

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072320\
 Data File : BF120981.D
 Acq On : 23 Jul 2020 14:38
 Operator : JU/CG
 Sample : PB130408BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB130408BL

Quant Time: Jul 23 16:33:10 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	192366	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	764058	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	411156	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	803564	20.00	ng	0.00
76) Chrysene-d12	13.97	240	684195	20.00	ng	0.00
86) Perylene-d12	15.42	264	623026	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1876758	159.94	ng	0.02
7) Phenol-d6	6.45	99	2438150	160.85	ng	0.00
23) Nitrobenzene-d5	7.38	82	1575229	119.29	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	832569	184.99	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	2760642	100.25	ng	0.00
79) Terphenyl-d14	12.93	244	2798821	88.92	ng	0.00

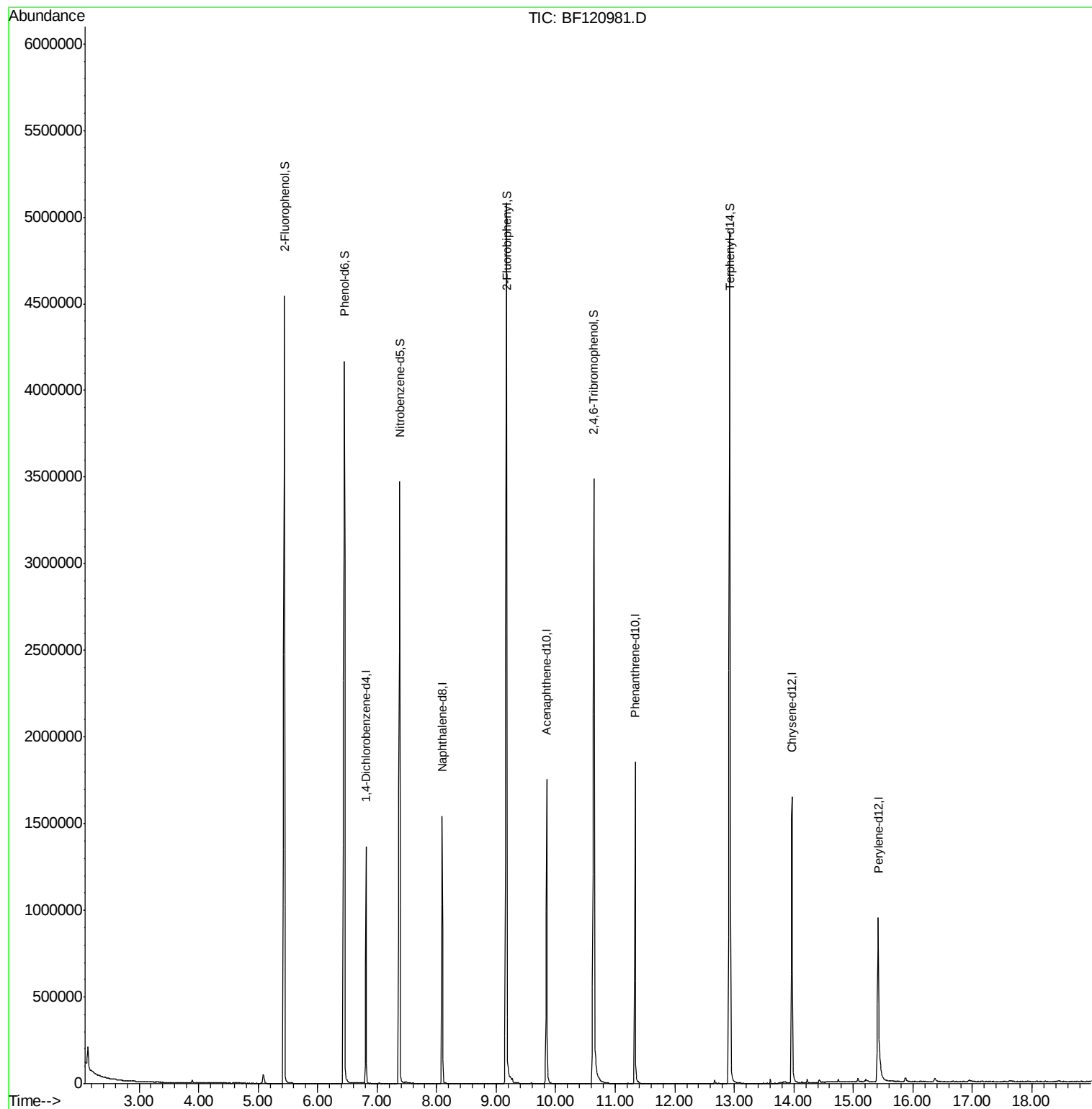
Target Compounds Qvalue

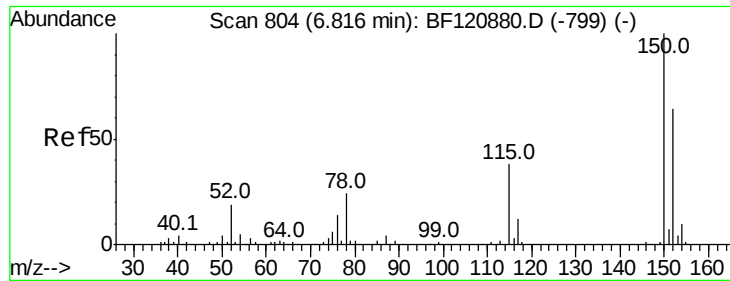
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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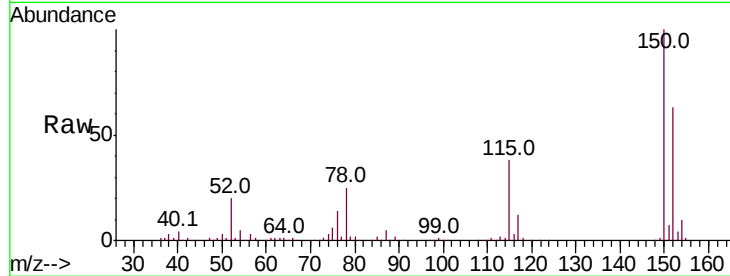


#1

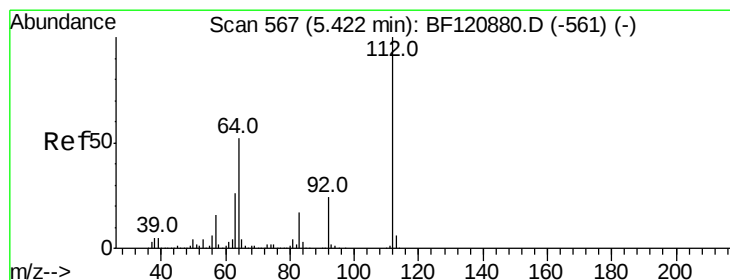
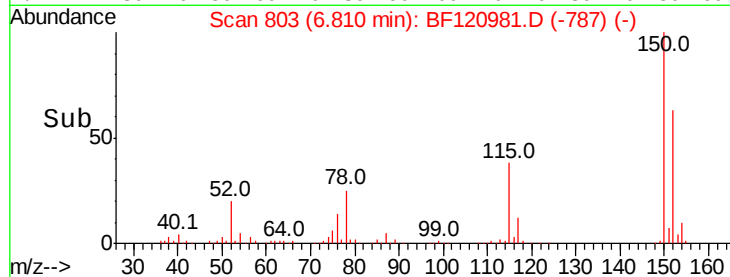
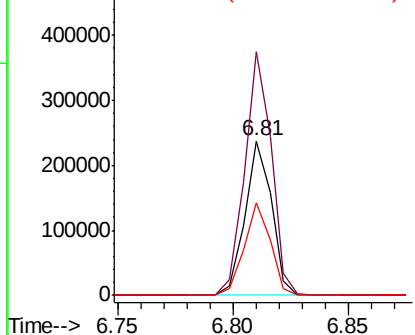
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.81 min Scan# 803
 Delta R.T. -0.01 min
 Lab File: BF120981.D
 Acq: 23 Jul 2020 14:38

Instrument :
 BNA_F
 ClientSampleId :
 PB130408BL

Tot Ion:152 Resp: 192366
 Ion Ratio Lower Upper
 152 100
 150 157.8 125.0 187.6
 115 60.3 47.0 70.4



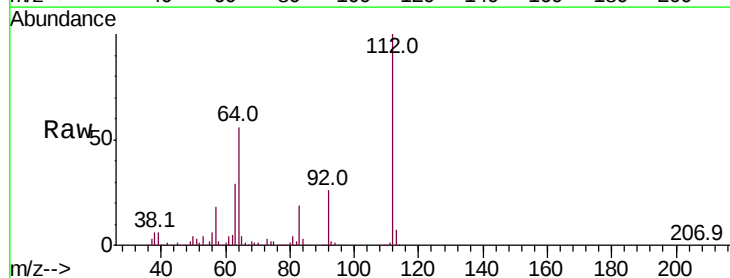
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



