

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051819\
 Data File : BF114400.D
 Acq On : 18 May 2019 19:16
 Operator : JU/SJ
 Sample : K2896-09
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-20

Quant Time: May 20 07:28:19 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 10 15:56:46 2019
 Response via : Initial Calibration

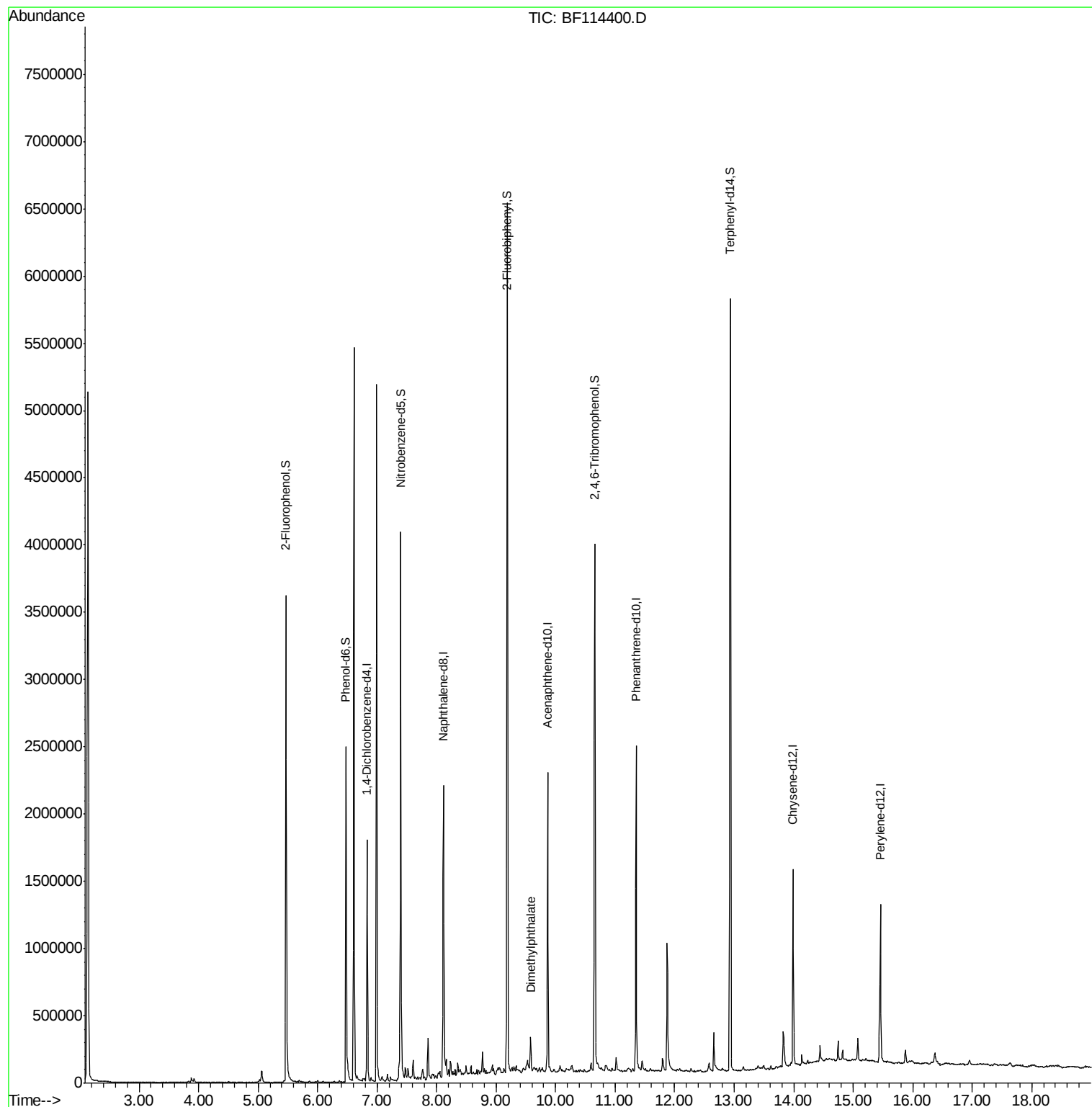
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	260696	20.00	ng	-0.02
21) Naphthalene-d8	8.12	136	973196	20.00	ng	-0.02
39) Acenaphthene-d10	9.87	164	455344	20.00	ng	-0.02
64) Phenanthrene-d10	11.35	188	874600	20.00	ng	-0.02
76) Chrysene-d12	13.99	240	497074	20.00	ng	-0.03
87) Perylene-d12	15.46	264	529092	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1043649	64.42	ng	-0.01
7) Phenol-d6	6.47	99	952825	49.73	ng	-0.02
23) Nitrobenzene-d5	7.40	82	1475592	85.09	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	531201	112.84	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	2370924	78.76	ng	-0.02
79) Terphenyl-d14	12.94	244	2266216	93.98	ng	-0.02
Target Compounds						
50) Dimethylphthalate	9.58	163	98453	2.945	ng	Qvalue 100

