

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052419\
 Data File : BF114580.D
 Acq On : 24 May 2019 20:05
 Operator : JU/SJ
 Sample : K2970-17
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-10

Quant Time: May 24 23:18:40 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 24 07:23:33 2019
 Response via : Initial Calibration

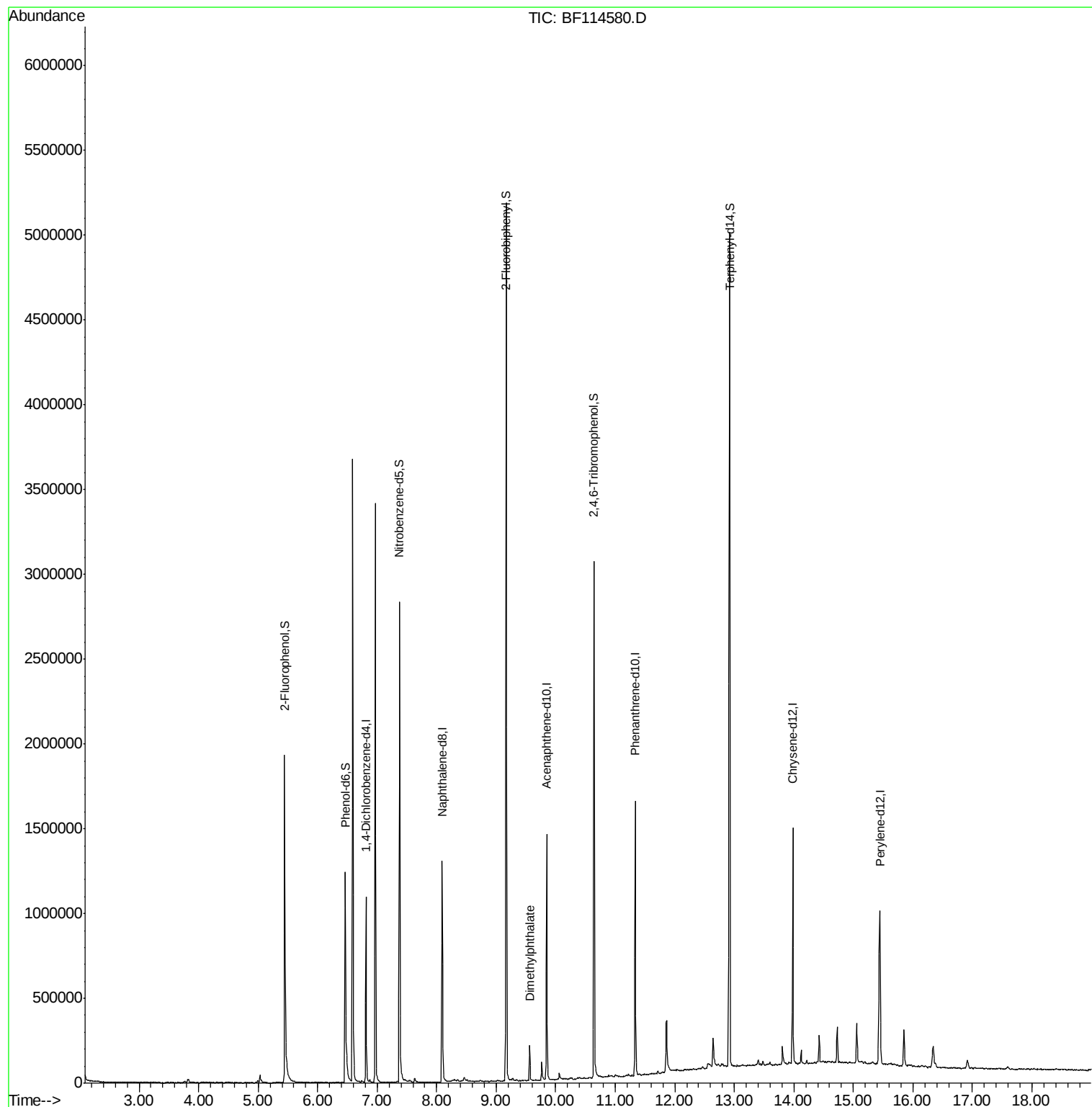
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	157379	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	605531	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	289563	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	595807	20.00	ng	0.00
76) Chrysene-d12	13.98	240	451726	20.00	ng	0.00
87) Perylene-d12	15.44	264	438524	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	645861	66.04	ng	0.00
7) Phenol-d6	6.46	99	549933	47.54	ng	0.00
23) Nitrobenzene-d5	7.37	82	940523	87.17	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	396668	132.51	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1634025	85.36	ng	0.00
79) Terphenyl-d14	12.92	244	1770727	80.81	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.56	163	83975	3.951	ng	Qvalue 99

