

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052920\
 Data File : BF120439.D
 Acq On : 29 May 2020 15:17
 Operator : MA/SJ
 Sample : L2796-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CON-EAST-C

Quant Time: May 29 15:49:00 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 29 12:39:43 2020
 Response via : Initial Calibration

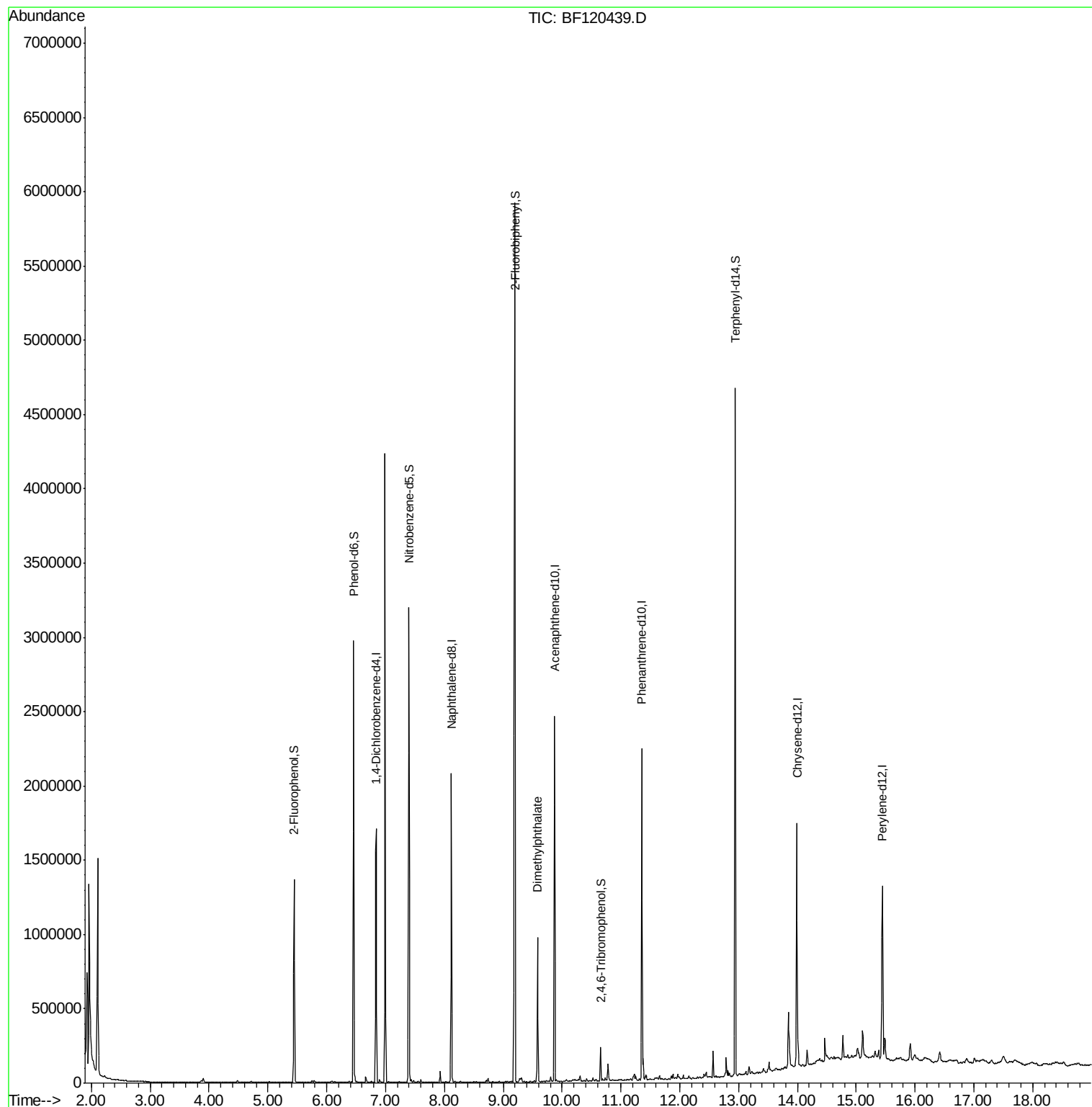
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	262043	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	963073	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	464583	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	759533	20.00	ng	0.00
76) Chrysene-d12	13.99	240	502275	20.00	ng	0.00
86) Perylene-d12	15.44	264	551099	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	340048	24.73	ng	0.00
7) Phenol-d6	6.46	99	1100284	64.92	ng	-0.01
23) Nitrobenzene-d5	7.40	82	985264	66.92	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	24464	5.68	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	1900140	69.39	ng	0.00
79) Terphenyl-d14	12.94	244	1665119	73.77	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.59	163	327135	11.263	ng	Qvalue 99

