

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081219\
 Data File : BF116214.D
 Acq On : 13 Aug 2019 2:50
 Operator : HP/JU
 Sample : K4085-05
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-080919-C

Quant Time: Aug 13 04:00:07 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 07 11:13:18 2019
 Response via : Initial Calibration

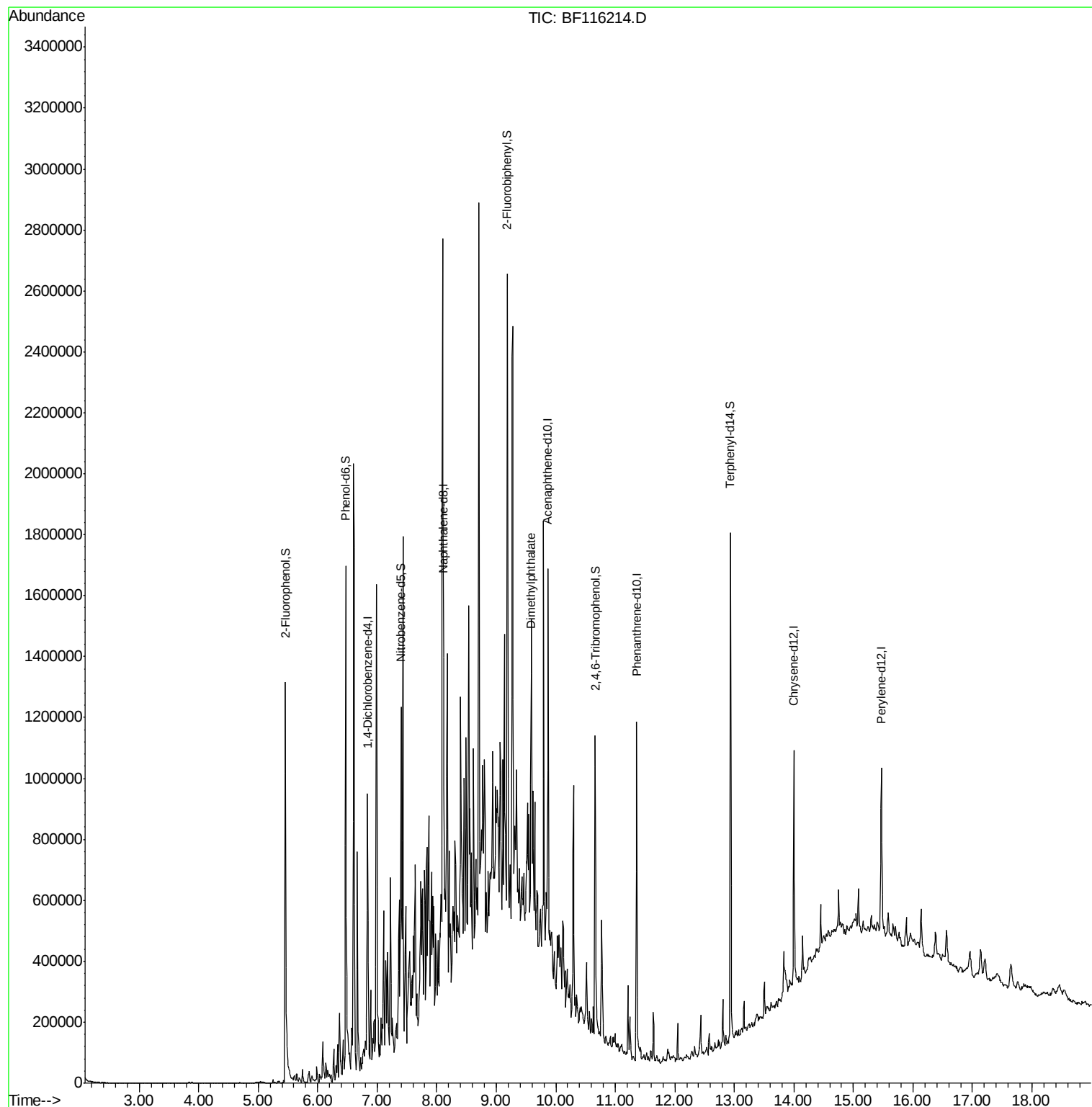
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	121936	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	477263	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	250263	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	400004	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	287324	20.00	ng	0.00
87) Perylene-d12	15.47	264	267713	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	502833	69.03	ng	-0.01
7) Phenol-d6	6.47	99	676378	73.60	ng	-0.02
23) Nitrobenzene-d5	7.40	82	391703	47.37	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	144949	59.74	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	708336	53.01	ng	-0.01
79) Terphenyl-d14	12.94	244	625645	45.88	ng	-0.01
Target Compounds						
50) Dimethylphthalate	9.58	163	76387	4.483	ng	Qvalue # 96

(#) = 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# 807

Delta R.T. -0.01 min

Lab File: BF116214.D

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Instrument :

BNA_F

ClientSampleId :

