

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072720\
 Data File : BF121052.D
 Acq On : 28 Jul 2020 1:22
 Operator : JU/CG
 Sample : L3382-11
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CTR-023

Quant Time: Jul 28 02:19:10 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	6.82	152	168229	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	638103	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	334036	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	672880	20.00	ng	0.00
76) Chrysene-d12	13.97	240	501818	20.00	ng	0.00
86) Perylene-d12	15.42	264	404933	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	1103169	107.50	ng	0.02
7) Phenol-d6	6.45	99	1160830	87.57	ng	0.00
23) Nitrobenzene-d5	7.37	82	937322	85.00	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	489110	133.77	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1596026	71.34	ng	0.00
79) Terphenyl-d14	12.92	244	1844529	79.90	ng	0.00

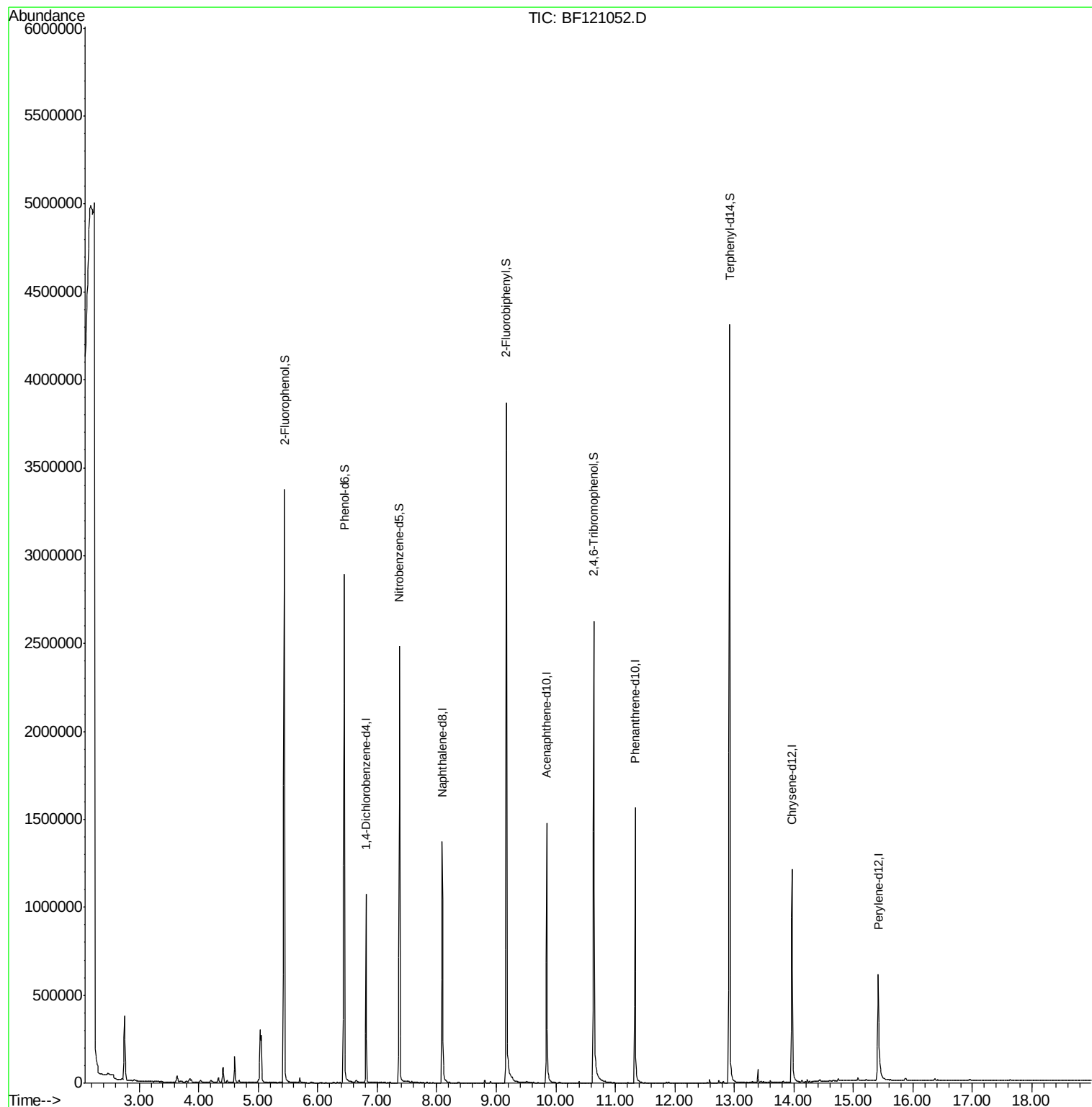
Target Compounds Qvalue

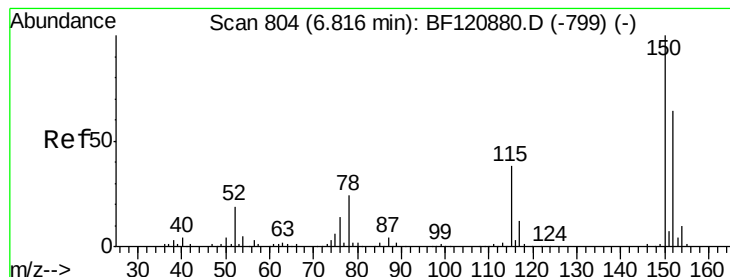
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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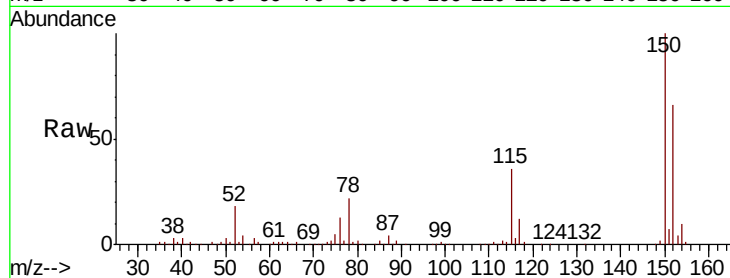


#1

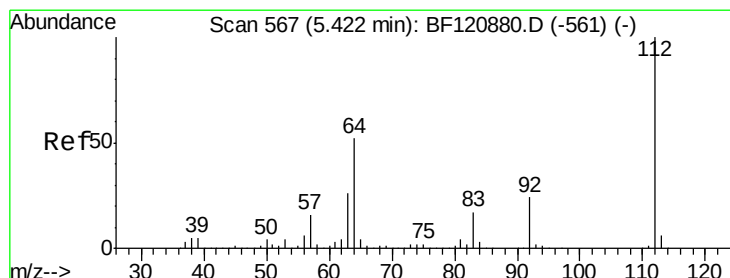
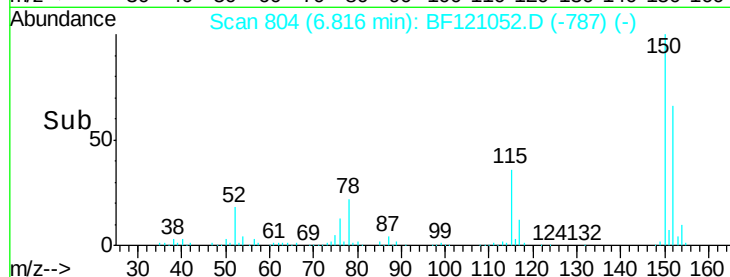
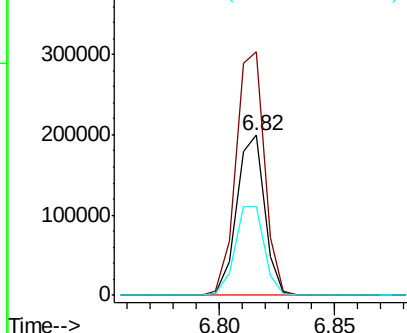
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF121052.D
Acq: 28 Jul 2020 1:22

Instrument :
BNA_F
ClientSampleId :
CTR-023

Tot Ion:152 Resp: 168229
Ion Ratio Lower Upper
152 100
150 152.2 125.0 187.6
115 55.1 47.0 70.4



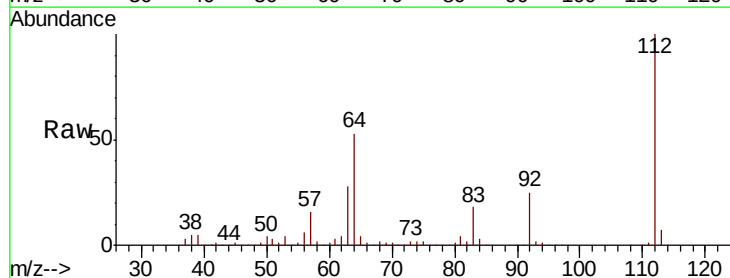
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



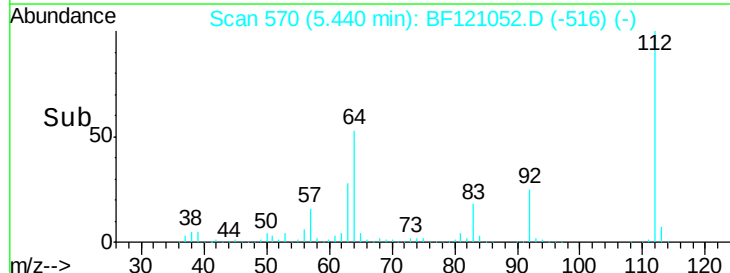
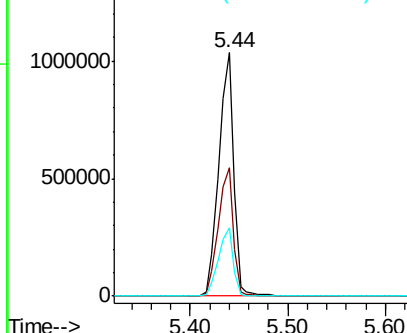
#5