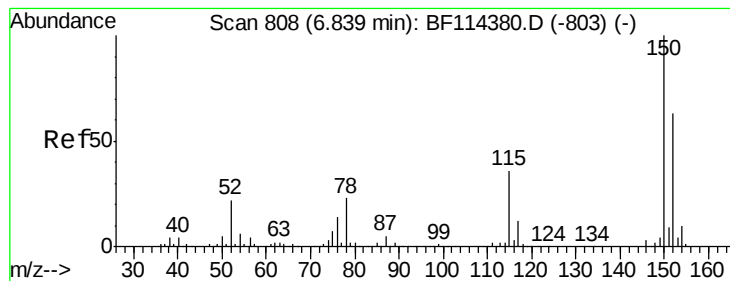
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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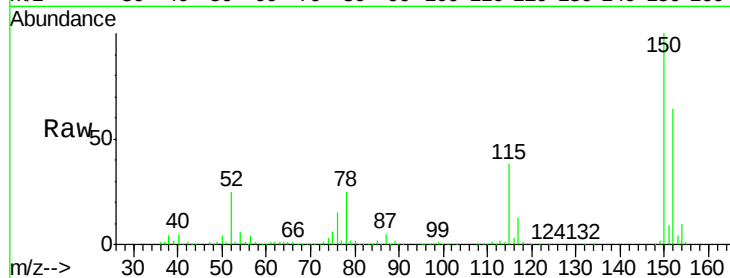


#1

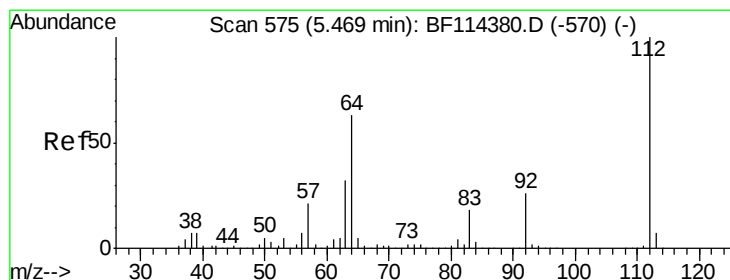
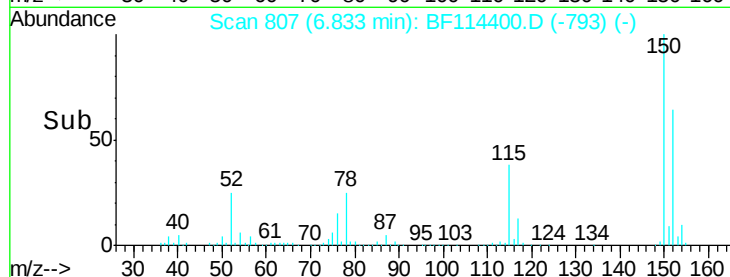
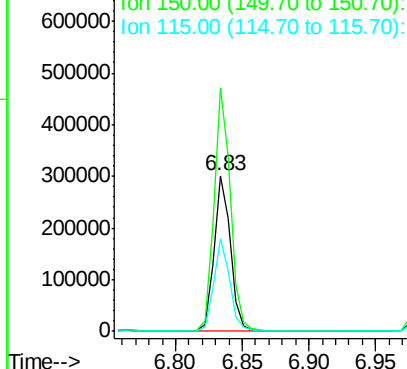
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.02 min
Lab File: BF114400.D
Acq: 18 May 2019 19:16

Instrument :
BNA_F
ClientSampleId :
TP-20

Tgt Ion:152 Resp: 260696
Ion Ratio Lower Upper
152 100
150 156.6 124.3 186.5
115 59.5 49.1 73.7



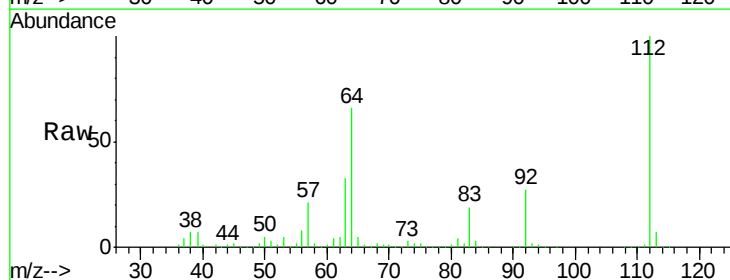
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



