

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031220\
 Data File : BF119391.D
 Acq On : 12 Mar 2020 20:31
 Operator : CG/JU
 Sample : L1797-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 30-FEET

Quant Time: Mar 13 03:06:16 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 06 23:38:46 2020
 Response via : Initial Calibration

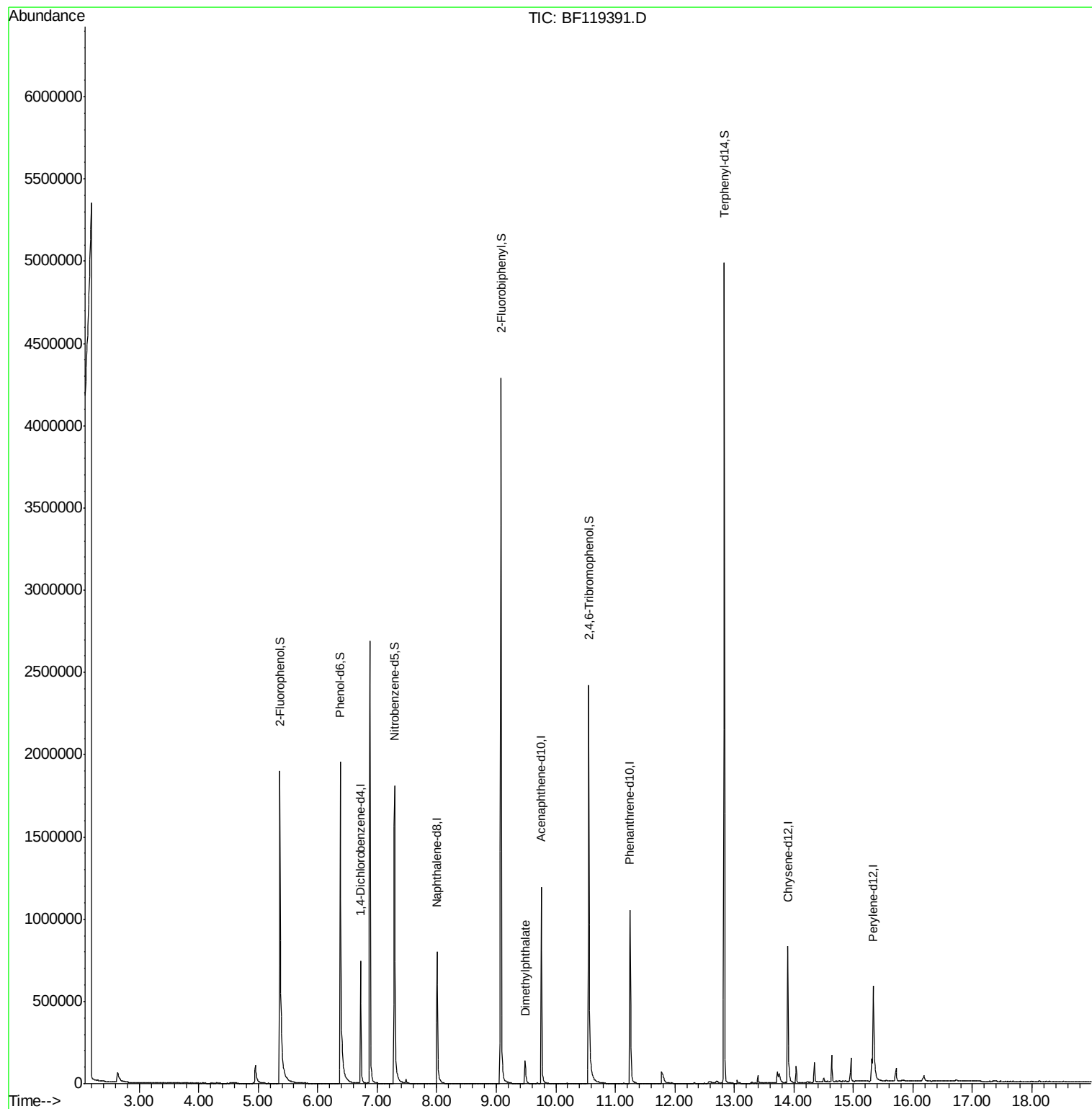
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	120661	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	469069	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	268399	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	521575	20.00	ng	0.00
76) Chrysene-d12	13.90	240	359855	20.00	ng	0.01
87) Perylene-d12	15.33	264	368898	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	842066	116.63	ng	0.01
7) Phenol-d6	6.38	99	966224	110.04	ng	0.00
23) Nitrobenzene-d5	7.29	82	755580	85.05	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	423334	120.57	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	1500803	82.38	ng	0.00
79) Terphenyl-d14	12.83	244	1829142	87.51	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.49	163	89812	4.376	ng	Qvalue 98

