

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072720\
 Data File : BF121022.D
 Acq On : 27 Jul 2020 9:52
 Operator : JU/CG
 Sample : PB130459BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB130459BL

Quant Time: Jul 27 11:19:11 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 16 14:20:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	167579	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	635343	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	321871	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	631114	20.00	ng	0.00
76) Chrysene-d12	13.97	240	508432	20.00	ng	0.00
86) Perylene-d12	15.42	264	459744	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	863733	84.50	ng	0.01
7) Phenol-d6	6.45	99	1013118	76.72	ng	0.00
23) Nitrobenzene-d5	7.37	82	636536	57.97	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	325056	92.26	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1278807	59.32	ng	0.00
79) Terphenyl-d14	12.92	244	1283887	54.89	ng	0.00

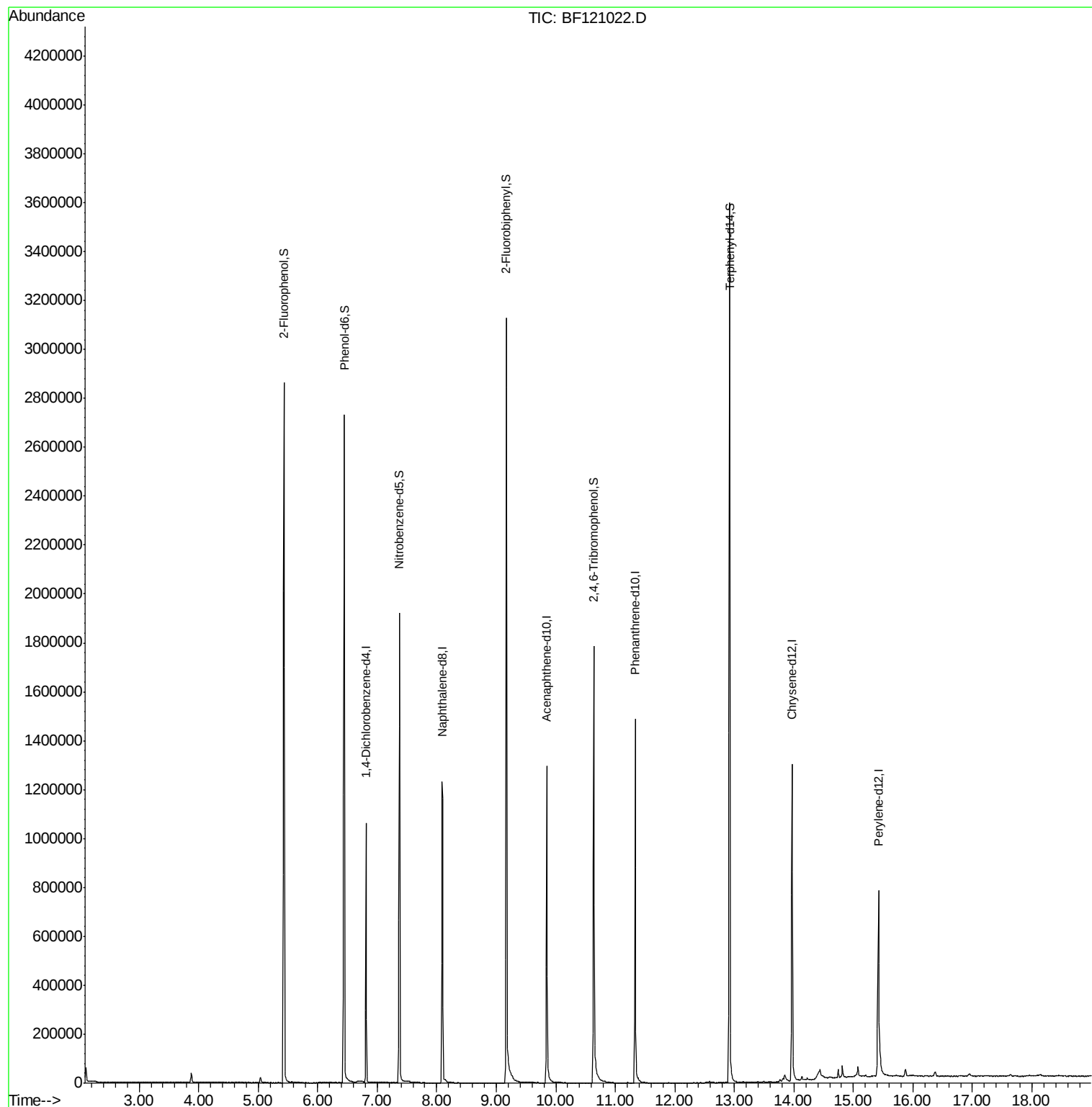
Target Compounds Qvalue

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

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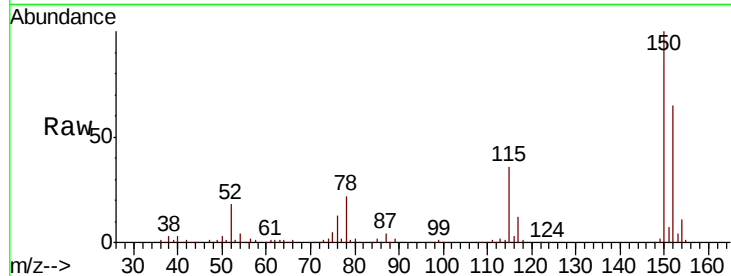


#1

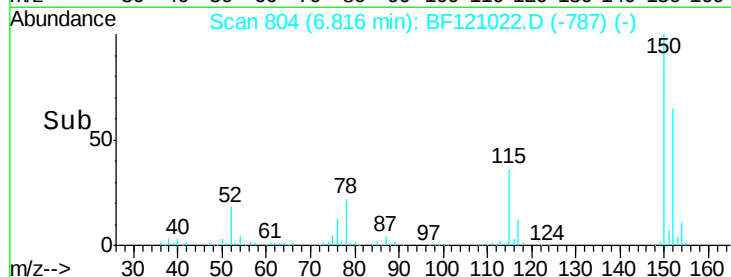
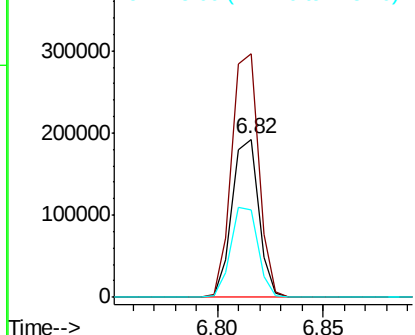
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF121022.D
Acq: 27 Jul 2020 9:52

Instrument :
BNA_F
ClientSampleId :
PB130459BL

Tot Ion:152 Resp: 167579
Ion Ratio Lower Upper
152 100
150 154.2 125.0 187.6
115 55.8 47.0 70.4



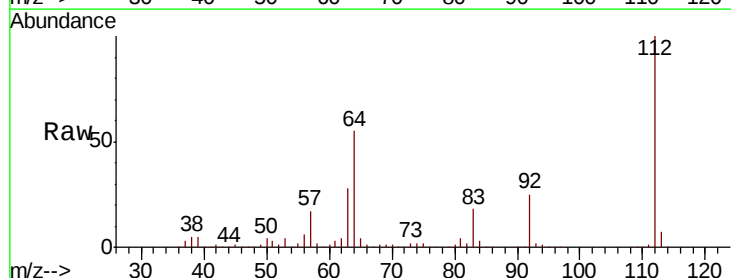
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



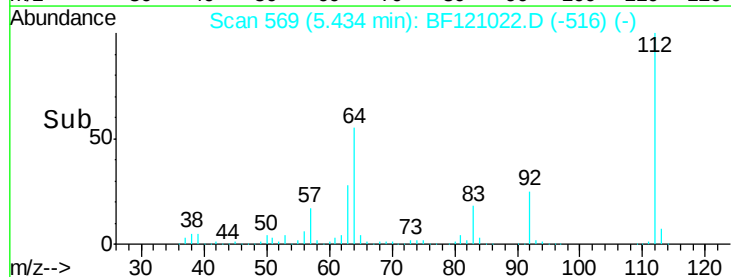
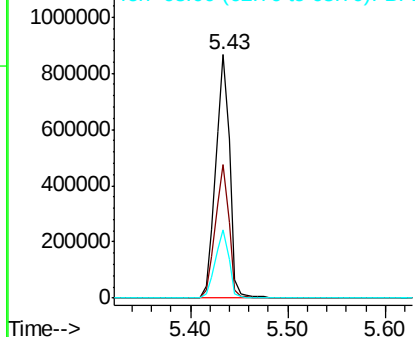
#5