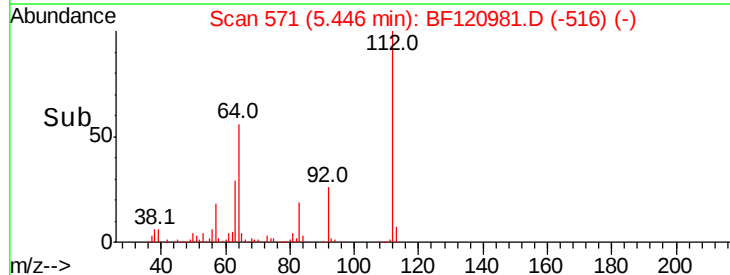
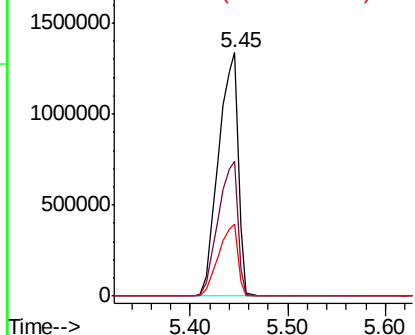
#5

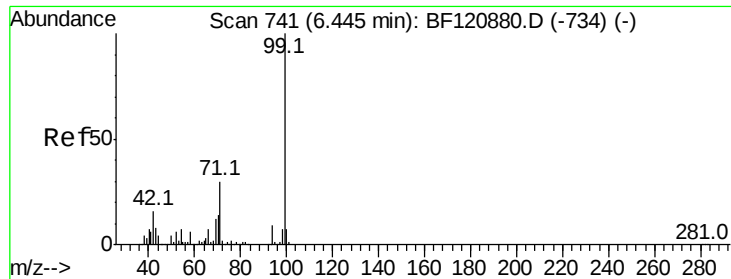
2-Fluorophenol
 Concen: 159.939 ng
 RT: 5.45 min Scan# 571
 Delta R.T. 0.02 min
 Lab File: BF120981.D
 Acq: 23 Jul 2020 14:38

Tgt Ion:112 Resp: 1876758
 Ion Ratio Lower Upper
 112 100
 64 55.6 41.3 61.9
 63 29.4 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: 160.853 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF120981.D

Acq: 23 Jul 2020 14:38

Instrument :

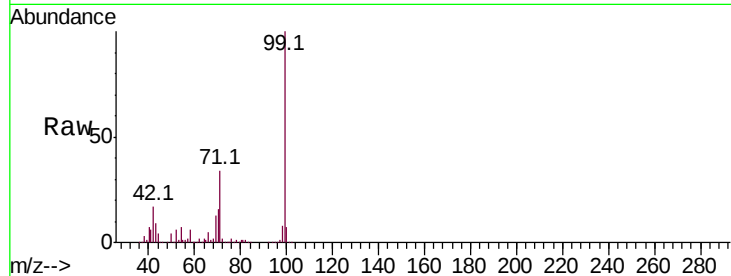
BNA_F

ClientSampleId :

PB130408BL

Tot Ion: 99 Resp: 2438150

Ion	Ratio	Lower	Upper
99	100		
42	17.5	13.1	19.7
71	33.9	24.2	36.4

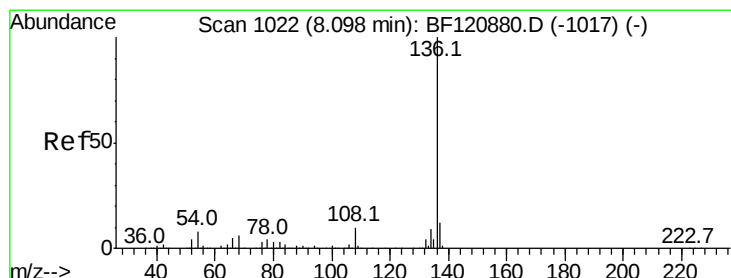
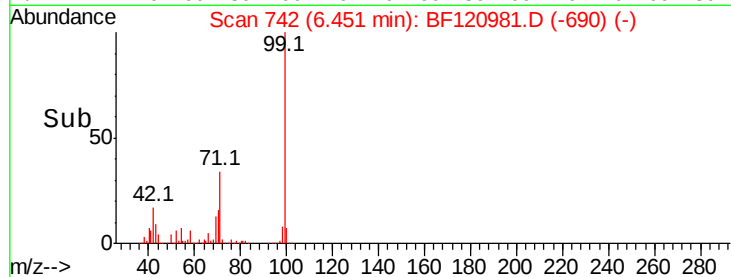
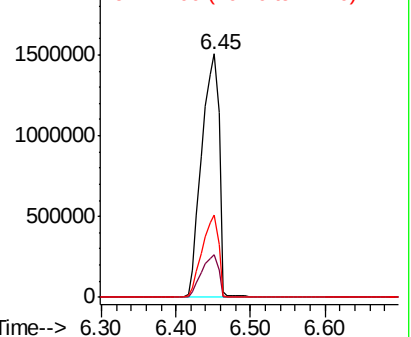


