

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052219\
 Data File : BF114491.D
 Acq On : 22 May 2019 19:01
 Operator : JU/SJ
 Sample : K2962-10
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DB-4

Quant Time: May 23 03:54:49 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 20 04:47:40 2019
 Response via : Initial Calibration

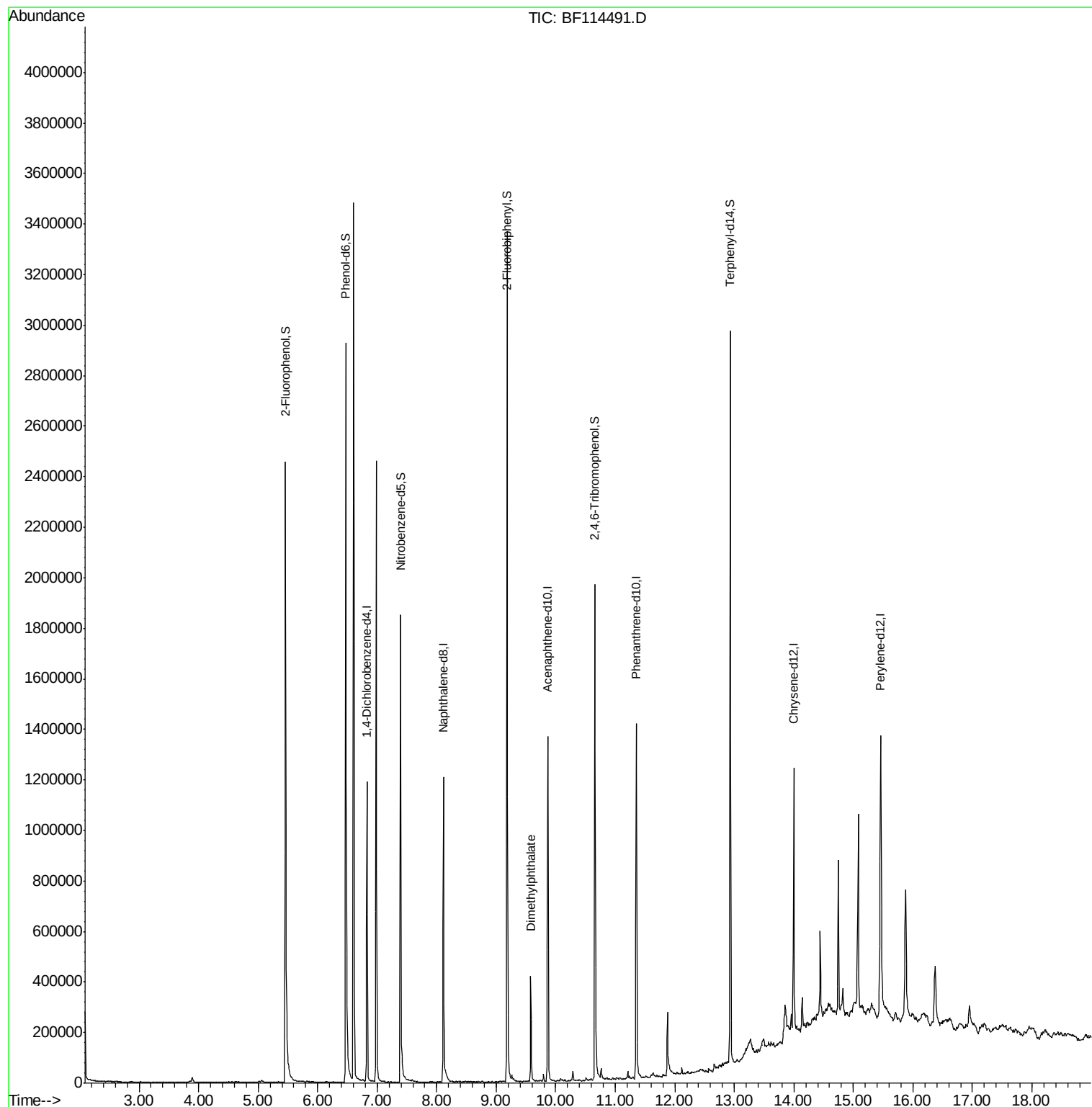
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	163106	20.00	ng	-0.01
21) Naphthalene-d8	8.11	136	641574	20.00	ng	-0.01
39) Acenaphthene-d10	9.86	164	302682	20.00	ng	-0.01
64) Phenanthrene-d10	11.35	188	582153	20.00	ng	0.00
76) Chrysene-d12	14.00	240	379334	20.00	ng	0.00
87) Perylene-d12	15.46	264	384978	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	836057	82.49	ng	0.00
7) Phenol-d6	6.47	99	1098988	91.68	ng	-0.01
23) Nitrobenzene-d5	7.39	82	643499	56.29	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	252435	80.67	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	1140592	57.00	ng	0.00
79) Terphenyl-d14	12.93	244	1005924	54.67	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.58	163	187316	8.430	ng	Qvalue 98