2-Fluorophenol
Concen: 84.495 ng
RT: 5.43 min Scan# 569
Delta R.T. 0.01 min
Lab File: BF121022.D
Acq: 27 Jul 2020 9:52

Tgt Ion:112 Resp: 863733
Ion Ratio Lower Upper
112 100
64 55.1 41.3 61.9
63 28.1 21.1 31.7



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: 76.725 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF121022.D

Acq: 27 Jul 2020 9:52

Instrument :

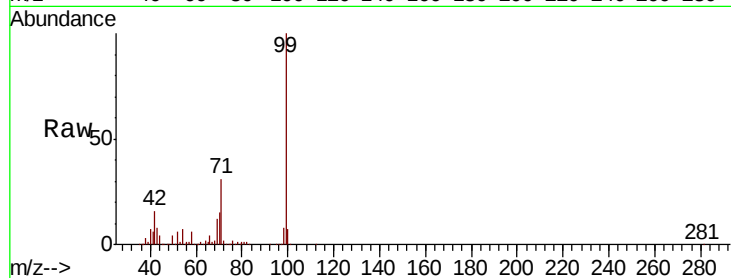
BNA_F

ClientSampled :

PB130459BL

Tot Ion: 99 Resp: 1013118

Ion	Ratio	Lower	Upper
99	100		
42	16.4	13.1	19.7
71	30.9	24.2	36.4

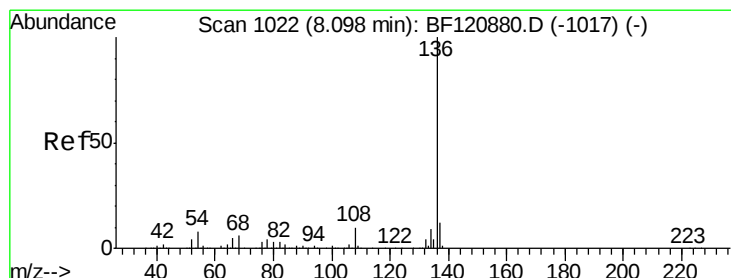
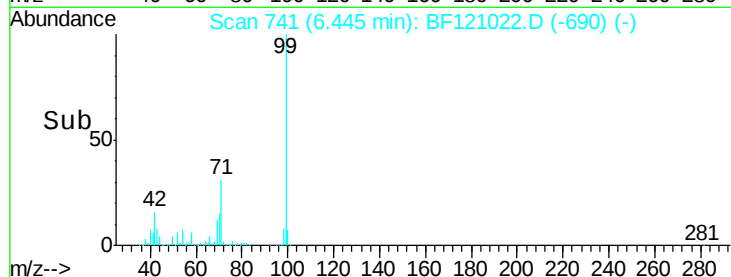
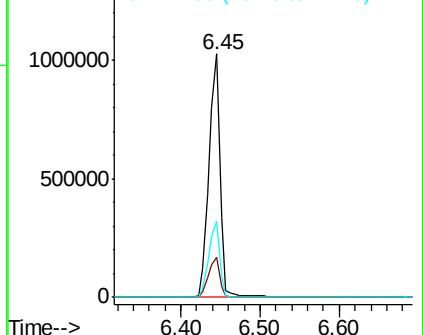


Abundance

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: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF121022.D

Acq: 27 Jul 2020 9:52

Tgt Ion: 136 Resp: 635343

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.3	13.9
54	7.8	6.3	9.5
68	6.0	5.0	7.4