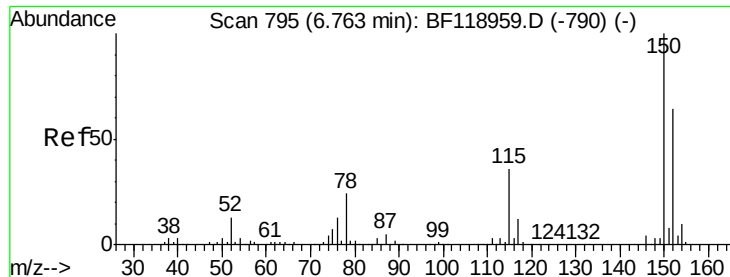
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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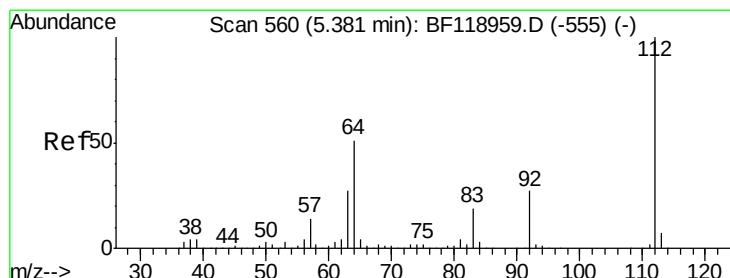
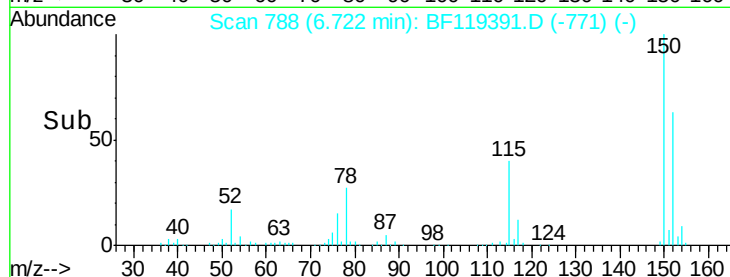
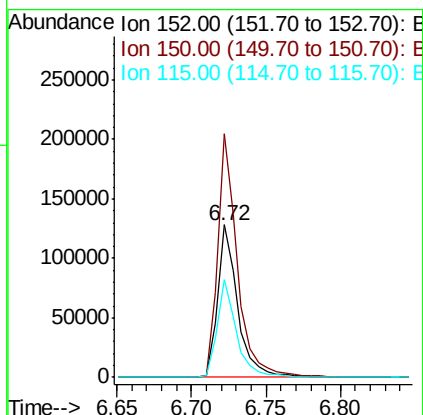
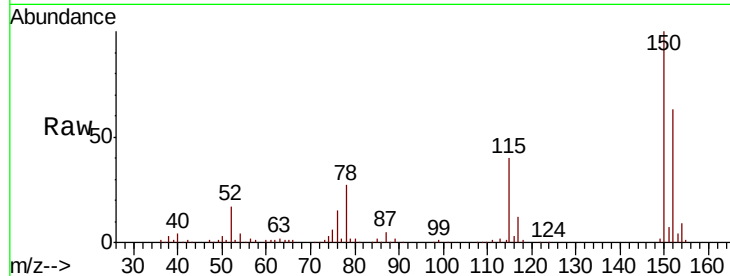


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. 0.00 min
Lab File: BF119391.D
Acq: 12 Mar 2020 20:31

Instrument :
BNA_F
ClientSampleId :
30-FEET

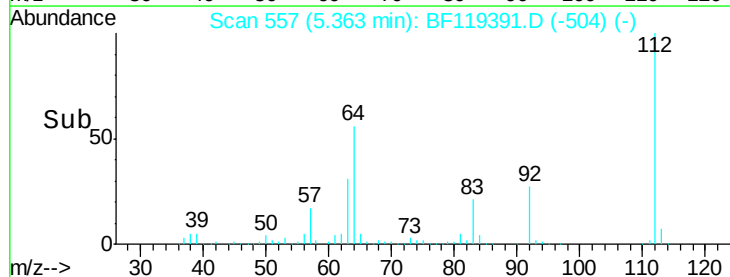
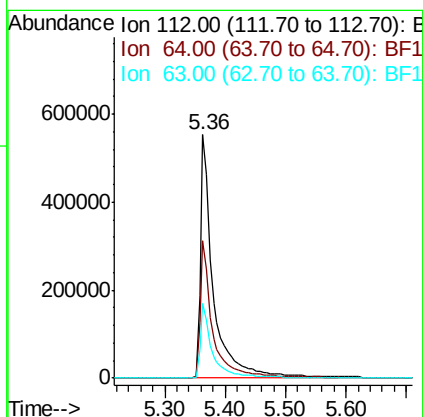
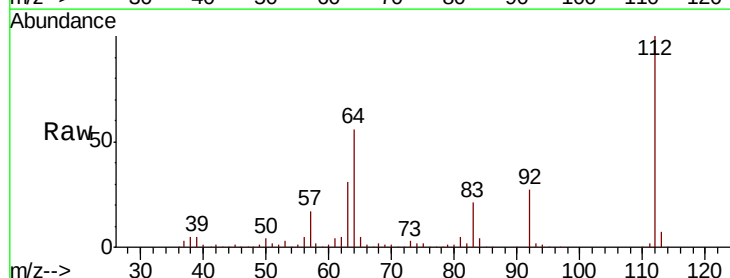
Tot Ion:152 Resp: 120661
Ion Ratio Lower Upper
152 100
150 159.5 123.0 184.6
115 63.7 49.5 74.3