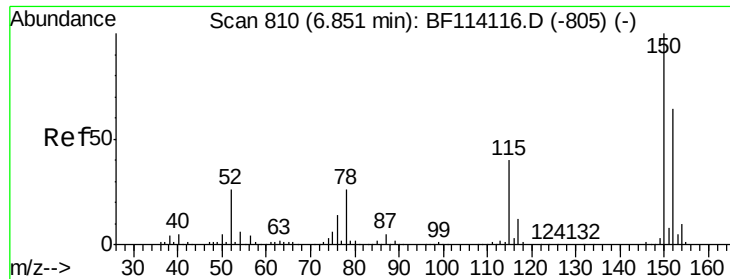
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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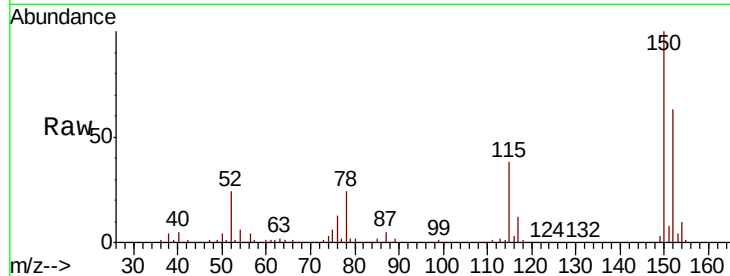


#1

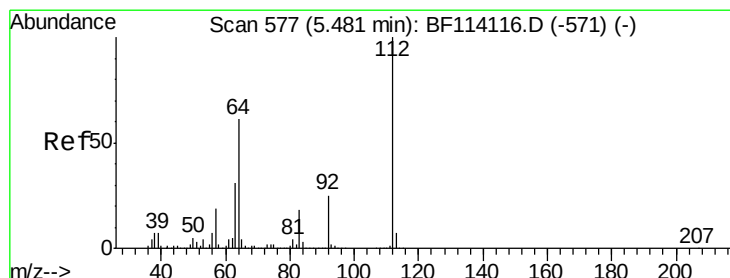
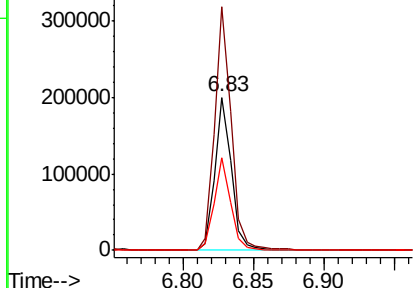
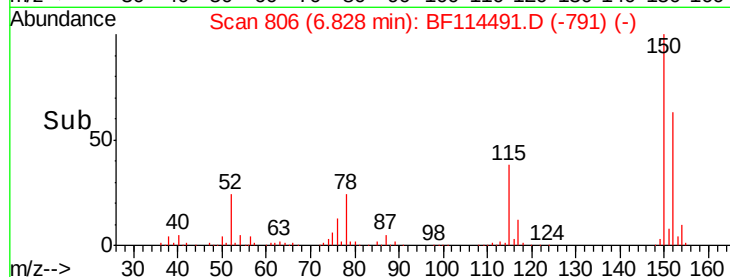
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. -0.01 min
Lab File: BF114491.D
Acq: 22 May 2019 19:01

Instrument :
BNA_F
ClientSampled :
DB-4

Tot Ion:152 Resp: 163106
Ion Ratio Lower Upper
152 100
150 159.0 124.3 186.5
115 60.4 49.1 73.7



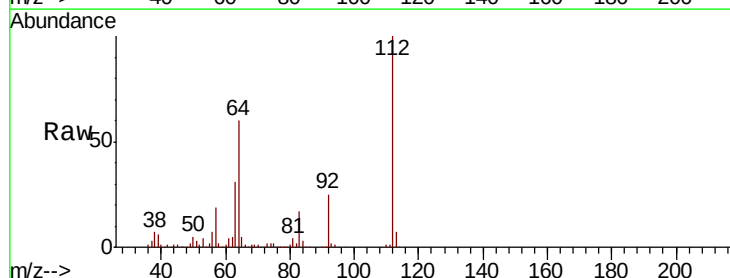
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



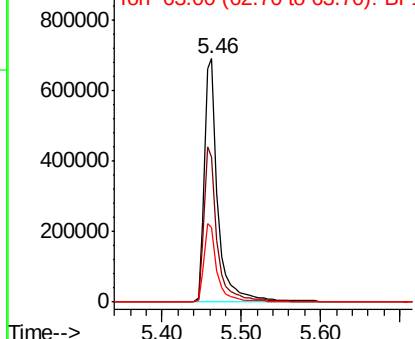
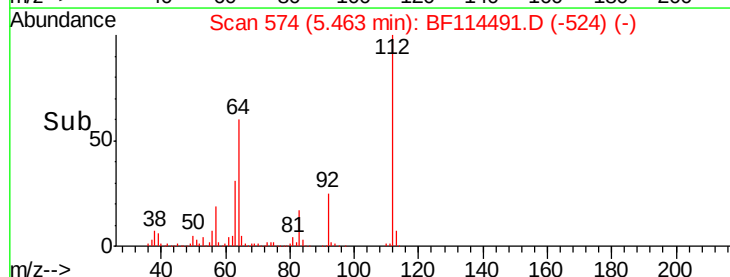
#5