Abundance

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

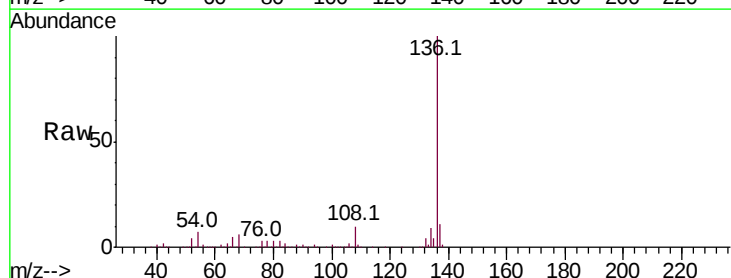
Delta R.T. -0.01 min

Lab File: BF120981.D

Acq: 23 Jul 2020 14:38

Tgt Ion: 136 Resp: 764058

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.3	13.9
54	7.4	6.3	9.5
68	5.9	5.0	7.4



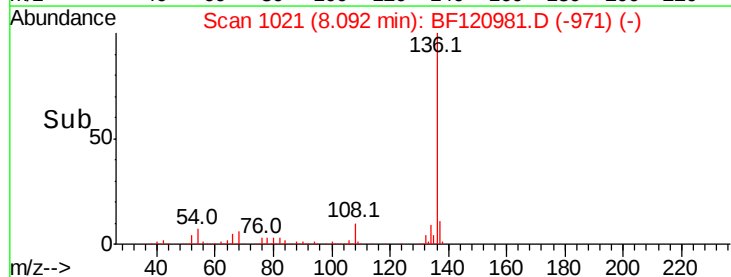
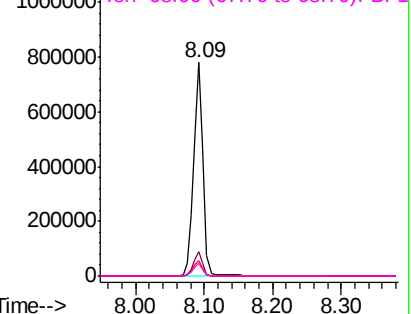
Abundance

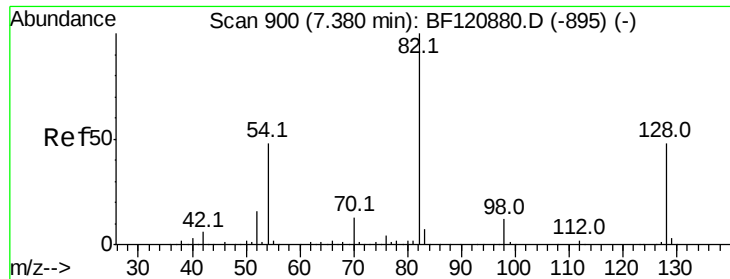
Ion 136.00 (135.70 to 136.70): E

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

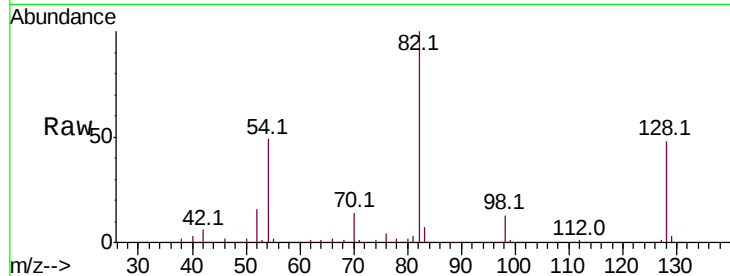




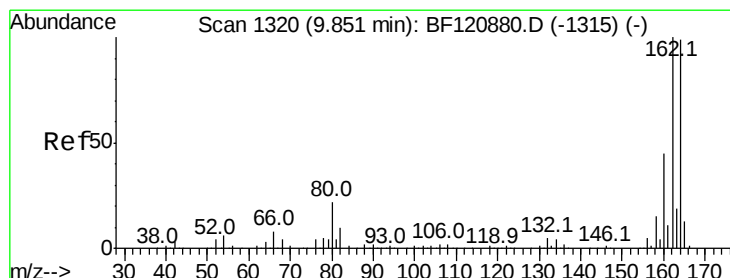
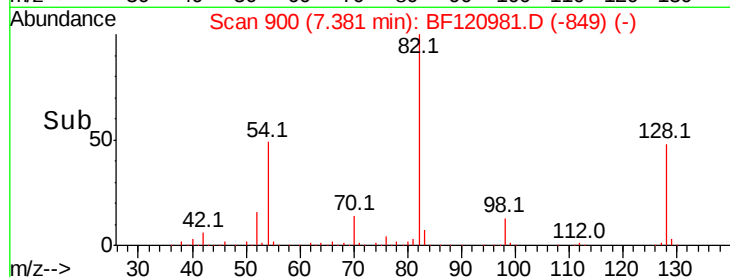
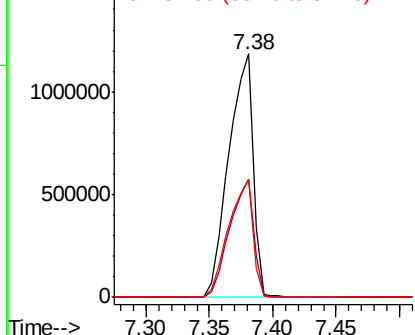
#23
 Nitrobenzene-d5
 Concen: 119.294 ng
 RT: 7.38 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: BF120981.D
 Acq: 23 Jul 2020 14:38

