

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072720\
 Data File : BF121053.D
 Acq On : 28 Jul 2020 1:52
 Operator : JU/CG
 Sample : L3382-23
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CTR-024

Quant Time: Jul 28 02:20:43 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	175199	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	646113	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	352193	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	705710	20.00	ng	0.00
76) Chrysene-d12	13.97	240	545427	20.00	ng	0.00
86) Perylene-d12	15.42	264	430280	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	1125037	105.27	ng	0.02
7) Phenol-d6	6.45	99	1185416	85.87	ng	0.00
23) Nitrobenzene-d5	7.38	82	990926	88.74	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	517527	134.24	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1623855	68.84	ng	0.00
79) Terphenyl-d14	12.92	244	1946391	77.57	ng	0.00

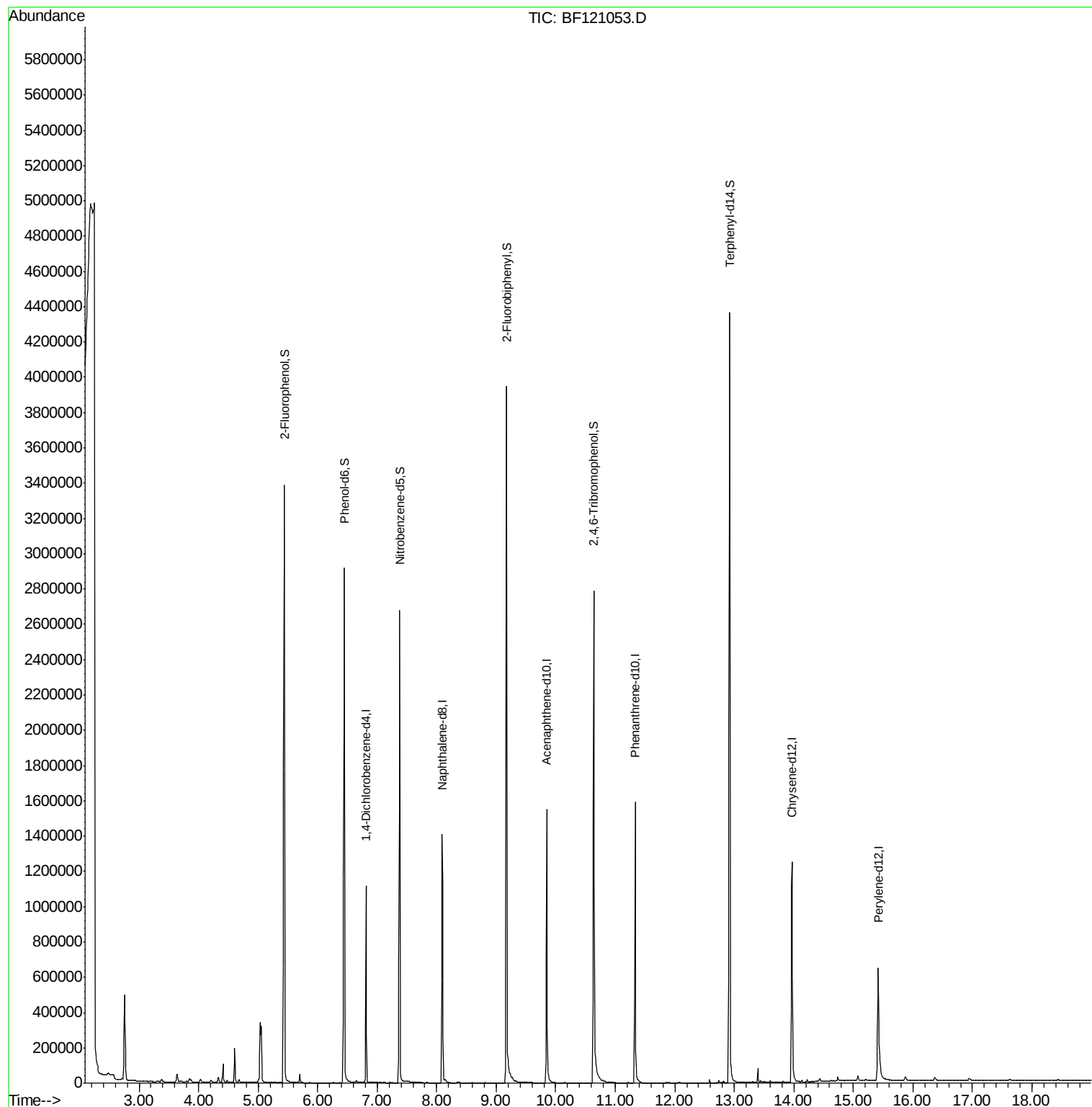
Target Compounds Qvalue

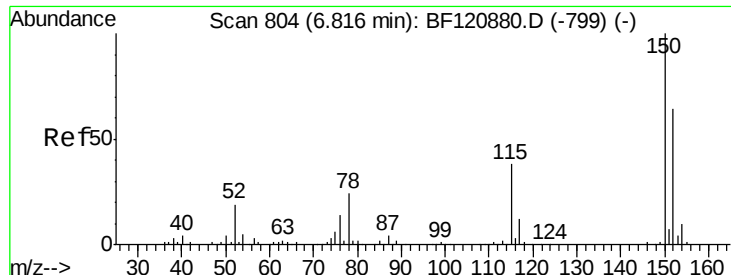
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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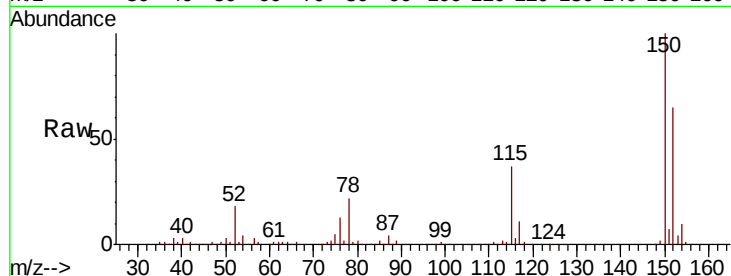


#1

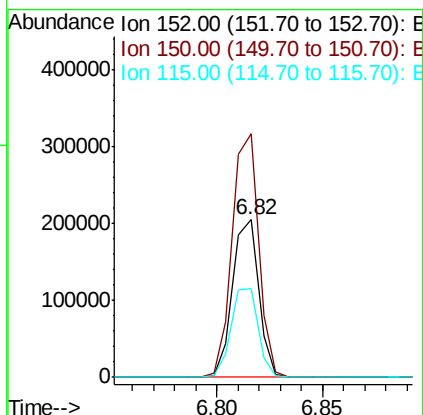
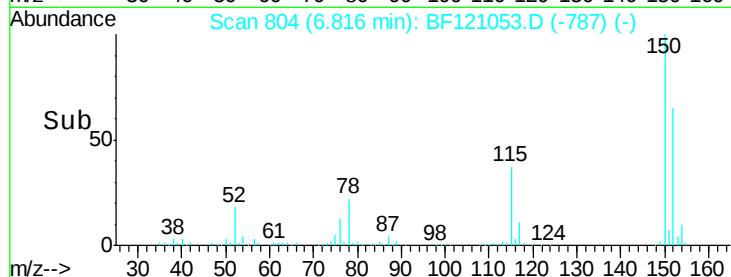
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF121053.D
Acq: 28 Jul 2020 1:52

Instrument :
BNA_F
ClientSampleId :
CTR-024

Tot Ion:152 Resp: 175199
Ion Ratio Lower Upper
152 100
150 154.7 125.0 187.6
115 56.7 47.0 70.4



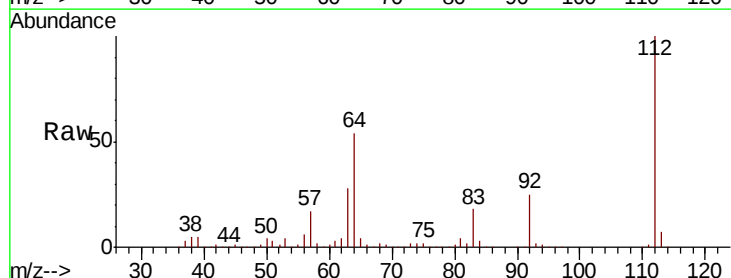
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