HR-05-080919-C

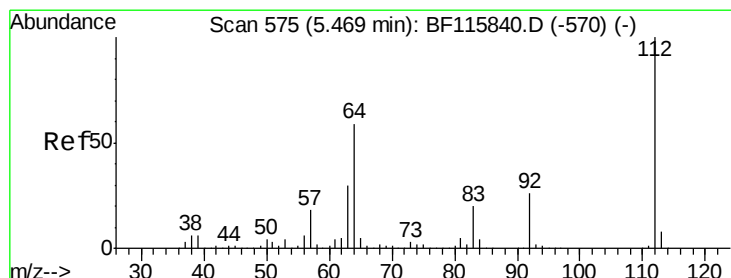
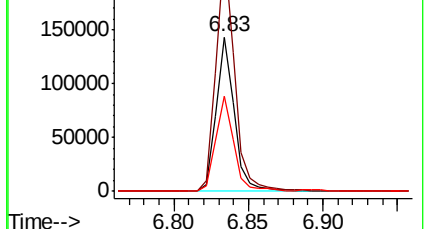
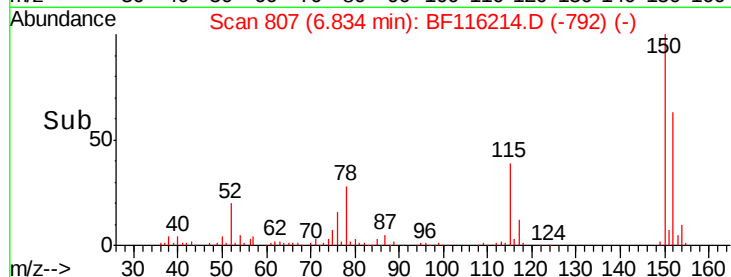
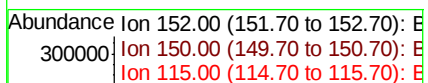
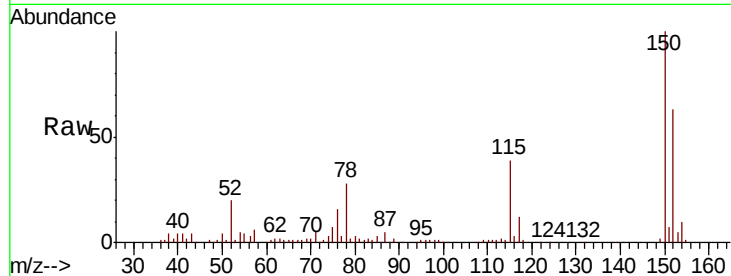
Tot Ion:152 Resp: 121936

Ion Ratio Lower Upper

152 100

150 157.9 126.2 189.2

115 61.9 49.9 74.9



#5

2-Fluorophenol

Concen: 69.034 ng

RT: 5.46 min Scan# 573

Delta R.T. -0.01 min

Lab File: BF116214.D

Acq: 13 Aug 2019 2:50

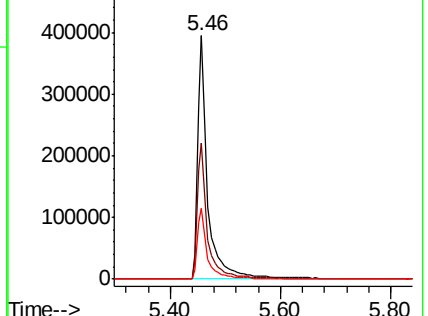
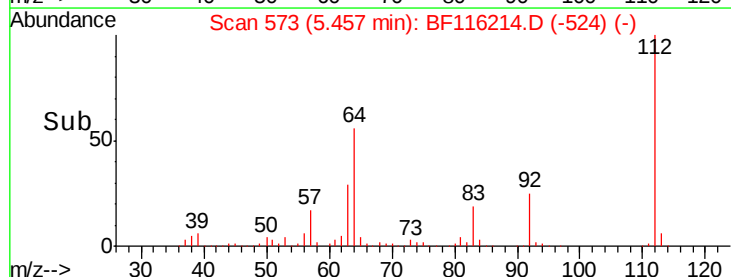
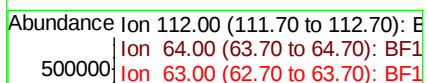
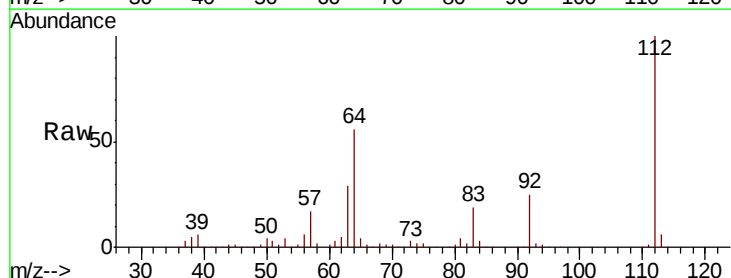
Tgt Ion:112 Resp: 502833

