

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082520\
 Data File : BF121423.D
 Acq On : 25 Aug 2020 12:42
 Operator : JU/CG
 Sample : PB131184BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB131184BL

Quant Time: Aug 25 13:28:36 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	158133	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	606673	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	309250	20.00	ng	0.00
64) Phenanthrene-d10	11.22	188	597896	20.00	ng	0.00
76) Chrysene-d12	13.85	240	516855	20.00	ng	0.00
86) Perylene-d12	15.27	264	538612	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	984071	102.04	ng	0.02
7) Phenol-d6	6.35	99	1232595	100.12	ng	0.00
23) Nitrobenzene-d5	7.26	82	834295	77.78	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	366059	101.58	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	1400525	87.29	ng	0.00
79) Terphenyl-d14	12.80	244	1442970	54.56	ng	0.00

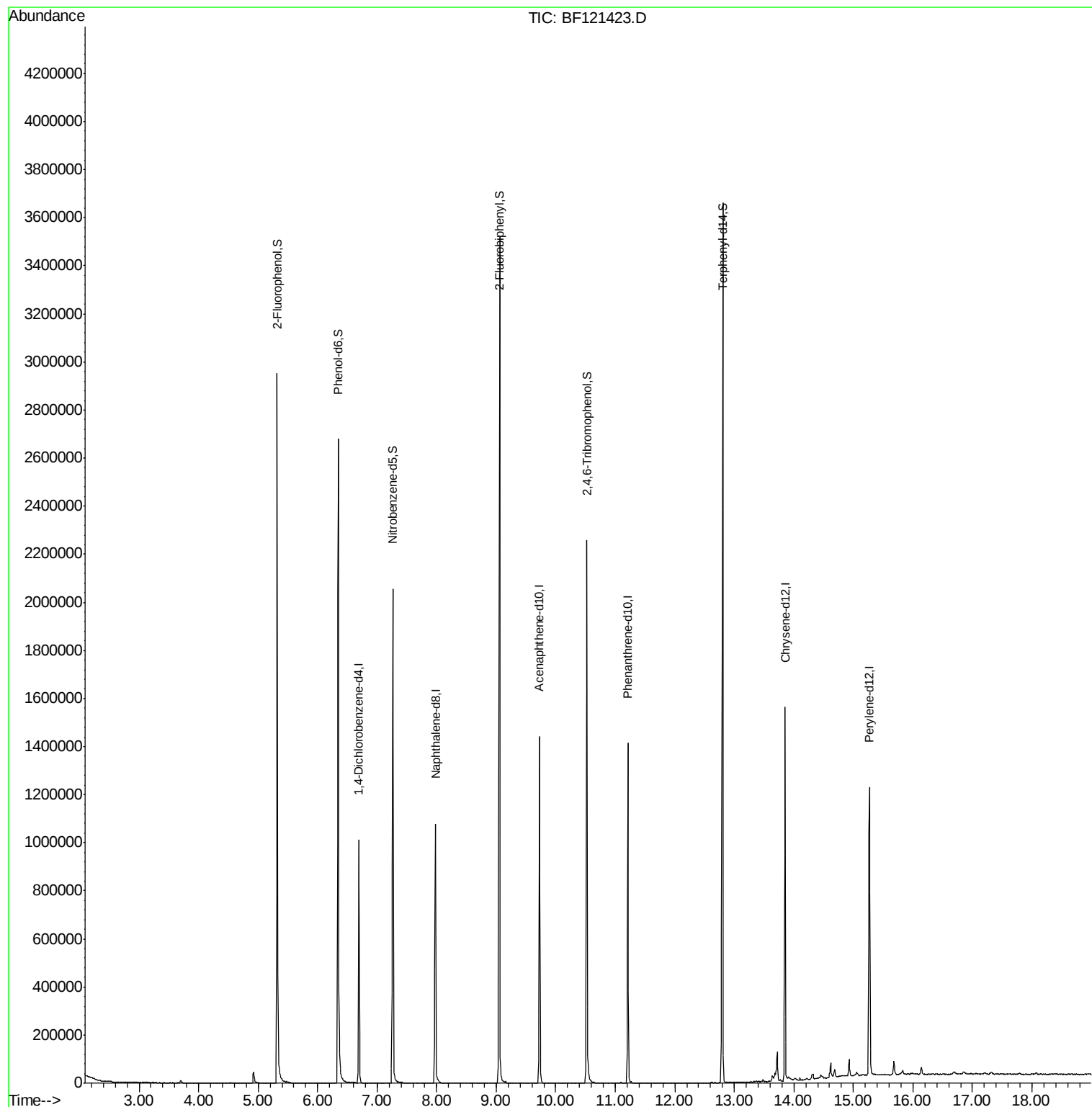
Target Compounds Qvalue

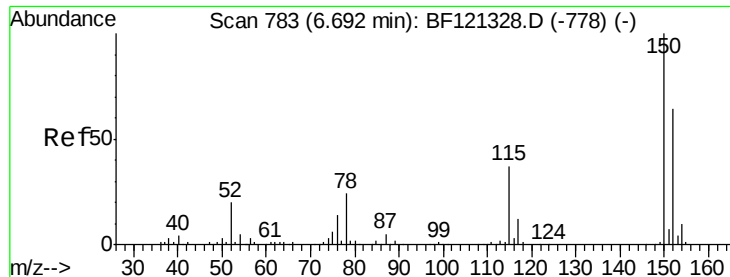
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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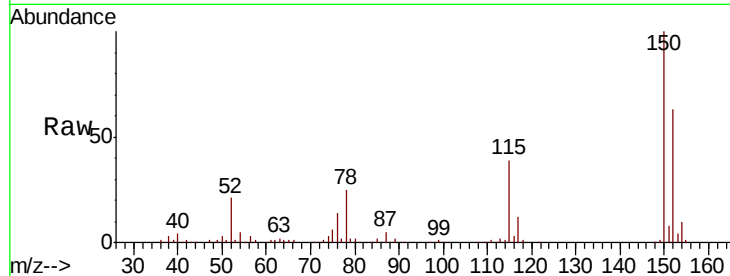


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.69 min Scan# 783
 Delta R.T. 0.00 min
 Lab File: BF121423.D
 Acq: 25 Aug 2020 12:42

Instrument :
 BNA_F
 ClientSampleId :
 PB131184BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.4	124.8	187.2
115	61.5	46.1	69.1

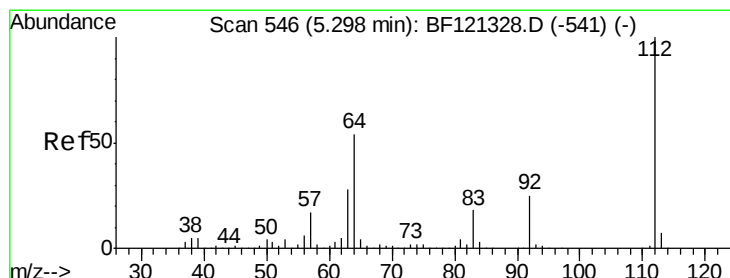
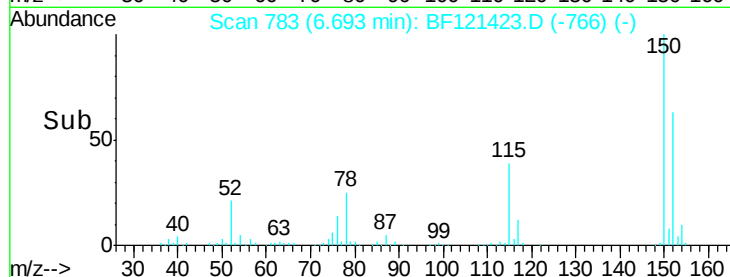
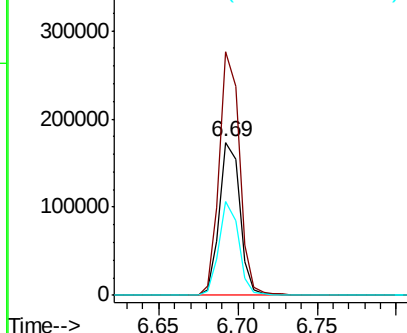


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

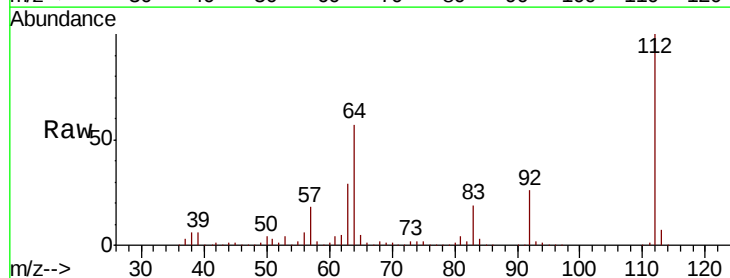
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 102.042 ng
 RT: 5.32 min Scan# 550
 Delta R.T. 0.02 min
 Lab File: BF121423.D
 Acq: 25 Aug 2020 12:42