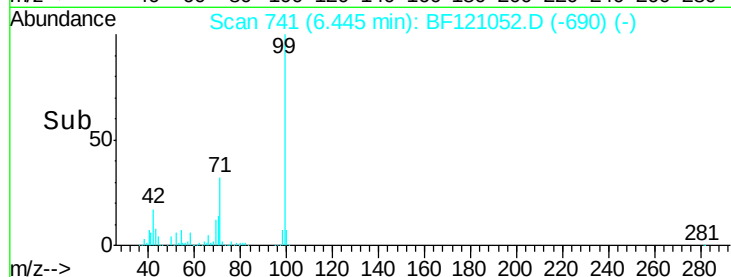
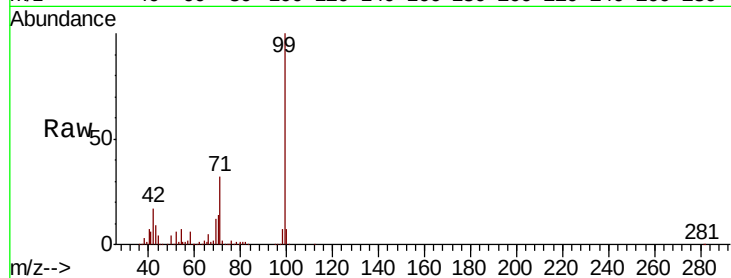
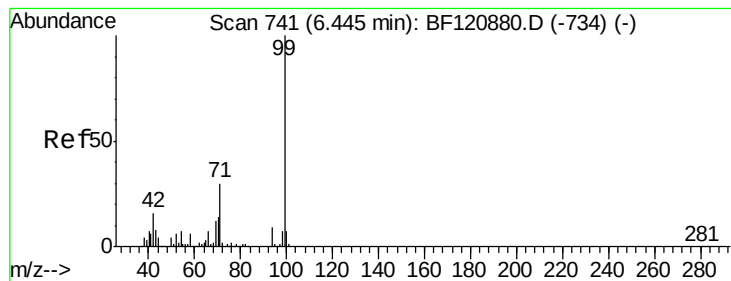
2-Fluorophenol
Concen: 107.502 ng
RT: 5.44 min Scan# 570
Delta R.T. 0.02 min
Lab File: BF121052.D
Acq: 28 Jul 2020 1:22

Tgt Ion:112 Resp: 1103169
Ion Ratio Lower Upper
112 100
64 52.7 41.3 61.9
63 27.8 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: 87.572 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF121052.D

Acq: 28 Jul 2020 1:22

Instrument :

BNA_F

ClientSampled :

CTR-023

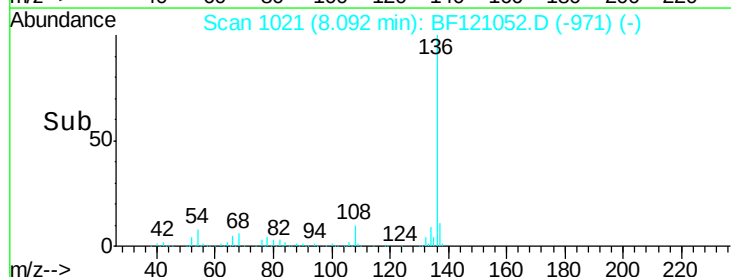
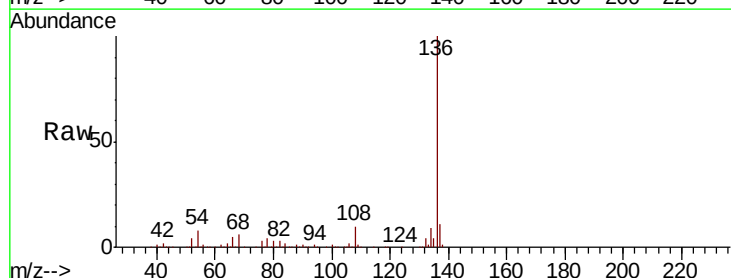
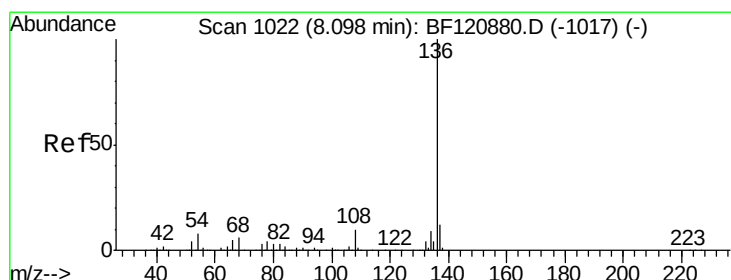
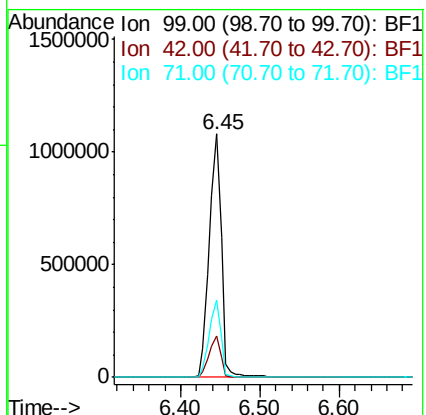
Tot Ion: 99 Resp: 1160830