Ion Ratio Lower Upper

112 100

64 56.1 45.4 68.2

63 29.1 23.7 35.5





#7

Phenol-d6

Concen: 73.601 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.02 min

Lab File: BF116214.D

Acq: 13 Aug 2019 2:50

Instrument :

BNA_F

ClientSampleId :

HR-05-080919-C

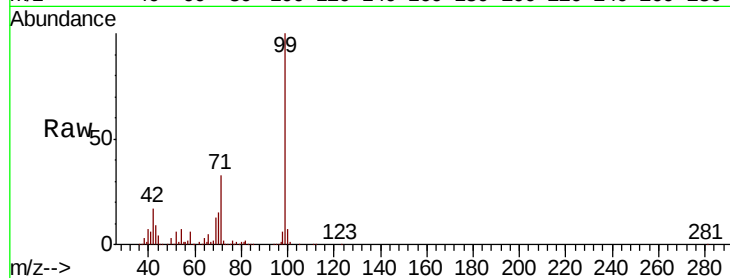
Tot Ion: 99 Resp: 676378

Ion Ratio Lower Upper

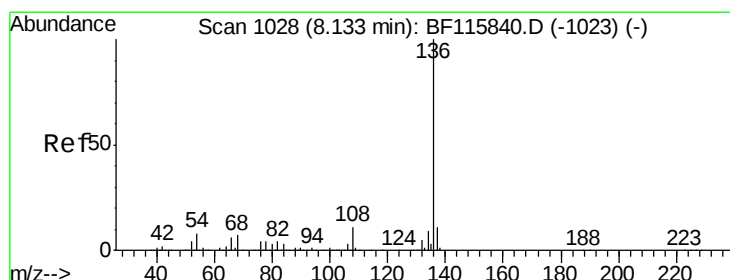
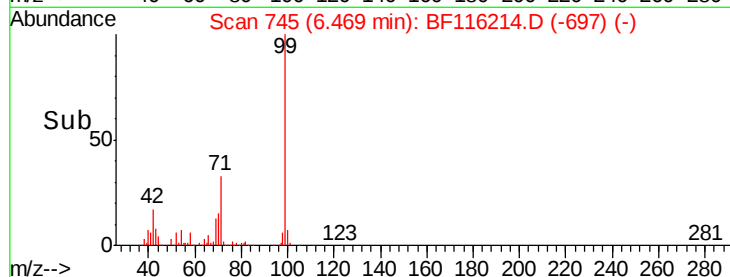
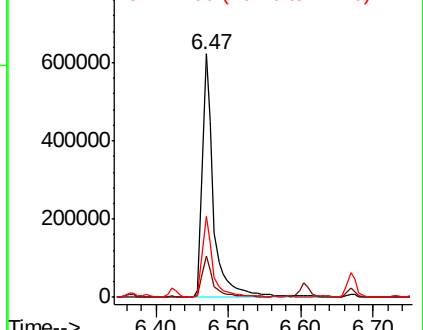
99 100

42 17.2 13.8 20.8

71 33.3 27.3 40.9



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# 1025

Delta R.T. -0.01 min

Lab File: BF116214.D

Acq: 13 Aug 2019 2:50

Tgt Ion: 136 Resp: 477263

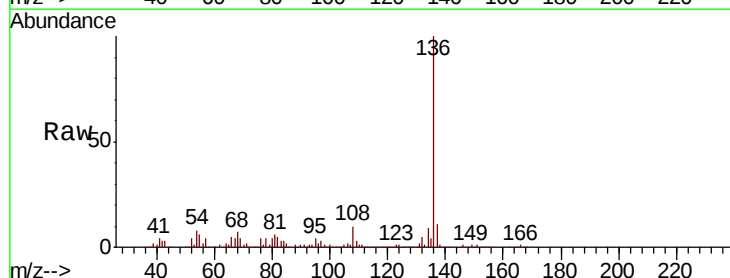
Ion Ratio Lower Upper

136 100

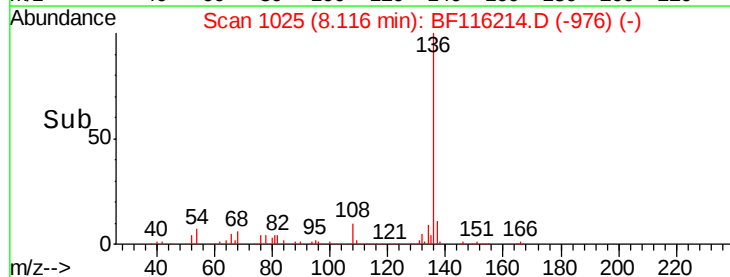
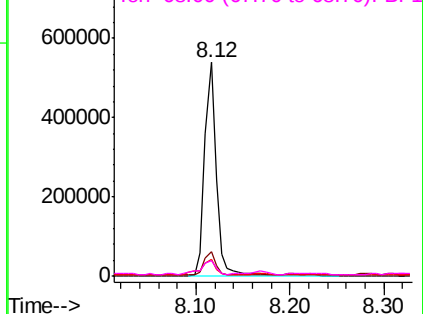
137 11.5 9.0 13.4