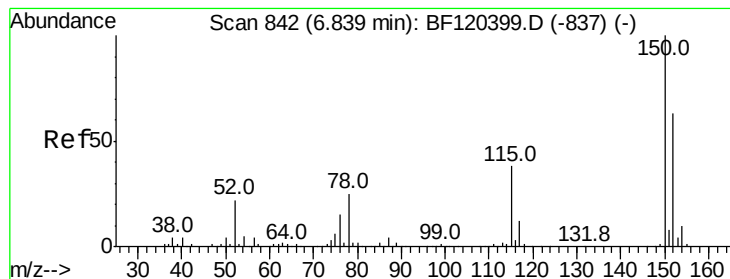
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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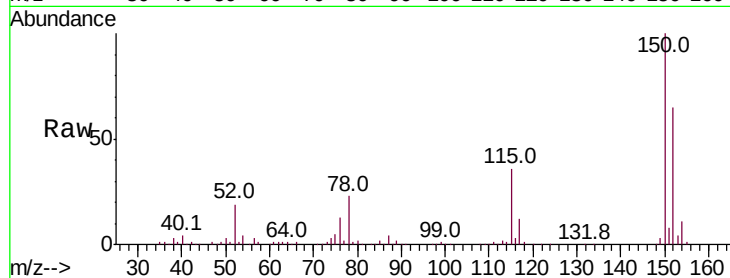


#1

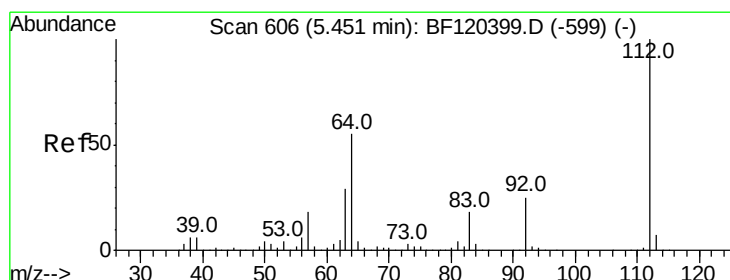
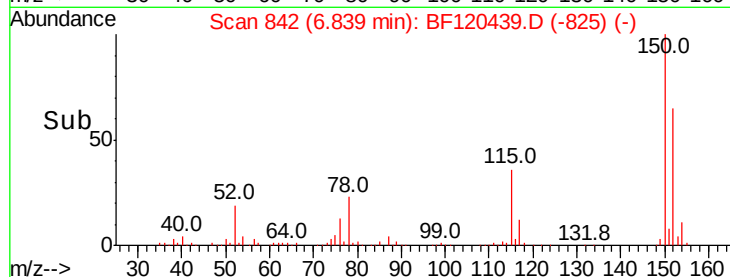
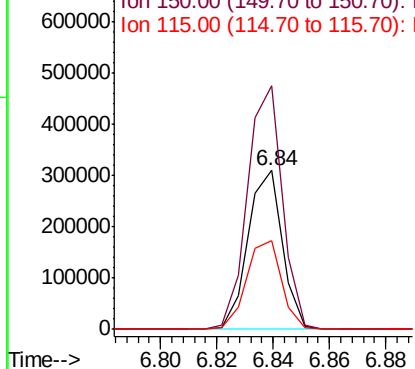
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 842
Delta R.T. 0.00 min
Lab File: BF120439.D
Acq: 29 May 2020 15:17

Instrument :
BNA_F
ClientSampleId :
CON-EAST-C

Tot Ion:152 Resp: 262043
Ion Ratio Lower Upper
152 100
150 153.3 126.5 189.7
115 55.9 47.6 71.4



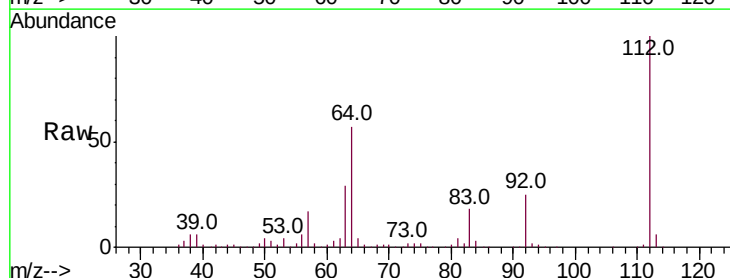
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



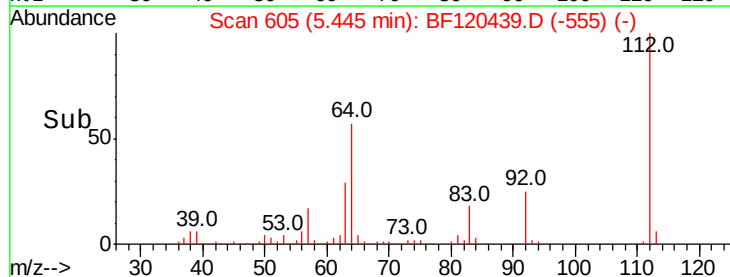
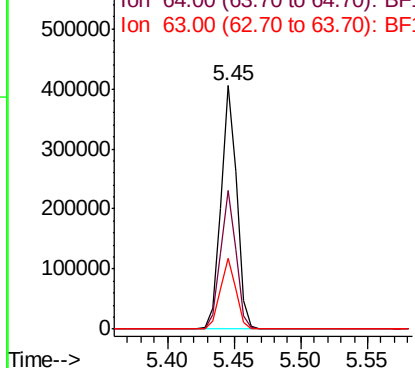
#5