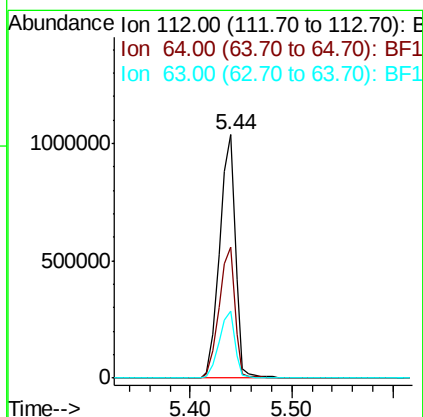
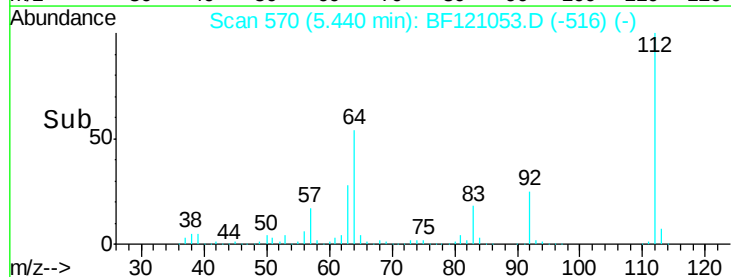
#5

2-Fluorophenol
Concen: 105.271 ng
RT: 5.44 min Scan# 570
Delta R.T. 0.02 min
Lab File: BF121053.D
Acq: 28 Jul 2020 1:52

Tgt Ion:112 Resp: 1125037
Ion Ratio Lower Upper
112 100
64 53.8 41.3 61.9
63 27.7 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: 85.869 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF121053.D

Acq: 28 Jul 2020 1:52

Instrument :

BNA_F

ClientSampled :

CTR-024

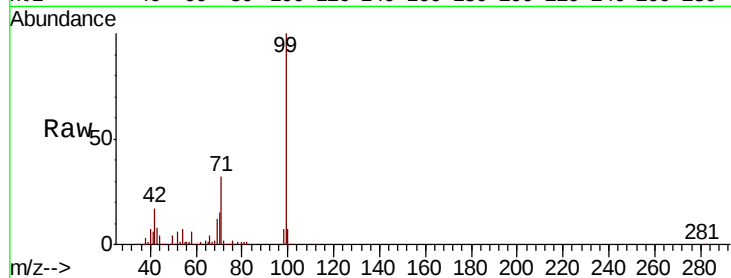
Tot Ion: 99 Resp: 1185416

Ion Ratio Lower Upper

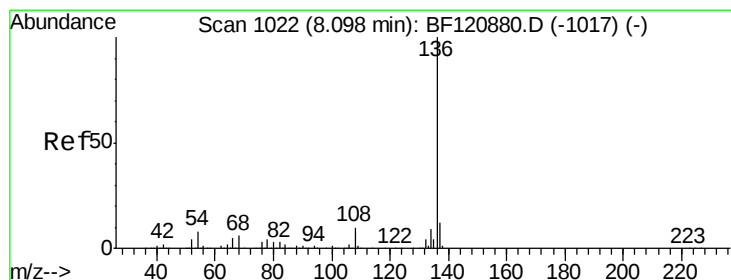
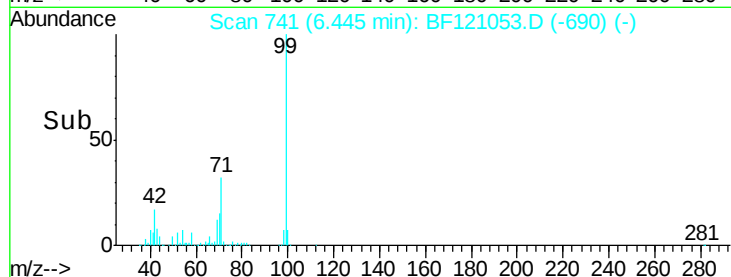
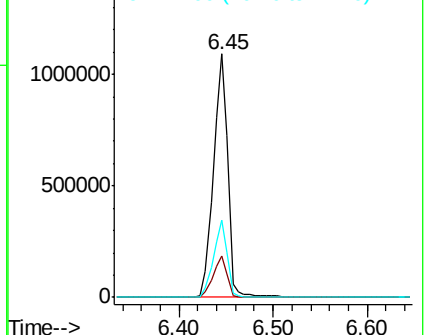
99 100