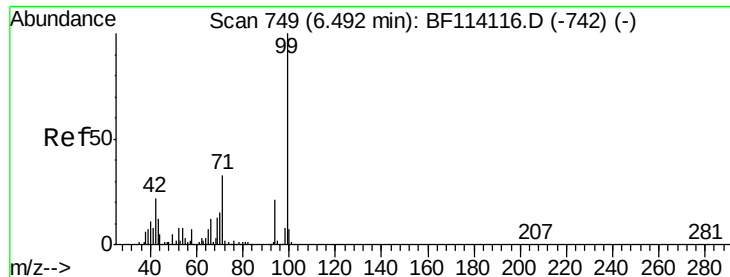
2-Fluorophenol
Concen: 82.488 ng
RT: 5.46 min Scan# 574
Delta R.T. -0.01 min
Lab File: BF114491.D
Acq: 22 May 2019 19:01

Tgt Ion:112 Resp: 836057
Ion Ratio Lower Upper
112 100
64 59.7 49.0 73.6
63 30.7 24.6 37.0



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: 91.678 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF114491.D

Acq: 22 May 2019 19:01

Instrument :

BNA_F

ClientSampleID :

DB-4

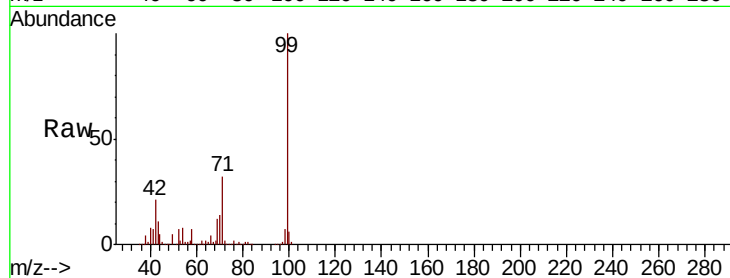
Tot Ion: 99 Resp: 1098988

Ion Ratio Lower Upper

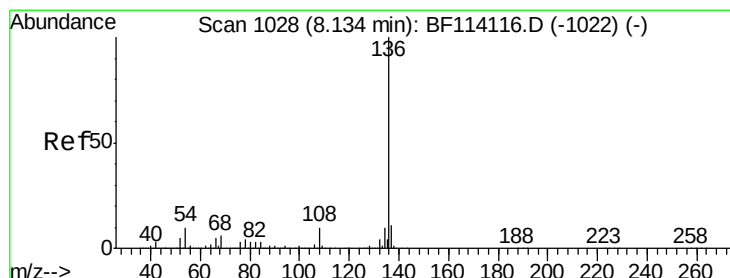
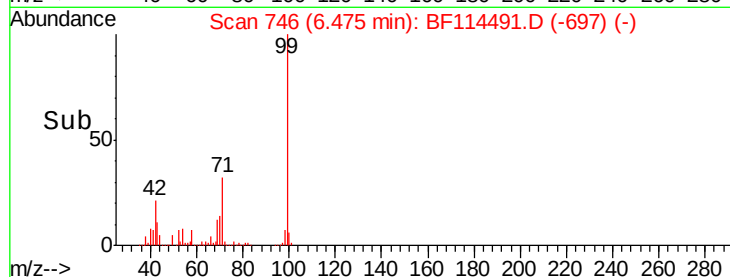
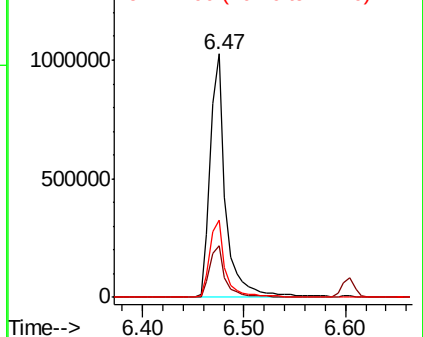
99 100