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.0	43.5	65.3
63	29.4	22.0	33.0

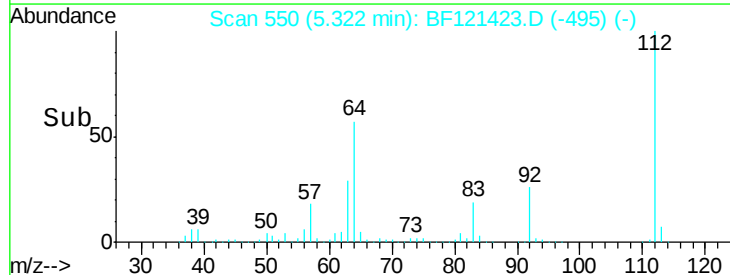
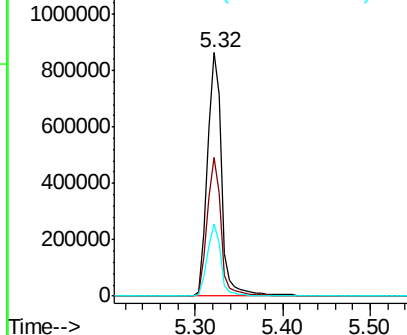


Abundance

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: 100.120 ng

RT: 6.35 min Scan# 724

Delta R.T. 0.01 min

Lab File: BF121423.D

Acq: 25 Aug 2020 12:42

Instrument :

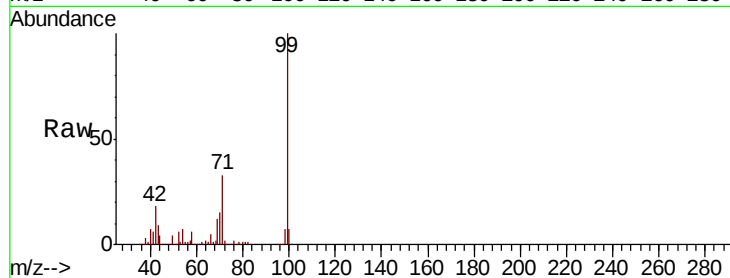
BNA_F

ClientSampleId :

PB131184BL

Tot Ion: 99 Resp: 1232595

Ion	Ratio	Lower	Upper
99	100		
42	17.9	13.5	20.3
71	32.9	25.2	37.8

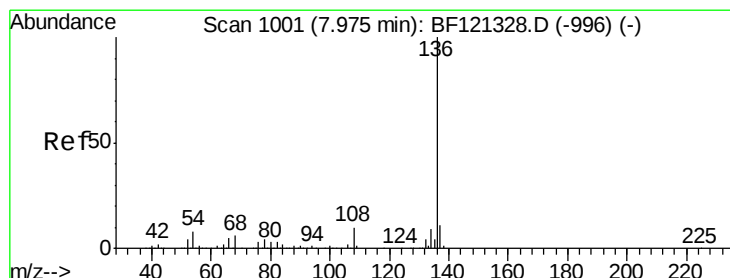
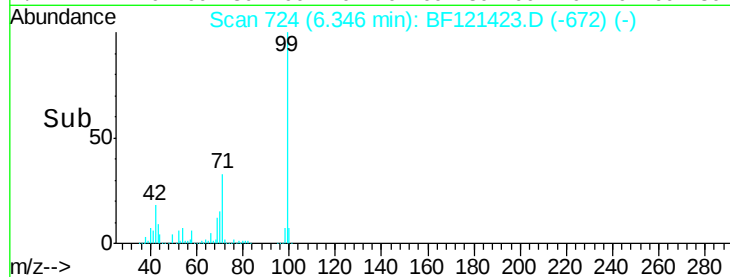