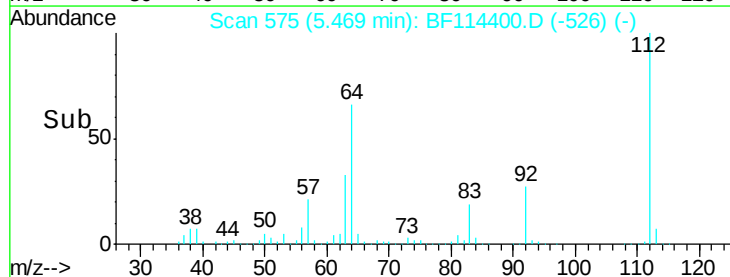
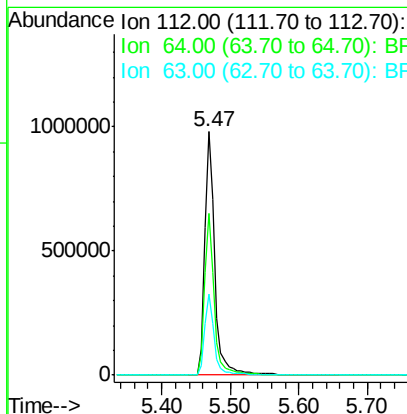
#5

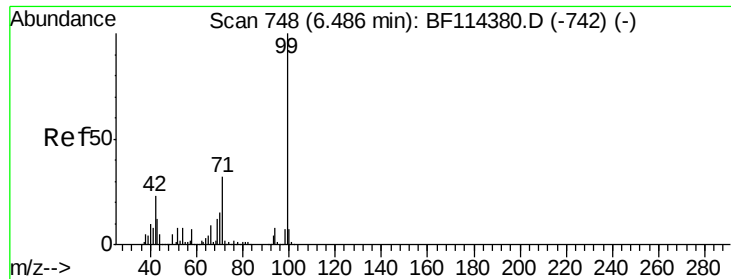
2-Fluorophenol
Concen: 64.424 ng
RT: 5.47 min Scan# 575
Delta R.T. -0.01 min
Lab File: BF114400.D
Acq: 18 May 2019 19:16

Tgt Ion:112 Resp: 1043649
Ion Ratio Lower Upper
112 100
64 66.2 49.0 73.6
63 33.3 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: 49.730 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.02 min

Lab File: BF114400.D

Acq: 18 May 2019 19:16

Instrument :

BNA_F

ClientSampled :

TP-20

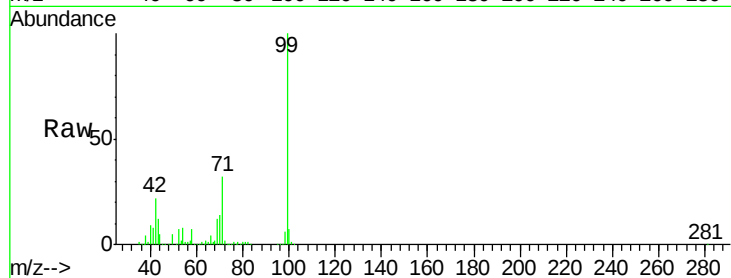
Tgt Ion: 99 Resp: 952825

Ion Ratio Lower Upper

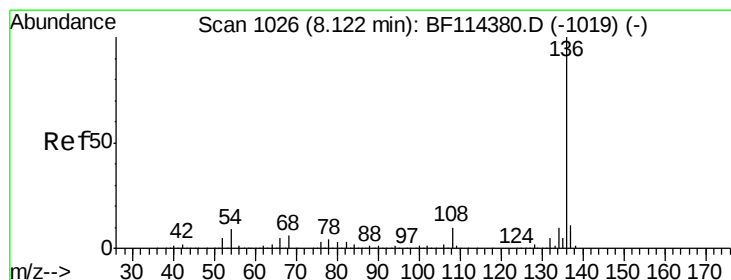
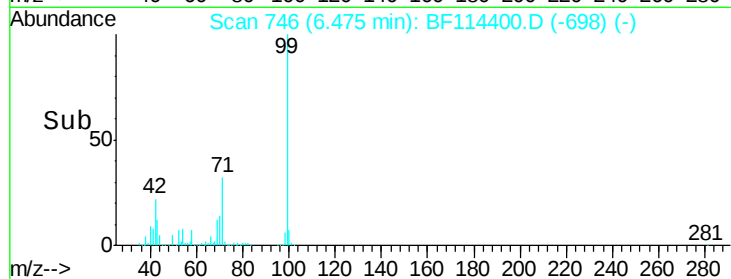
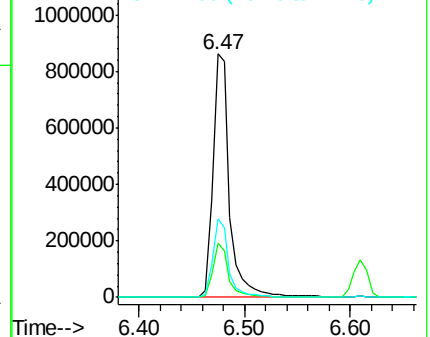
99 100