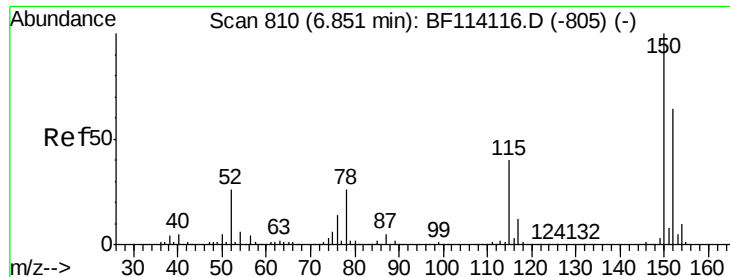
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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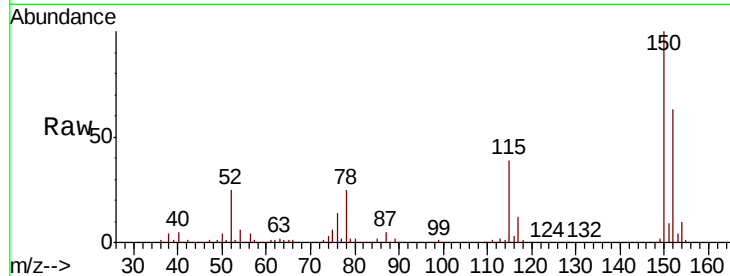




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.81 min Scan# 803
 Delta R.T. -0.01 min
 Lab File: BF114580.D
 Acq: 24 May 2019 20:05

Instrument :
 BNA_F
 ClientSampleId :
 TP-10

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.0	124.3	186.5
115	62.3	49.1	73.7

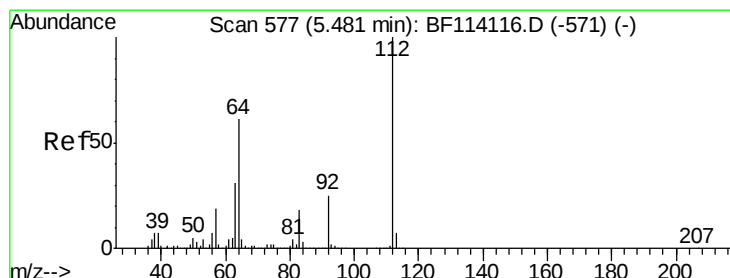
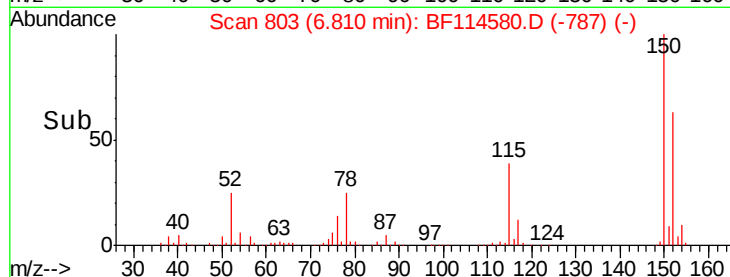
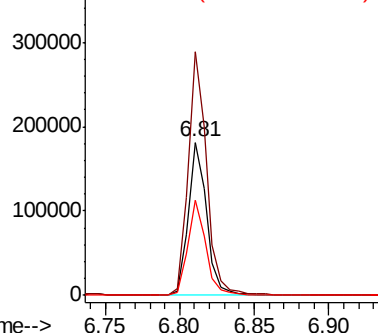


Abundance

Ion 152.00 (151.70 to 152.70): E

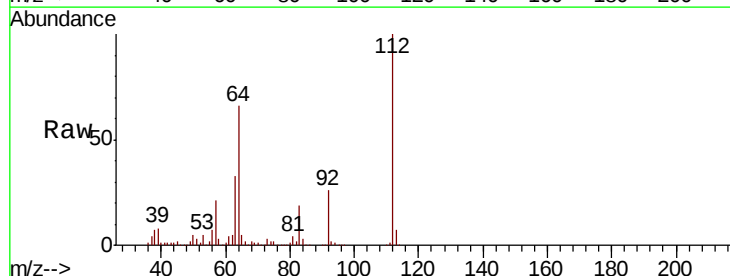
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5
 2-Fluorophenol
 Concen: 66.042 ng
 RT: 5.45 min Scan# 571
 Delta R.T. 0.00 min
 Lab File: BF114580.D
 Acq: 24 May 2019 20:05

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.1	49.0	73.6
63	32.8	24.6	37.0

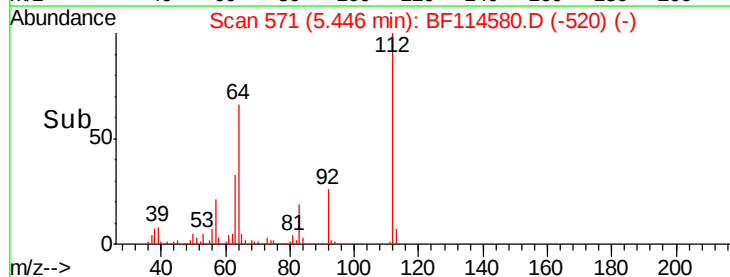
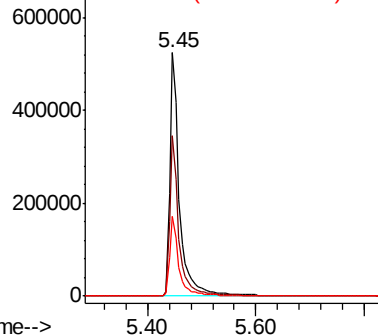