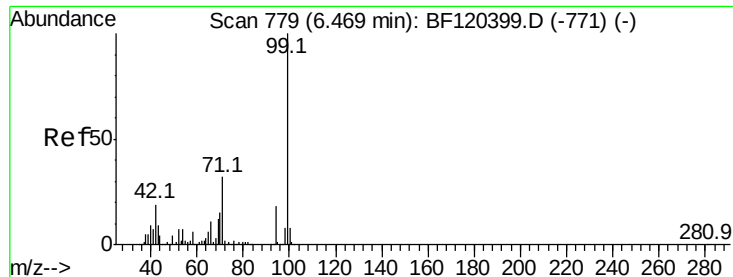
2-Fluorophenol
Concen: 24.731 ng
RT: 5.45 min Scan# 605
Delta R.T. -0.01 min
Lab File: BF120439.D
Acq: 29 May 2020 15:17

Tgt Ion:112 Resp: 340048
Ion Ratio Lower Upper
112 100
64 56.9 44.3 66.5
63 29.1 22.9 34.3



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: 64.921 ng

RT: 6.46 min Scan# 777

Delta R.T. -0.01 min

Lab File: BF120439.D

Acq: 29 May 2020 15:17

Instrument :

BNA_F

ClientSampleId :

CON-EAST-C

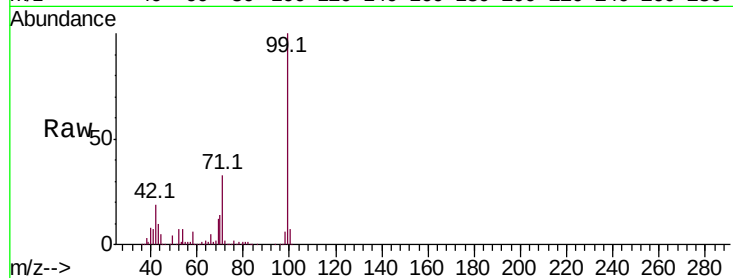
Tot Ion: 99 Resp: 1100284

Ion Ratio Lower Upper

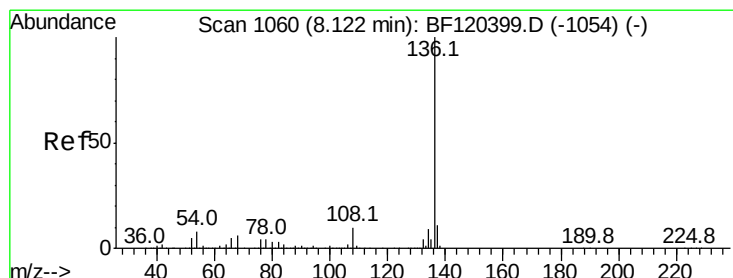
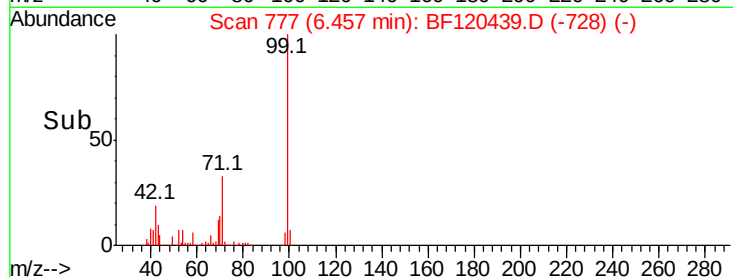
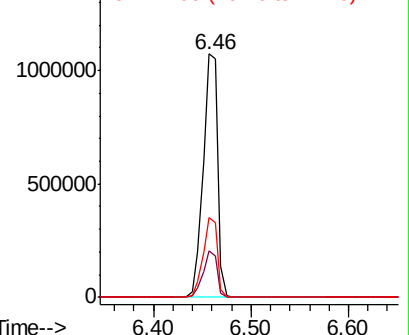
99 100