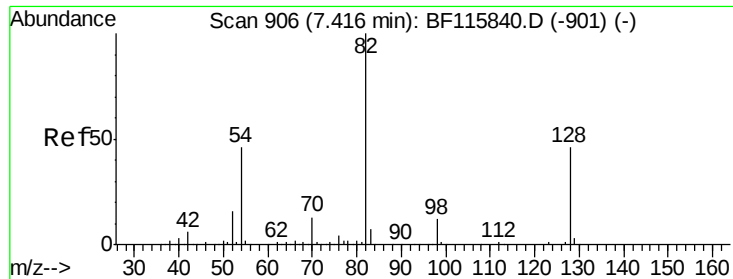
54 7.7 5.8 8.6

68 7.4 5.2 7.8



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

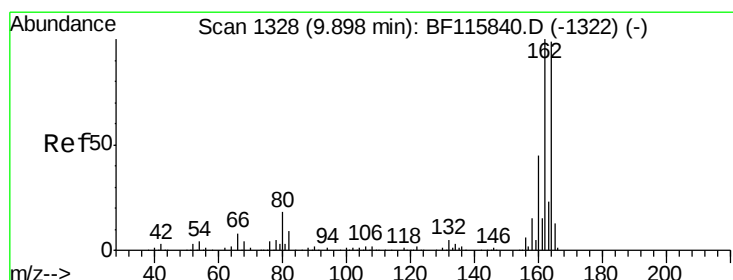
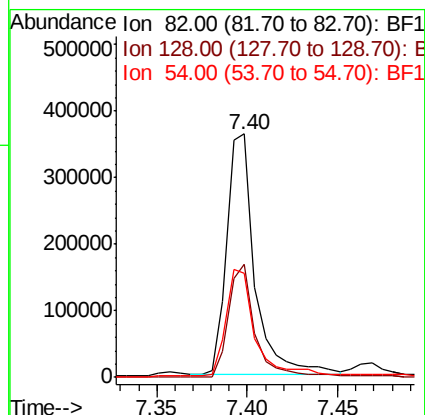
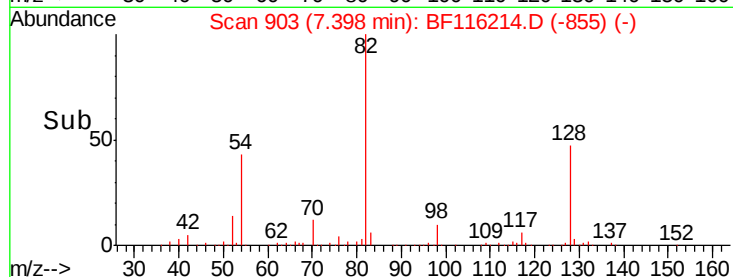
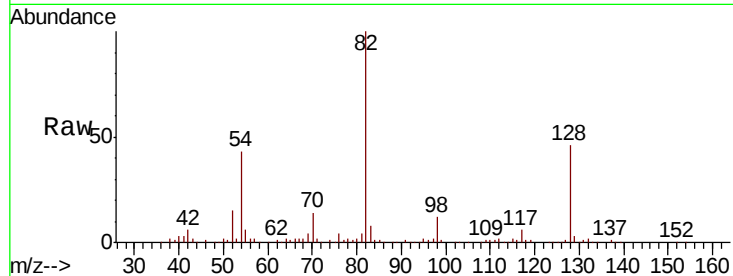




#23
 Nitrobenzene-d5
 Concen: 47.375 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.02 min
 Lab File: BF116214.D
 Acq: 13 Aug 2019 2:50

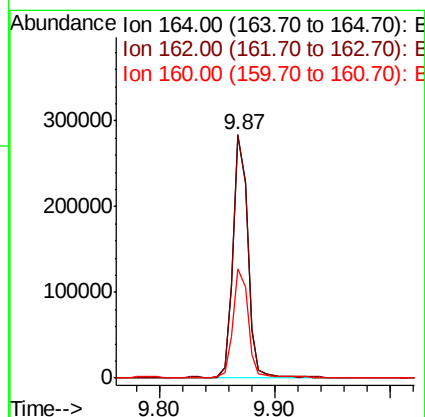
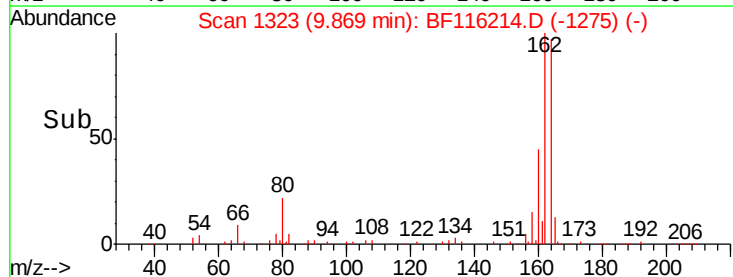
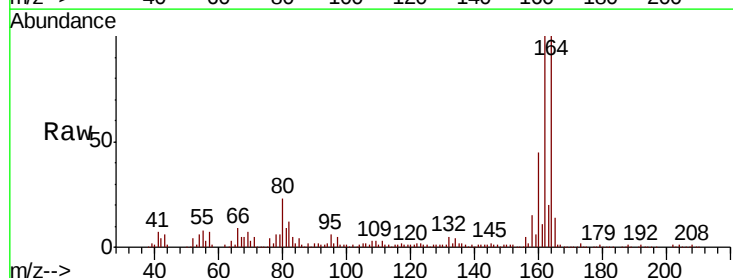
Instrument :
 BNA_F
 ClientSampleId :
 HR-05-080919-C