Abundance

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: 7.98 min Scan# 1002

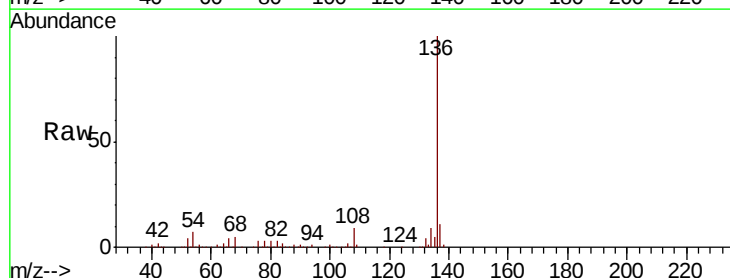
Delta R.T. 0.01 min

Lab File: BF121423.D

Acq: 25 Aug 2020 12:42

Tgt Ion: 136 Resp: 606673

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	6.6	6.1	9.1
68	5.3	5.0	7.4



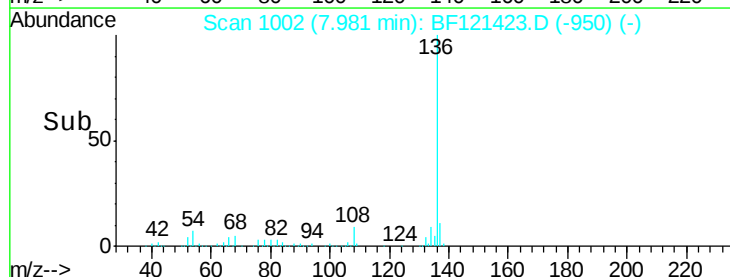
Abundance

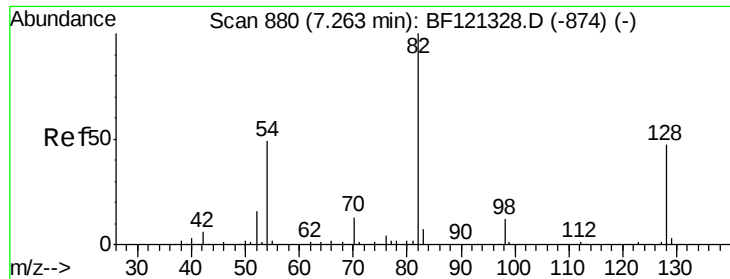
Ion 136.00 (135.70 to 136.70): E

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

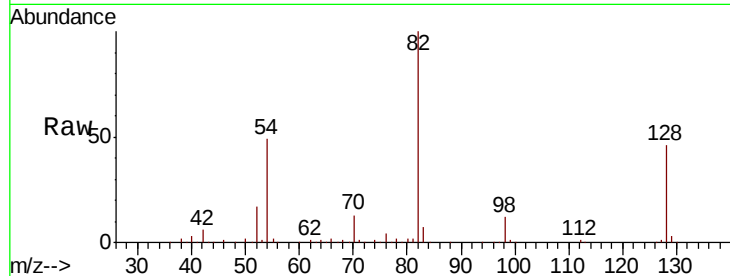




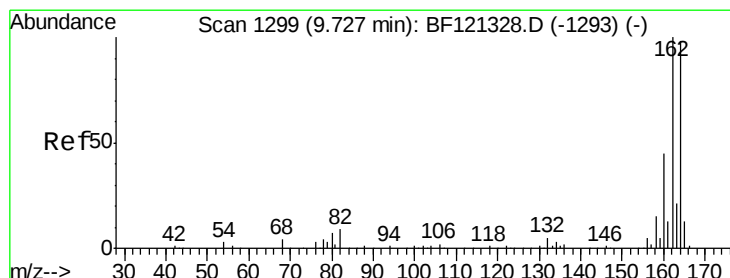
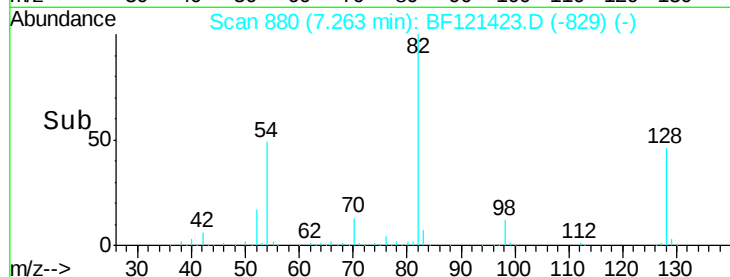
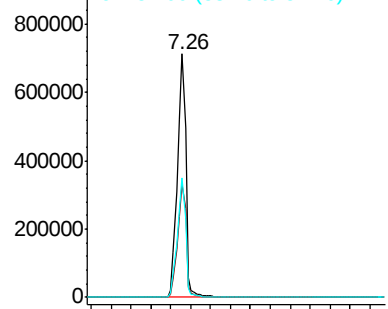
#23
 Nitrobenzene-d5
 Concen: 77.776 ng
 RT: 7.26 min Scan# 880
 Delta R.T. 0.00 min
 Lab File: BF121423.D
 Acq: 25 Aug 2020 12:42