42 19.0 15.2 22.8

71 32.6 25.6 38.4



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: 8.12 min Scan# 1060

Delta R.T. 0.00 min

Lab File: BF120439.D

Acq: 29 May 2020 15:17

Tgt Ion: 136 Resp: 963073

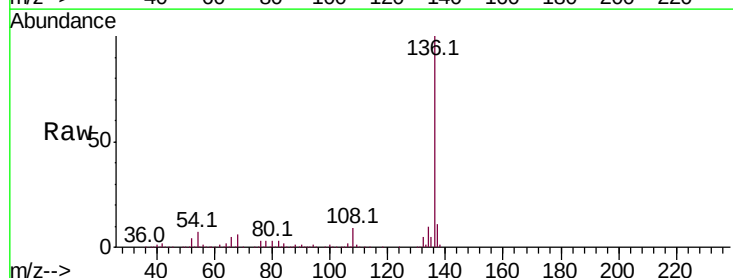
Ion Ratio Lower Upper

136 100

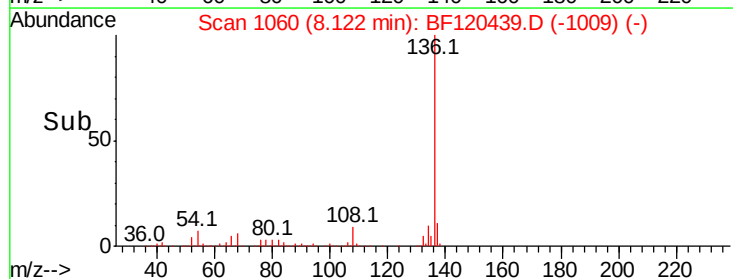
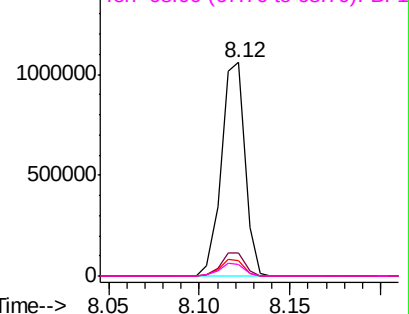
137 11.0 9.1 13.7

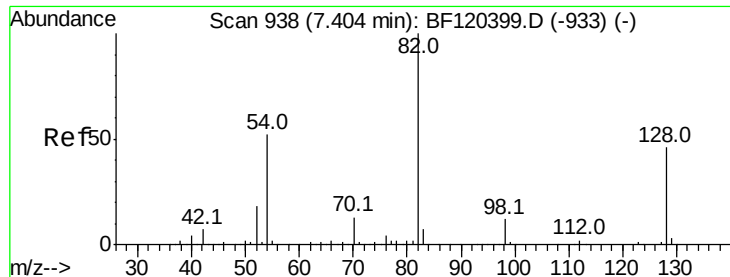
54 7.3 6.7 10.1

68 5.7 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

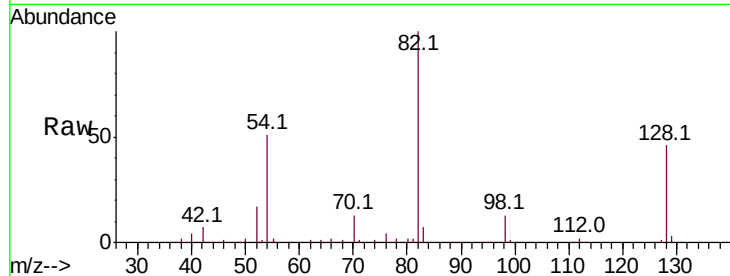




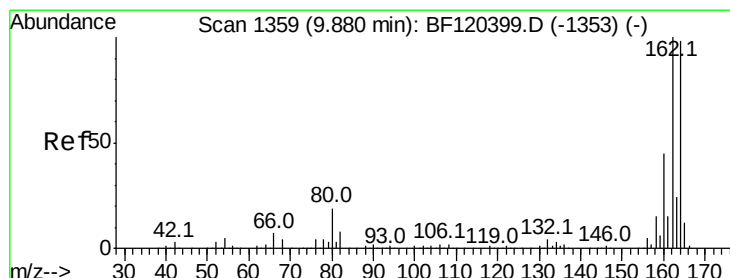
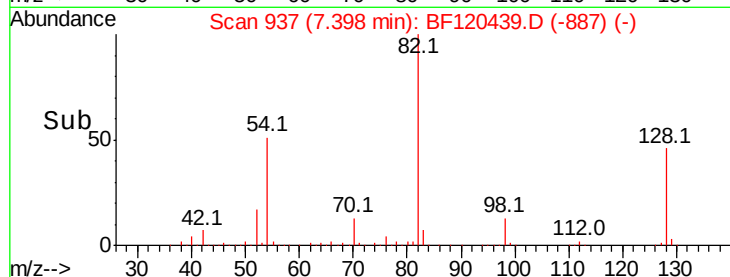
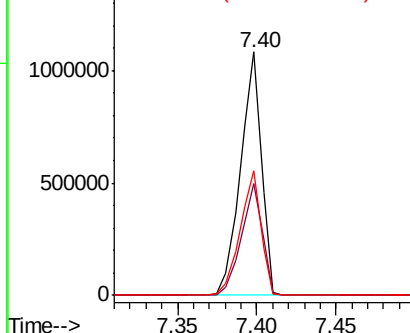
#23
Nitrobenzene-d5
Concen: 66.920 ng
RT: 7.40 min Scan# 937
Delta R.T. -0.01 min
Lab File: BF120439.D
Acq: 29 May 2020 15:17

Instrument :
BNA_F
ClientSampleId :
CON-EAST-C

Tot Ion: 82 Resp: 985264
Ion Ratio Lower Upper
82 100
128 45.7 36.8 55.2
54 51.1 41.6 62.4