42 21.2 17.9 26.9

71 31.7 26.2 39.2



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: 8.11 min Scan# 1024

Delta R.T. -0.01 min

Lab File: BF114491.D

Acq: 22 May 2019 19:01

Tgt Ion: 136 Resp: 641574

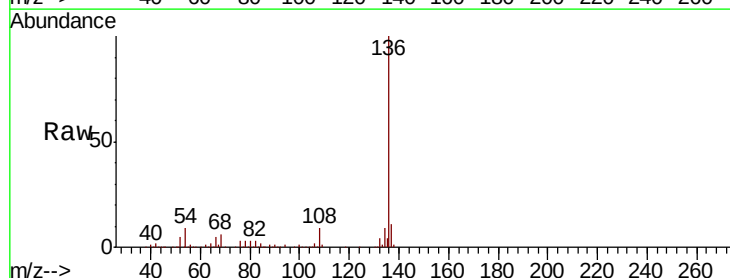
Ion Ratio Lower Upper

136 100

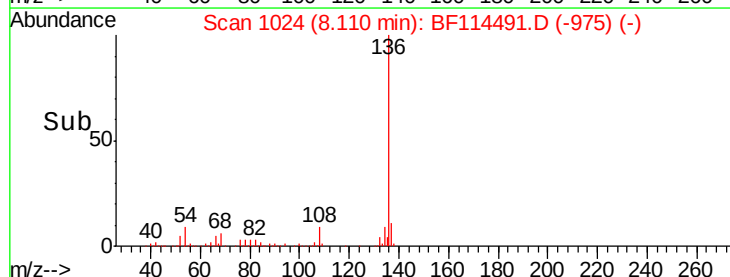
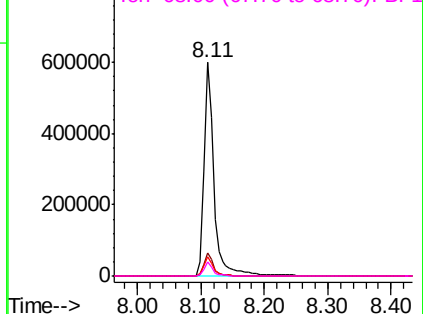
137 11.1 8.8 13.2

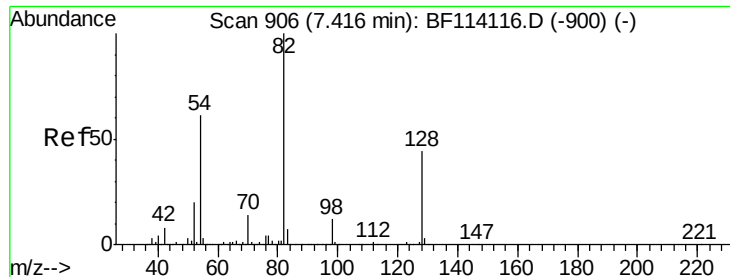
54 9.1 7.8 11.8

68 6.3 5.1 7.7



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

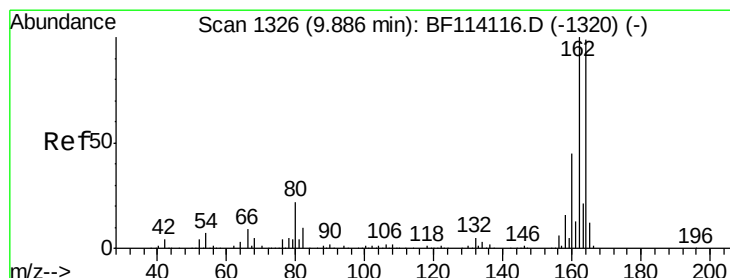
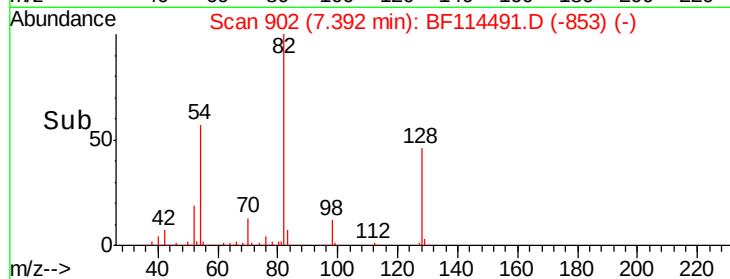
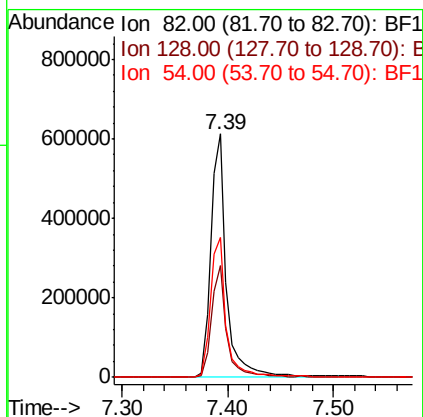
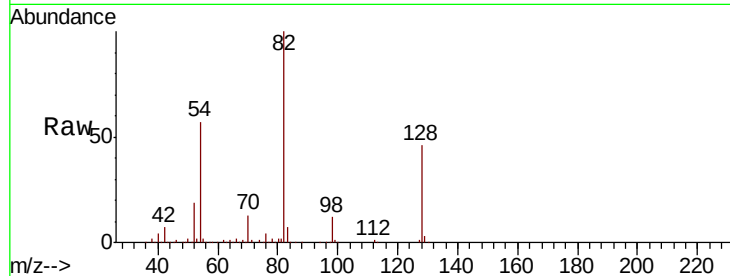




#23
Nitrobenzene-d5
Concen: 56.288 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.01 min
Lab File: BF114491.D
Acq: 22 May 2019 19:01