Instrument :
 BNA_F
 ClientSampleId :
 PB131184BL

Tot Ion	82	Resp	834295
Ion Ratio	Lower	Upper	
82	100		
128	46.2	37.9	56.9
54	48.9	39.0	58.4

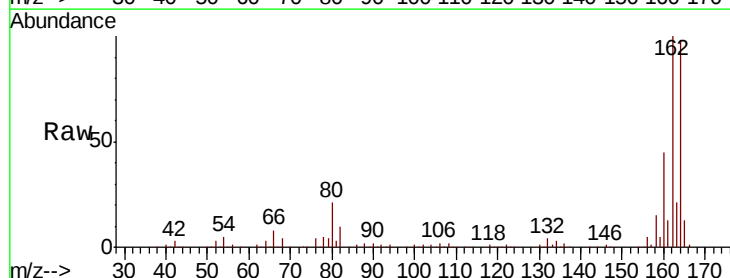


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

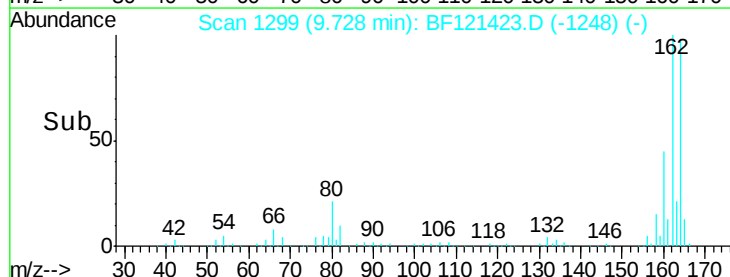
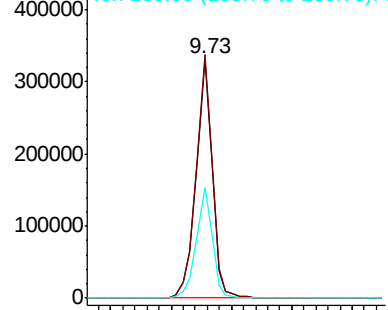


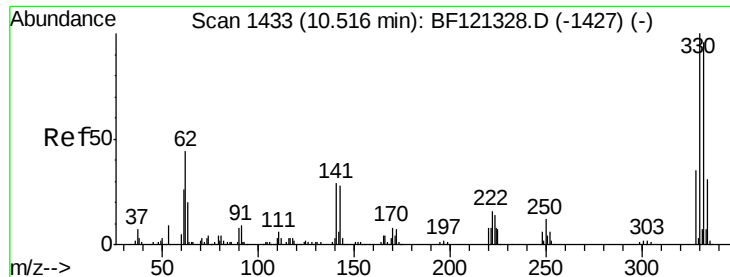
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.73 min Scan# 1299
 Delta R.T. 0.00 min
 Lab File: BF121423.D
 Acq: 25 Aug 2020 12:42

Tgt Ion	164	Resp	309250
Ion Ratio	Lower	Upper	
164	100		
162	102.1	81.7	122.5
160	46.4	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