42 22.4 17.9 26.9

71 32.5 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: 8.12 min Scan# 1025

Delta R.T. -0.02 min

Lab File: BF114400.D

Acq: 18 May 2019 19:16

Tgt Ion: 136 Resp: 973196

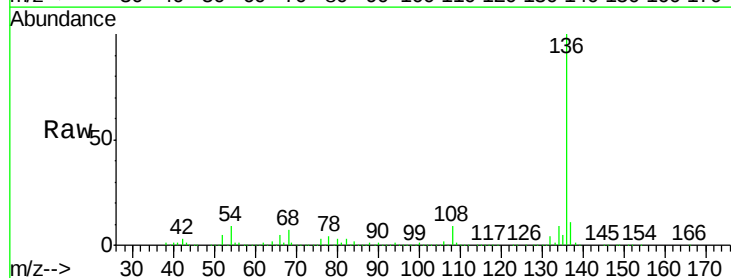
Ion Ratio Lower Upper

136 100

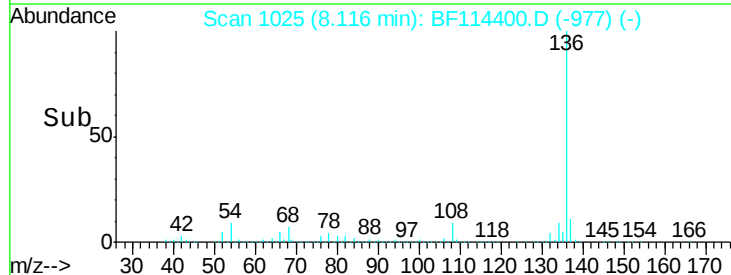
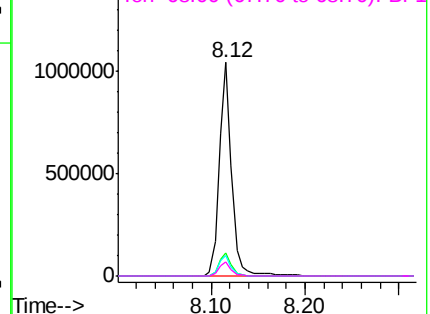
137 11.0 8.8 13.2

54 9.5 7.8 11.8

68 6.7 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

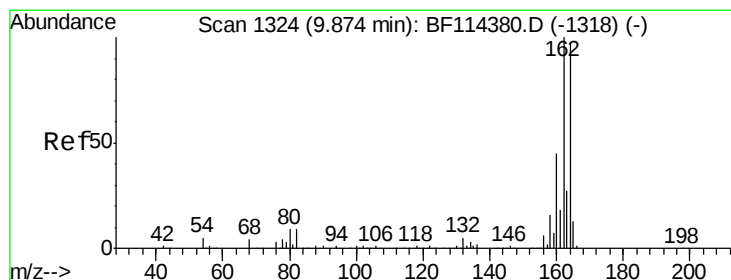
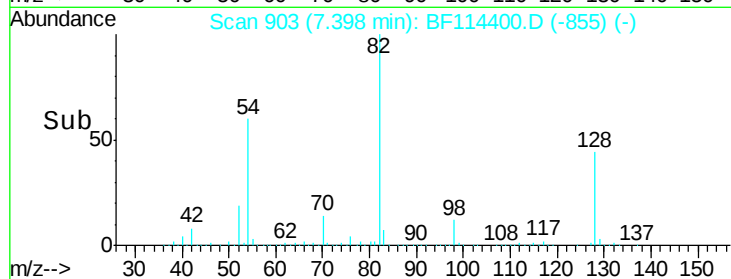
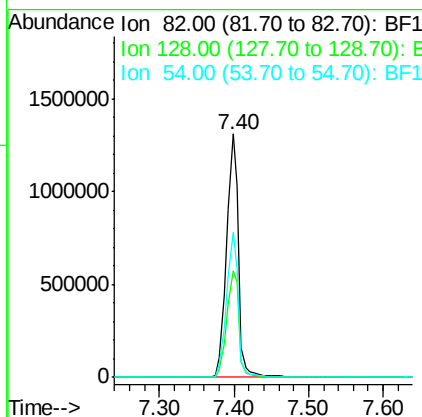
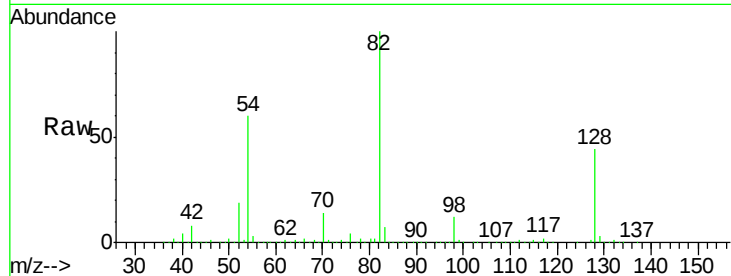




