

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072720\
 Data File : BF121031.D
 Acq On : 27 Jul 2020 14:22
 Operator : JU/CG
 Sample : PB130472TB
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB130472TB

Quant Time: Jul 27 15:31:48 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	6.81	152	160609	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	606031	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	308963	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	602396	20.00	ng	0.00
76) Chrysene-d12	13.97	240	474608	20.00	ng	0.00
86) Perylene-d12	15.42	264	424344	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	1164897	118.90	ng	0.02
7) Phenol-d6	6.45	99	1407742	111.24	ng	0.00
23) Nitrobenzene-d5	7.37	82	889823	84.96	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	426303	126.05	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1679903	81.18	ng	0.00
79) Terphenyl-d14	12.92	244	1621998	74.29	ng	0.00

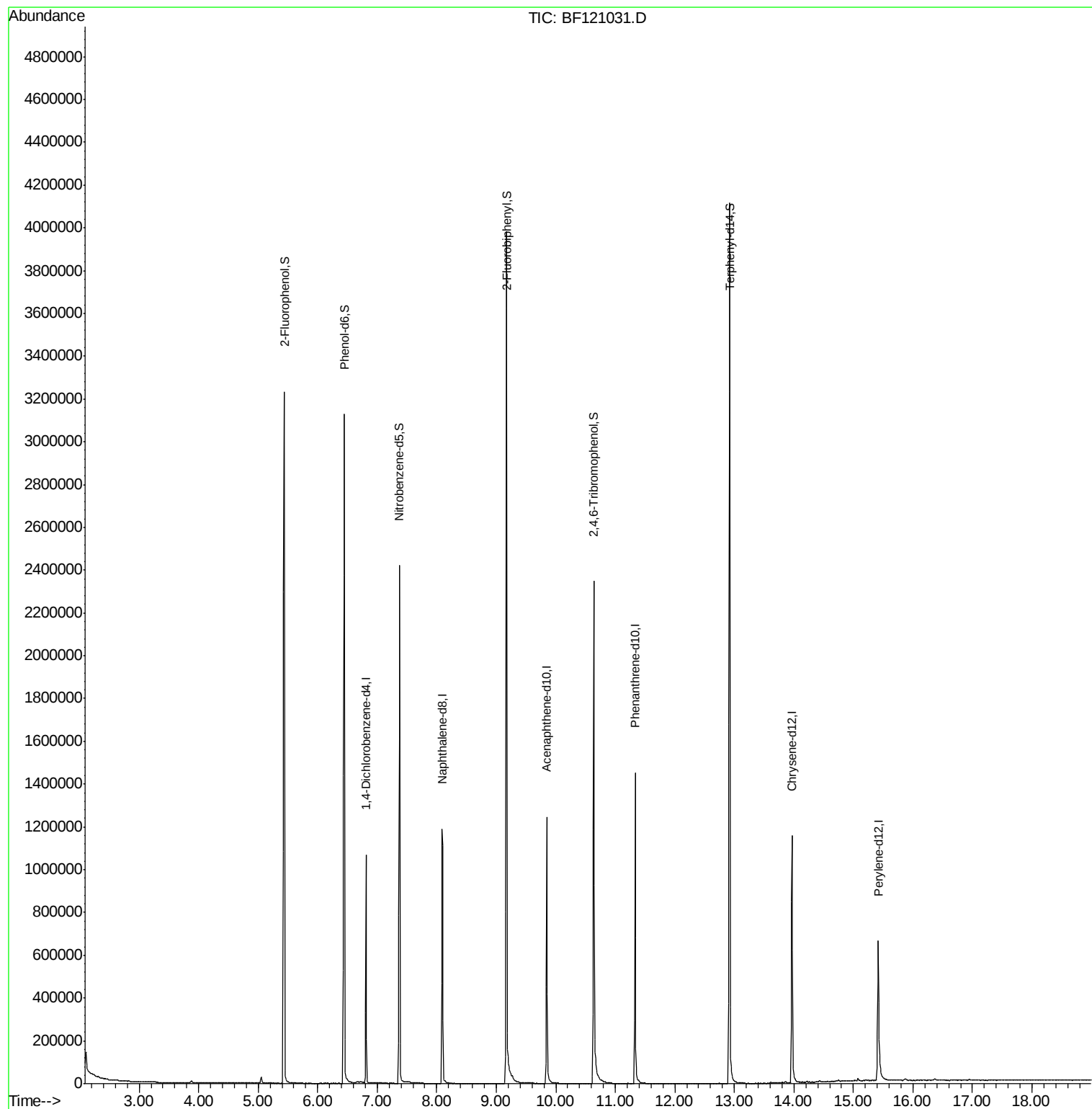
Target Compounds Qvalue

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

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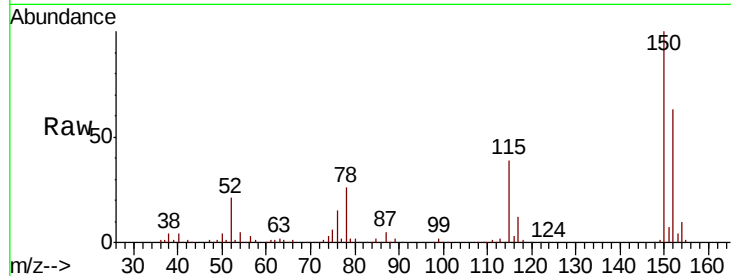


#1

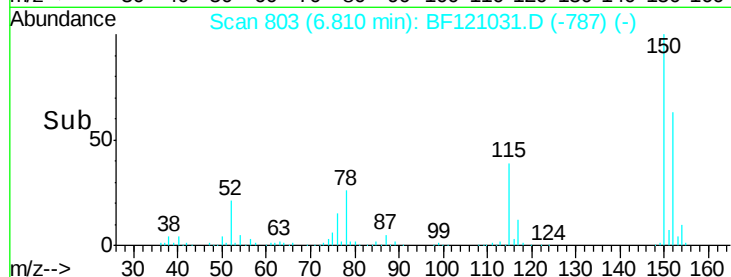
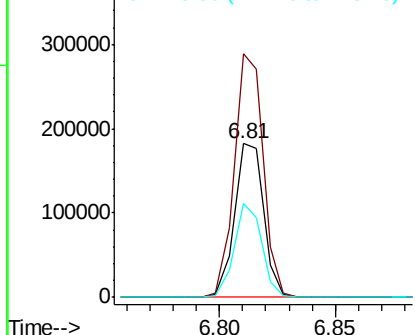
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF121031.D
Acq: 27 Jul 2020 14:22

Instrument :
BNA_F
ClientSampleId :
PB130472TB

Tot Ion:152 Resp: 160609
Ion Ratio Lower Upper
152 100
150 158.7 125.0 187.6
115 61.3 47.0 70.4



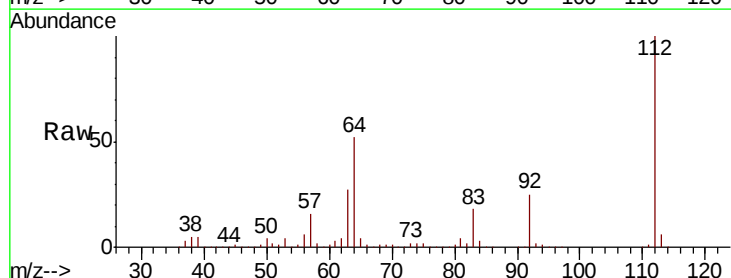
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



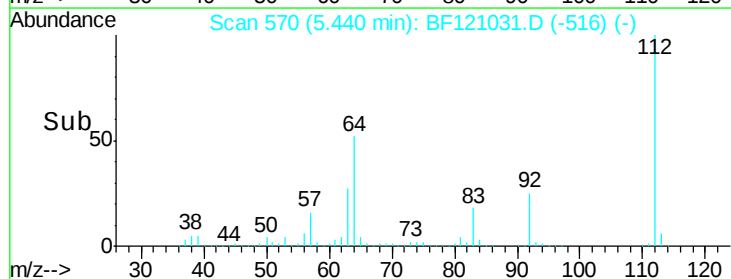
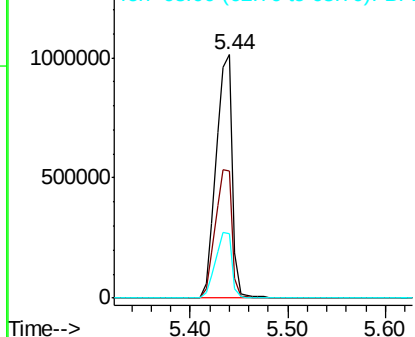
#5