42 16.8 13.1 19.7

71 31.6 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: BF121053.D

Acq: 28 Jul 2020 1:52

Tgt Ion: 136 Resp: 646113

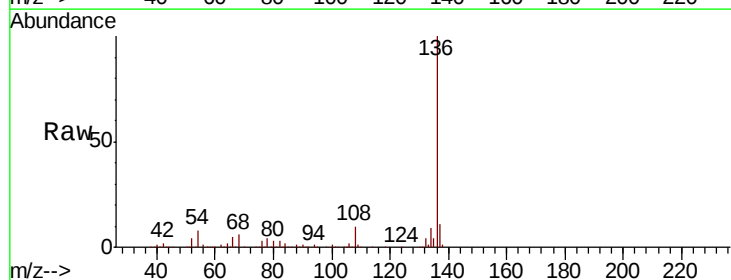
Ion Ratio Lower Upper

136 100

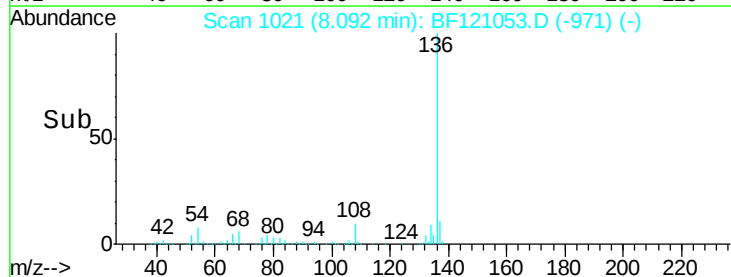
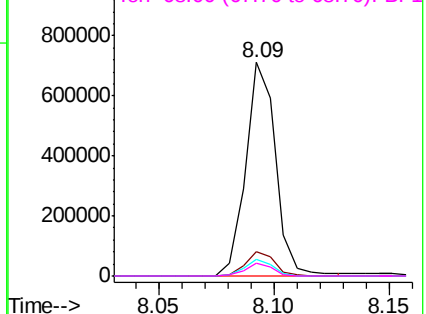
137 11.3 9.3 13.9

54 7.7 6.3 9.5

68 6.2 5.0 7.4



Abundance Ion 136.00 (135.70 to 136.70): 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

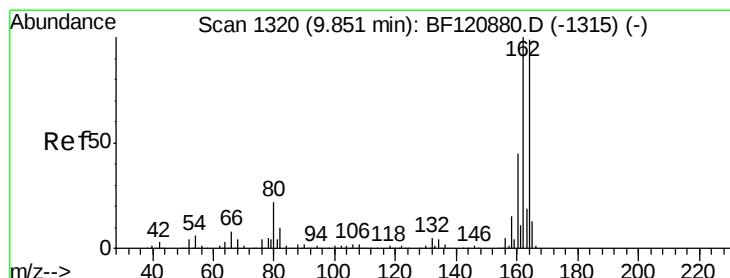
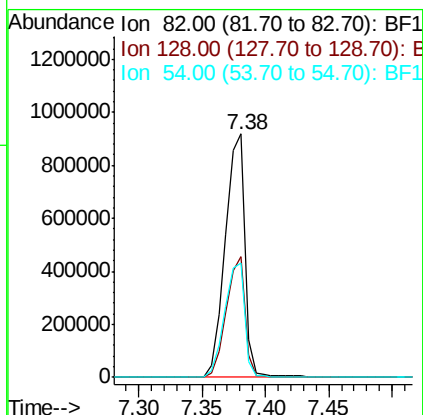
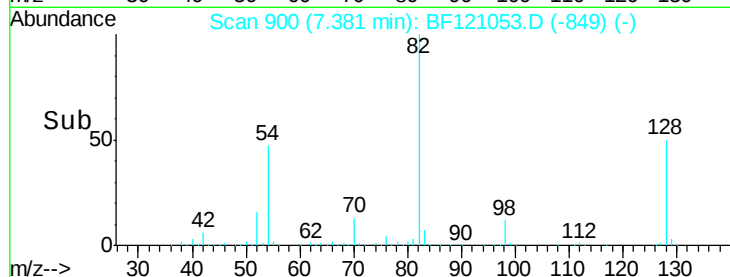
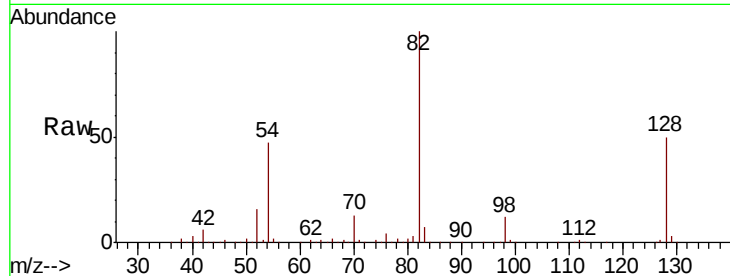