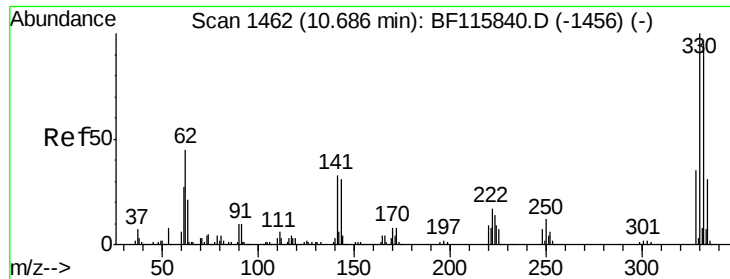
Tot Ion	Ratio	Lower	Upper
82	100		
128	46.5	36.5	54.7
54	42.9	36.0	54.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.02 min
 Lab File: BF116214.D
 Acq: 13 Aug 2019 2:50

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.4	82.6	124.0
160	45.2	37.6	56.4





#42

2,4,6-Tribromophenol

Concen: 59.739 ng

RT: 10.66 min Scan# 1458

Delta R.T. -0.01 min

Lab File: BF116214.D

Acq: 13 Aug 2019 2:50

Instrument :

BNA_F

ClientSampleId :

HR-05-080919-C

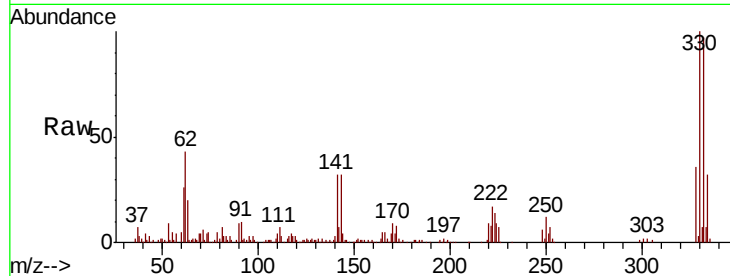
Tot Ion:330 Resp: 144949

Ion Ratio Lower Upper

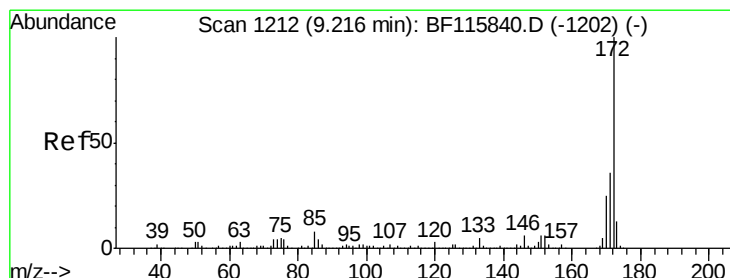
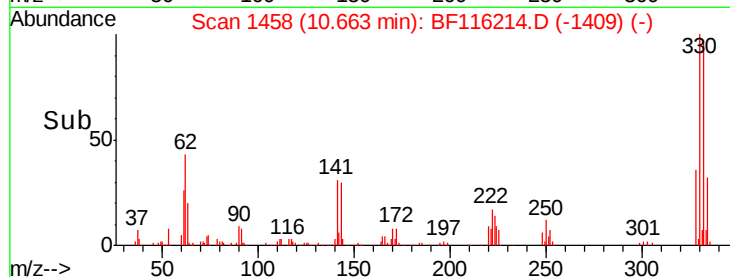
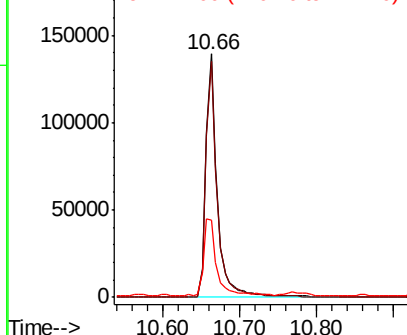
330 100