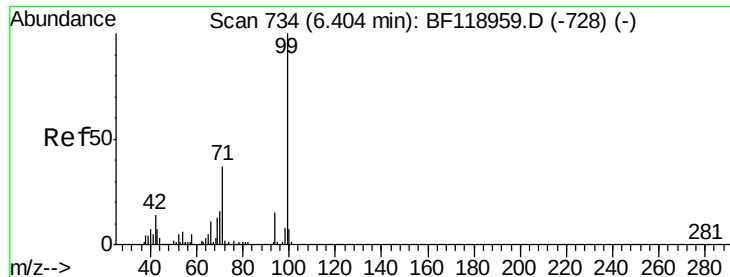


#5

2-Fluorophenol
Concen: 116.628 ng
RT: 5.36 min Scan# 557
Delta R.T. 0.01 min
Lab File: BF119391.D
Acq: 12 Mar 2020 20:31

Tgt Ion:112 Resp: 842066
Ion Ratio Lower Upper
112 100
64 56.3 45.0 67.4
63 30.5 24.2 36.4





#7

Phenol-d6

Concen: 110.036 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF119391.D

Acq: 12 Mar 2020 20:31

Instrument :

BNA_F

ClientSampleId :

30-FEET

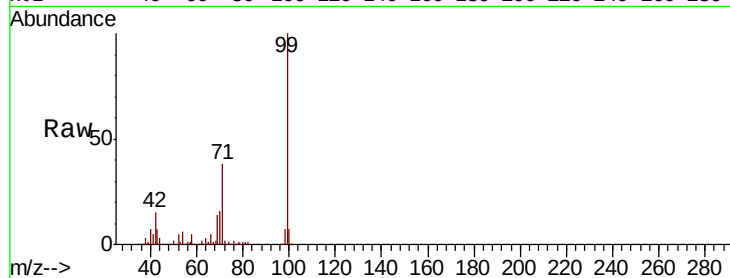
Tot Ion: 99 Resp: 966224

Ion Ratio Lower Upper

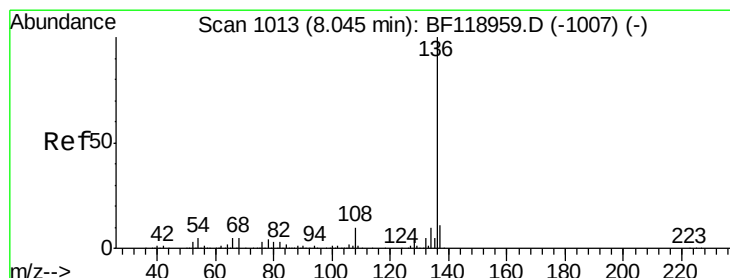
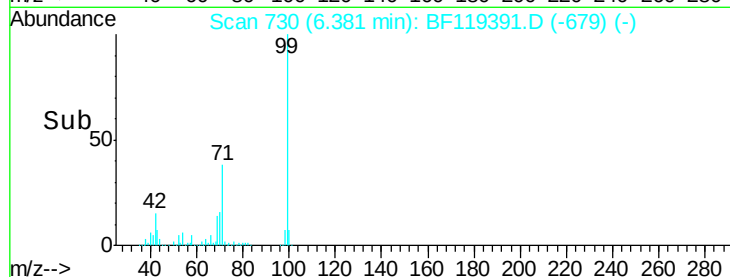
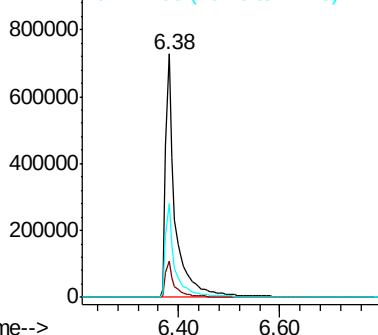
99 100

42 14.7 12.6 18.8

71 38.4 31.0 46.4



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: 8.00 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BF119391.D