Ion Ratio Lower Upper

99 100

42 16.9 13.1 19.7

71 31.7 24.2 36.4



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF121052.D

Acq: 28 Jul 2020 1:22

Tgt Ion: 136 Resp: 638103

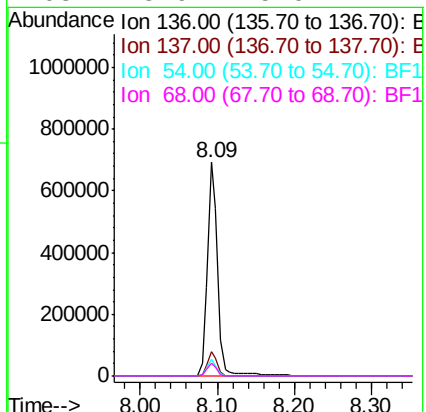
Ion Ratio Lower Upper

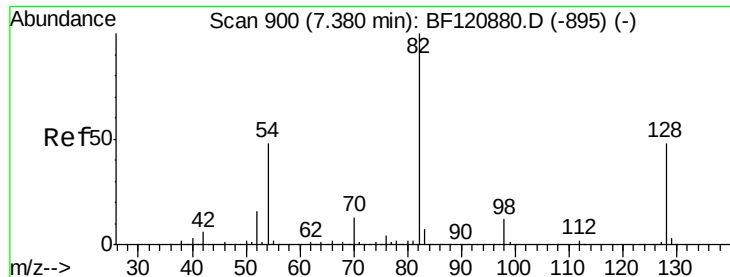
136 100

137 11.3 9.3 13.9

54 7.6 6.3 9.5

68 5.9 5.0 7.4

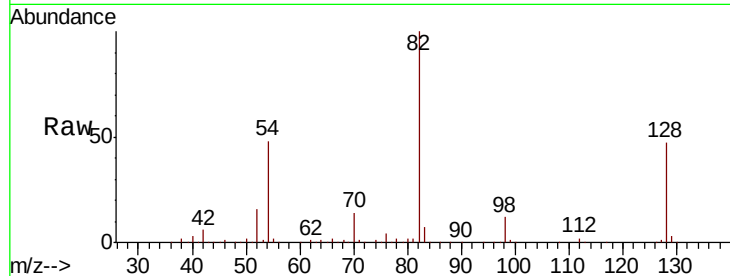




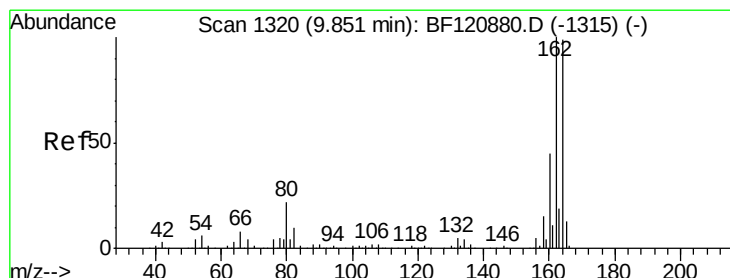
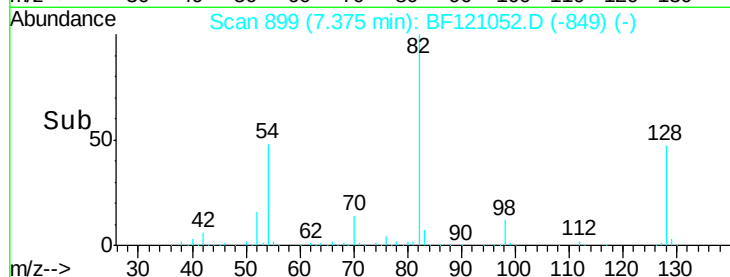
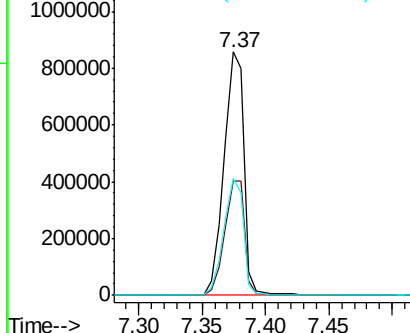
#23
Nitrobenzene-d5
Concen: 84.996 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF121052.D
Acq: 28 Jul 2020 1:22