#23
 Nitrobenzene-d5
 Concen: 88.743 ng
 RT: 7.38 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: BF121053.D
 Acq: 28 Jul 2020 1:52

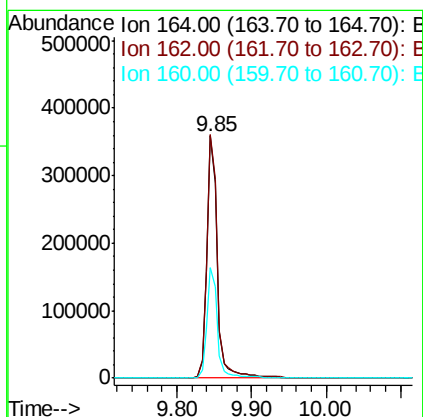
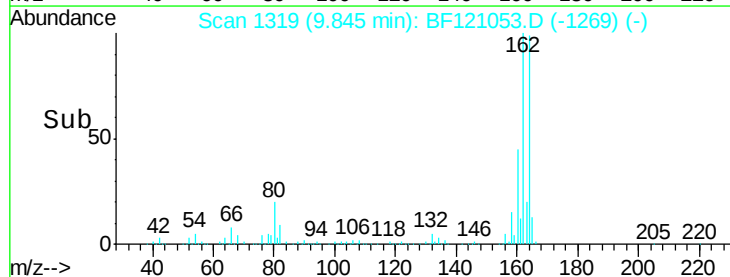
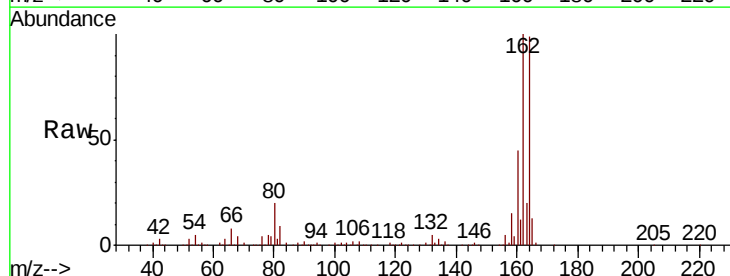
Instrument :
 BNA_F
 ClientSampleId :
 CTR-024

Tot Ion	Ratio	Lower	Upper
82	100		
128	49.7	38.2	57.4
54	46.9	38.7	58.1



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.01 min
 Lab File: BF121053.D
 Acq: 28 Jul 2020 1:52

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.7	81.2	121.8
160	45.7	36.9	55.3





#42

2,4,6-Tribromophenol

Concen: 134.245 ng

RT: 10.64 min Scan# 1454

Delta R.T. 0.00 min

Lab File: BF121053.D

Acq: 28 Jul 2020 1:52

Instrument :

BNA_F

ClientSampleId :