Abundance

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: 47.545 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.00 min

Lab File: BF114580.D

Acq: 24 May 2019 20:05

Instrument :

BNA_F

ClientSampleId :

TP-10

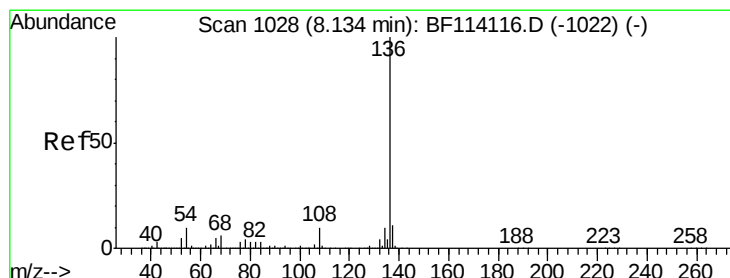
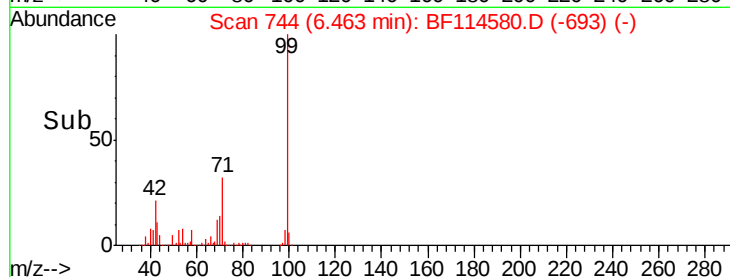
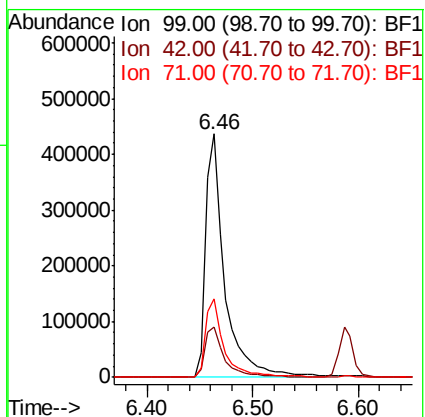
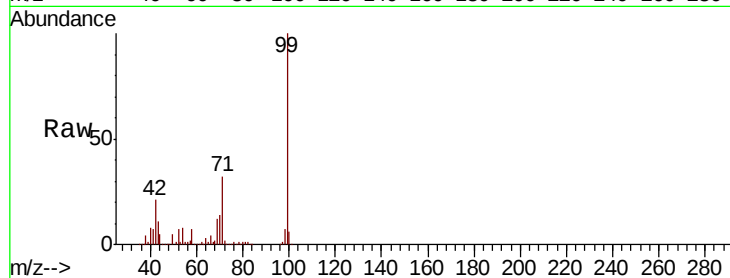
Tot Ion: 99 Resp: 549933

Ion Ratio Lower Upper

99 100

42 20.8 17.9 26.9

71 32.3 26.2 39.2



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF114580.D

Acq: 24 May 2019 20:05

Tgt Ion: 136 Resp: 605531

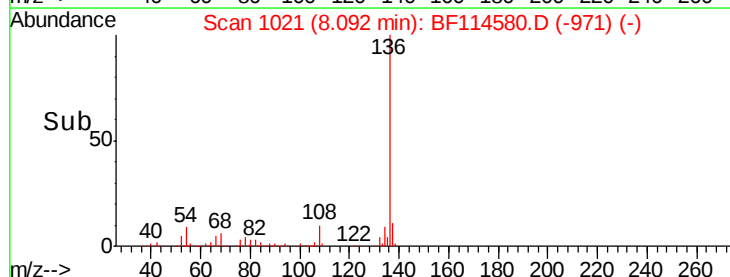
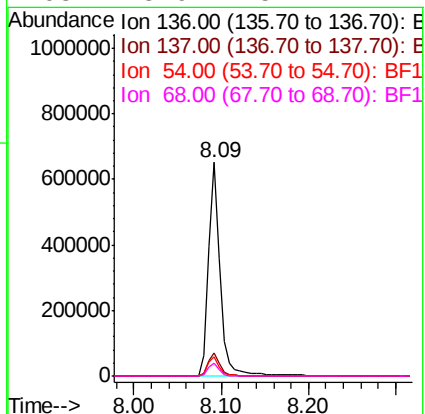
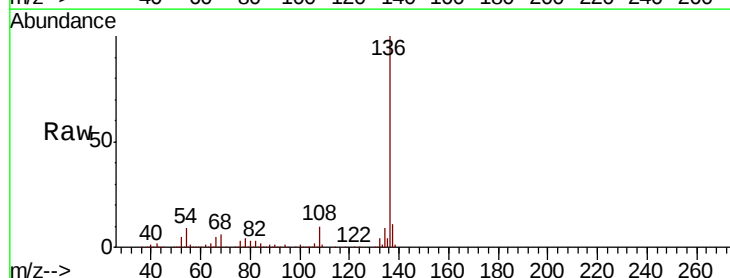
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 9.0 7.8 11.8