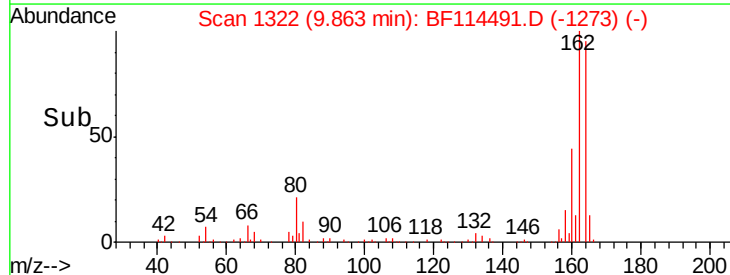
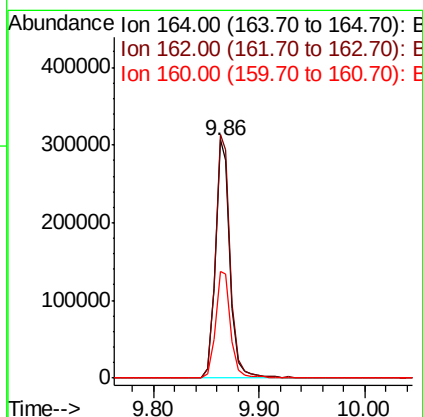
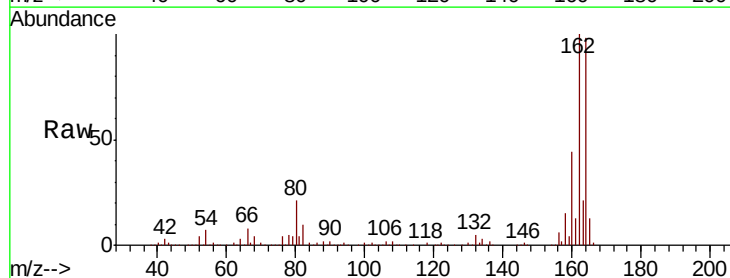
Instrument :
BNA_F
ClientSampleId :
DB-4

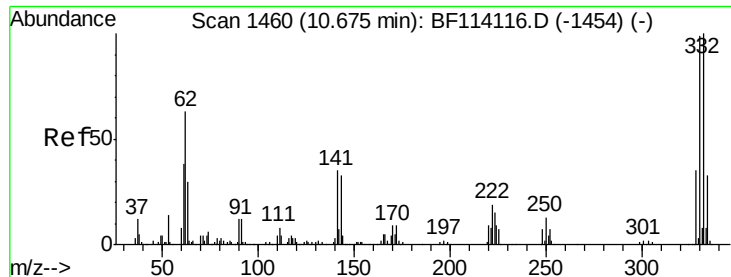
Tot Ion	82	Resp	643499
Ion Ratio	Lower	Upper	
82	100		
128	46.0	35.5	53.3
54	57.5	48.5	72.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BF114491.D
Acq: 22 May 2019 19:01

Tgt Ion	164	Resp	302682
Ion Ratio	Lower	Upper	
164	100		
162	102.1	80.6	120.8
160	44.9	36.5	54.7





#42

2,4,6-Tribromophenol

Concen: 80.670 ng

RT: 10.66 min Scan# 1457

Delta R.T. -0.01 min

Lab File: BF114491.D

Acq: 22 May 2019 19:01

Instrument :

BNA_F

ClientSampleId :

DB-4

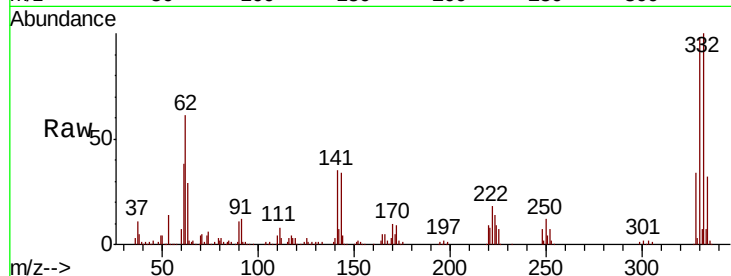
Tot Ion:330 Resp: 252435

Ion Ratio Lower Upper

330 100

332 101.9 81.4 122.2

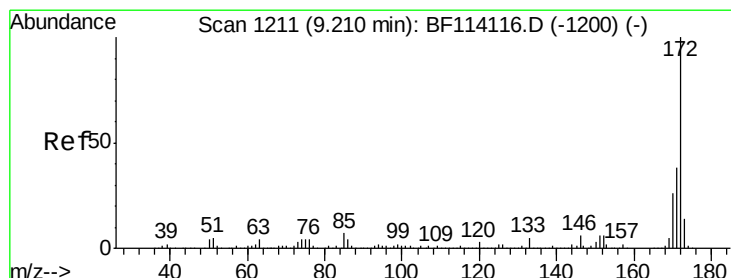
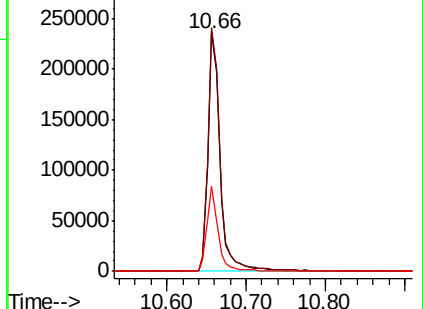
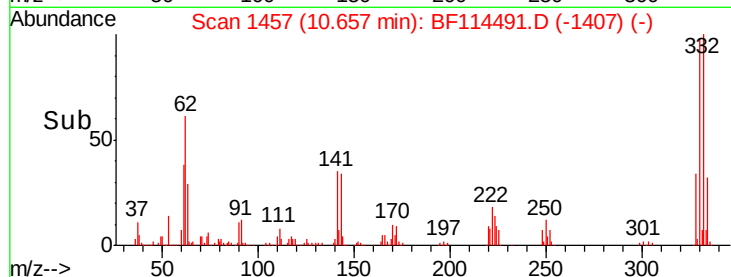
141 33.8 26.6 40.0