Instrument :
BNA_F
ClientSampled :
CTR-023

Tot Ion: 82 Resp: 937322
Ion Ratio Lower Upper
82 100
128 47.1 38.2 57.4
54 48.0 38.7 58.1

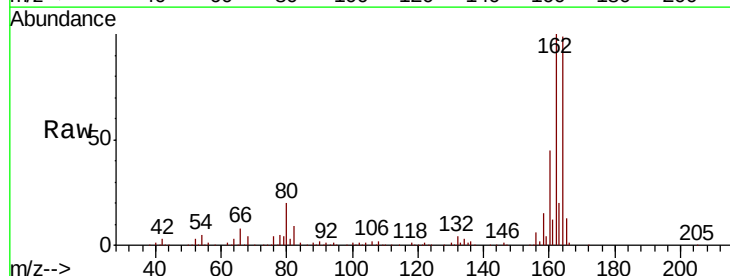


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

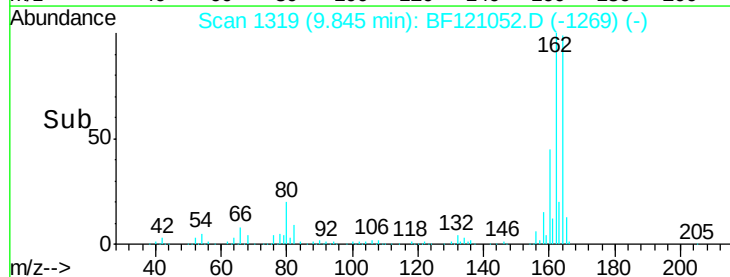
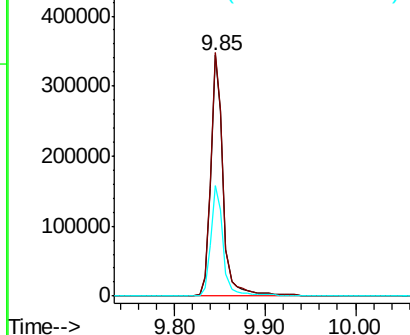


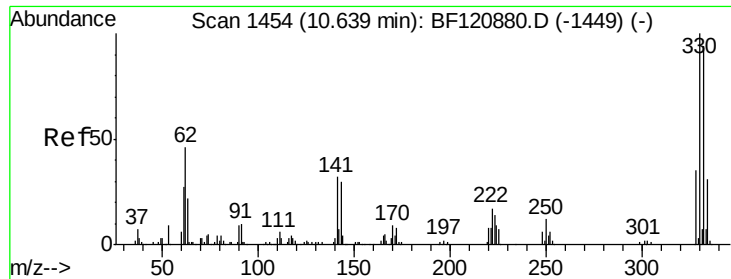
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF121052.D
Acq: 28 Jul 2020 1:22

Tgt Ion: 164 Resp: 334036
Ion Ratio Lower Upper
164 100
162 101.2 81.2 121.8
160 45.7 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: 133.770 ng

RT: 10.64 min Scan# 1454

Delta R.T. 0.00 min

Lab File: BF121052.D

Acq: 28 Jul 2020 1:22

Instrument :

BNA_F

ClientSampled :