68 5.9 5.1 7.7

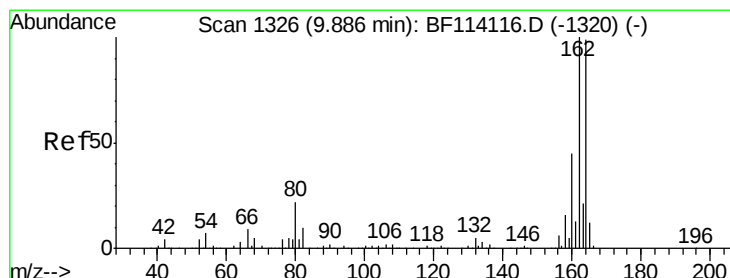
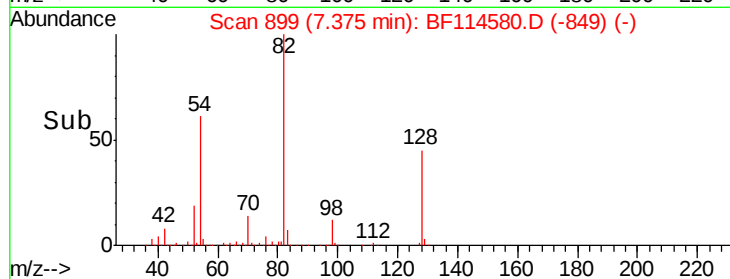
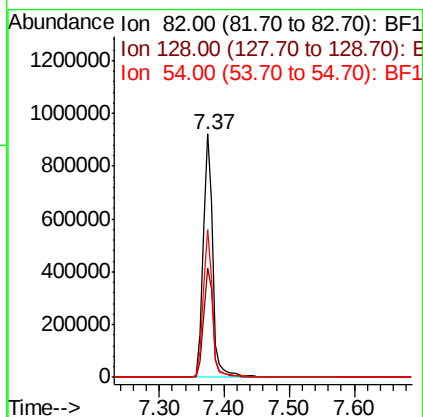
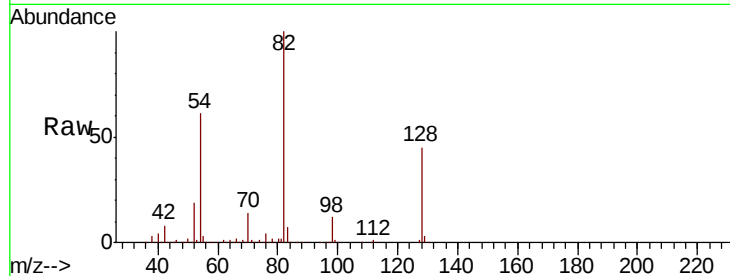




#23
 Nitrobenzene-d5
 Concen: 87.167 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: BF114580.D
 Acq: 24 May 2019 20:05

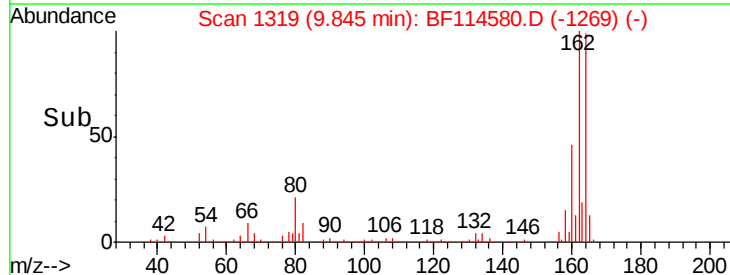
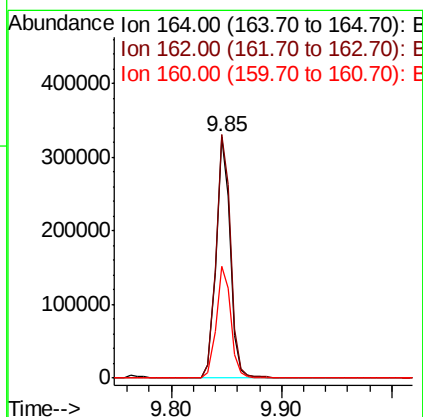
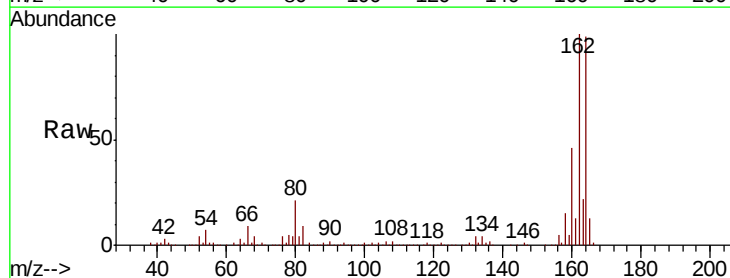
Instrument :
 BNA_F
 ClientSampled :
 TP-10