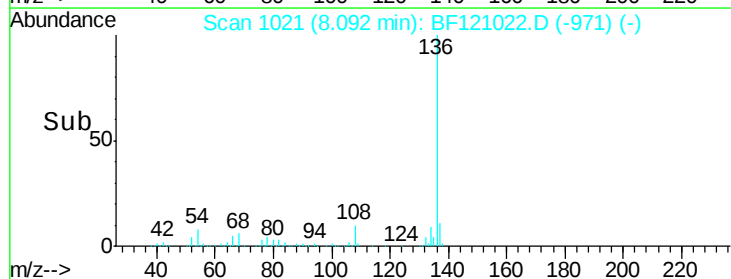
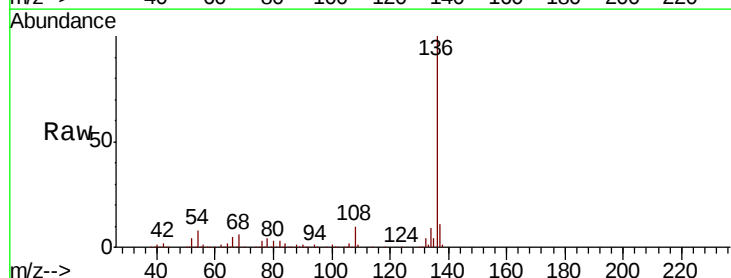
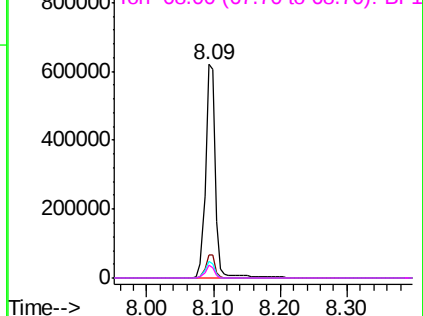
Abundance

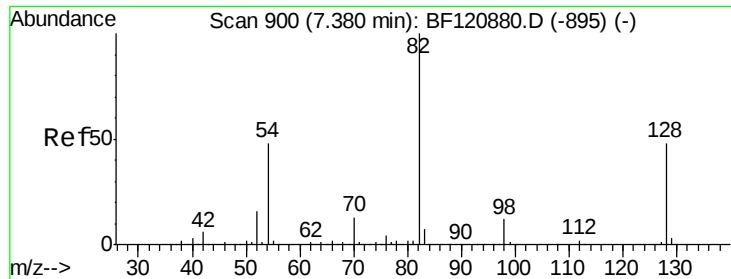
Ion 136.00 (135.70 to 136.70): E

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

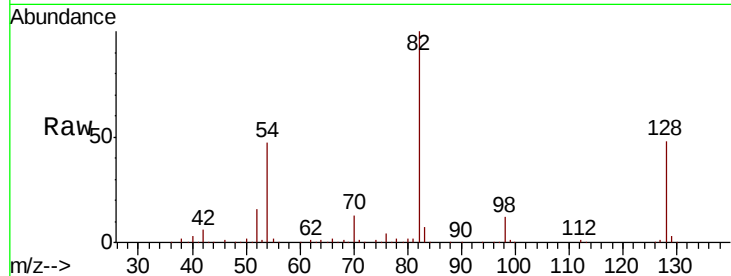




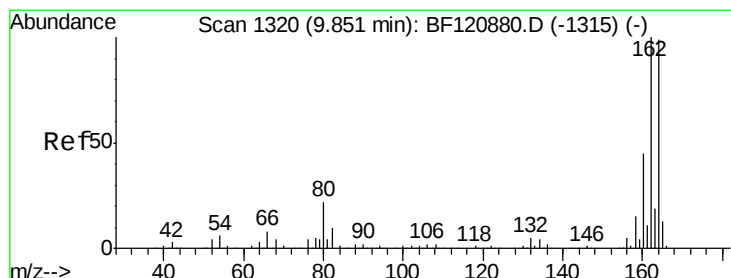
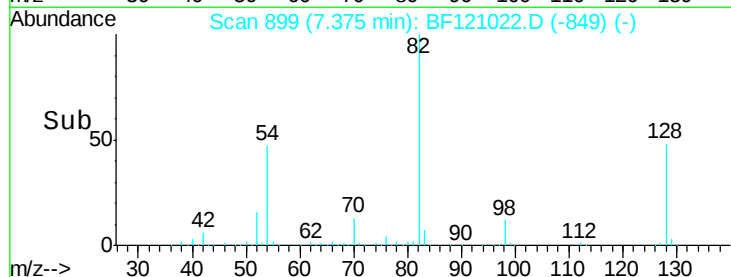
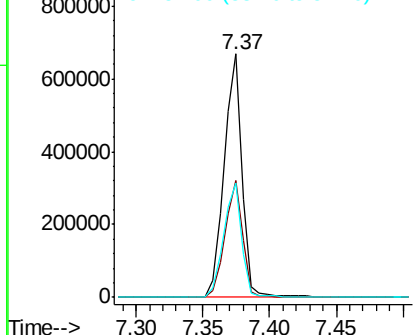
#23
Nitrobenzene-d5
Concen: 57.972 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF121022.D
Acq: 27 Jul 2020 9:52