CTR-024

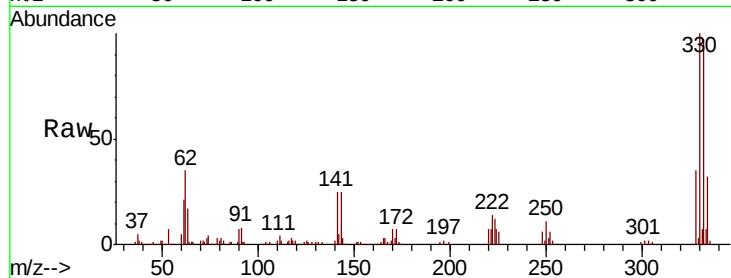
Tot Ion:330 Resp: 517527

Ion Ratio Lower Upper

330 100

332 97.6 75.5 113.3

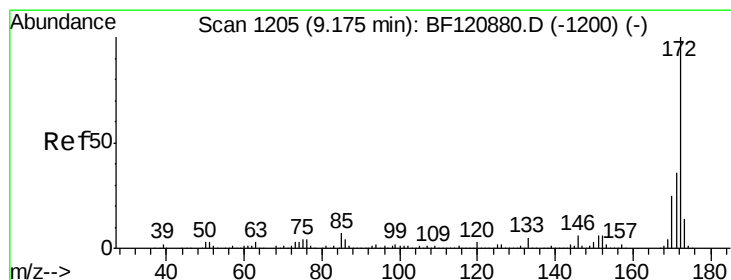
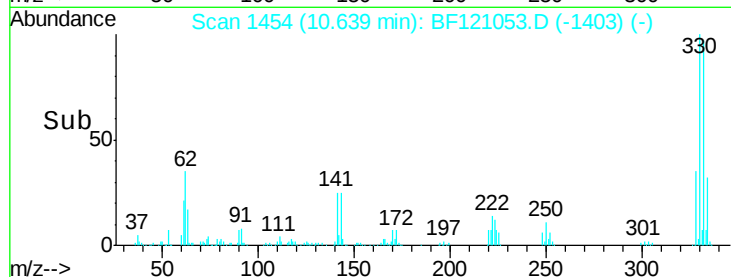
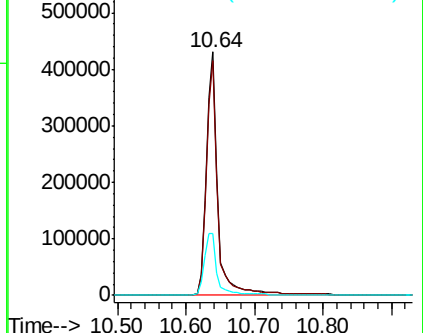
141 28.6 25.7 38.5



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: 68.840 ng

RT: 9.17 min Scan# 1205

Delta R.T. 0.00 min

Lab File: BF121053.D

Acq: 28 Jul 2020 1:52

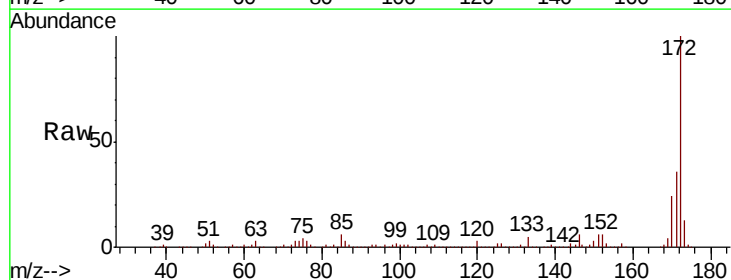
Tgt Ion:172 Resp: 1623855

Ion Ratio Lower Upper

172 100

171 36.3 29.0 43.4

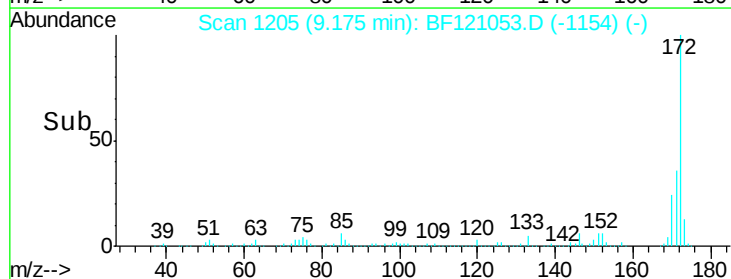
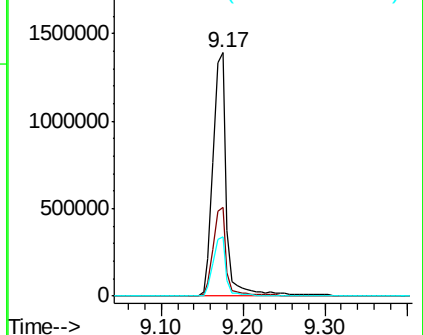
170 24.4 19.6 29.4