CTR-023

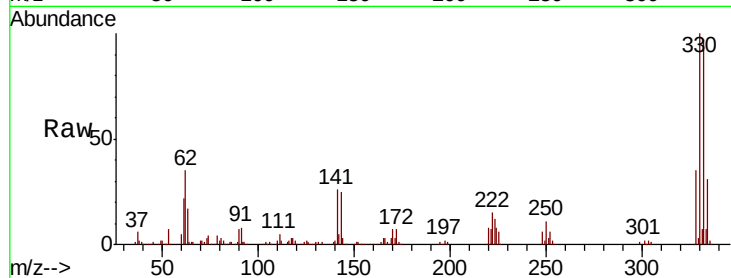
Tot Ion:330 Resp: 489110

Ion Ratio Lower Upper

330 100

332 97.4 75.5 113.3

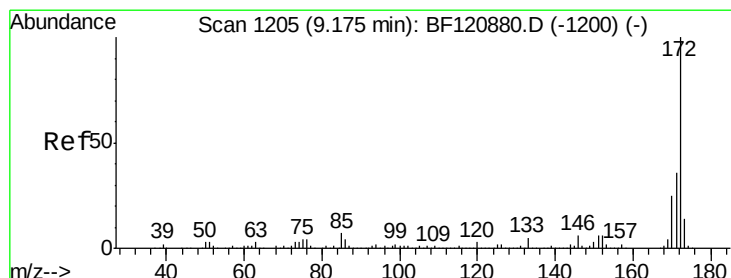
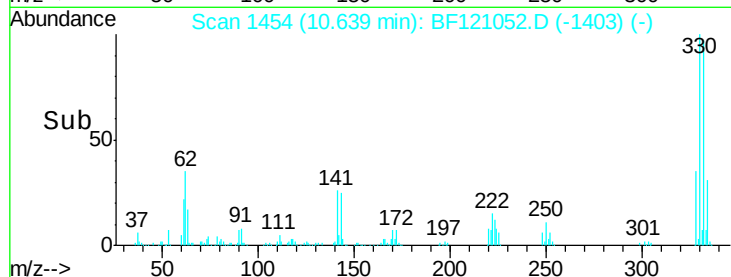
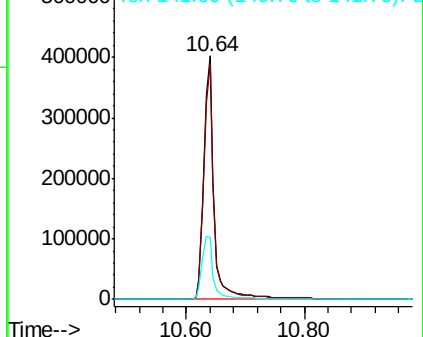
141 29.3 25.7 38.5



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: 71.338 ng

RT: 9.17 min Scan# 1204

Delta R.T. -0.01 min

Lab File: BF121052.D

Acq: 28 Jul 2020 1:22

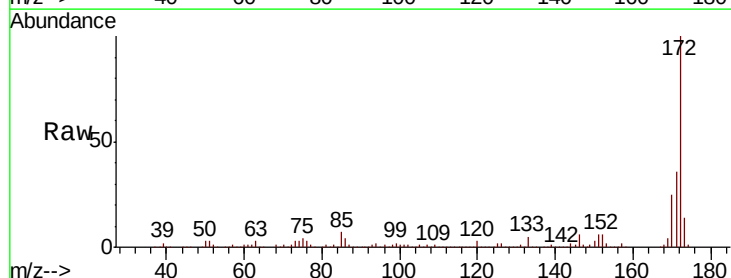
Tgt Ion:172 Resp: 1596026

Ion Ratio Lower Upper

172 100

171 36.3 29.0 43.4

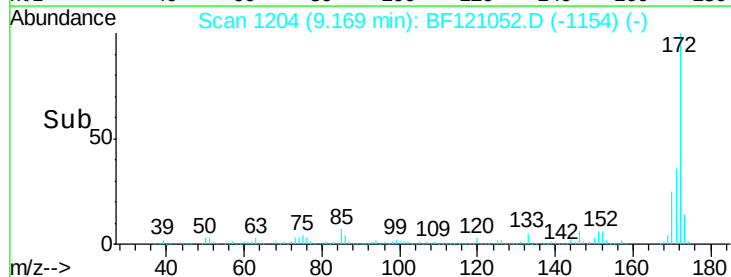
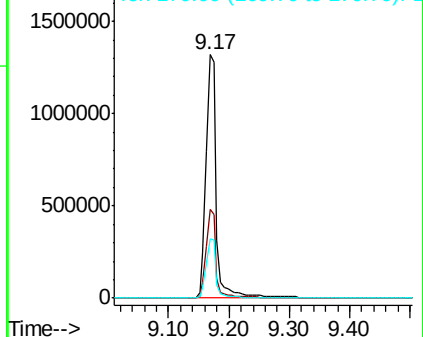
170 24.5 19.6 29.4