2-Fluorophenol
Concen: 118.903 ng
RT: 5.44 min Scan# 570
Delta R.T. 0.02 min
Lab File: BF121031.D
Acq: 27 Jul 2020 14:22

Tgt Ion:112 Resp: 1164897
Ion Ratio Lower Upper
112 100
64 52.1 41.3 61.9
63 26.7 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: 111.237 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF121031.D

Acq: 27 Jul 2020 14:22

Instrument :

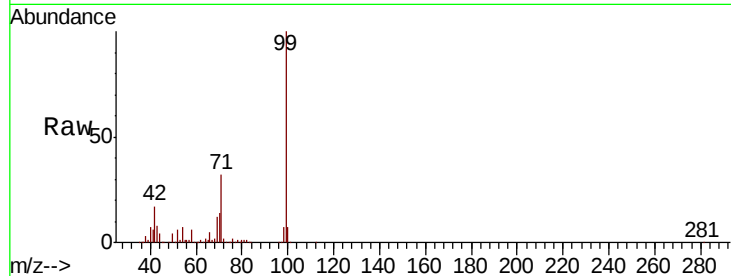
BNA_F

ClientSampleId :

PB130472TB

Tot Ion: 99 Resp: 1407742

Ion	Ratio	Lower	Upper
99	100		
42	17.1	13.1	19.7
71	31.9	24.2	36.4

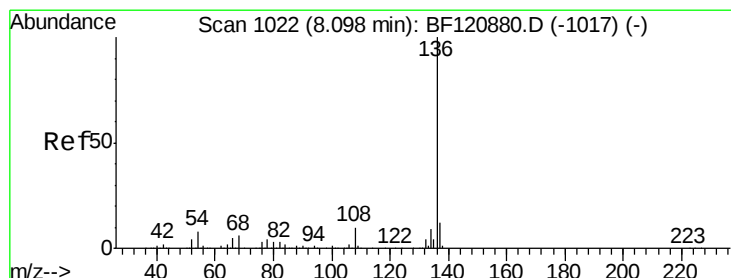
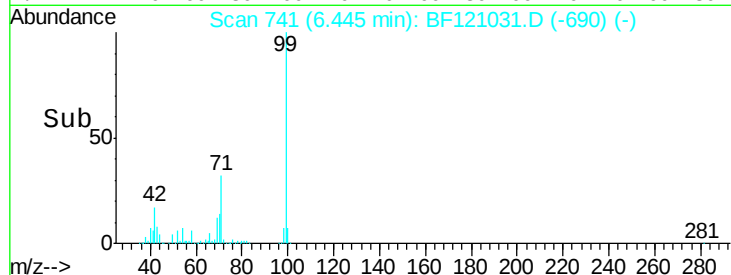
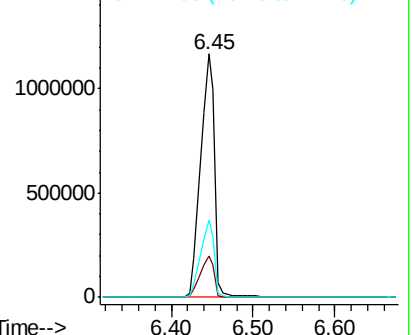


Abundance

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

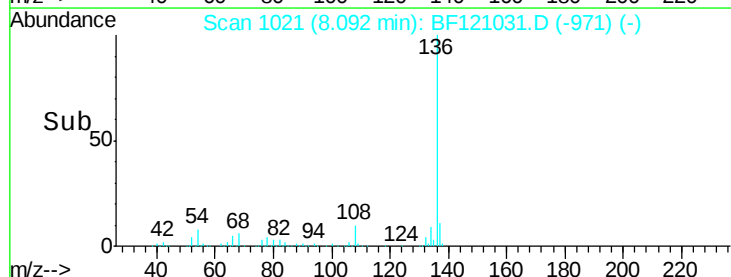
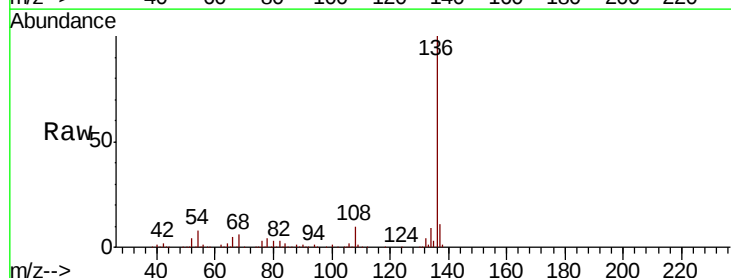
Delta R.T. -0.01 min

