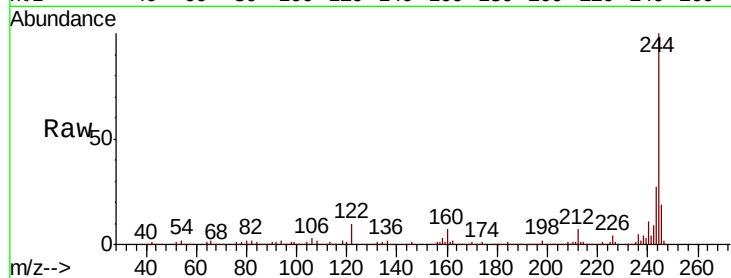
Tot Ion:244 Resp: 928595

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

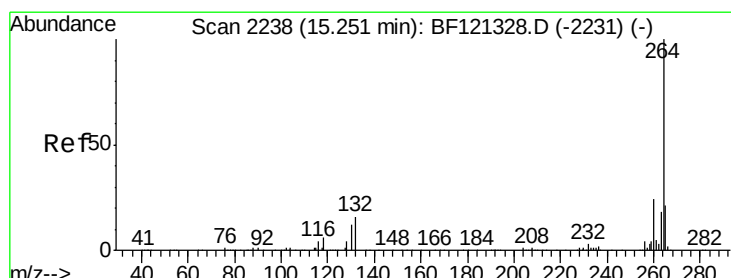
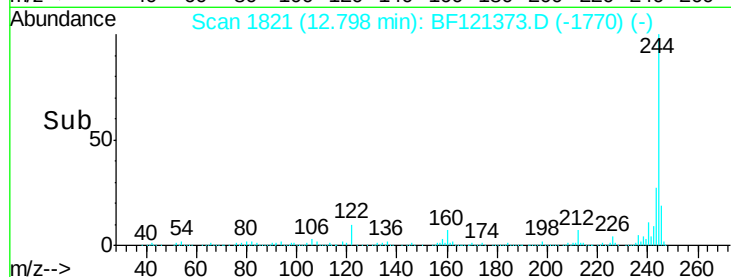
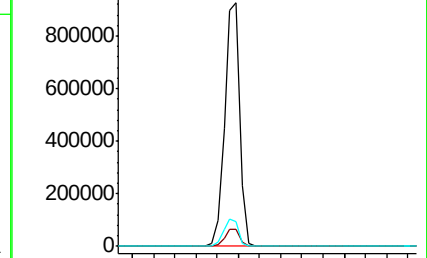
122 10.0 7.8 11.8



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

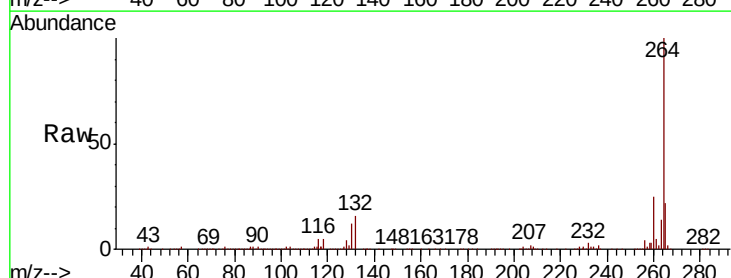
Tgt Ion:264 Resp: 396999

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