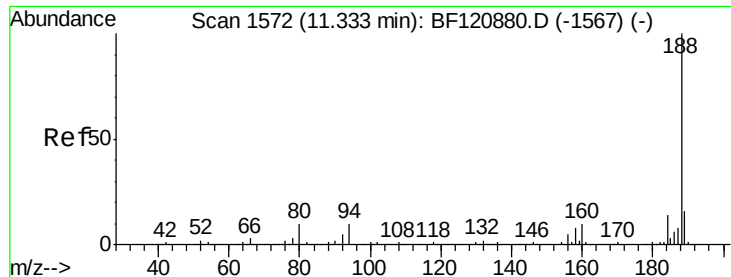


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

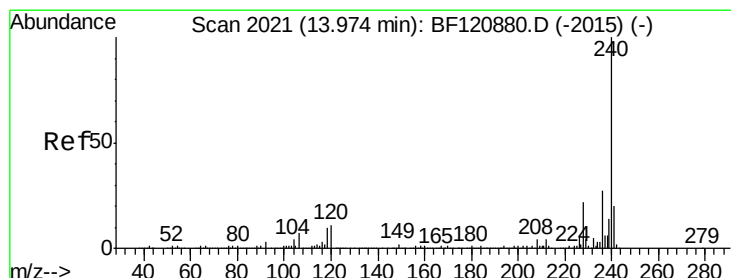
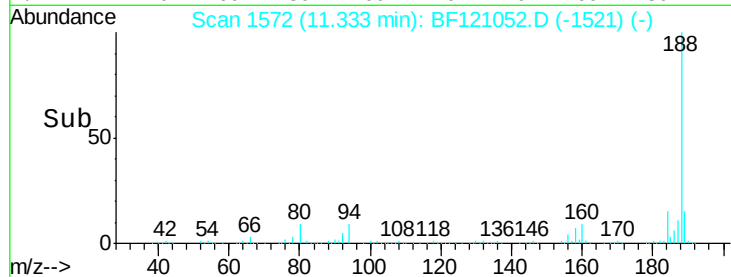
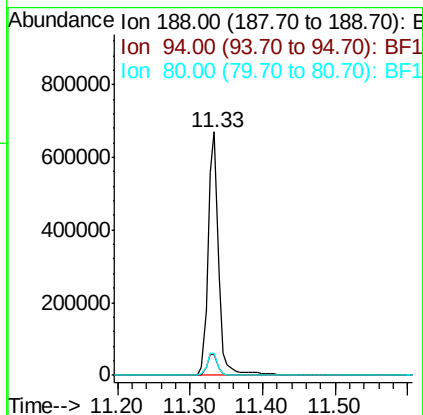
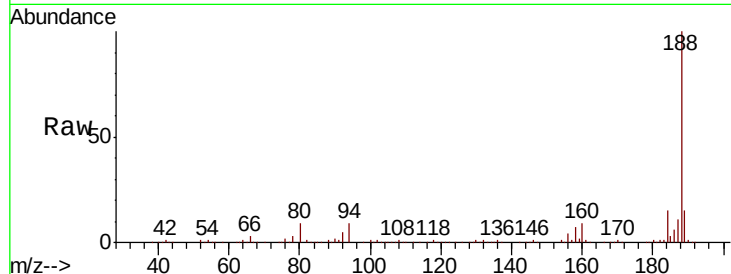




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1572
 Delta R.T. 0.00 min
 Lab File: BF121052.D
 Acq: 28 Jul 2020 1:22

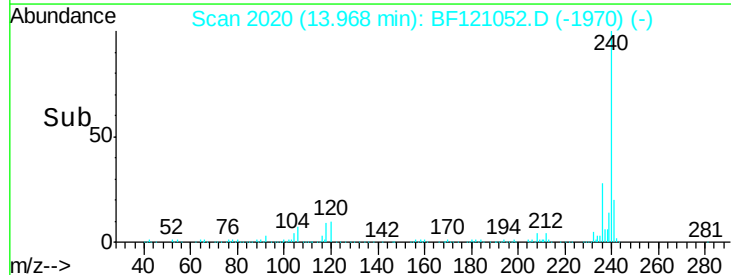
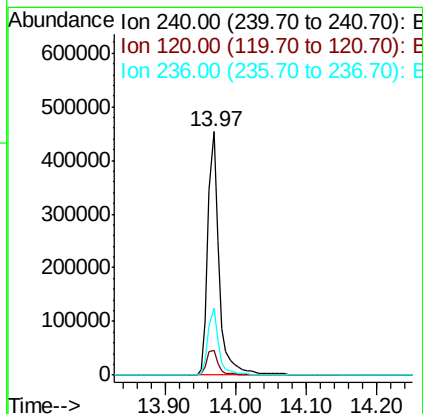
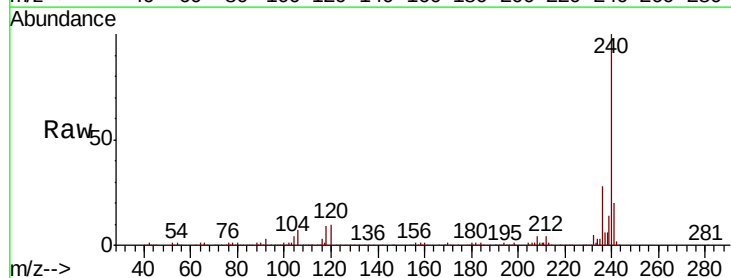
Instrument :
 BNA_F
 ClientSampleId :
 CTR-023