Lab File: BF121031.D

Acq: 27 Jul 2020 14:22

Tgt Ion: 136 Resp: 606031

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.3	13.9
54	7.7	6.3	9.5
68	6.2	5.0	7.4



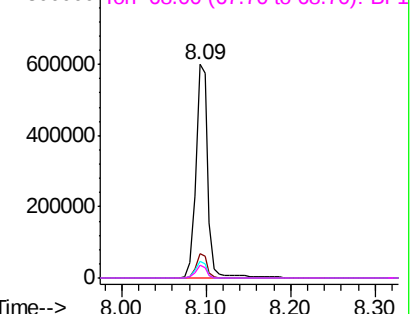
Abundance

Ion 136.00 (135.70 to 136.70): BF1

Ion 137.00 (136.70 to 137.70): BF1

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

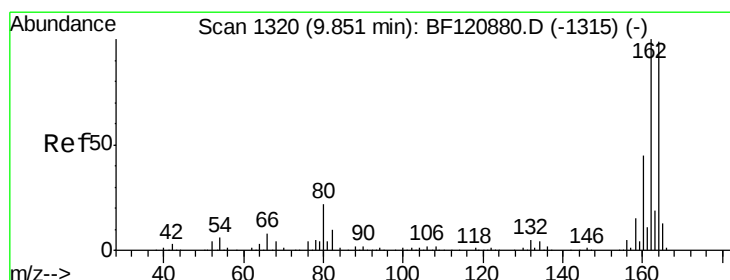
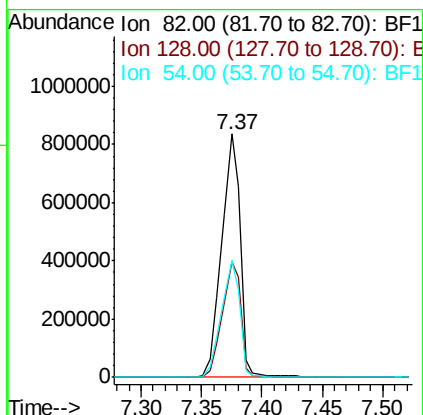
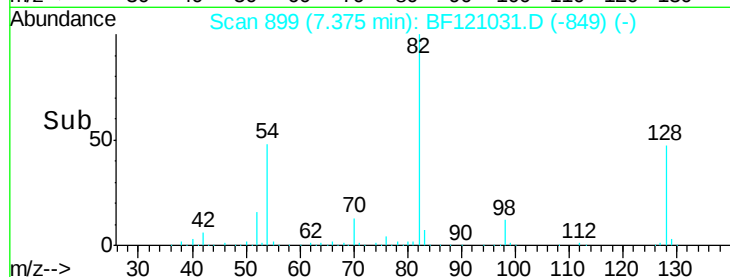
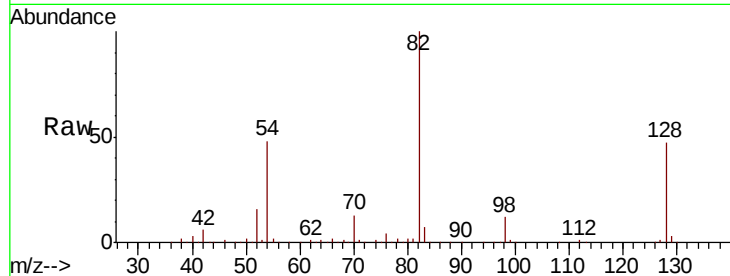




#23
 Nitrobenzene-d5
 Concen: 84.959 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: BF121031.D
 Acq: 27 Jul 2020 14:22