Instrument :
 BNA_F
 ClientSampleId :
 PB130408BL

Tot Ion: 82 Resp: 1575229
 Ion Ratio Lower Upper
 82 100
 128 48.3 38.2 57.4
 54 48.5 38.7 58.1

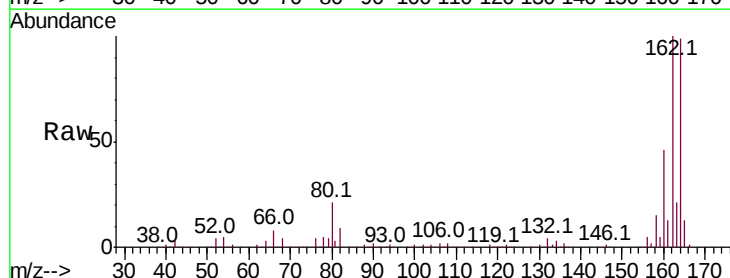


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

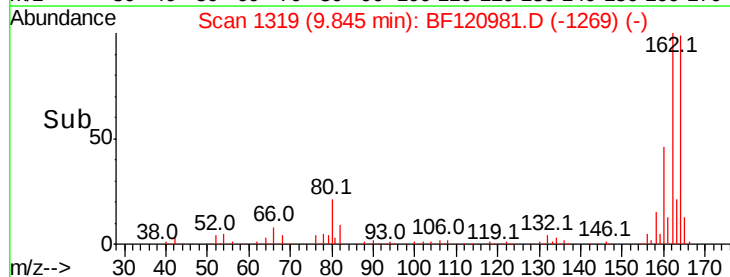
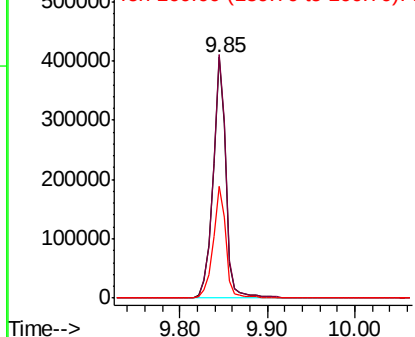


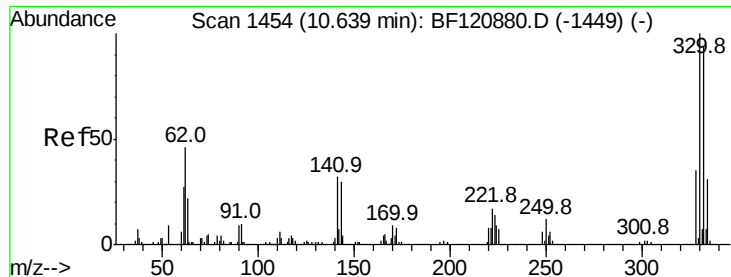
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.01 min
 Lab File: BF120981.D
 Acq: 23 Jul 2020 14:38

Tgt Ion:164 Resp: 411156
 Ion Ratio Lower Upper
 164 100
 162 101.1 81.2 121.8
 160 46.7 36.9 55.3