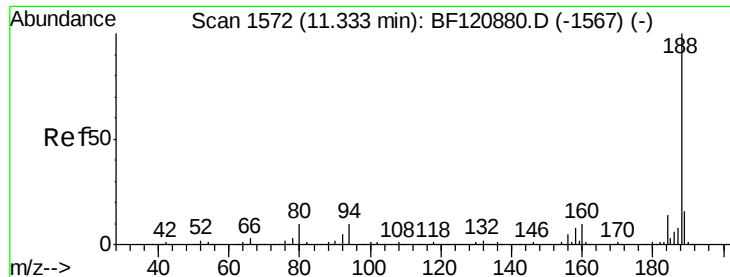


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

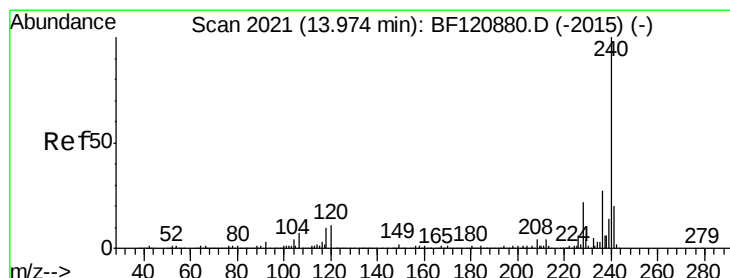
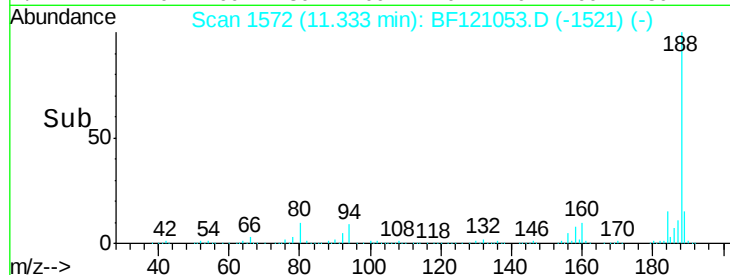
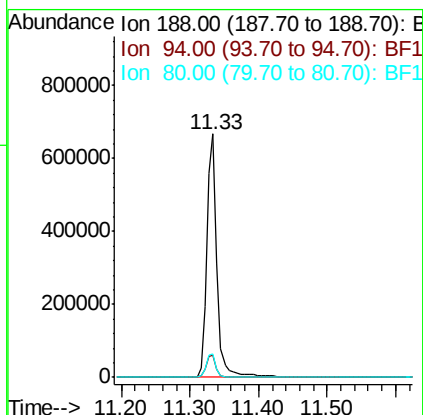
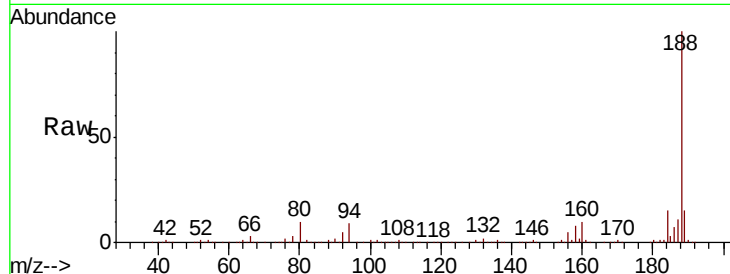




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BF121053.D
Acq: 28 Jul 2020 1:52

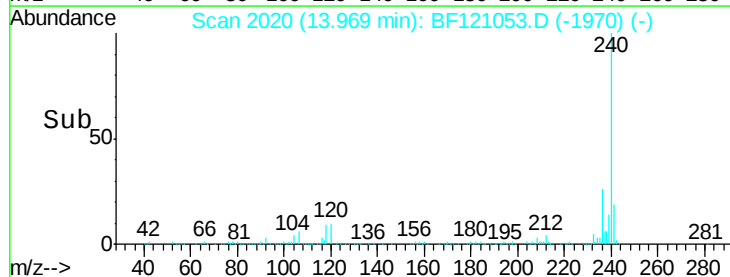
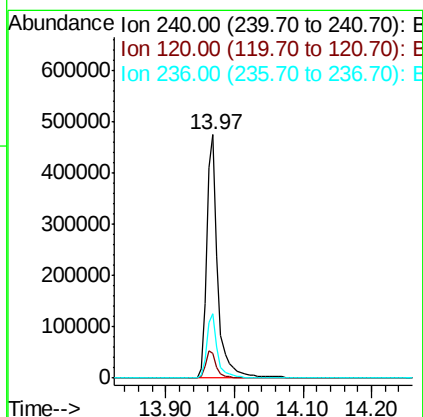
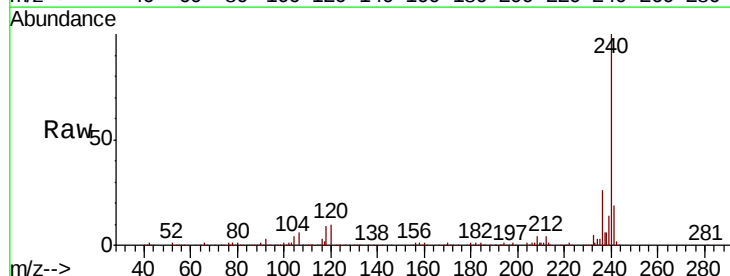
Instrument :
BNA_F
ClientSampleId :
CTR-024