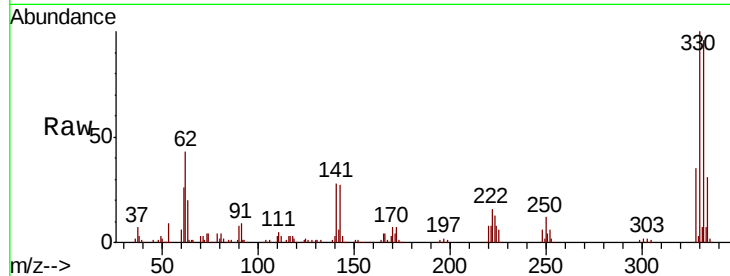




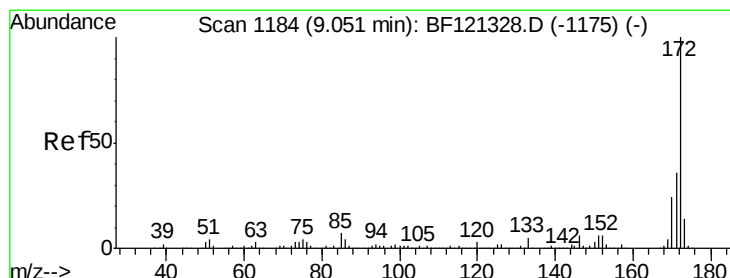
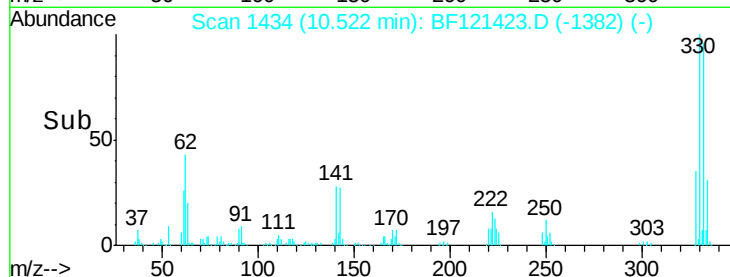
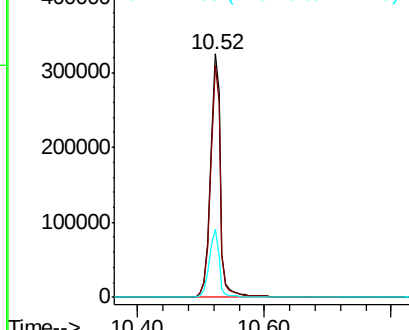
#42
 2,4,6-Tribromophenol
 Concen: 101.578 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. 0.01 min
 Lab File: BF121423.D
 Acq: 25 Aug 2020 12:42

Instrument :
 BNA_F
 ClientSampleId :
 PB131184BL

Tot Ion:330 Resp: 366059
 Ion Ratio Lower Upper
 330 100
 332 94.7 76.9 115.3
 141 27.8 22.8 34.2

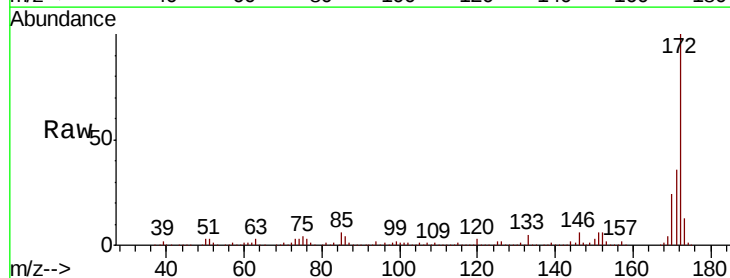


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

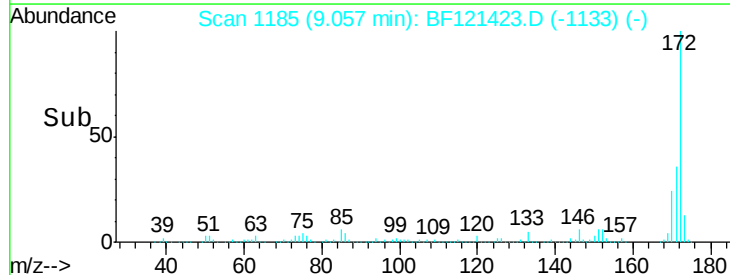
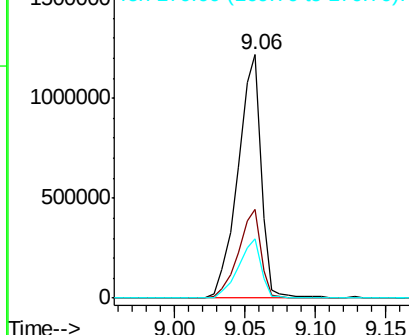


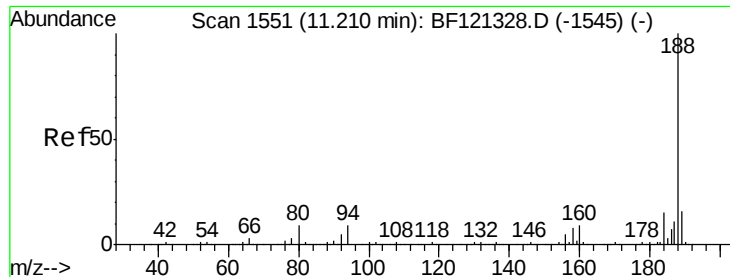
#45
 2-Fluorobiphenyl
 Concen: 87.287 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. 0.01 min
 Lab File: BF121423.D
 Acq: 25 Aug 2020 12:42

Tgt Ion:172 Resp: 1400525
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.0 43.6
 170 24.4 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