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

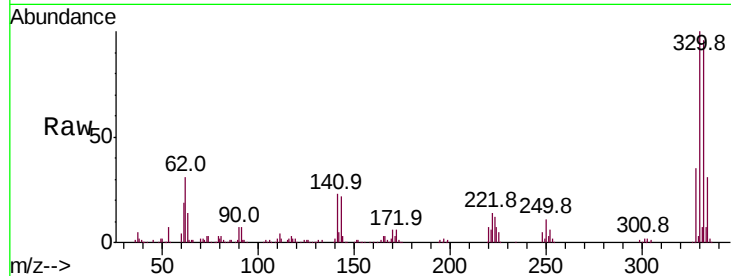




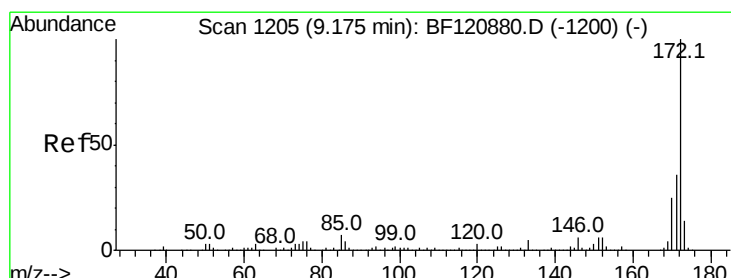
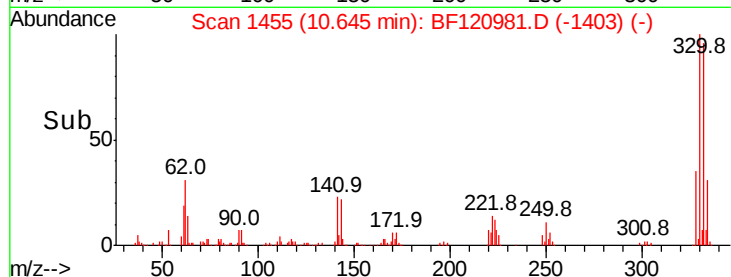
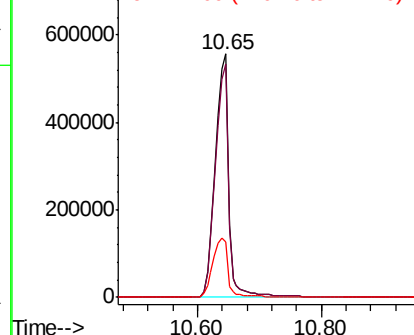
#42
 2,4,6-Tribromophenol
 Concen: 184.994 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. 0.01 min
 Lab File: BF120981.D
 Acq: 23 Jul 2020 14:38

Instrument :
 BNA_F
 ClientSampleId :
 PB130408BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	75.5	113.3
141	27.9	25.7	38.5

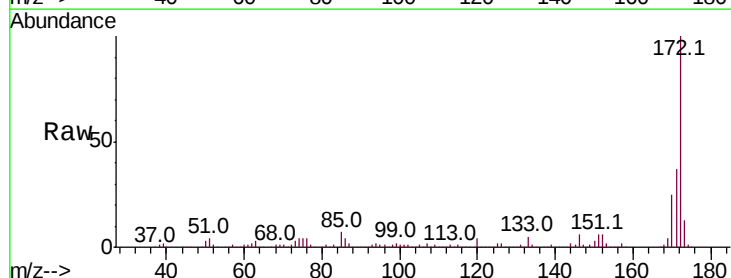


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

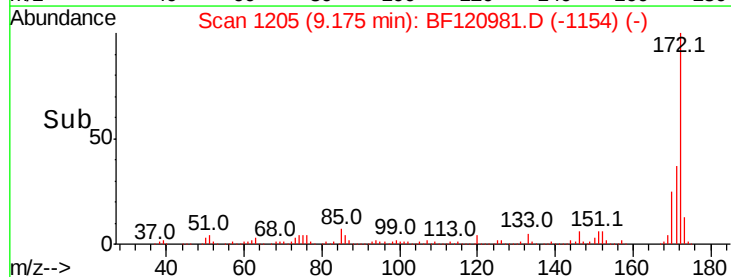
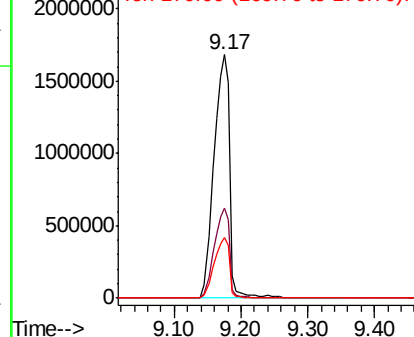


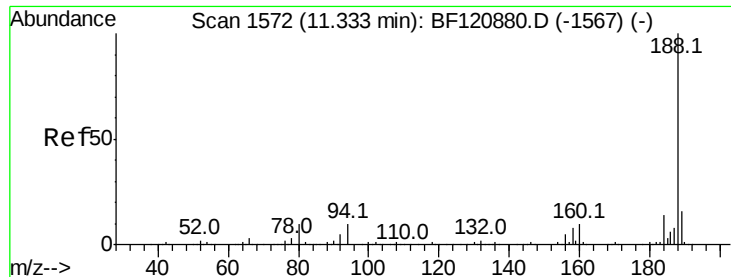
#45
 2-Fluorobiphenyl
 Concen: 100.248 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BF120981.D
 Acq: 23 Jul 2020 14:38