332 96.9 76.8 115.2

141 35.0 26.3 39.5



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: 53.015 ng

RT: 9.19 min Scan# 1208

Delta R.T. -0.01 min

Lab File: BF116214.D

Acq: 13 Aug 2019 2:50

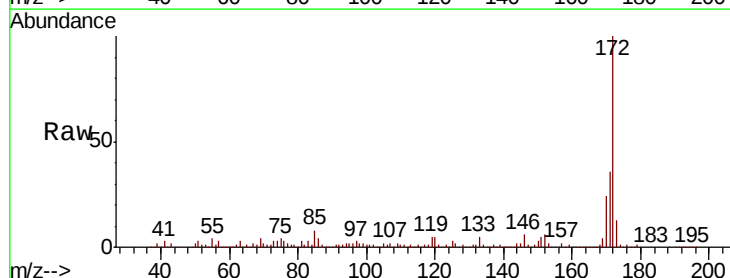
Tgt Ion:172 Resp: 708336

Ion Ratio Lower Upper

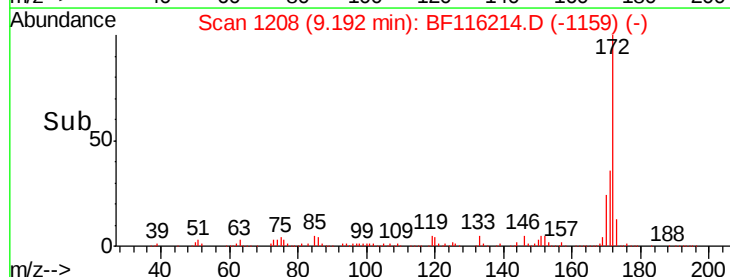
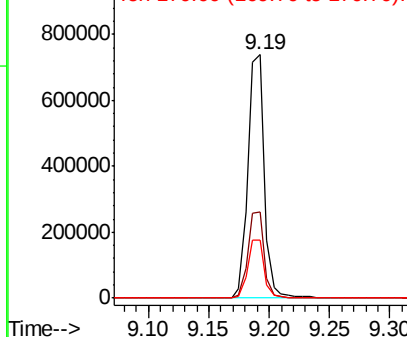
172 100

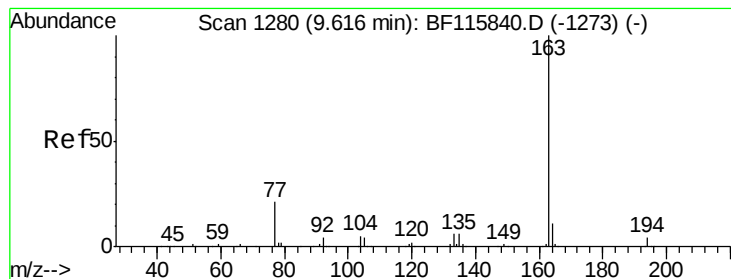
171 35.6 29.6 44.4

170 23.8 20.1 30.1



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: 4.483 ng

RT: 9.58 min Scan# 1274

Delta R.T. -0.02 min

Lab File: BF116214.D

Acq: 13 Aug 2019 2:50

Instrument :

BNA_F

ClientSampleId :

HR-05-080919-C

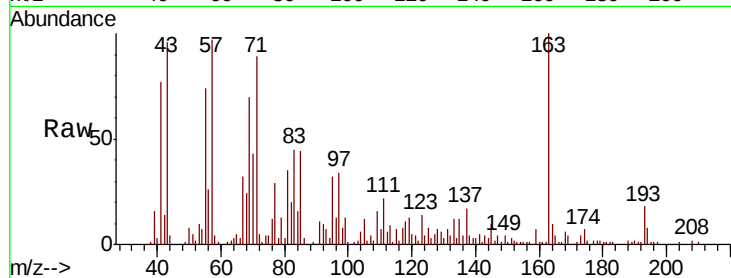
Tot Ion:163 Resp: 76387

Ion Ratio Lower Upper

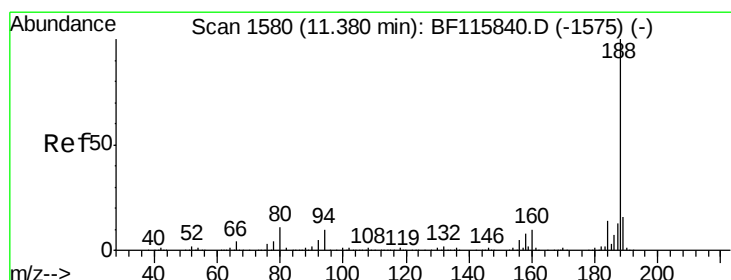
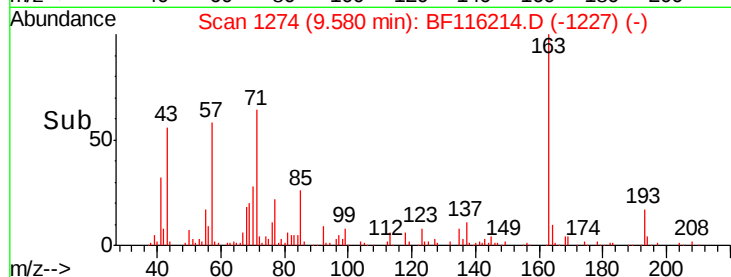
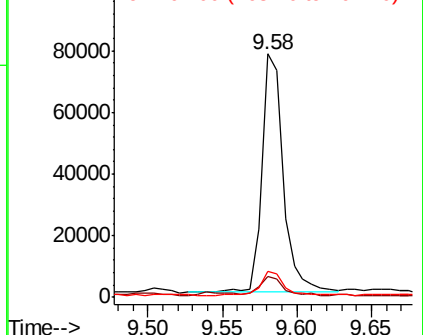
163 100