#23
 Nitrobenzene-d5
 Concen: 85.091 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.02 min
 Lab File: BF114400.D
 Acq: 18 May 2019 19:16

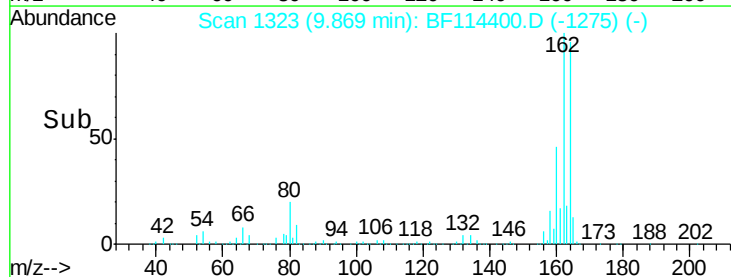
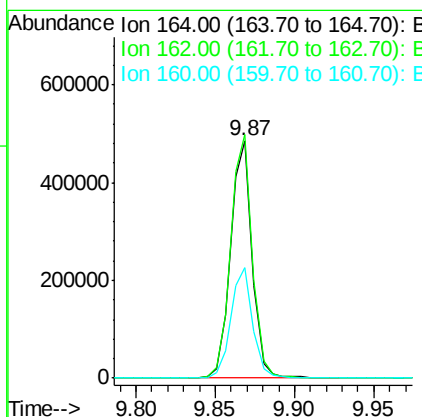
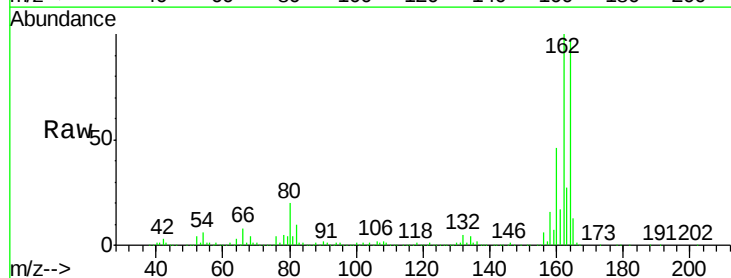
Instrument :
 BNA_F
 ClientSampleId :
 TP-20

Tgt Ion: 82 Resp: 1475592
 Ion Ratio Lower Upper
 82 100
 128 44.0 35.5 53.3
 54 59.6 48.5 72.7



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.02 min
 Lab File: BF114400.D
 Acq: 18 May 2019 19:16

Tgt Ion: 164 Resp: 455344
 Ion Ratio Lower Upper
 164 100
 162 102.6 80.6 120.8
 160 46.8 36.5 54.7