Instrument :
BNA_F
ClientSampleId :
PB130459BL

Tot Ion: 82 Resp: 636536
Ion Ratio Lower Upper
82 100
128 47.8 38.2 57.4
54 47.1 38.7 58.1

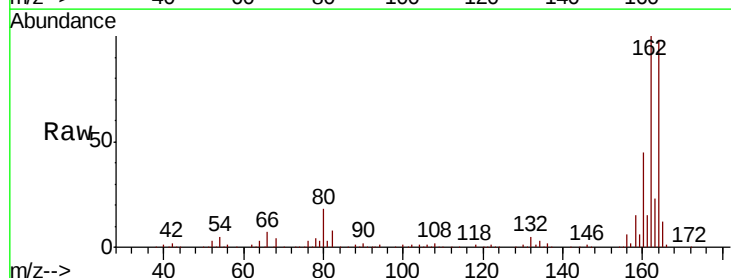


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

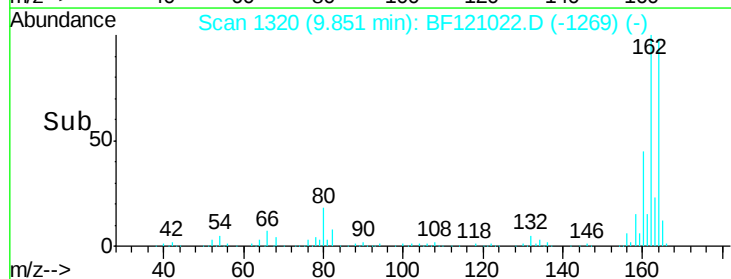
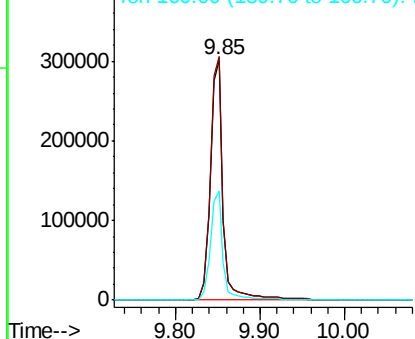


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.00 min
Lab File: BF121022.D
Acq: 27 Jul 2020 9:52

Tgt Ion: 164 Resp: 321871
Ion Ratio Lower Upper
164 100
162 101.6 81.2 121.8
160 45.5 36.9 55.3



Abundance Ion 164.00 (163.70 to 164.70): BF1
Ion 162.00 (161.70 to 162.70): BF1
Ion 160.00 (159.70 to 160.70): BF1

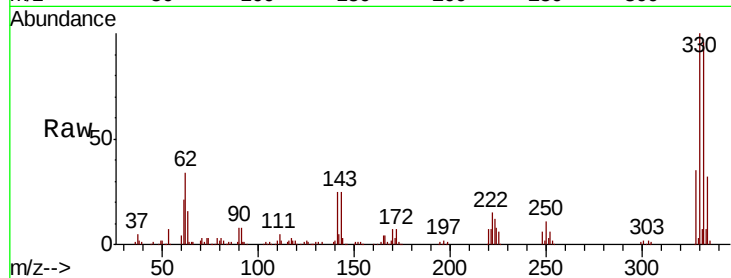




#42
 2,4,6-Tribromophenol
 Concen: 92.262 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. 0.00 min
 Lab File: BF121022.D
 Acq: 27 Jul 2020 9:52

Instrument :
 BNA_F
 ClientSampleId :
 PB130459BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.6	75.5	113.3
141	31.1	25.7	38.5