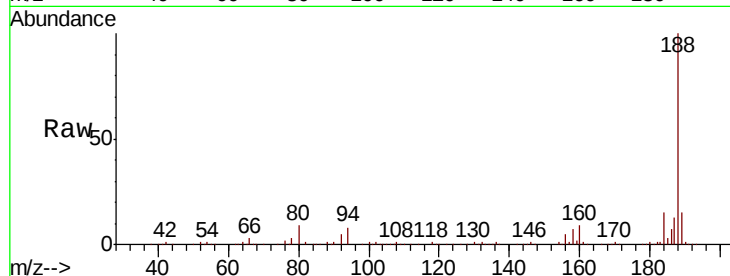




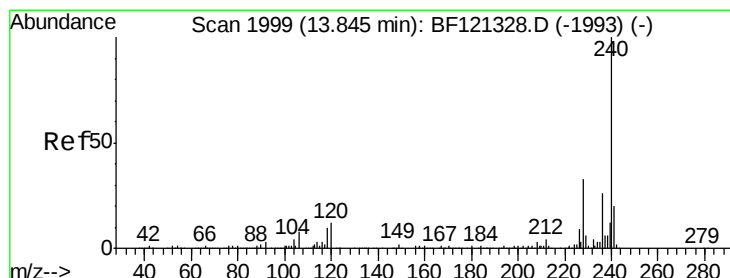
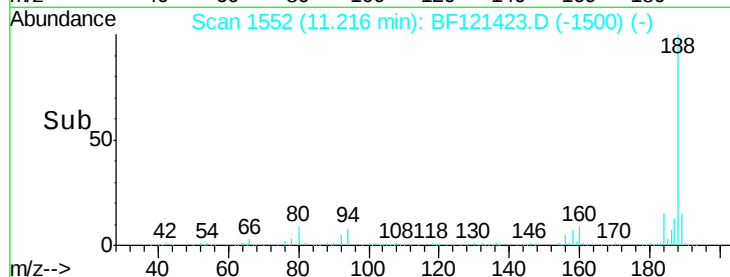
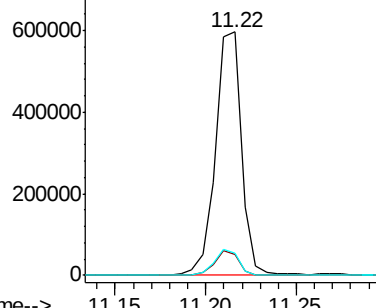
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1552
Delta R.T. 0.01 min
Lab File: BF121423.D
Acq: 25 Aug 2020 12:42

Instrument :
BNA_F
ClientSampleId :
PB131184BL

Tot Ion	Ratio	Lower	Upper
188	100		
94	8.4	7.2	10.8
80	8.9	7.4	11.0

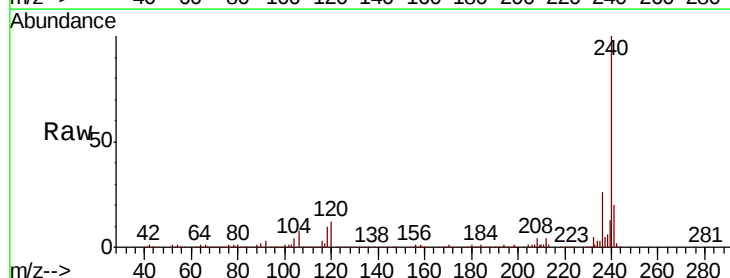


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

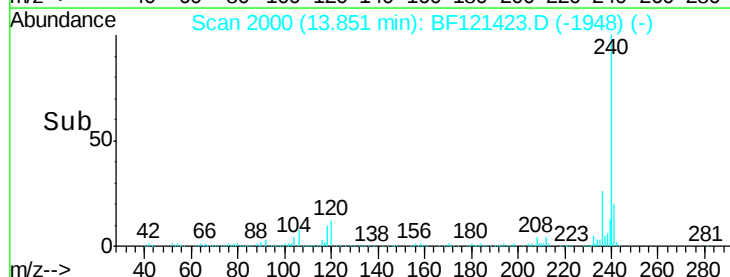
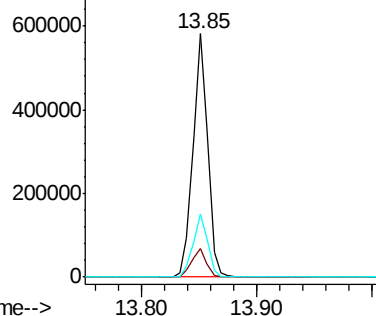