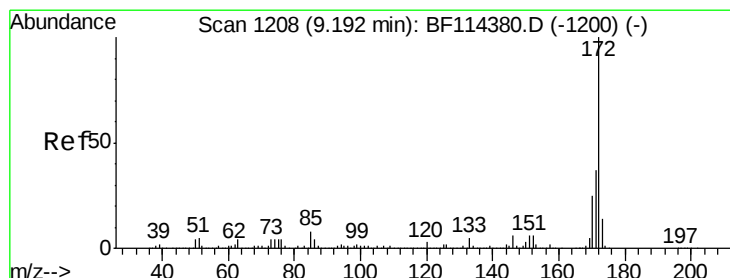
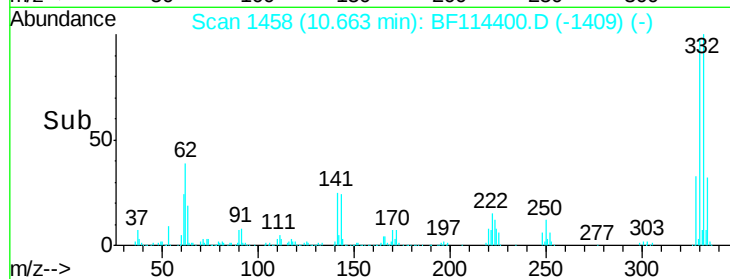
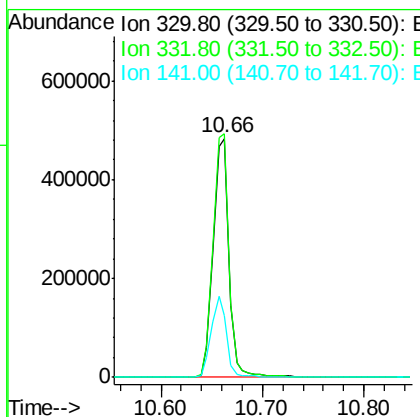
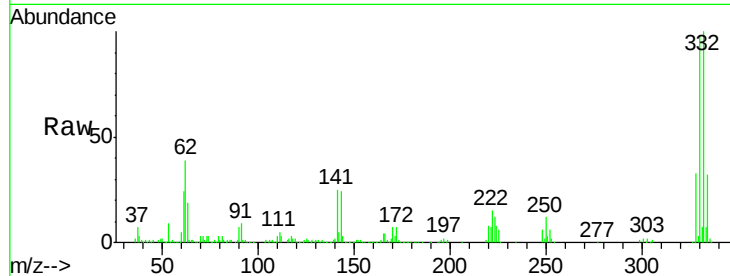




#42
 2,4,6-Tribromophenol
 Concen: 112.842 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.01 min
 Lab File: BF114400.D
 Acq: 18 May 2019 19:16

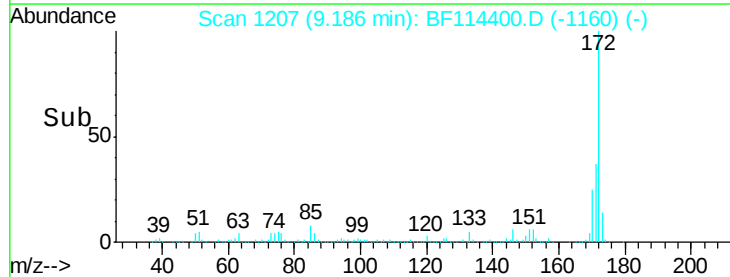
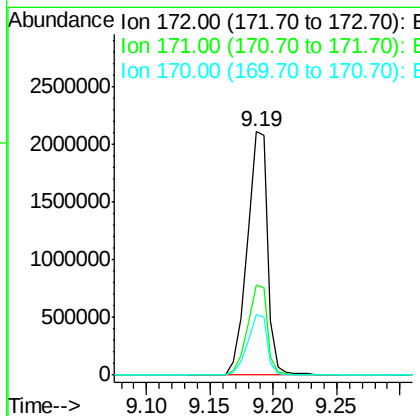
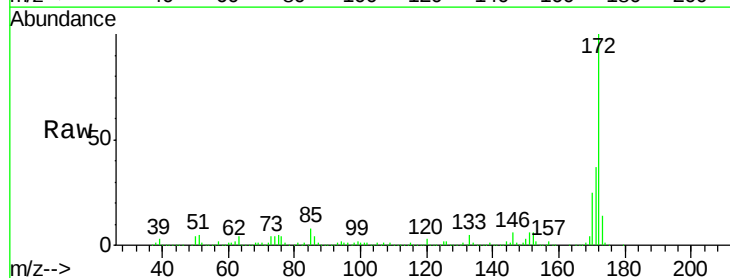
Instrument :
 BNA_F
 ClientSampleId :
 TP-20

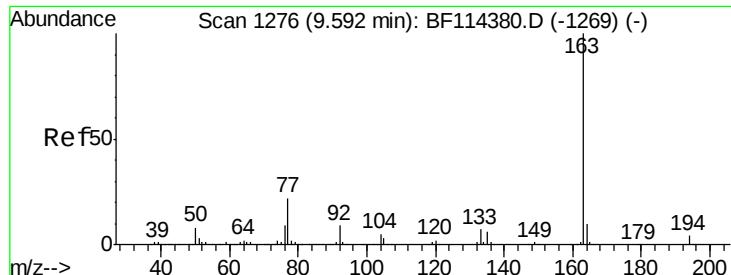
Tgt Ion	Ratio	Lower	Upper
330	100		
332	103.8	81.4	122.2
141	33.1	26.6	40.0