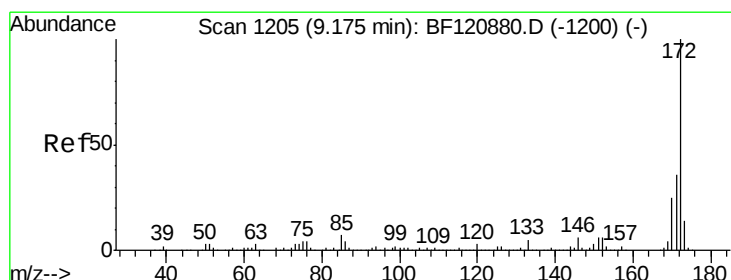
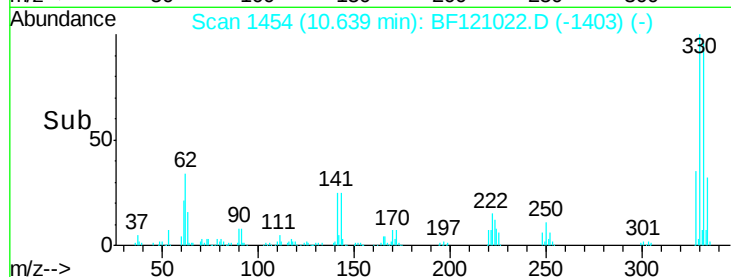
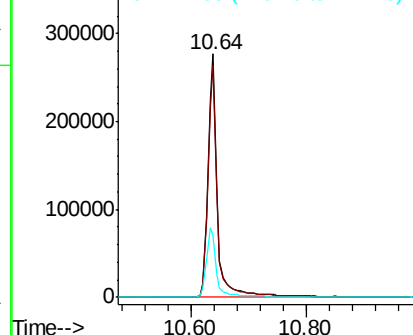


Abundance

Ion 329.80 (329.50 to 330.50): E

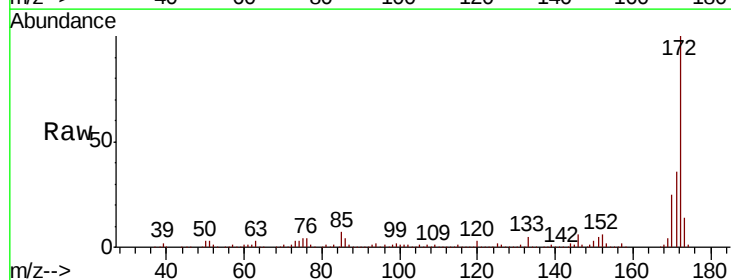
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 59.319 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF121022.D
 Acq: 27 Jul 2020 9:52

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.0	43.4
170	24.5	19.6	29.4

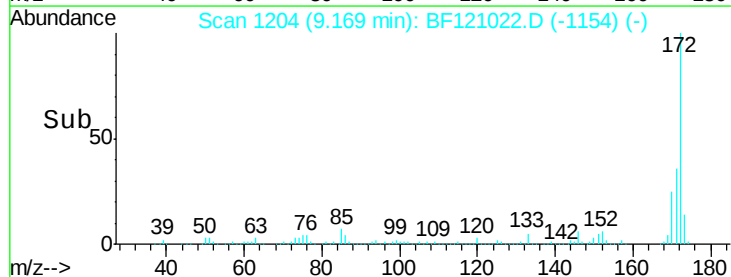
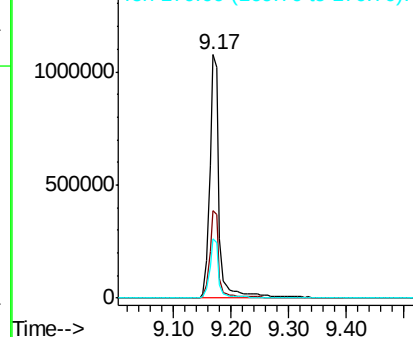