Acq: 12 Mar 2020 20:31

Tgt Ion: 136 Resp: 469069

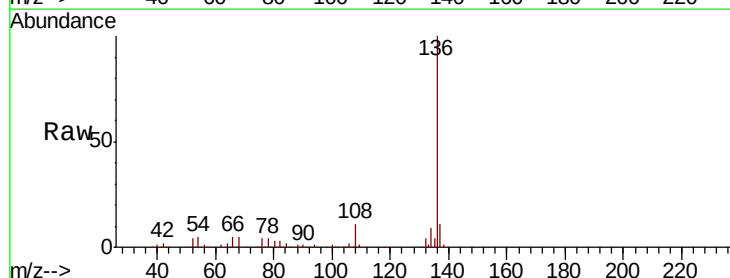
Ion Ratio Lower Upper

136 100

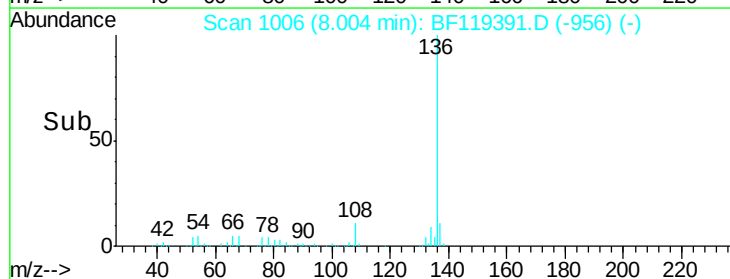
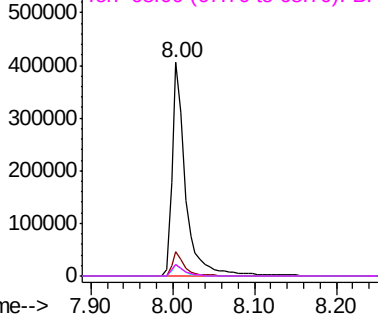
137 11.3 8.8 13.2

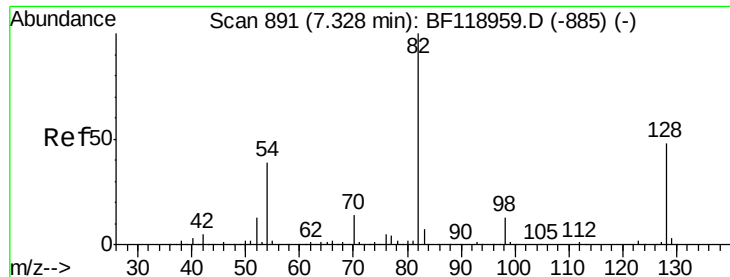
54 5.2 3.8 5.6

68 5.3 3.9 5.9



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

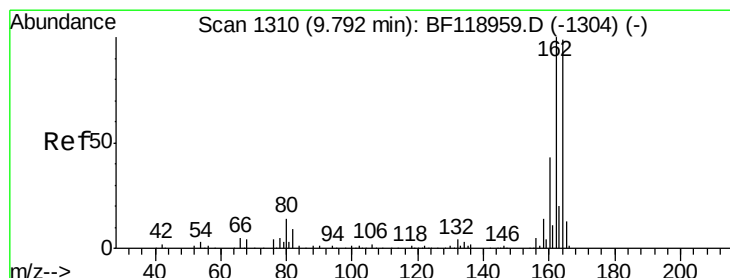
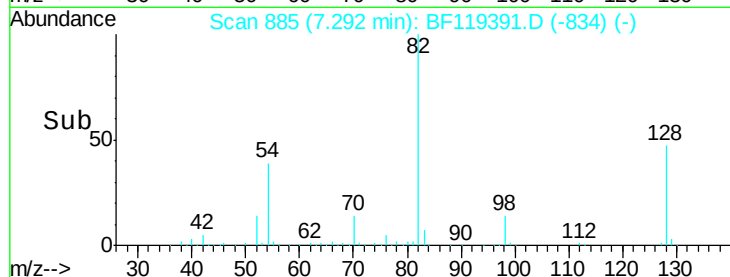
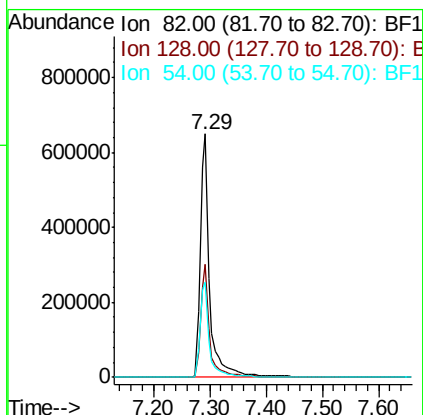
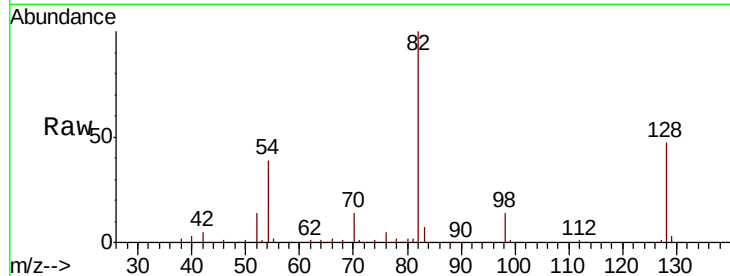




#23
 Nitrobenzene-d5
 Concen: 85.051 ng
 RT: 7.29 min Scan# 885
 Delta R.T. 0.00 min
 Lab File: BF119391.D
 Acq: 12 Mar 2020 20:31