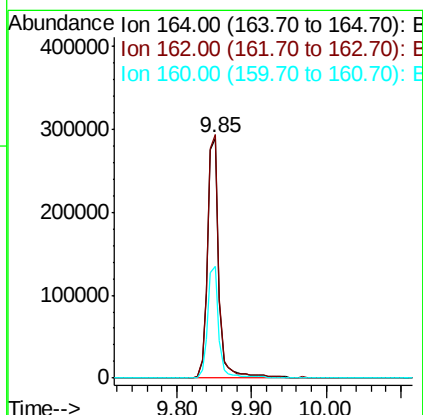
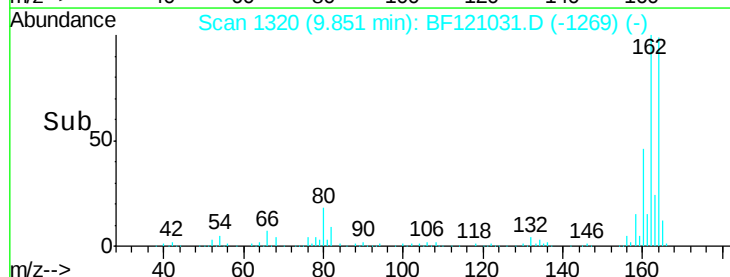
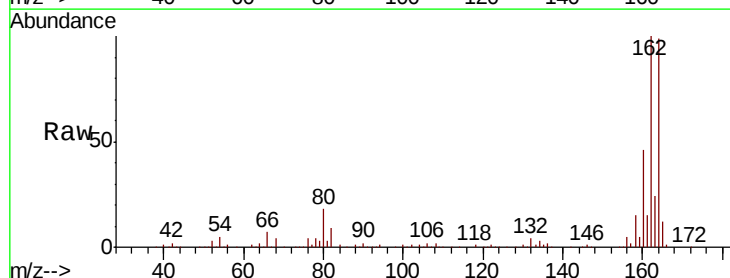
Instrument :
 BNA_F
 ClientSampled :
 PB130472TB

Tot Ion: 82 Resp: 889823
 Ion Ratio Lower Upper
 82 100
 128 47.4 38.2 57.4
 54 48.3 38.7 58.1



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. 0.00 min
 Lab File: BF121031.D
 Acq: 27 Jul 2020 14:22

Tgt Ion:164 Resp: 308963
 Ion Ratio Lower Upper
 164 100
 162 101.4 81.2 121.8
 160 46.3 36.9 55.3





#42

2,4,6-Tribromophenol

Concen: 126.054 ng

RT: 10.64 min Scan# 1454

Delta R.T. 0.00 min

Lab File: BF121031.D

Acq: 27 Jul 2020 14:22

Instrument :

BNA_F

ClientSampleId :

PB130472TB

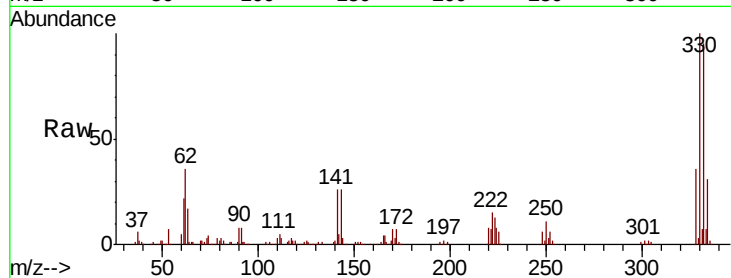
Tot Ion:330 Resp: 426303

Ion Ratio Lower Upper

330 100

332 95.1 75.5 113.3

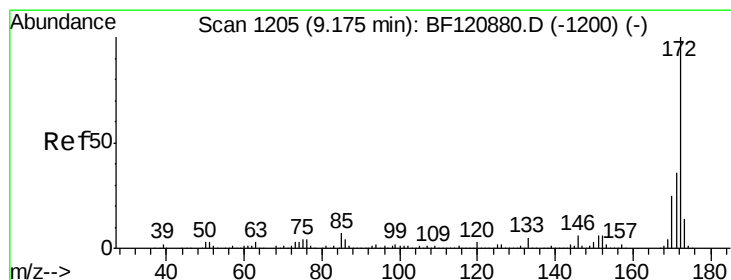
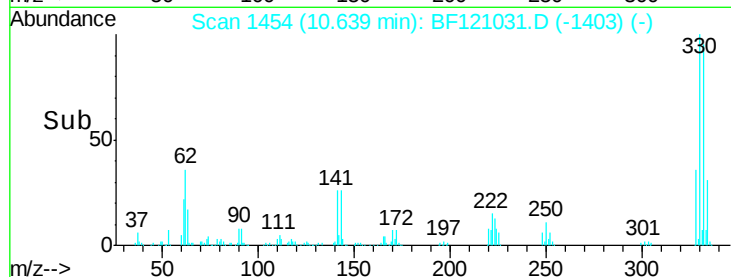
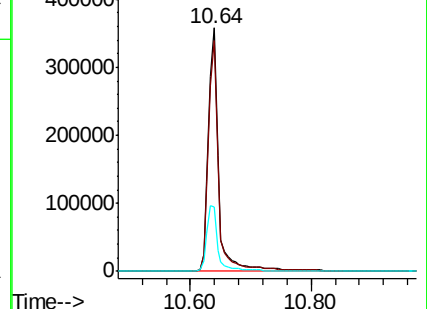
141 29.3 25.7 38.5