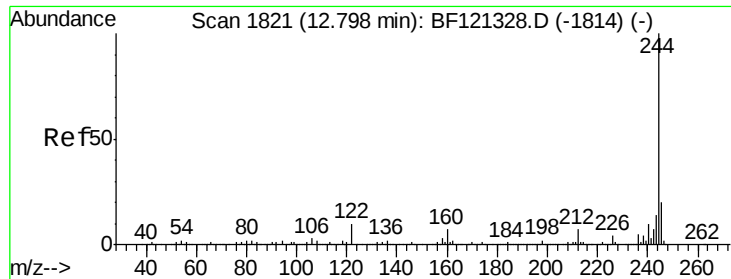
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.85 min Scan# 2000
Delta R.T. 0.01 min
Lab File: BF121423.D
Acq: 25 Aug 2020 12:42

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.6	9.6	14.4
236	25.9	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: 54.557 ng

RT: 12.80 min Scan# 1822

Delta R.T. 0.01 min

Lab File: BF121423.D

Acq: 25 Aug 2020 12:42

Instrument :

BNA_F

ClientSampleId :

PB131184BL

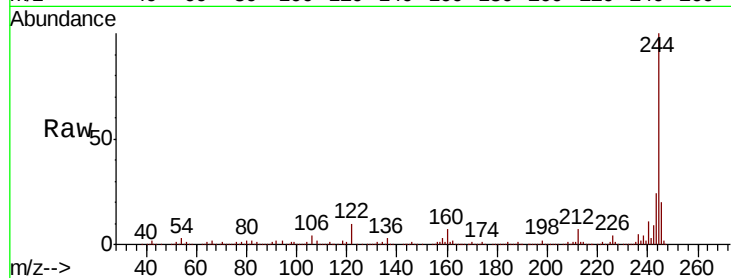
Tot Ion:244 Resp: 1442970

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

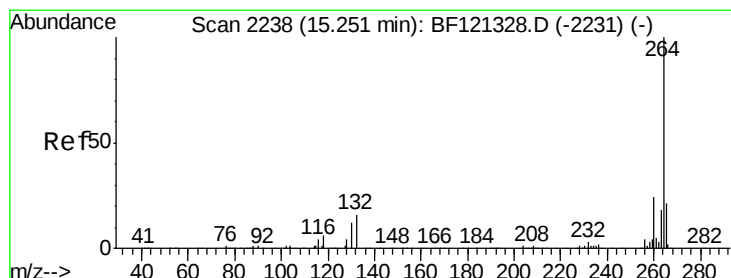
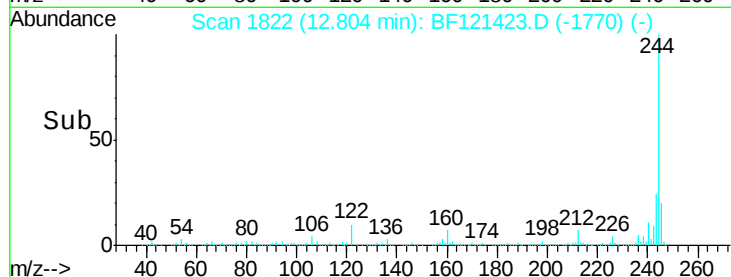
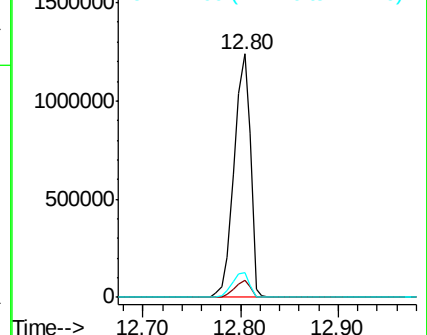
122 10.0 7.8 11.8



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: 15.27 min Scan# 2241

Delta R.T. 0.02 min

Lab File: BF121423.D

Acq: 25 Aug 2020 12:42

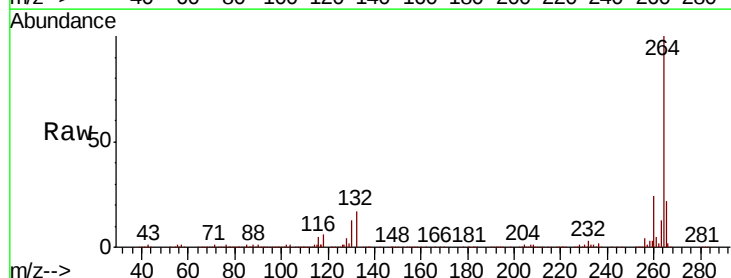
Tgt Ion:264 Resp: 538612

Ion Ratio Lower Upper

264 100

260 24.2 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