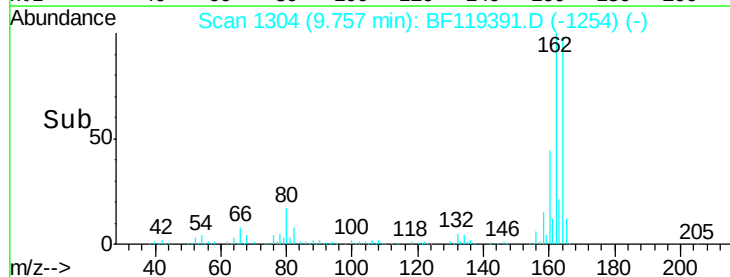
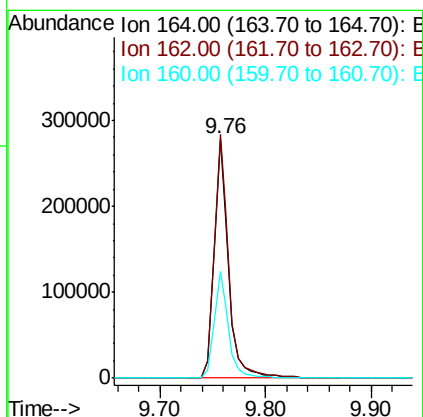
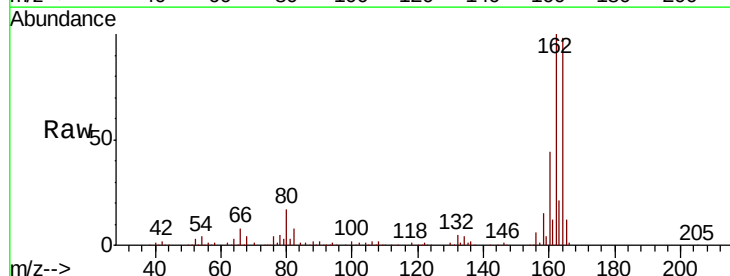
Instrument :
 BNA_F
 ClientSampleId :
 30-FEET

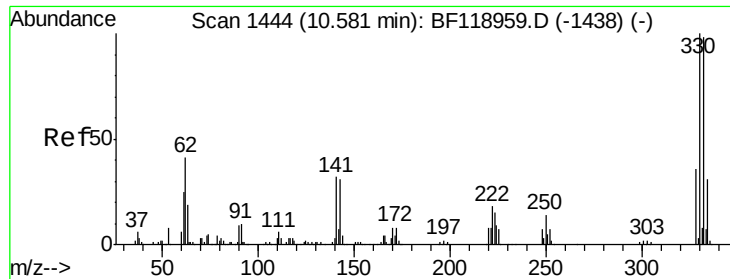
Tot Ion	82	Resp	755580
Ion Ratio	100	Lower	Upper
128	46.7	37.9	56.9
54	39.2	33.4	50.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.01 min
 Lab File: BF119391.D
 Acq: 12 Mar 2020 20:31

Tgt Ion	164	Resp	268399
Ion Ratio	100	Lower	Upper
162	101.8	81.8	122.8
160	44.8	36.0	54.0





#42

2,4,6-Tribromophenol

Concen: 120.570 ng

RT: 10.56 min Scan# 1440

Delta R.T. 0.00 min

Lab File: BF119391.D

Acq: 12 Mar 2020 20:31

Instrument :

BNA_F

ClientSampleId :

30-FEET

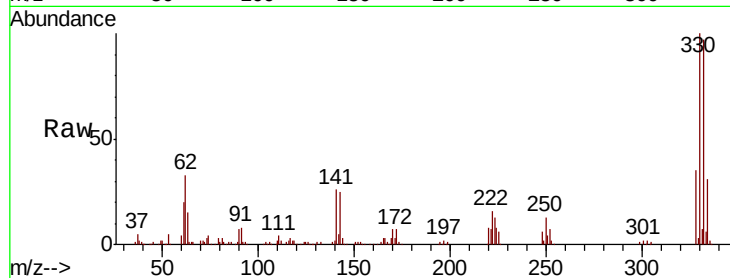
Tot Ion:330 Resp: 423334

Ion Ratio Lower Upper

330 100

332 96.9 76.0 114.0

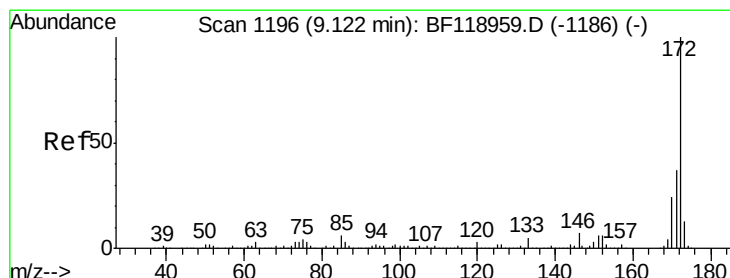
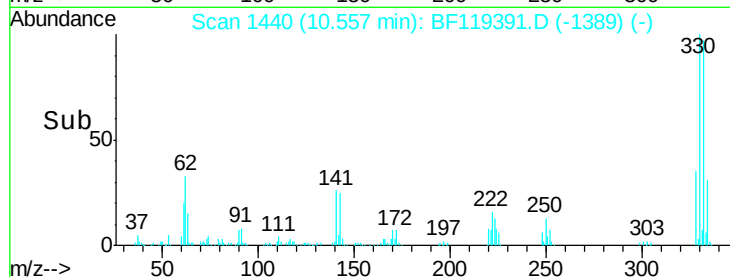
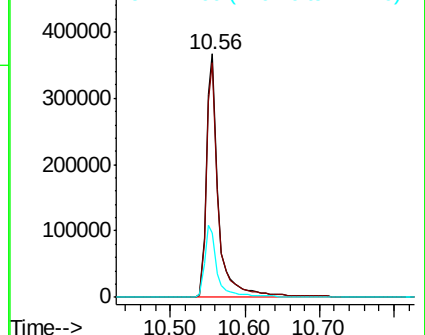
141 30.8 22.9 34.3