Tot Ion: 82 Resp: 940523
 Ion Ratio Lower Upper
 82 100
 128 45.1 35.5 53.3
 54 60.5 48.5 72.7



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.01 min
 Lab File: BF114580.D
 Acq: 24 May 2019 20:05

Tgt Ion: 164 Resp: 289563
 Ion Ratio Lower Upper
 164 100
 162 101.0 80.6 120.8
 160 46.4 36.5 54.7

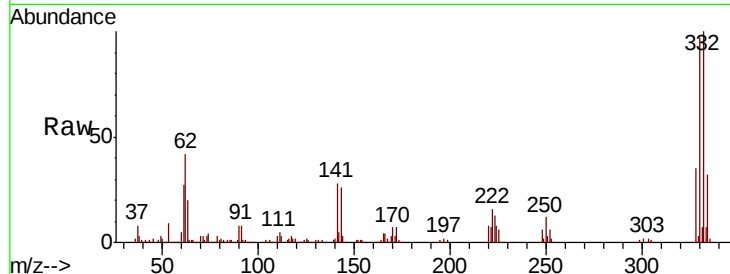




#42
 2,4,6-Tribromophenol
 Concen: 132.506 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. 0.00 min
 Lab File: BF114580.D
 Acq: 24 May 2019 20:05

Instrument :
 BNA_F
 ClientSampleId :
 TP-10

Tot Ion	Ratio	Lower	Upper
330	100		
332	102.1	81.4	122.2
141	34.3	26.6	40.0

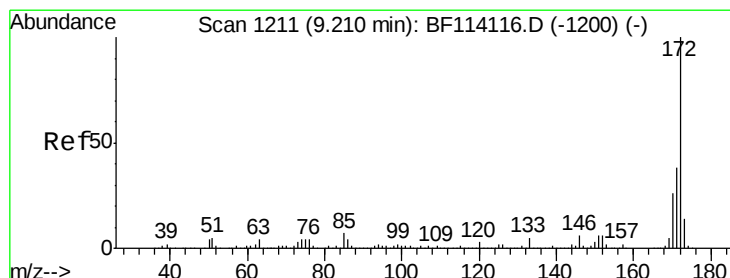
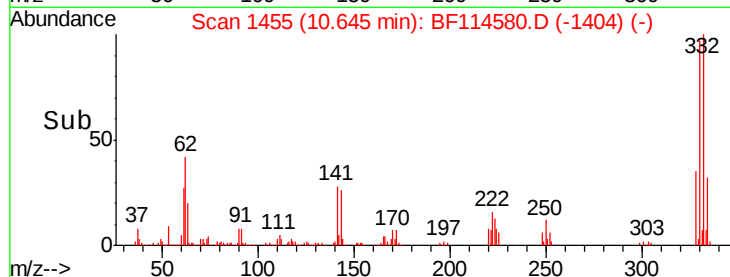
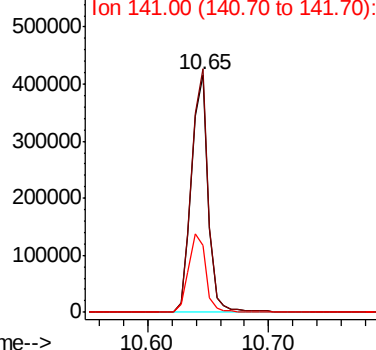


Abundance

Ion 329.80 (329.50 to 330.50): E

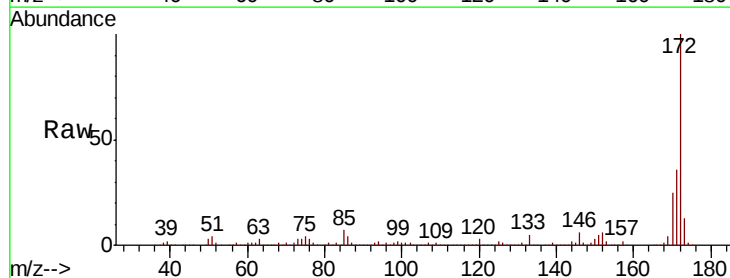
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 85.361 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF114580.D
 Acq: 24 May 2019 20:05

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	30.7	46.1
170	24.6	20.5	30.7