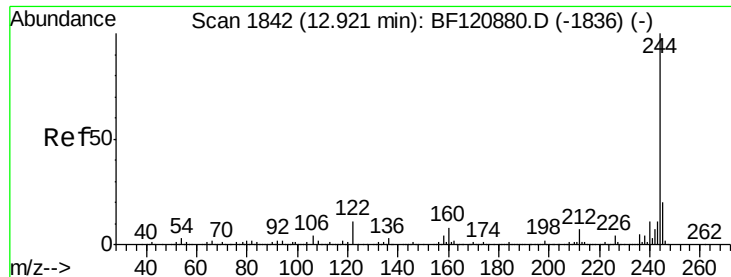
Tot Ion	Ratio	Lower	Upper
188	100		
94	8.6	8.0	12.0
80	8.9	8.3	12.5



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.01 min
 Lab File: BF121052.D
 Acq: 28 Jul 2020 1:22

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.3	9.0	13.4
236	27.7	21.7	32.5





#79

Terphenyl-d14

Concen: 79.902 ng

RT: 12.92 min Scan# 1842

Delta R.T. 0.00 min

Lab File: BF121052.D

Acq: 28 Jul 2020 1:22

Instrument :

BNA_F

ClientSampleId :

CTR-023

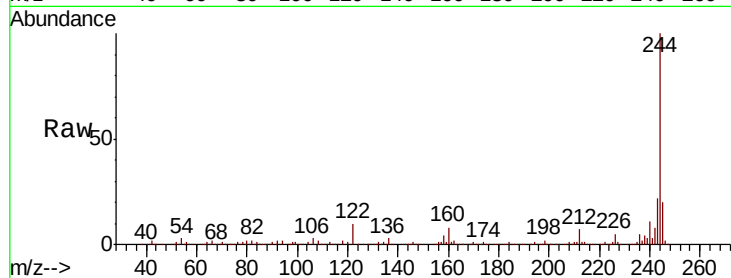
Tot Ion:244 Resp: 1844529

Ion Ratio Lower Upper

244 100

212 7.1 5.6 8.4

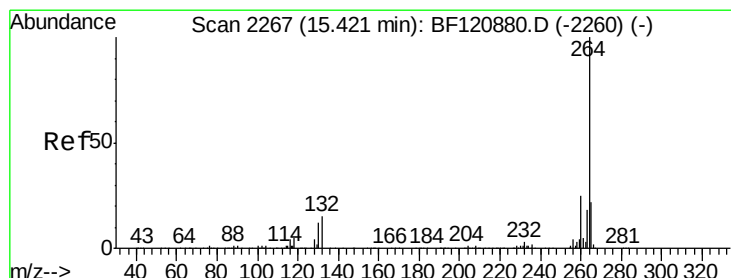
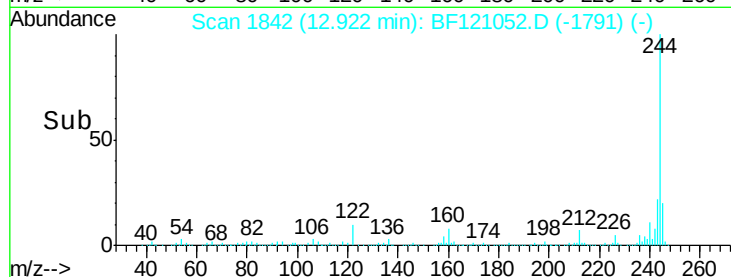
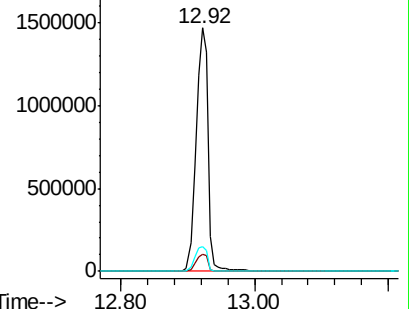
122 10.1 8.9 13.3



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: BF121052.D

Acq: 28 Jul 2020 1:22

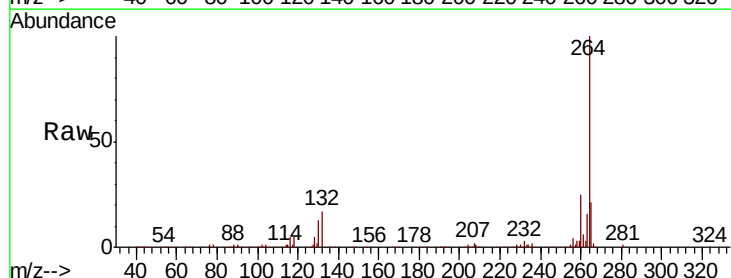
Tgt Ion:264 Resp: 404933

Ion Ratio Lower Upper

264 100

260 24.6 20.0 30.0

265 21.2 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