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: 82.375 ng

RT: 9.08 min Scan# 1189

Delta R.T. -0.01 min

Lab File: BF119391.D

Acq: 12 Mar 2020 20:31

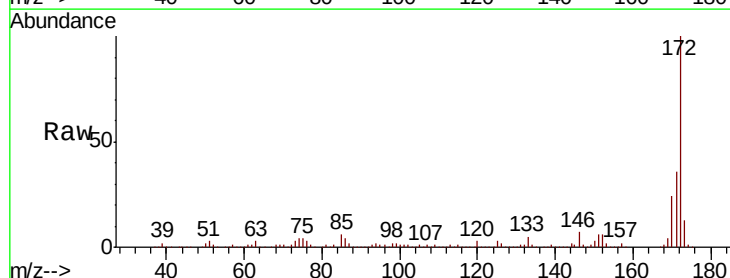
Tgt Ion:172 Resp: 1500803

Ion Ratio Lower Upper

172 100

171 36.2 30.6 45.8

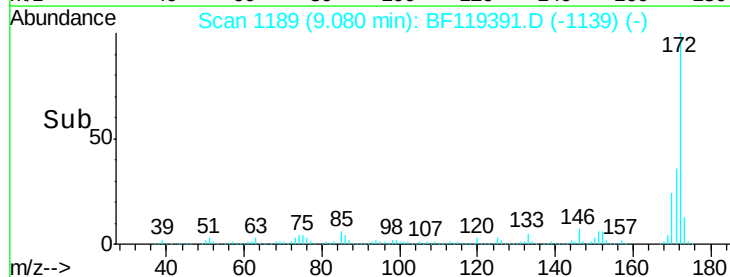
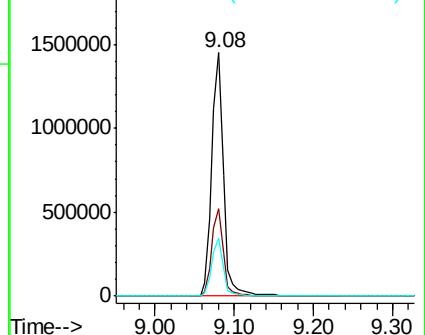
170 23.7 20.2 30.2

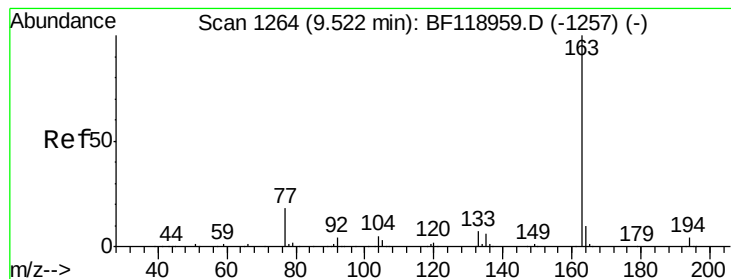


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 4.376 ng

RT: 9.49 min Scan# 1258

Delta R.T. 0.00 min

Lab File: BF119391.D

Acq: 12 Mar 2020 20:31

Instrument :

BNA_F

ClientSampleId :