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.0	43.4
170	24.8	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: BF120981.D

Acq: 23 Jul 2020 14:38

Instrument :

BNA_F

ClientSampleId :

PB130408BL

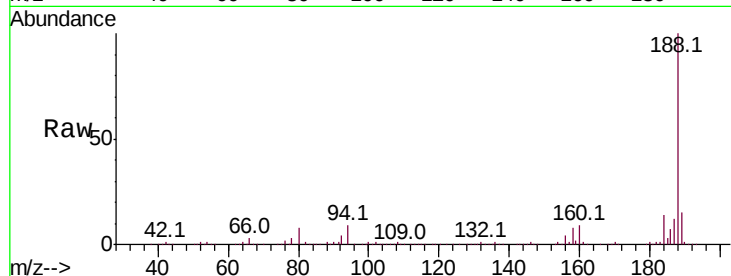
Tot Ion:188 Resp: 803564

Ion Ratio Lower Upper

188 100

94 8.5 8.0 12.0

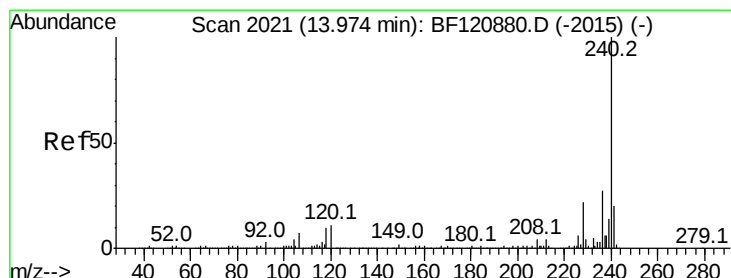
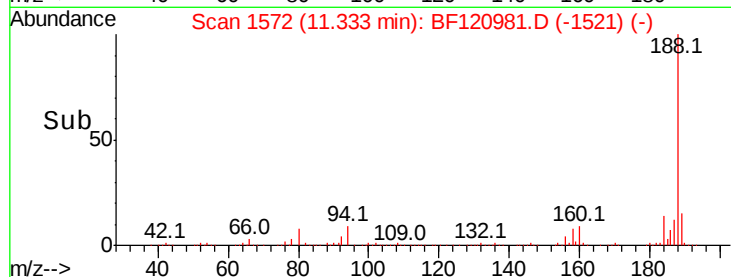
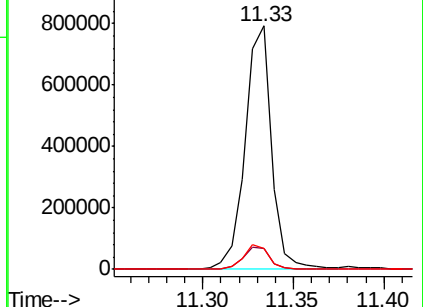
80 8.4 8.3 12.5



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: BF120981.D

Acq: 23 Jul 2020 14:38

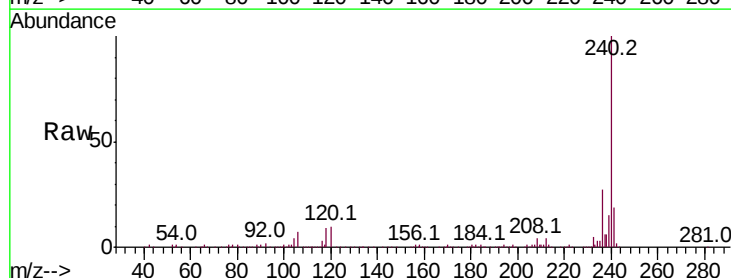
Tgt Ion:240 Resp: 684195

Ion Ratio Lower Upper

240 100

120 10.1 9.0 13.4

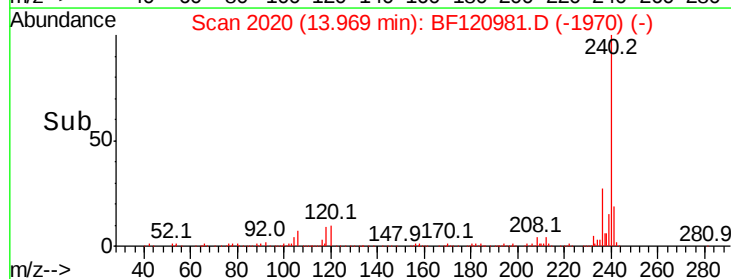
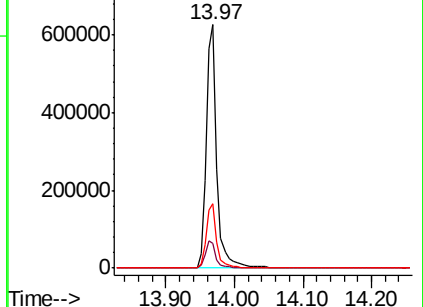
236 26.7 21.7 32.5