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: 57.002 ng

RT: 9.19 min Scan# 1207

Delta R.T. -0.01 min

Lab File: BF114491.D

Acq: 22 May 2019 19:01

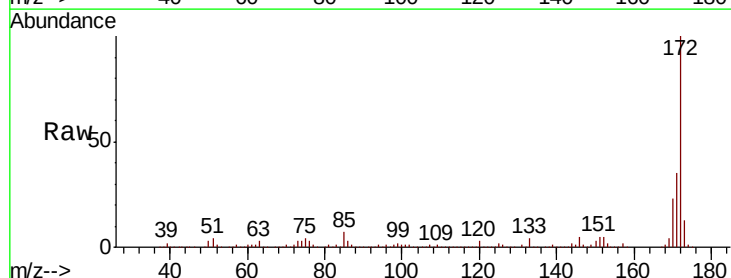
Tgt Ion:172 Resp: 1140592

Ion Ratio Lower Upper

172 100

171 35.1 30.7 46.1

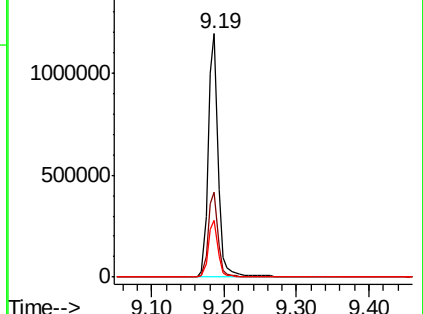
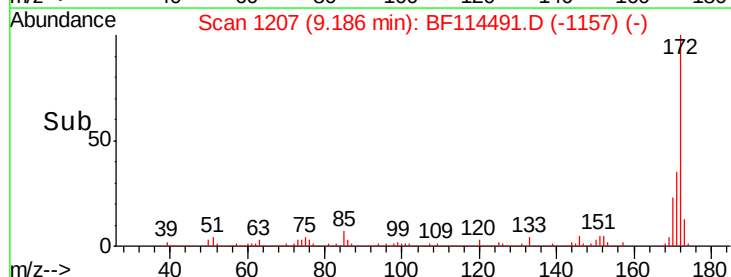
170 23.3 20.5 30.7

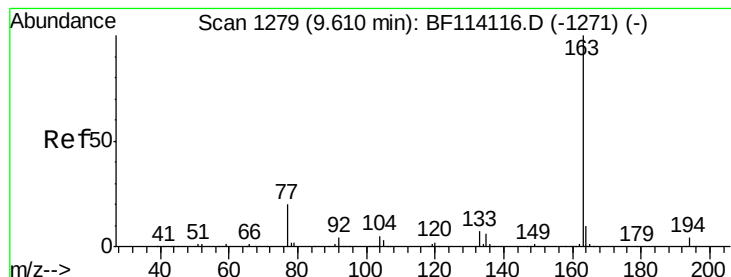


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 8.430 ng

RT: 9.58 min Scan# 1274

Delta R.T. -0.01 min

Lab File: BF114491.D

Acq: 22 May 2019 19:01

Instrument :

BNA_F

ClientSampleID :