30-FEET

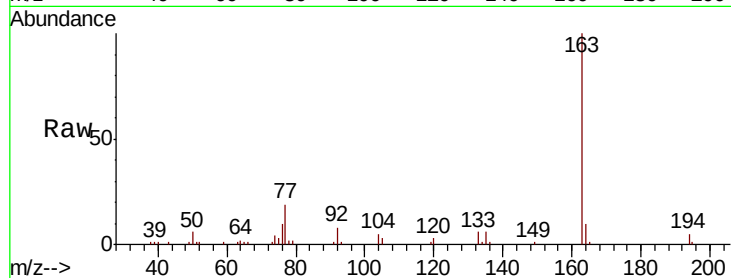
Tot Ion:163 Resp: 89812

Ion Ratio Lower Upper

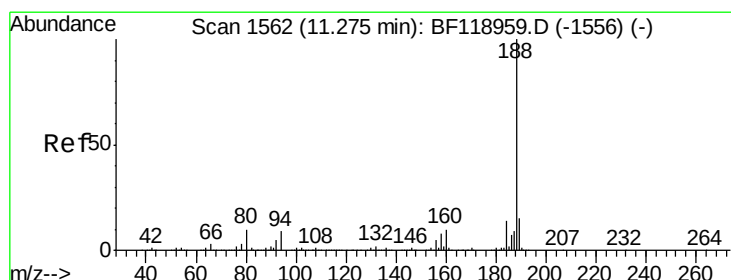
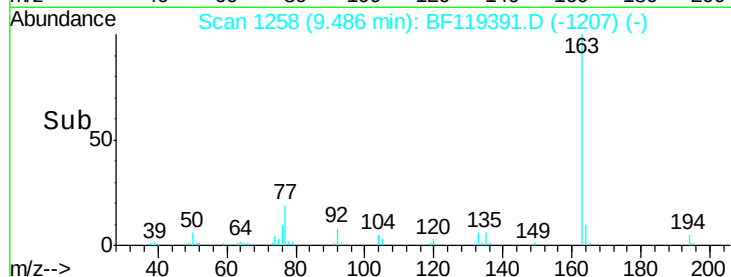
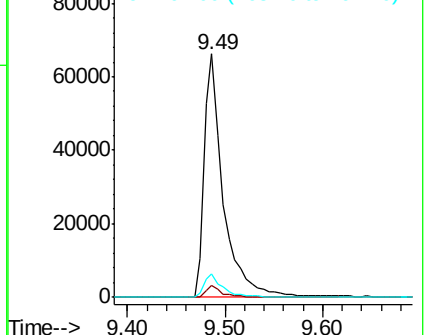
163 100

194 4.9 3.5 5.3

164 9.8 8.4 12.6



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: 11.25 min Scan# 1558

Delta R.T. 0.01 min

Lab File: BF119391.D

Acq: 12 Mar 2020 20:31

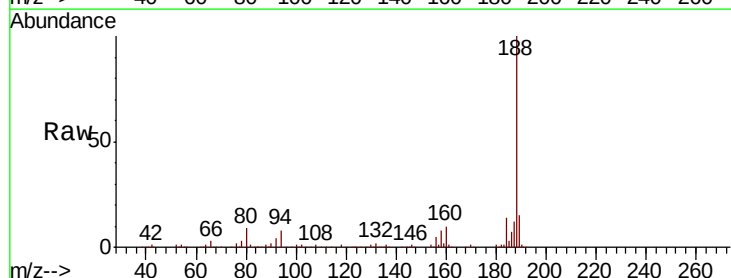
Tgt Ion:188 Resp: 521575

Ion Ratio Lower Upper

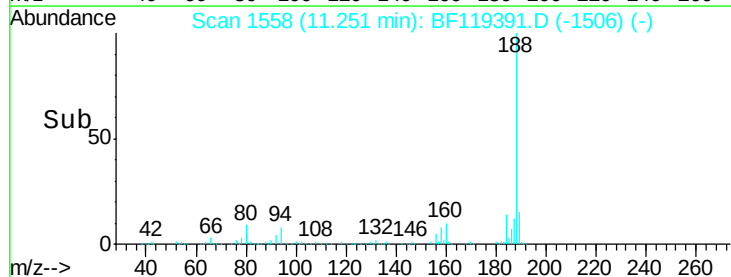
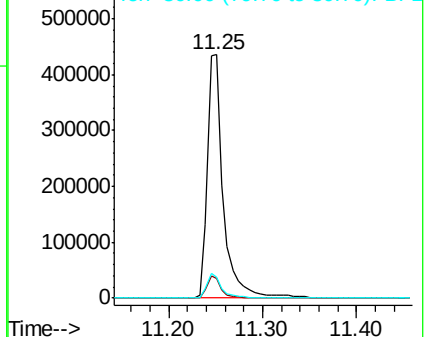
188 100

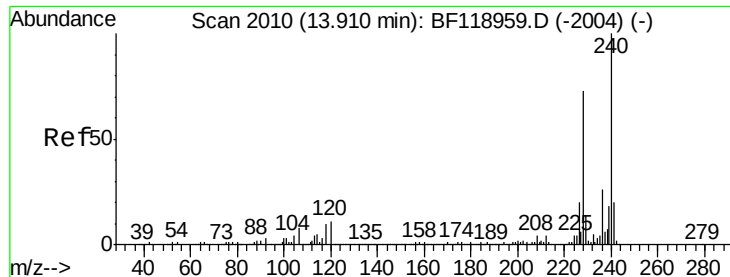
94 7.9 7.1 10.7

80 8.8 7.8 11.8



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: 13.90 min Scan# 2008

Delta R.T. 0.01 min

Lab File: BF119391.D

Acq: 12 Mar 2020 20:31

Instrument :

BNA_F

ClientSampleId :