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: 81.180 ng

RT: 9.17 min Scan# 1205

Delta R.T. 0.00 min

Lab File: BF121031.D

Acq: 27 Jul 2020 14:22

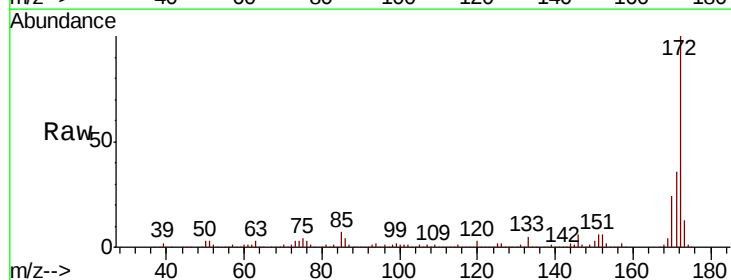
Tgt Ion:172 Resp: 1679903

Ion Ratio Lower Upper

172 100

171 36.1 29.0 43.4

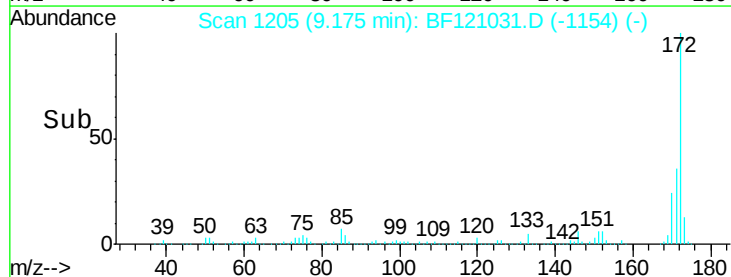
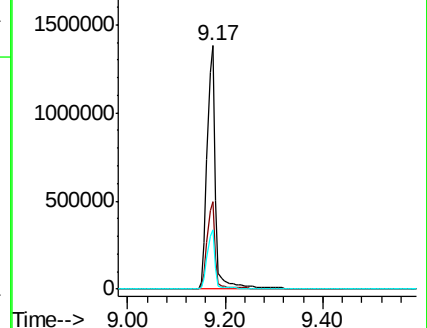
170 24.4 19.6 29.4