Tot Ion:188 Resp: 705710
Ion Ratio Lower Upper
188 100
94 9.4 8.0 12.0
80 9.7 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: BF121053.D
Acq: 28 Jul 2020 1:52

Tgt Ion:240 Resp: 545427
Ion Ratio Lower Upper
240 100
120 10.0 9.0 13.4
236 26.5 21.7 32.5





#79

Terphenyl-d14

Concen: 77.573 ng

RT: 12.92 min Scan# 1842

Delta R.T. 0.00 min

Lab File: BF121053.D

Acq: 28 Jul 2020 1:52

Instrument :

BNA_F

ClientSampleId :

CTR-024

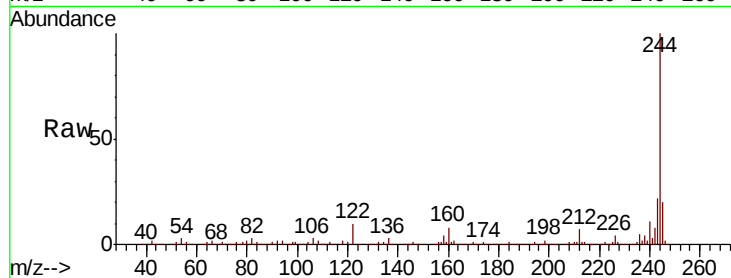
Tot Ion:244 Resp: 1946391

Ion Ratio Lower Upper

244 100

212 7.2 5.6 8.4

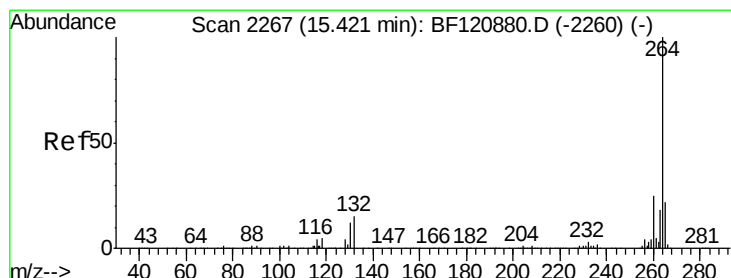
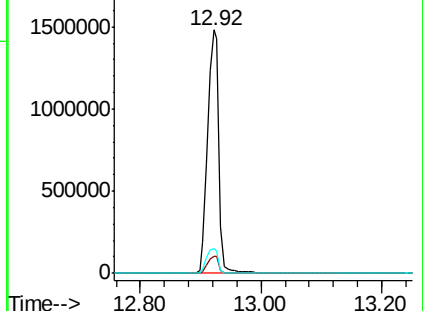
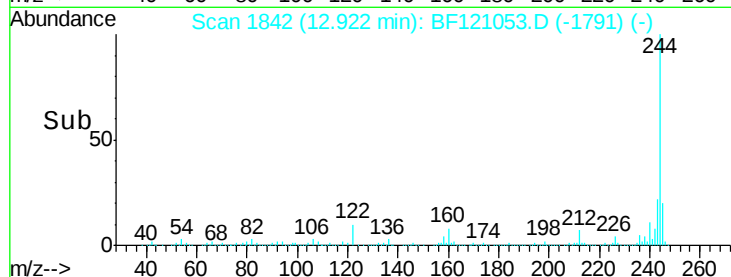
122 10.1 8.9 13.3



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: BF121053.D

Acq: 28 Jul 2020 1:52

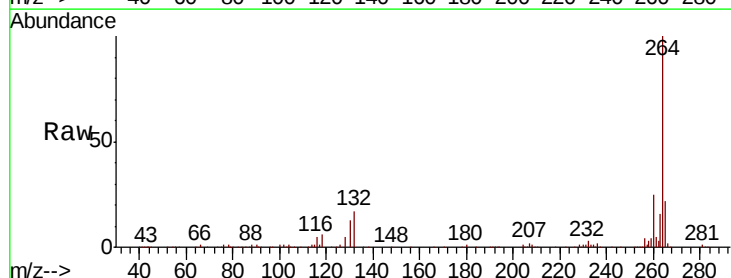
Tgt Ion:264 Resp: 430280

Ion Ratio Lower Upper

264 100

260 24.9 20.0 30.0

265 22.4 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