30-FEET

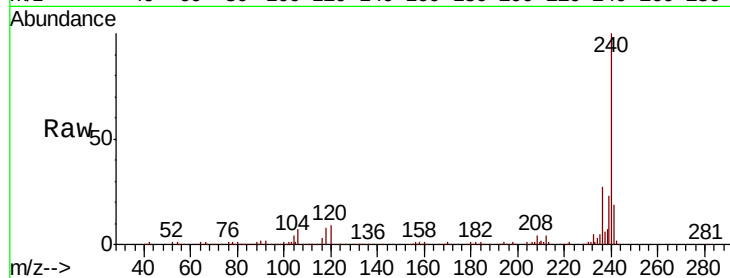
Tot Ion:240 Resp: 359855

Ion Ratio Lower Upper

240 100

120 8.9 8.4 12.6

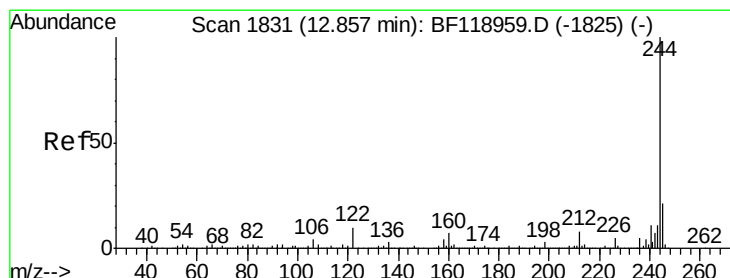
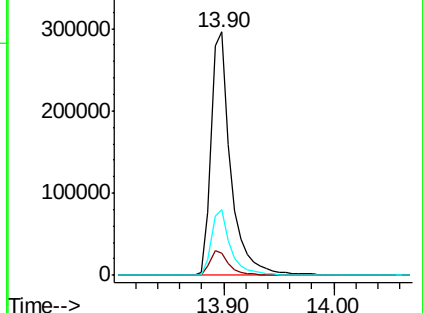
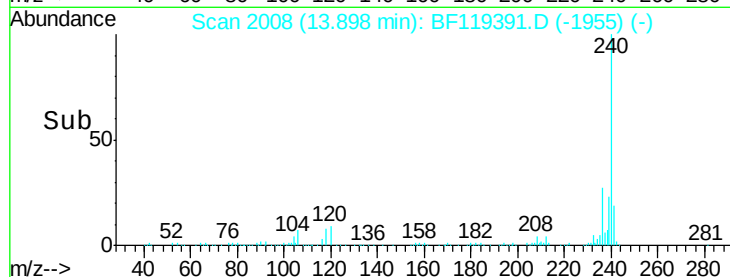
236 26.9 21.0 31.4



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: 87.513 ng

RT: 12.83 min Scan# 1827

Delta R.T. 0.01 min

Lab File: BF119391.D

Acq: 12 Mar 2020 20:31

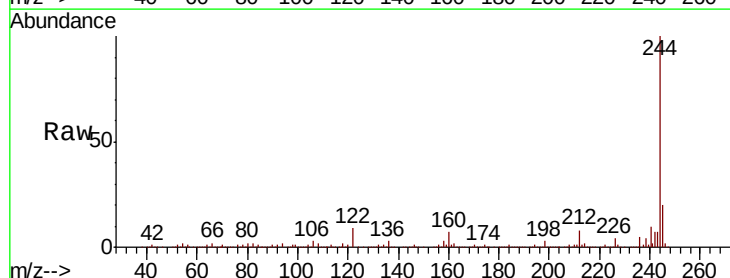
Tgt Ion:244 Resp: 1829142

Ion Ratio Lower Upper

244 100

212 7.7 6.6 10.0

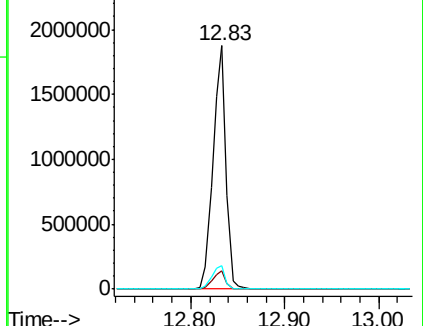
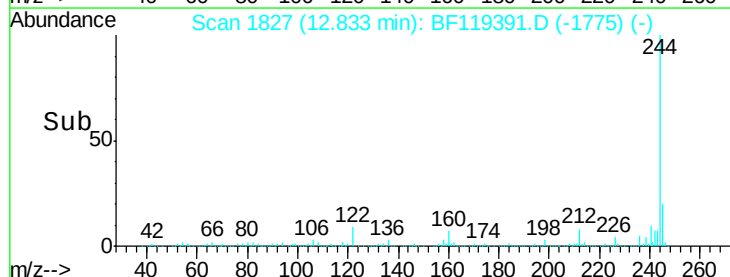
122 9.4 8.2 12.2

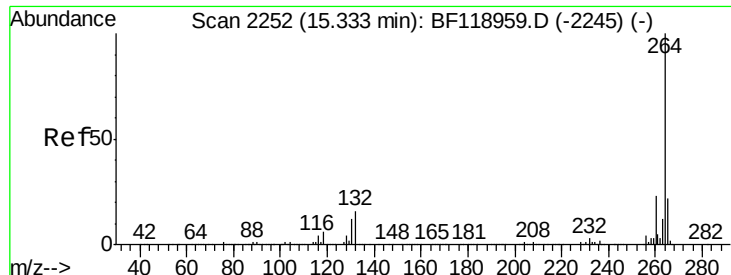


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Pervlone-d12
Concen: 20.000 ng
RT: 15.33 min Scan# 2252
Delta R.T. 0.02 min
Lab File: BF119391.D
Acq: 12 Mar 2020 20:31

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.4	29.2
265	21.0	17.7	26.5