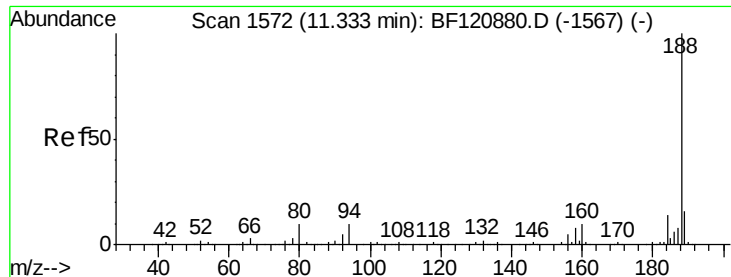


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

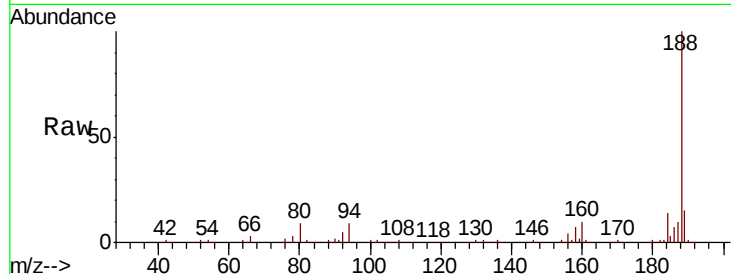




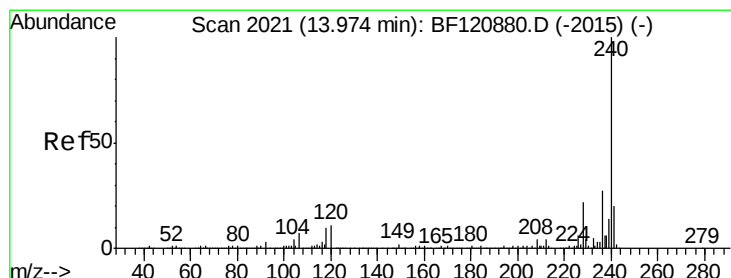
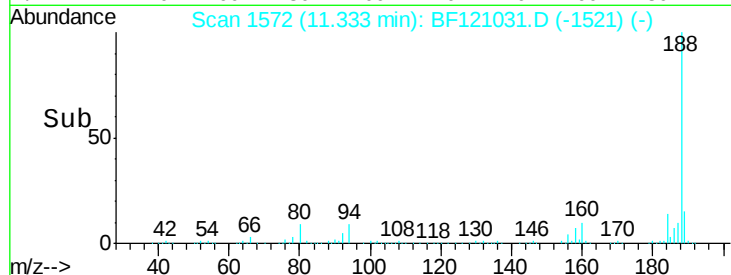
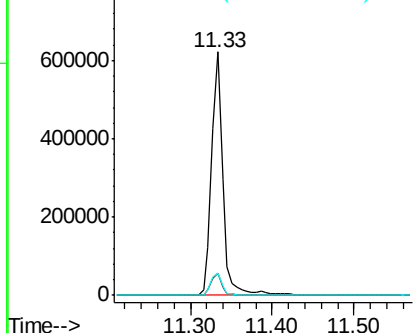
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BF121031.D
Acq: 27 Jul 2020 14:22

Instrument :
BNA_F
ClientSampleId :
PB130472TB

Tot Ion:188 Resp: 602396
Ion Ratio Lower Upper
188 100
94 8.9 8.0 12.0
80 9.0 8.3 12.5

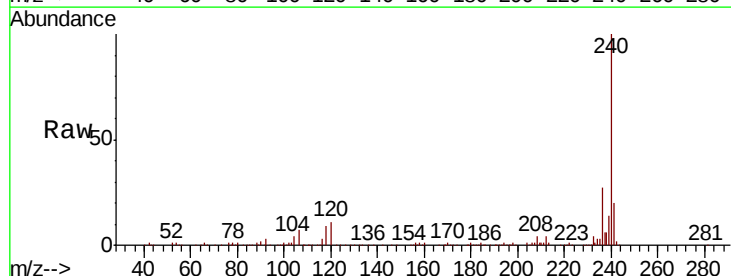


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

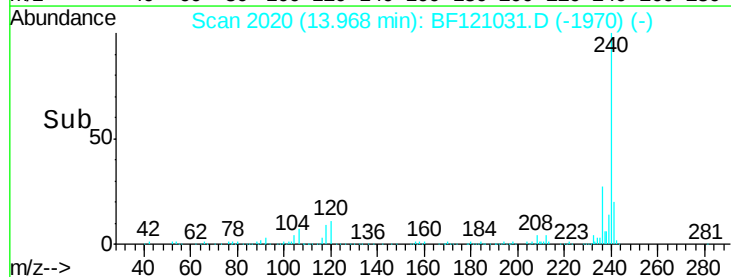
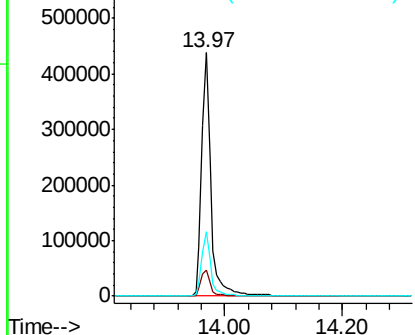


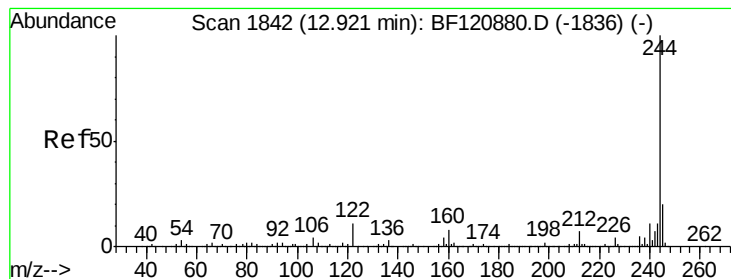
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF121031.D
Acq: 27 Jul 2020 14:22