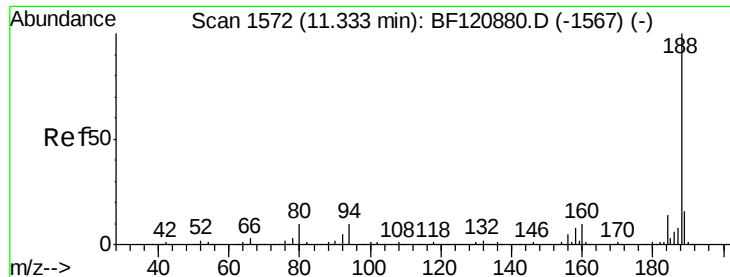
Abundance

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

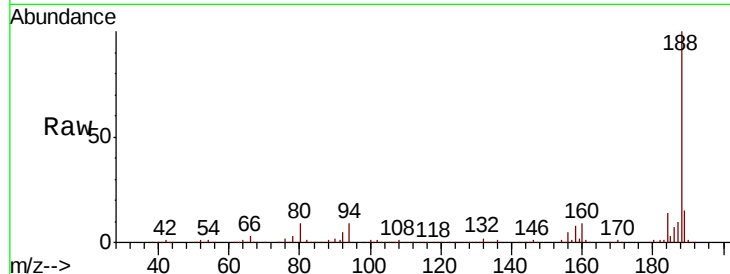




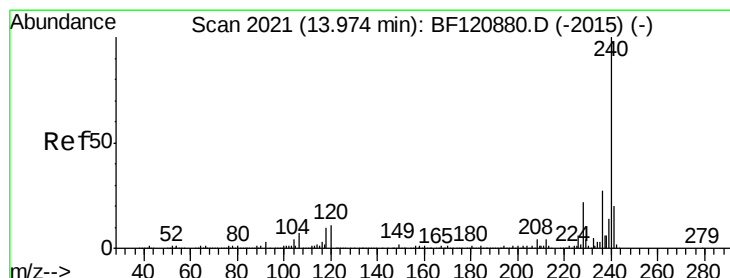
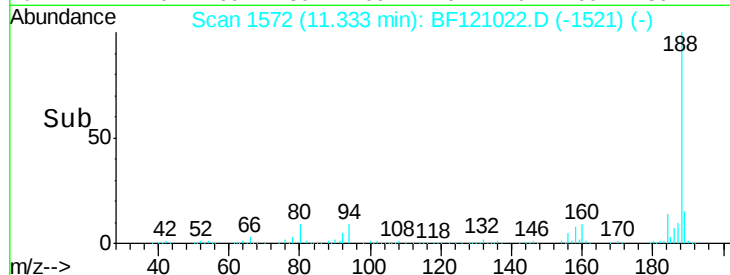
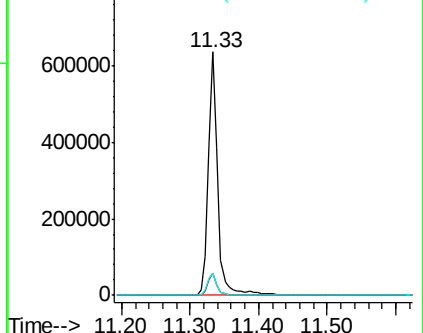
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BF121022.D
Acq: 27 Jul 2020 9:52

Instrument :
BNA_F
ClientSampleId :
PB130459BL

Tot Ion:188 Resp: 631114
Ion Ratio Lower Upper
188 100
94 9.0 8.0 12.0
80 9.2 8.3 12.5

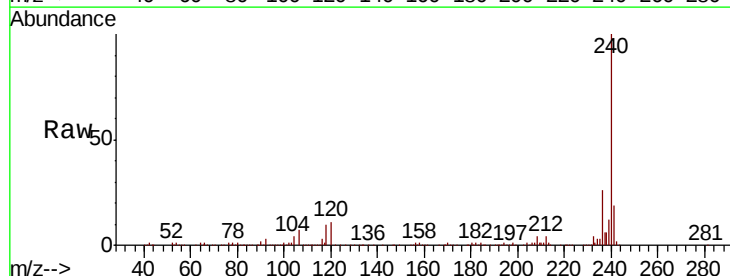


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

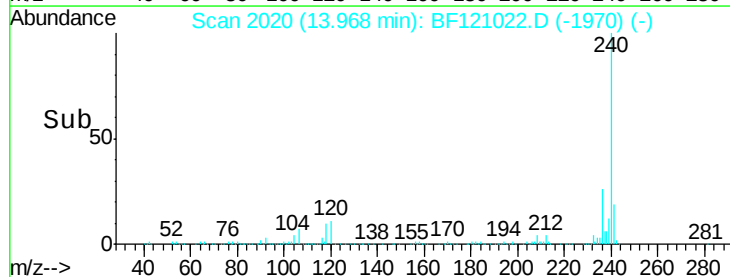
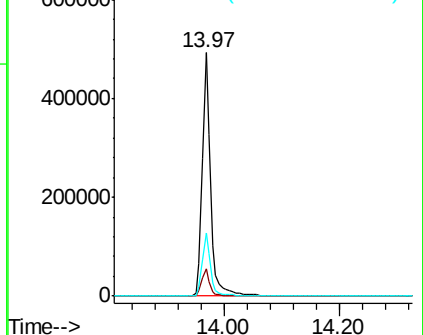