#45
 2-Fluorobiphenyl
 Concen: 78.763 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.02 min
 Lab File: BF114400.D
 Acq: 18 May 2019 19:16

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	30.7	46.1
170	24.6	20.5	30.7





#50

Dimethylphthalate

Concen: 2.945 ng

RT: 9.58 min Scan# 1274

Delta R.T. -0.03 min

Lab File: BF114400.D

Acq: 18 May 2019 19:16

Instrument :

BNA_F

ClientSampleId :

TP-20

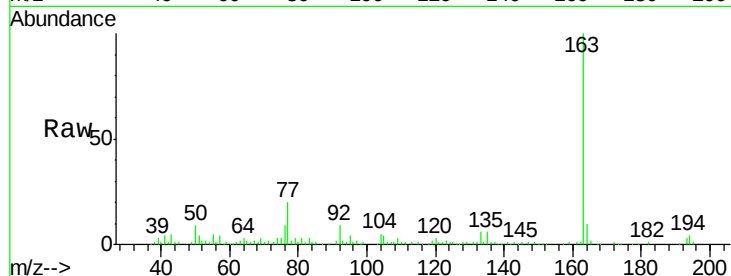
Tgt Ion:163 Resp: 98453

Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.0

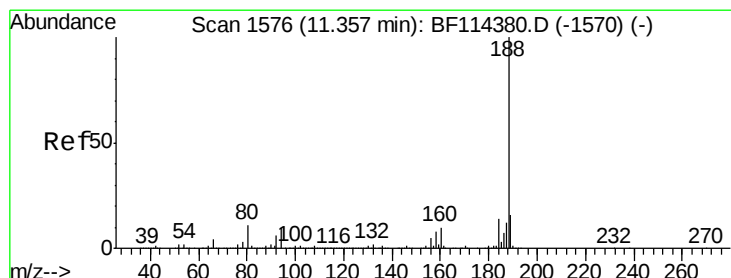
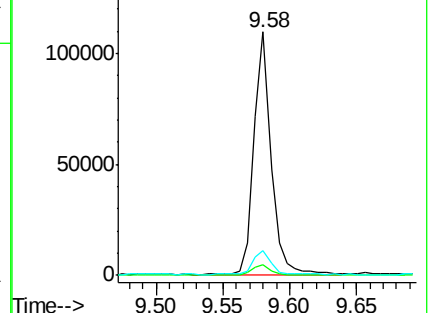
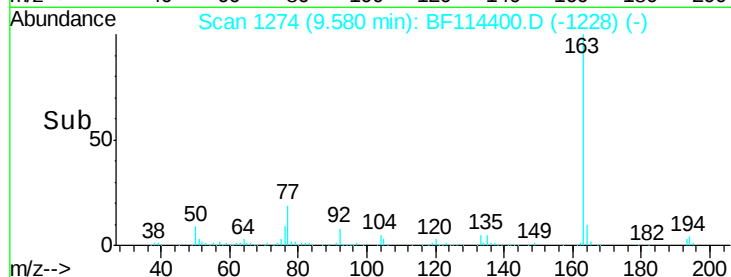
164 10.2 8.2 12.2