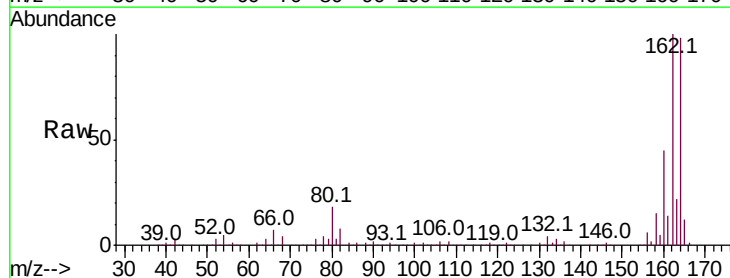


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

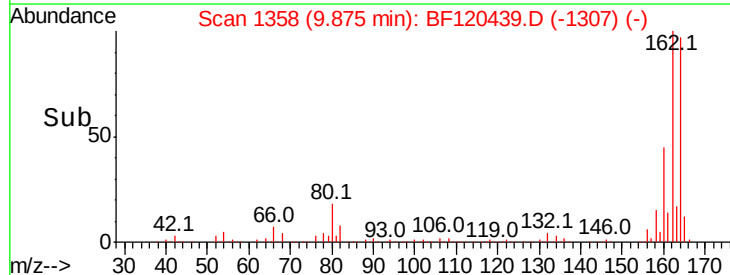
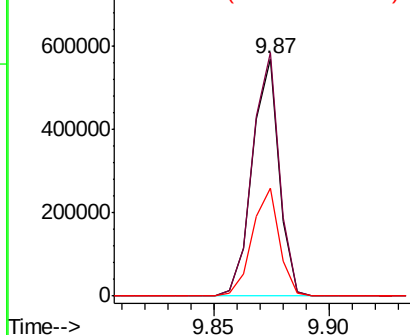


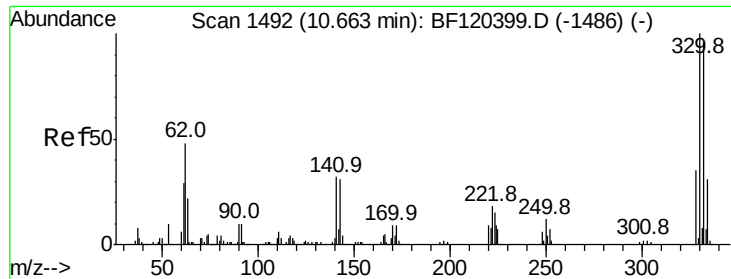
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1358
Delta R.T. 0.00 min
Lab File: BF120439.D
Acq: 29 May 2020 15:17

Tgt Ion:164 Resp: 464583
Ion Ratio Lower Upper
164 100
162 102.4 81.3 121.9
160 45.6 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: 5.683 ng

RT: 10.66 min Scan# 1491

Delta R.T. -0.01 min

Lab File: BF120439.D

Acq: 29 May 2020 15:17

Instrument :

BNA_F

ClientSampleId :

CON-EAST-C

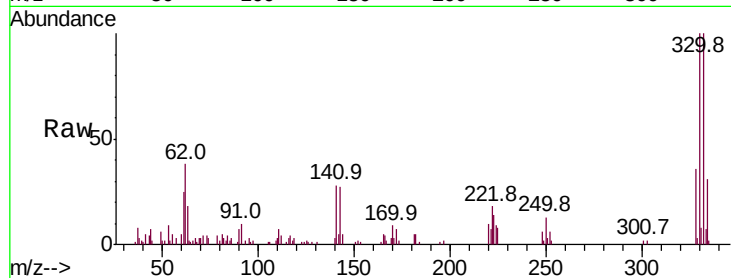
Tot Ion:330 Resp: 24464

Ion Ratio Lower Upper

330 100

332 99.7 77.0 115.6

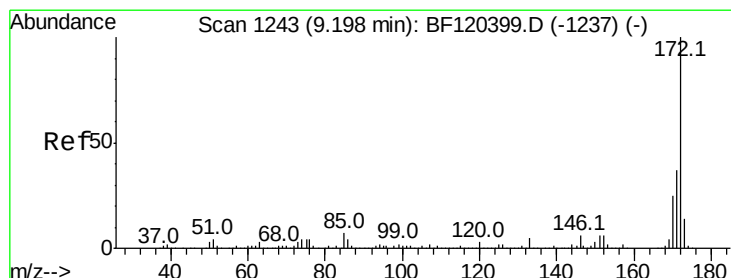
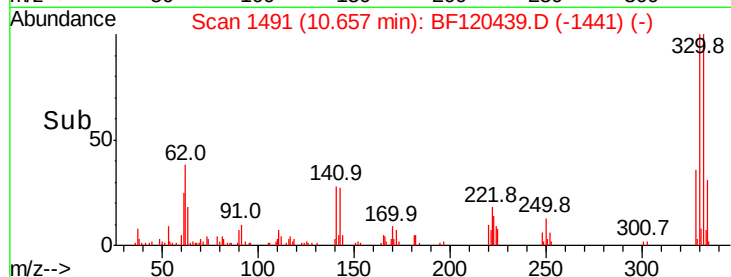
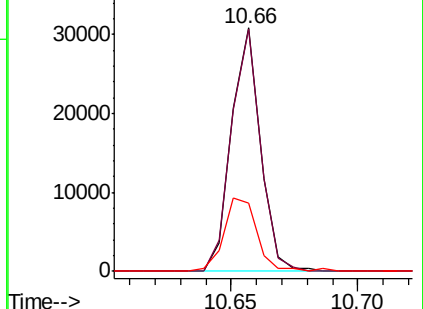
141 34.5 25.3 37.9