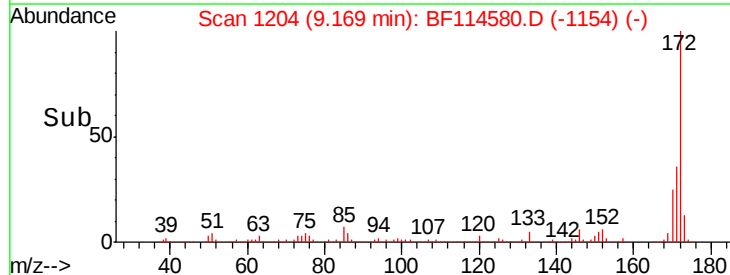
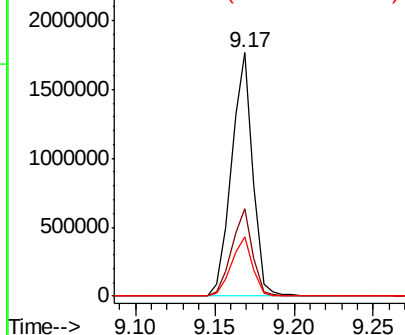


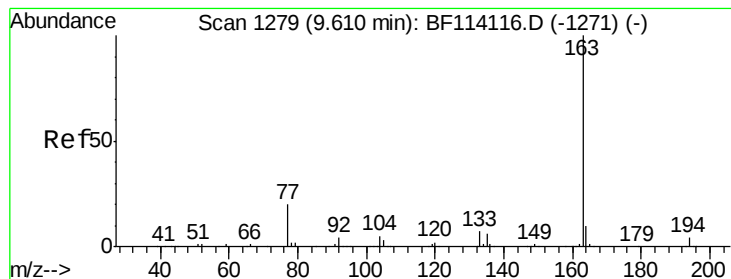
Abundance

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: 3.951 ng

RT: 9.56 min Scan# 1271

Delta R.T. -0.01 min

Lab File: BF114580.D

Acq: 24 May 2019 20:05

Instrument :

BNA_F

ClientSampleId :

TP-10

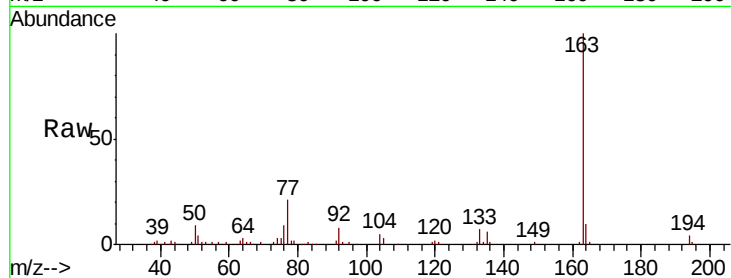
Tot Ion:163 Resp: 83975

Ion Ratio Lower Upper

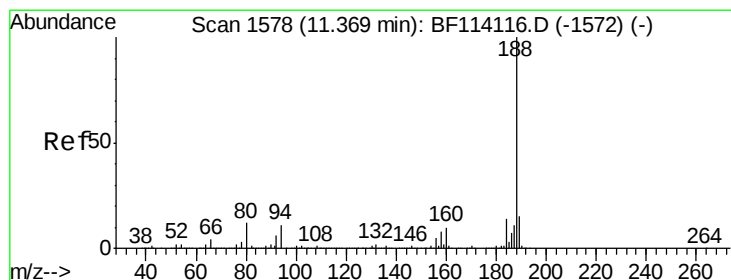
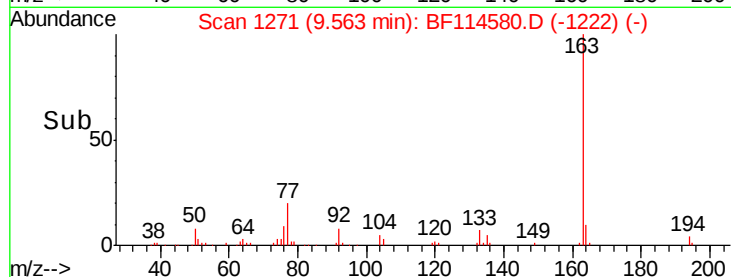
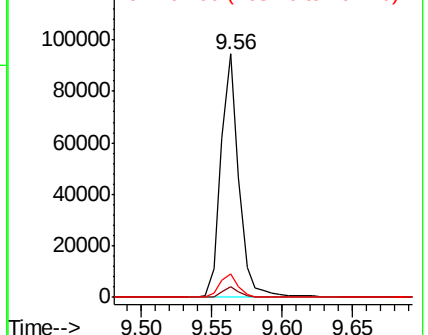
163 100

194 4.1 3.4 5.0

164 9.8 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: 11.33 min Scan# 1572