Tgt Ion:240 Resp: 474608
Ion Ratio Lower Upper
240 100
120 10.7 9.0 13.4
236 26.7 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: 74.290 ng

RT: 12.92 min Scan# 1842

Delta R.T. 0.00 min

Lab File: BF121031.D

Acq: 27 Jul 2020 14:22

Instrument :

BNA_F

ClientSampleID :

PB130472TB

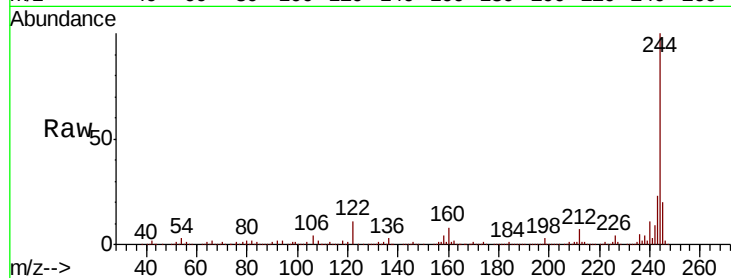
Tot Ion:244 Resp: 1621998

Ion Ratio Lower Upper

244 100

212 7.2 5.6 8.4

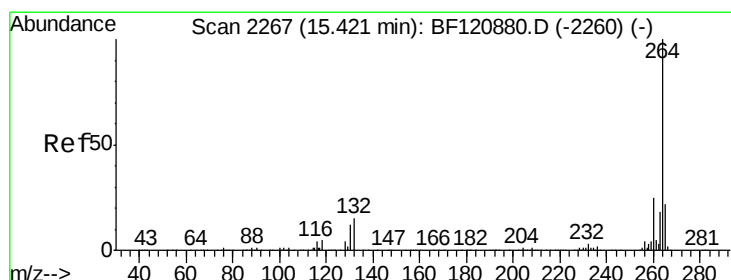
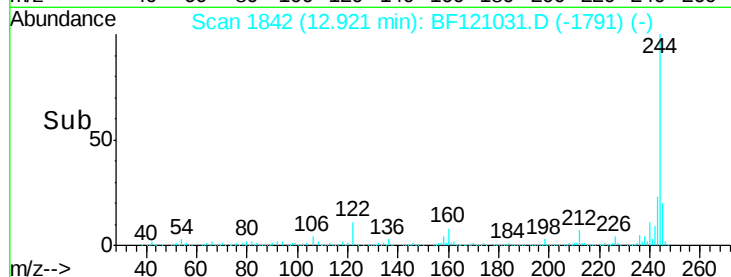
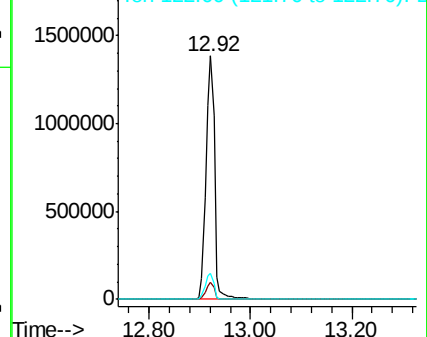
122 10.7 8.9 13.3



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# 2266

Delta R.T. -0.01 min

Lab File: BF121031.D

Acq: 27 Jul 2020 14:22

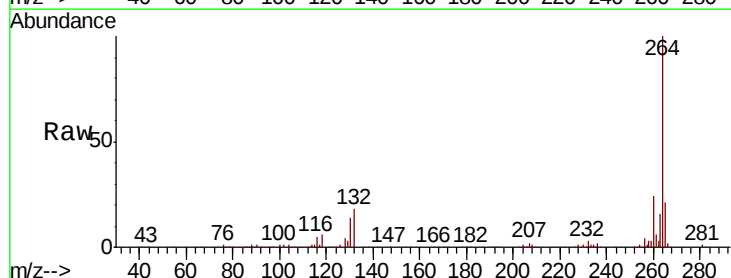
Tgt Ion:264 Resp: 424344

Ion Ratio Lower Upper

264 100

260 24.1 20.0 30.0

265 21.3 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