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: 69.395 ng

RT: 9.20 min Scan# 1243

Delta R.T. 0.00 min

Lab File: BF120439.D

Acq: 29 May 2020 15:17

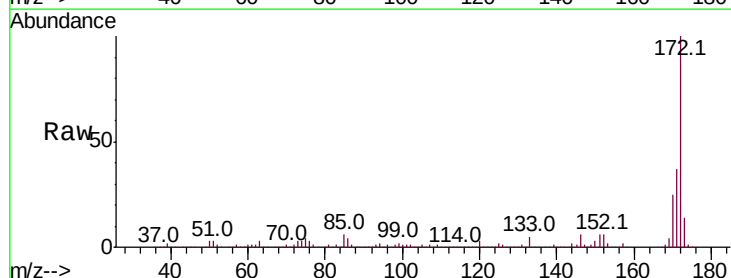
Tgt Ion:172 Resp: 1900140

Ion Ratio Lower Upper

172 100

171 36.9 29.7 44.5

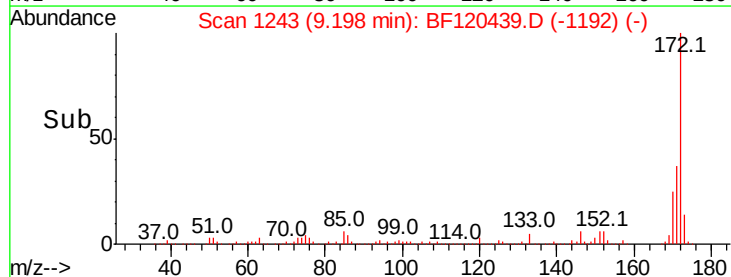
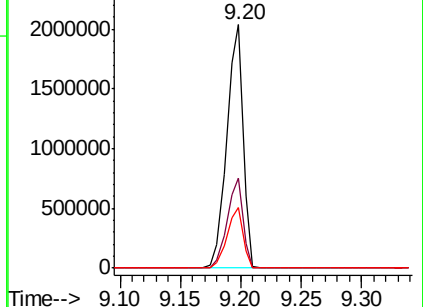
170 24.9 19.9 29.9

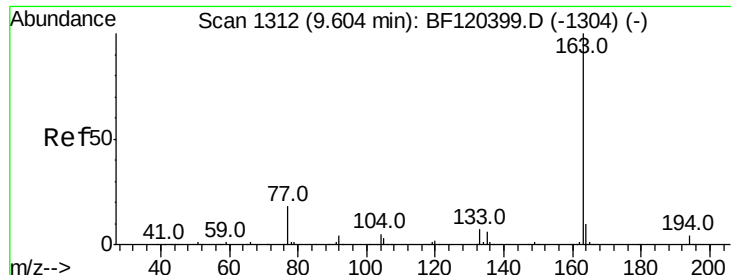


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 11.263 ng

RT: 9.59 min Scan# 1309

Delta R.T. -0.02 min

Lab File: BF120439.D

Acq: 29 May 2020 15:17

Instrument :

BNA_F

ClientSampleId :