Delta R.T. -0.01 min

Lab File: BF114580.D

Acq: 24 May 2019 20:05

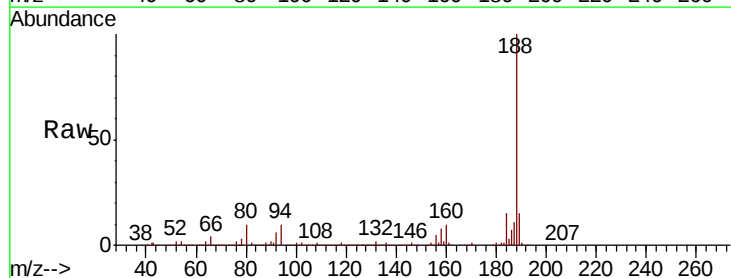
Tgt Ion:188 Resp: 595807

Ion Ratio Lower Upper

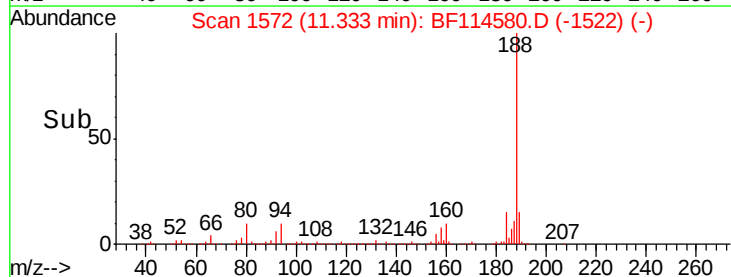
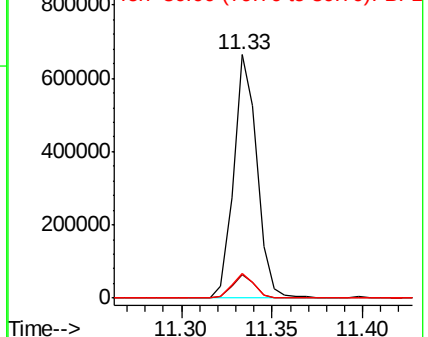
188 100

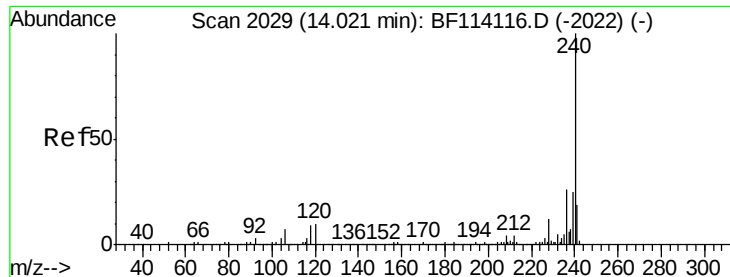
94 9.7 8.4 12.6

80 10.0 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

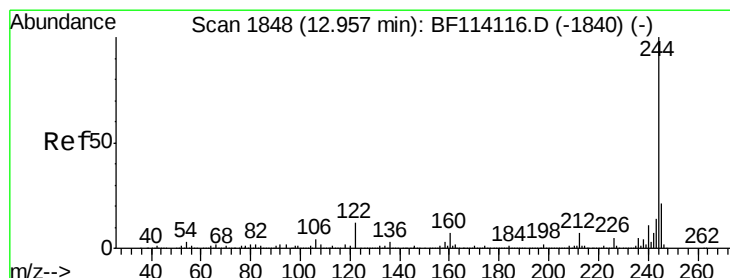
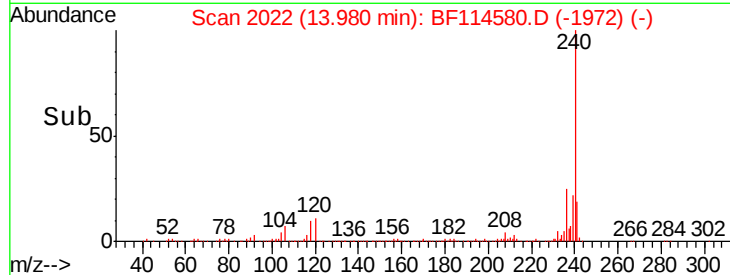
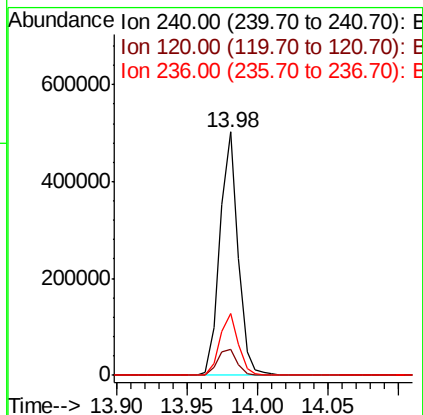
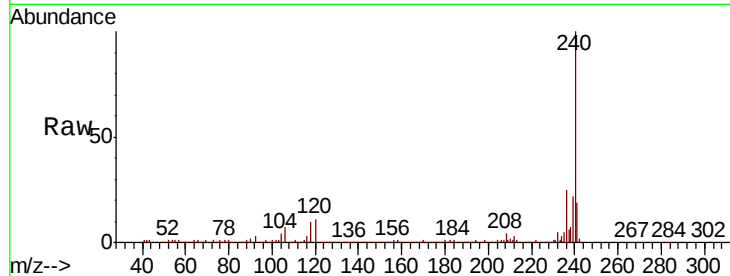