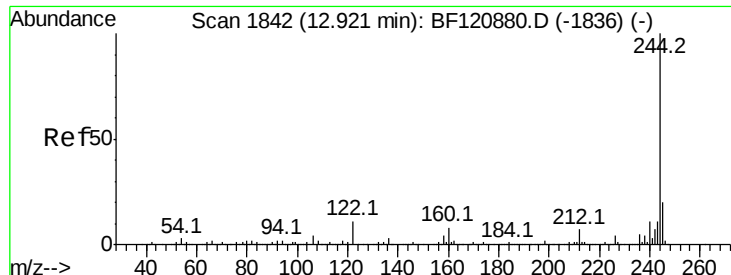


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 88.922 ng

RT: 12.93 min Scan# 1843

Delta R.T. 0.01 min

Lab File: BF120981.D

Acq: 23 Jul 2020 14:38

Instrument :

BNA_F

ClientSampleId :

PB130408BL

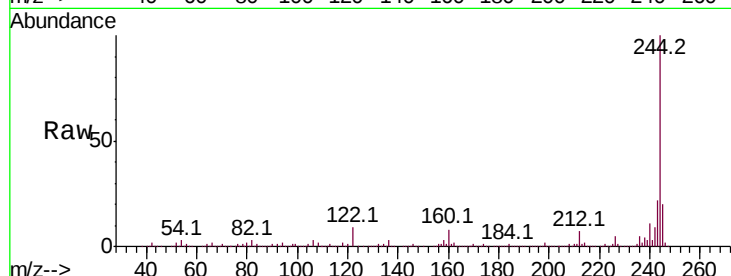
Tot Ion:244 Resp: 2798821

Ion Ratio Lower Upper

244 100

212 7.2 5.6 8.4

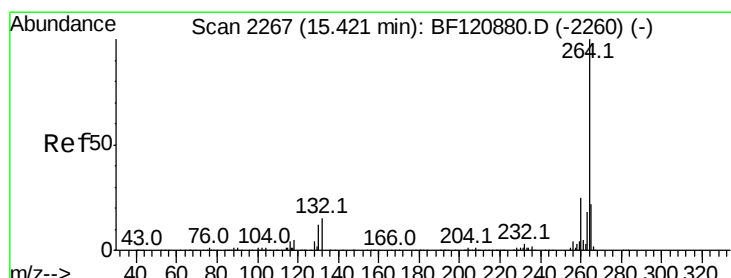
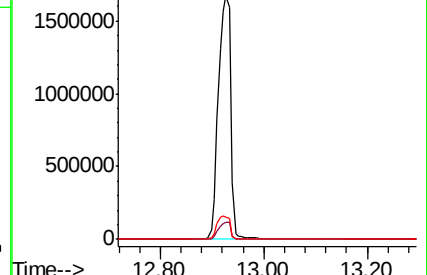
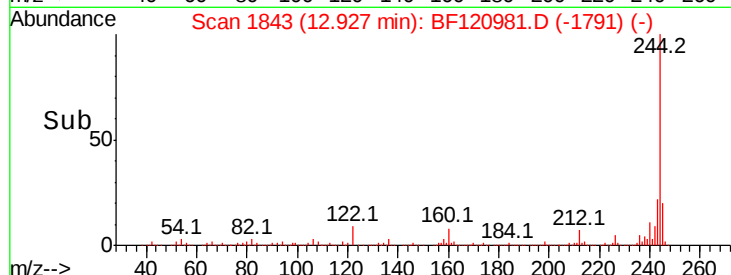
122 9.1 8.9 13.3



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: BF120981.D

Acq: 23 Jul 2020 14:38

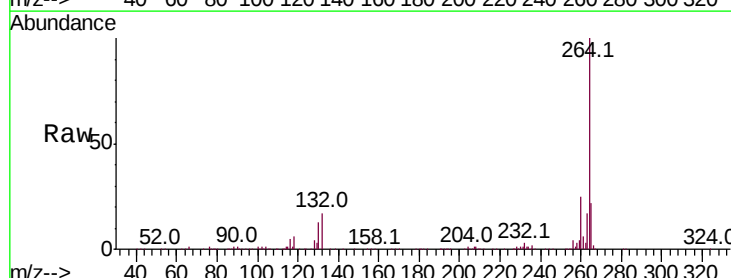
Tgt Ion:264 Resp: 623026

Ion Ratio Lower Upper

264 100

260 25.0 20.0 30.0

265 22.0 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