194 8.4 3.0 4.6#

164 10.5 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: 11.36 min Scan# 1576

Delta R.T. -0.01 min

Lab File: BF116214.D

Acq: 13 Aug 2019 2:50

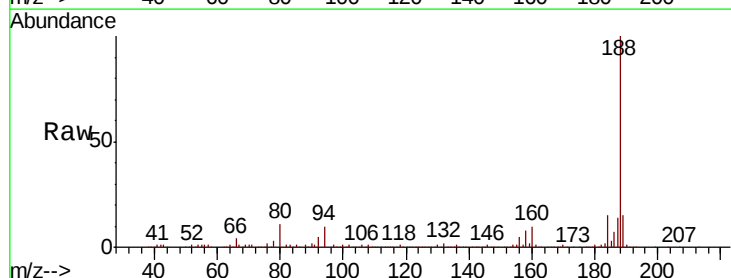
Tgt Ion:188 Resp: 400004

Ion Ratio Lower Upper

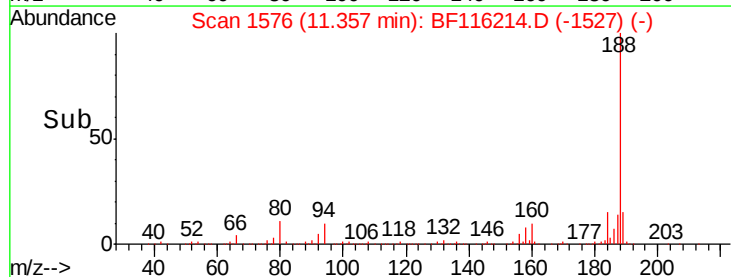
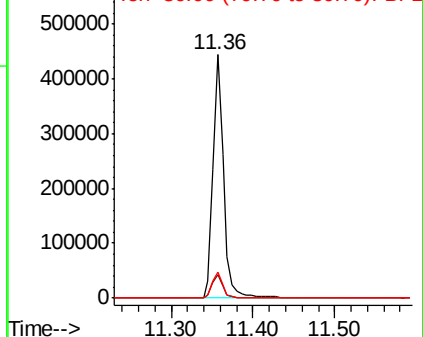
188 100