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.01 min
 Lab File: BF114580.D
 Acq: 24 May 2019 20:05

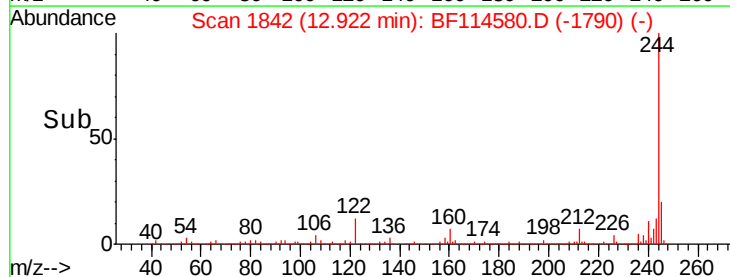
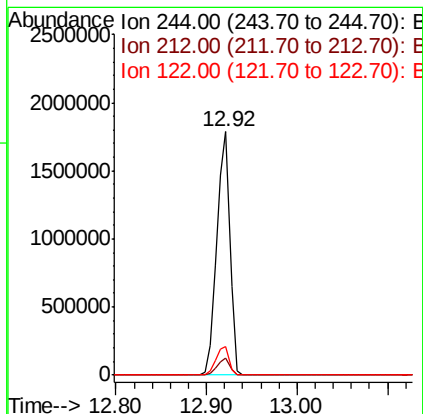
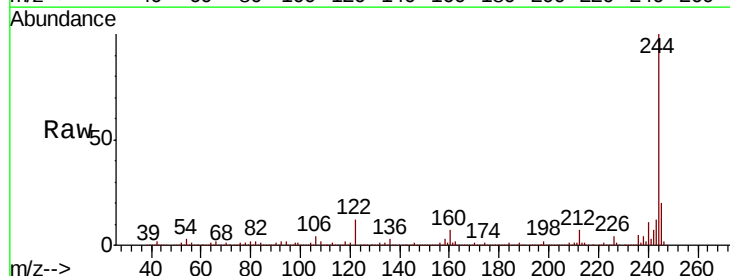
Instrument :
 BNA_F
 ClientSampleId :
 TP-10

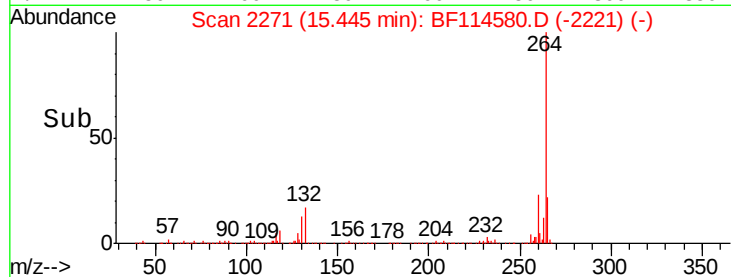
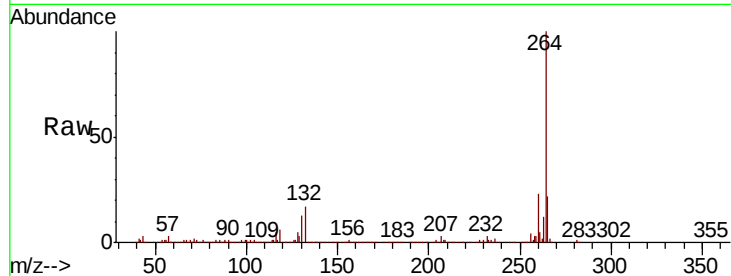
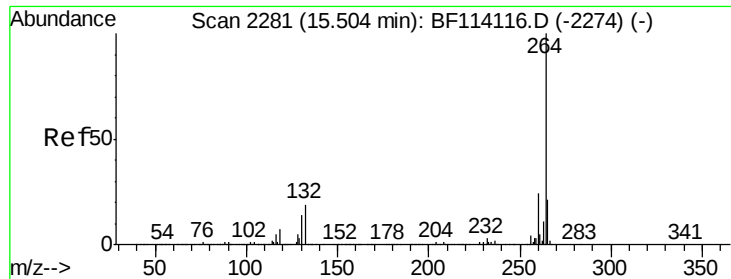
Tot Ion:240 Resp: 451726
 Ion Ratio Lower Upper
 240 100
 120 10.8 8.3 12.5
 236 25.3 20.8 31.2



#79
 Terphenyl-d14
 Concen: 80.806 ng
 RT: 12.92 min Scan# 1842
 Delta R.T. 0.01 min
 Lab File: BF114580.D
 Acq: 24 May 2019 20:05

Tgt Ion:244 Resp: 1770727
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.6
 122 11.9 9.4 14.2





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2271
 Delta R.T. -0.01 min
 Lab File: BF114580.D
 Acq: 24 May 2019 20:05

Instrument :
 BNA_F
 ClientSampleId :
 TP-10

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.4	29.0
265	22.1	16.9	25.3