DB-4

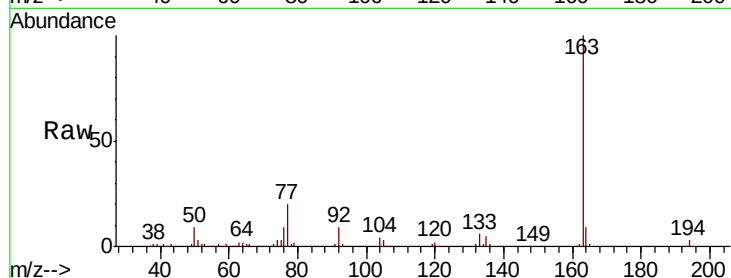
Tot Ion:163 Resp: 187316

Ion Ratio Lower Upper

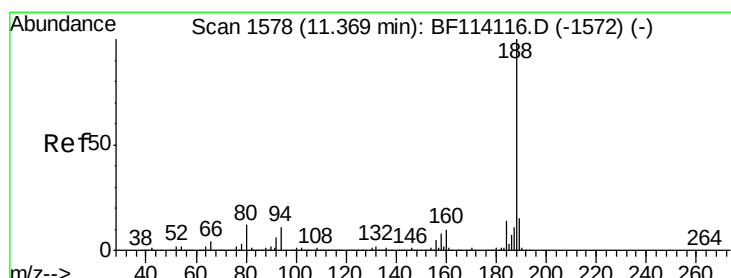
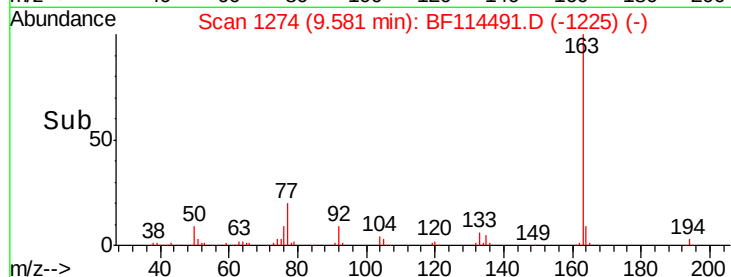
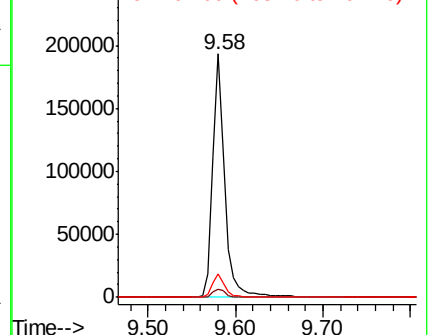
163 100

194 3.5 3.4 5.0

164 9.4 8.2 12.2



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: 11.35 min Scan# 1575

Delta R.T. -0.01 min

Lab File: BF114491.D

Acq: 22 May 2019 19:01

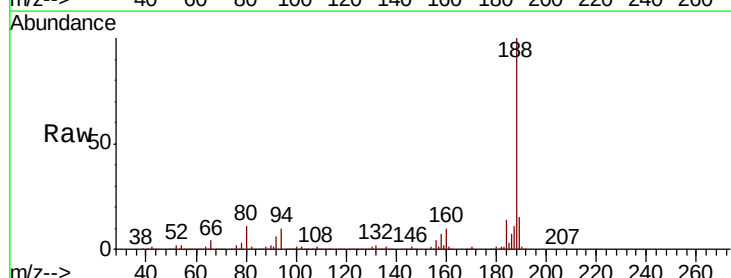
Tgt Ion:188 Resp: 582153

Ion Ratio Lower Upper

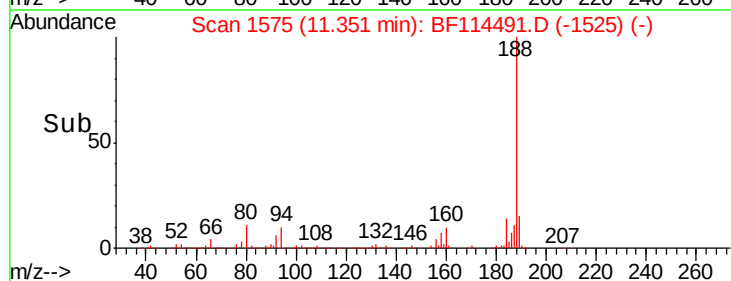
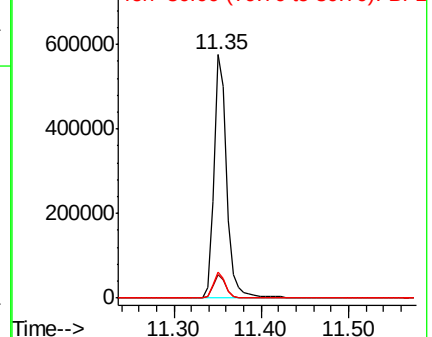
188 100