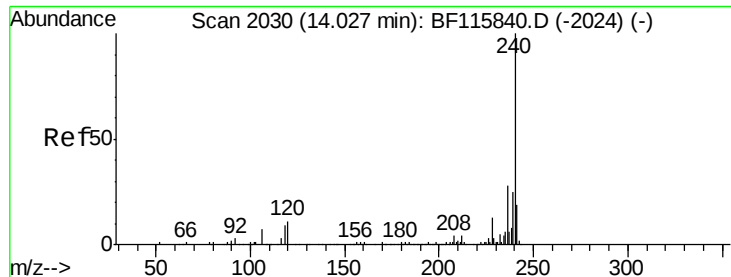
94 9.6 8.1 12.1

80 10.9 8.7 13.1



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

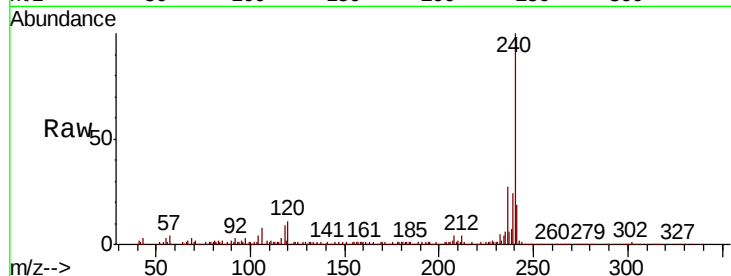




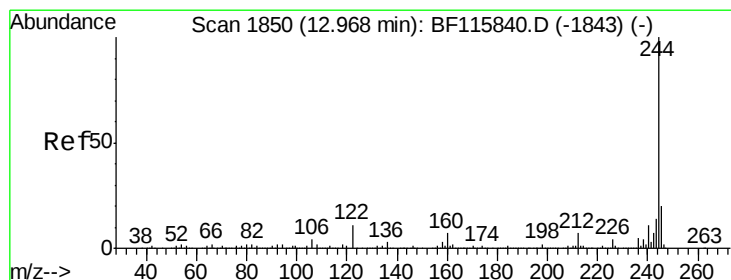
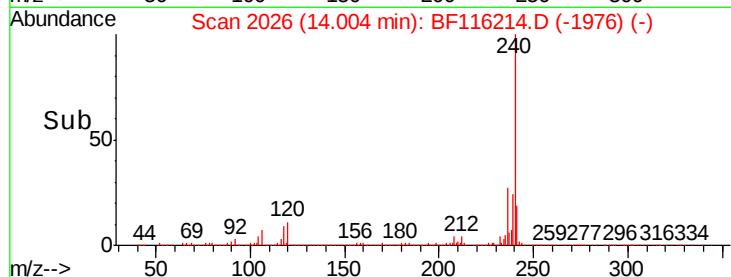
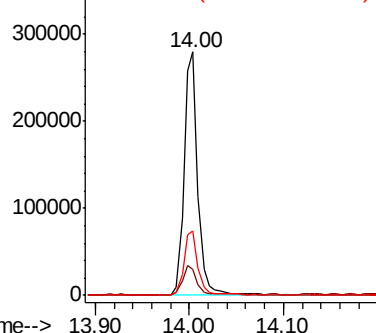
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF116214.D
Acq: 13 Aug 2019 2:50

Instrument :
BNA_F
ClientSampleId :
HR-05-080919-C

Tot Ion:240 Resp: 287324
Ion Ratio Lower Upper
240 100
120 10.9 10.7 16.1
236 26.7 22.2 33.2

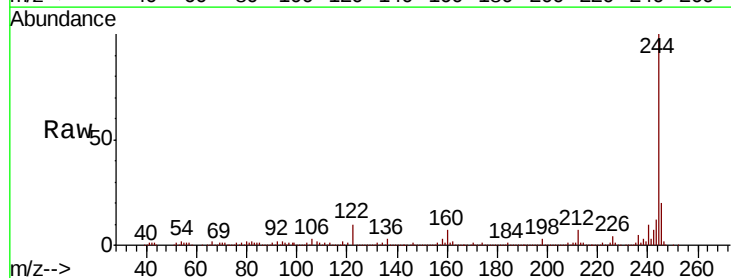


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

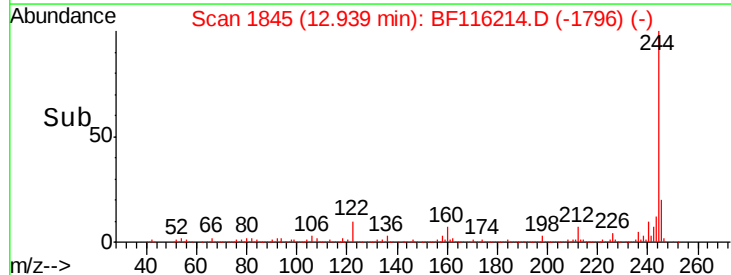
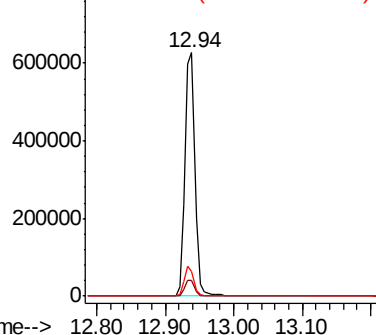


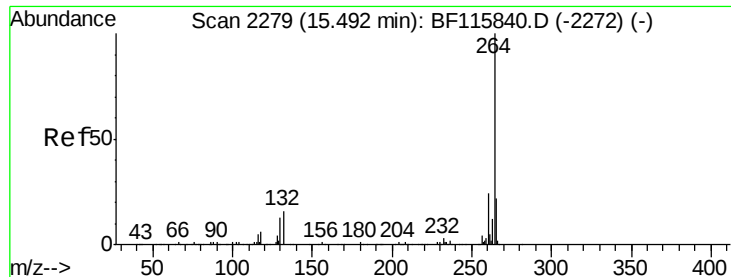
#79
Terphenyl-d14
Concen: 45.883 ng
RT: 12.94 min Scan# 1845
Delta R.T. -0.01 min
Lab File: BF116214.D
Acq: 13 Aug 2019 2:50

Tgt Ion:244 Resp: 625645
Ion Ratio Lower Upper
244 100
212 6.5 5.8 8.8
122 10.4 9.0 13.4



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

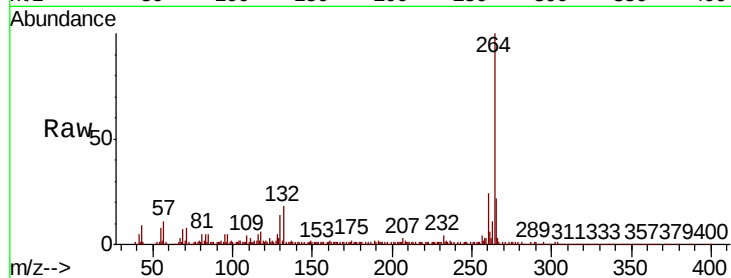




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2275
 Delta R.T. -0.01 min
 Lab File: BF116214.D
 Acq: 13 Aug 2019 2:50

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-080919-C

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.7	29.5
265	22.4	17.4	26.0



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