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF121022.D
Acq: 27 Jul 2020 9:52

Tgt Ion:240 Resp: 508432
Ion Ratio Lower Upper
240 100
120 11.4 9.0 13.4
236 26.0 21.7 32.5



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: 54.892 ng

RT: 12.92 min Scan# 1842

Delta R.T. 0.00 min

Lab File: BF121022.D

Acq: 27 Jul 2020 9:52

Instrument :

BNA_F

ClientSampleId :

PB130459BL

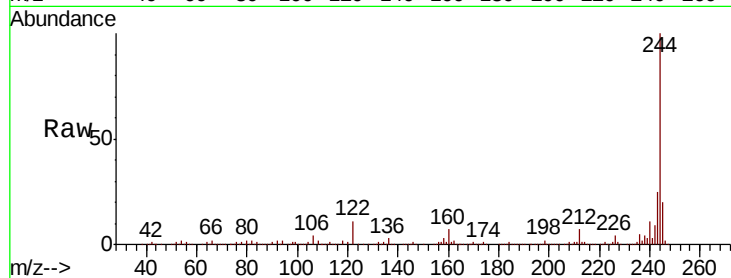
Tot Ion:244 Resp: 1283887

Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

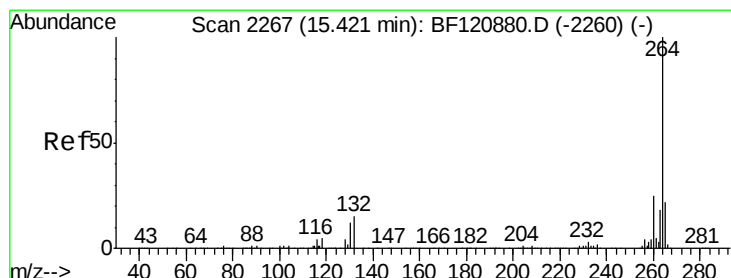
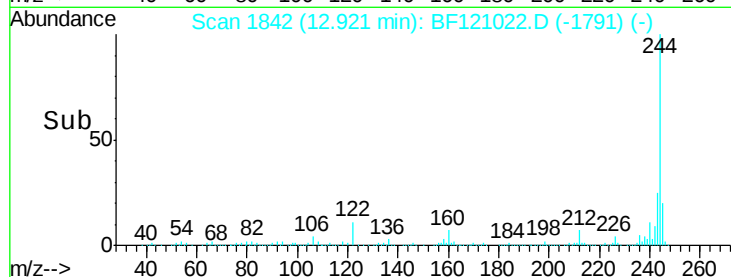
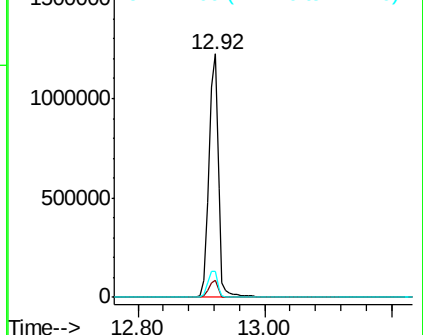
122 10.7 8.9 13.3



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: 15.42 min Scan# 2267

Delta R.T. 0.00 min

Lab File: BF121022.D

Acq: 27 Jul 2020 9:52

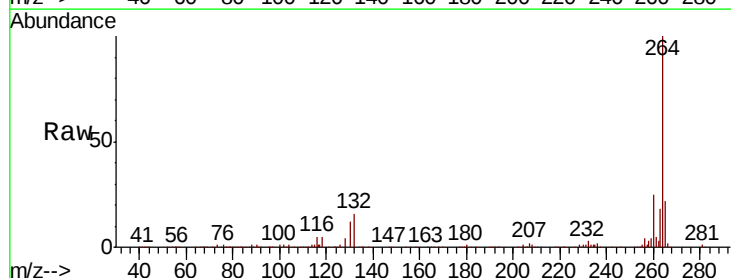
Tgt Ion:264 Resp: 459744

Ion Ratio Lower Upper

264 100

260 24.8 20.0 30.0

265 21.8 17.4 26.2



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