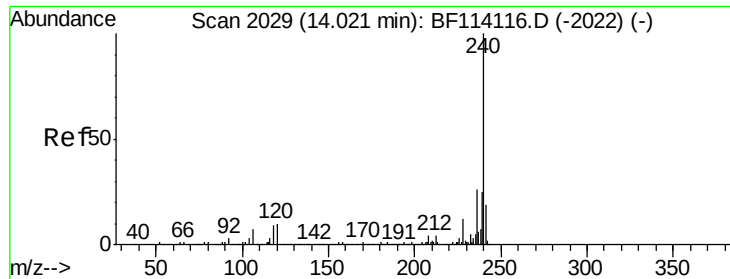
94 9.7 8.4 12.6

80 10.8 9.2 13.8



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

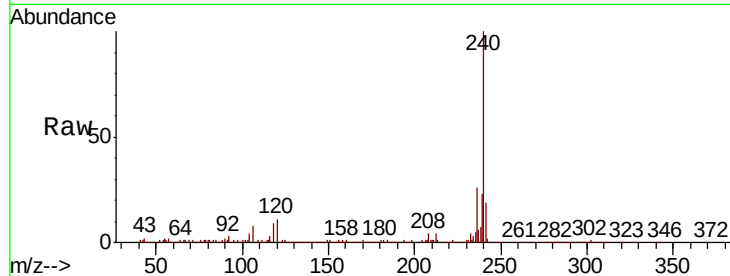




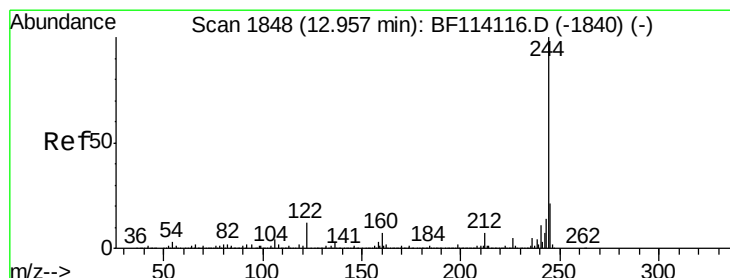
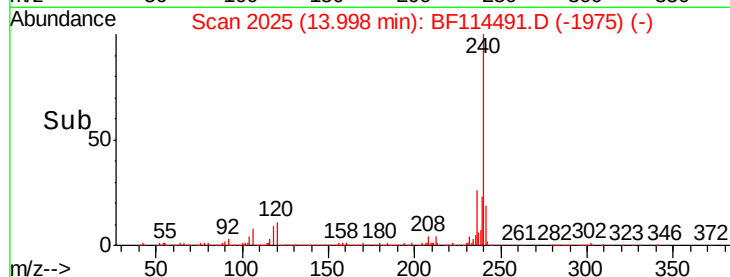
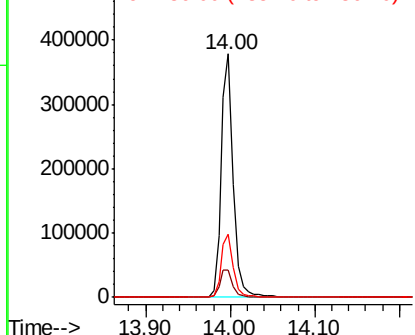
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF114491.D
Acq: 22 May 2019 19:01

Instrument :
BNA_F
ClientSampleID :
DB-4

Tot Ion:240 Resp: 379334
Ion Ratio Lower Upper
240 100
120 11.2 8.3 12.5
236 25.7 20.8 31.2

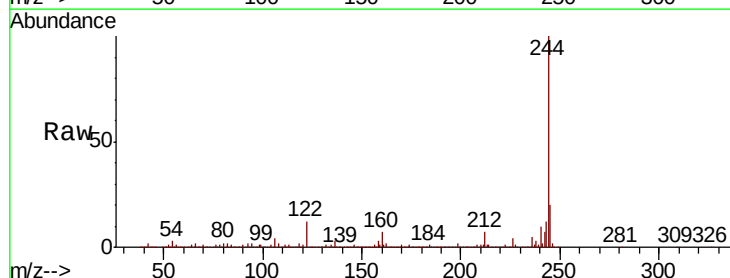


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

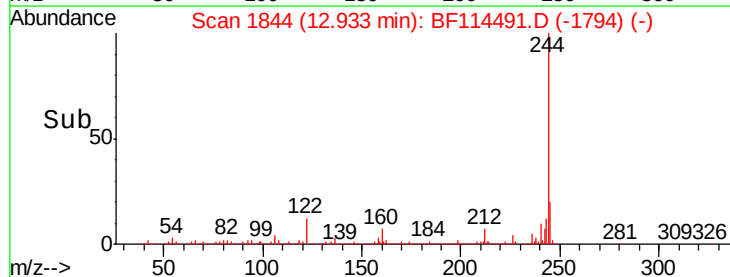
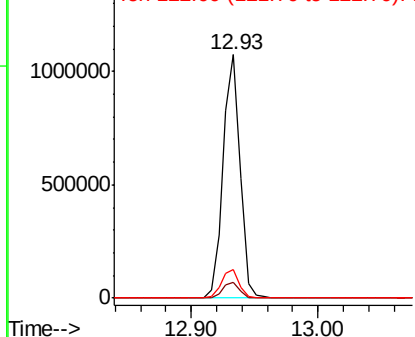


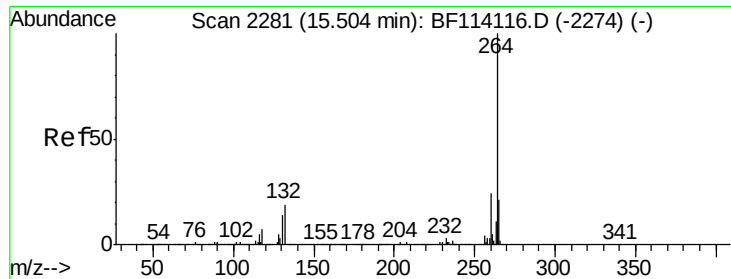
#79
Terphenyl-d14
Concen: 54.665 ng
RT: 12.93 min Scan# 1844
Delta R.T. -0.01 min
Lab File: BF114491.D
Acq: 22 May 2019 19:01

Tgt Ion:244 Resp: 1005924
Ion Ratio Lower Upper
244 100
212 6.7 5.8 8.6
122 11.8 9.4 14.2



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
Pervlene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2274
Delta R.T. 0.00 min
Lab File: BF114491.D
Acq: 22 May 2019 19:01

Instrument :
BNA_F
ClientSampleId :
DB-4

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.4	29.0
265	22.4	16.9	25.3