CON-EAST-C

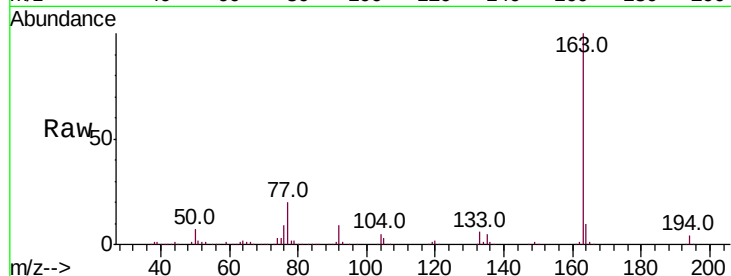
Tot Ion:163 Resp: 327135

Ion Ratio Lower Upper

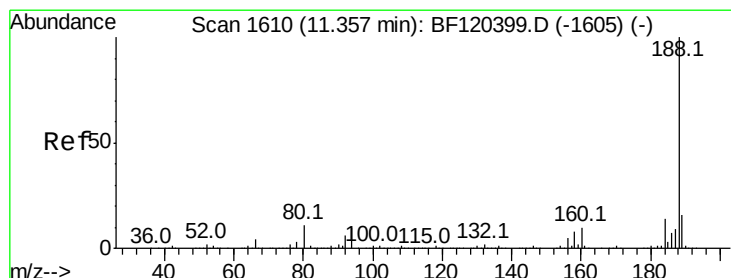
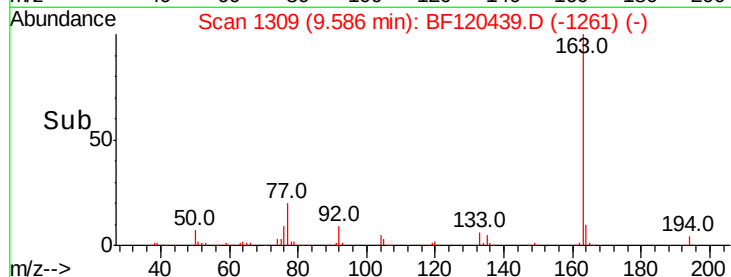
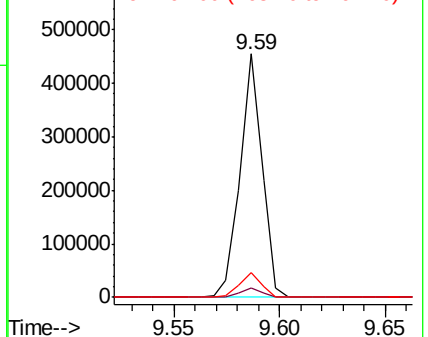
163 100

194 3.9 3.3 4.9

164 10.0 8.3 12.5



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.36 min Scan# 1610

Delta R.T. 0.00 min

Lab File: BF120439.D

Acq: 29 May 2020 15:17

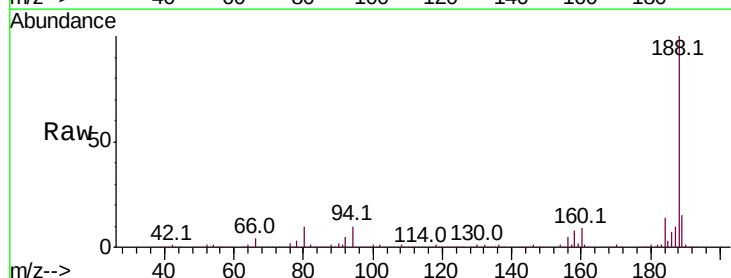
Tgt Ion:188 Resp: 759533

Ion Ratio Lower Upper

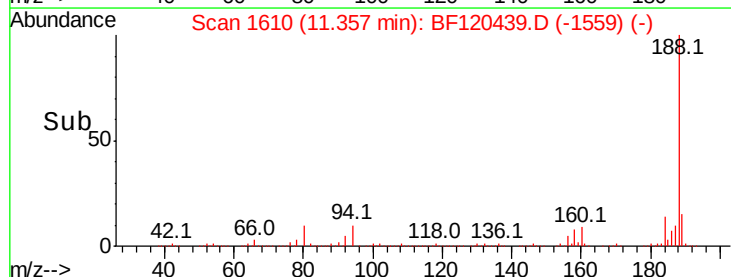
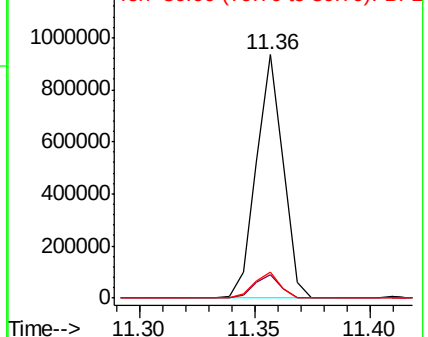
188 100

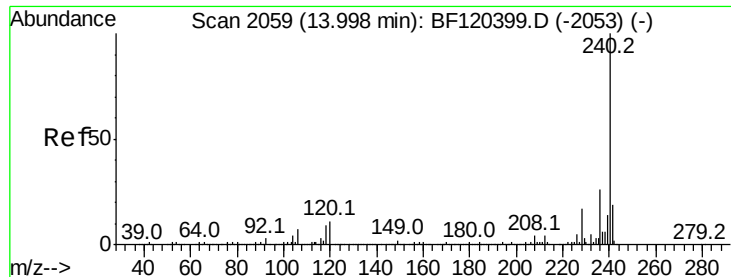
94 9.6 7.9 11.9

80 10.4 8.6 13.0



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: 13.99 min Scan# 2058

Delta R.T. -0.01 min

Lab File: BF120439.D

Acq: 29 May 2020 15:17

Instrument :

BNA_F

ClientSampleId :

CON-EAST-C

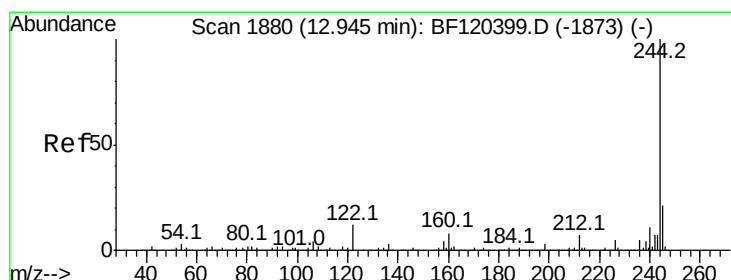
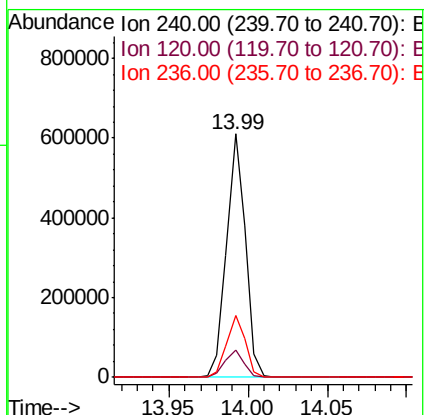
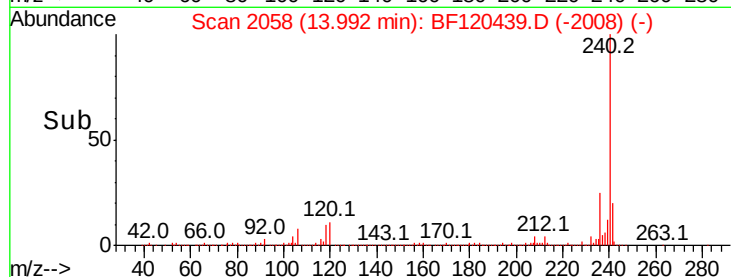
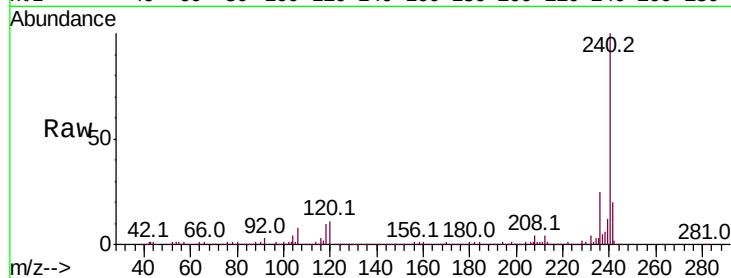
Tot Ion:240 Resp: 502275

Ion Ratio Lower Upper

240 100

120 11.3 8.8 13.2

236 25.5 21.0 31.4



#79

Terphenyl-d14

Concen: 73.770 ng

RT: 12.94 min Scan# 1880

Delta R.T. 0.00 min

Lab File: BF120439.D

Acq: 29 May 2020 15:17

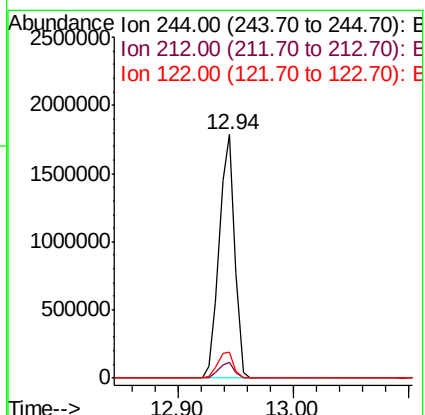
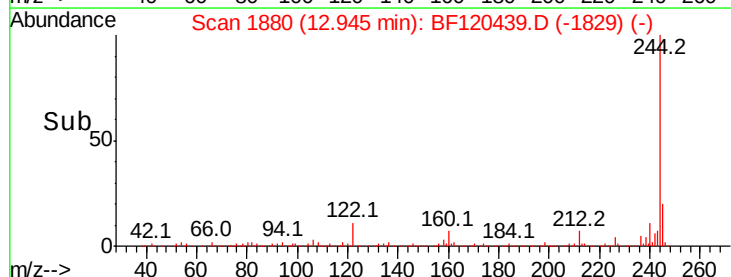
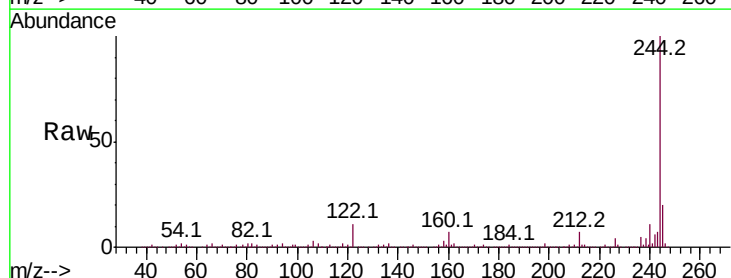
Tgt Ion:244 Resp: 1665119

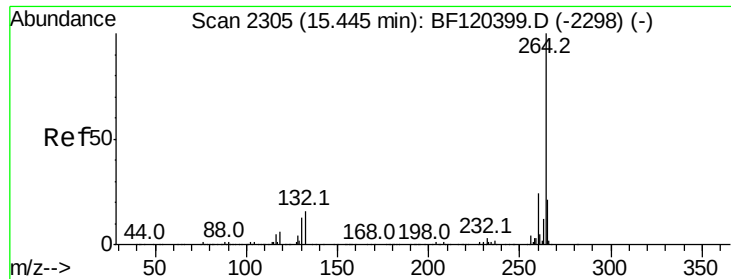
Ion Ratio Lower Upper

244 100

212 6.6 5.9 8.9

122 10.8 9.2 13.8





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2305
Delta R.T. -0.01 min
Lab File: BF120439.D
Acq: 29 May 2020 15:17

Instrument :
BNA_F
ClientSampleId :
CON-EAST-C

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	21.9	16.9	25.3