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. -0.02 min

Lab File: BF114400.D

Acq: 18 May 2019 19:16

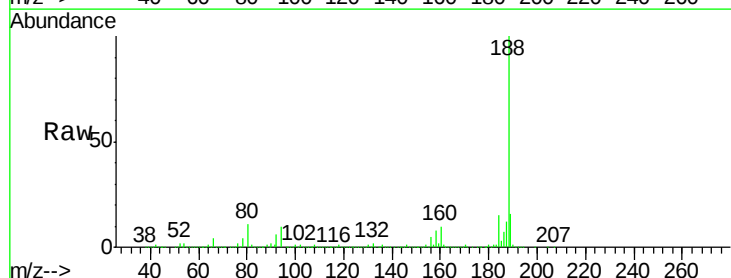
Tgt Ion:188 Resp: 874600

Ion Ratio Lower Upper

188 100

94 10.4 8.4 12.6

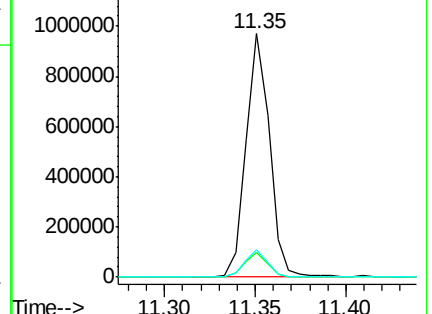
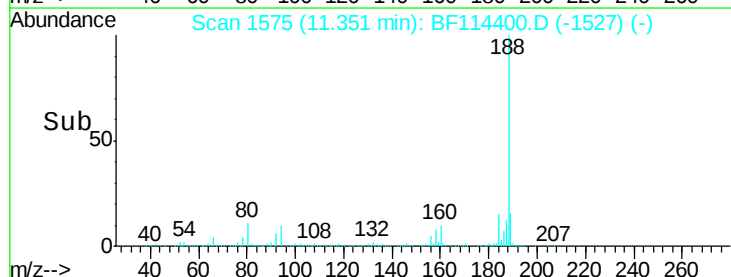
80 11.1 9.2 13.8

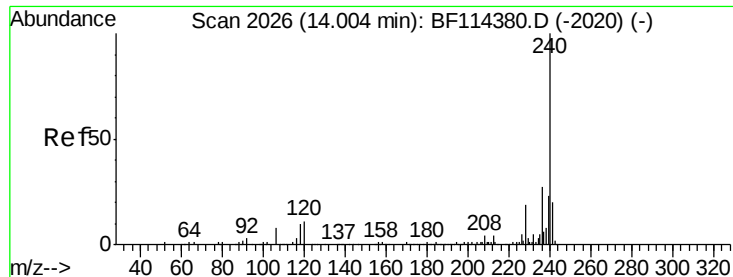


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.99 min Scan# 2024

Delta R.T. -0.03 min

Lab File: BF114400.D

Acq: 18 May 2019 19:16

Instrument :

BNA_F

ClientSampleId :

TP-20

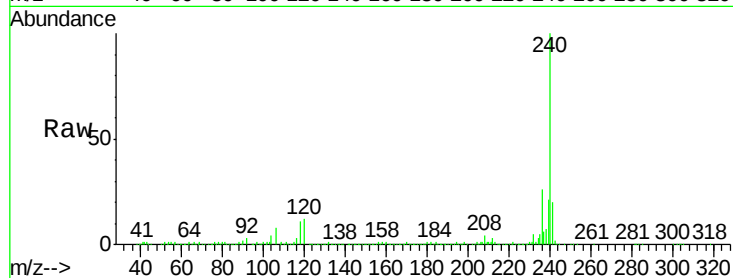
Tgt Ion:240 Resp: 497074

Ion Ratio Lower Upper

240 100

120 12.3 8.3 12.5

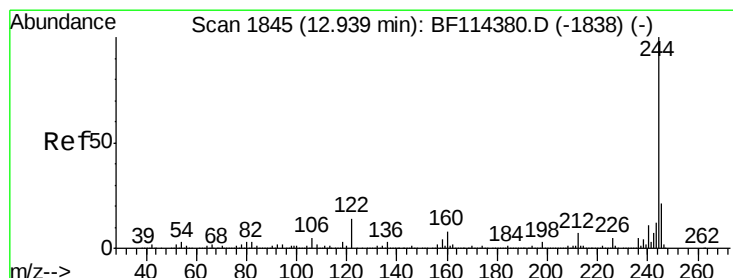
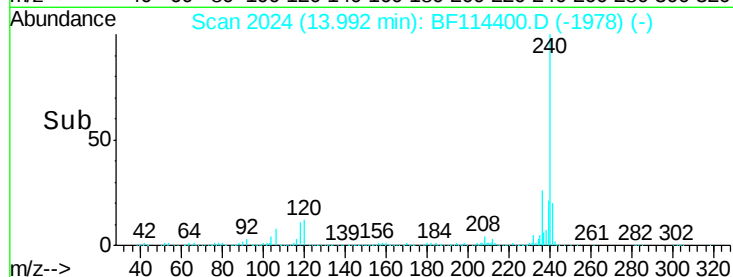
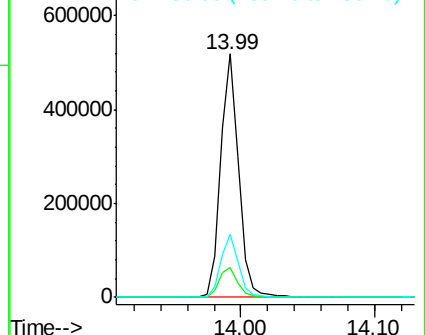
236 26.1 20.8 31.2



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: 93.983 ng

RT: 12.94 min Scan# 1845

Delta R.T. -0.02 min

Lab File: BF114400.D

Acq: 18 May 2019 19:16

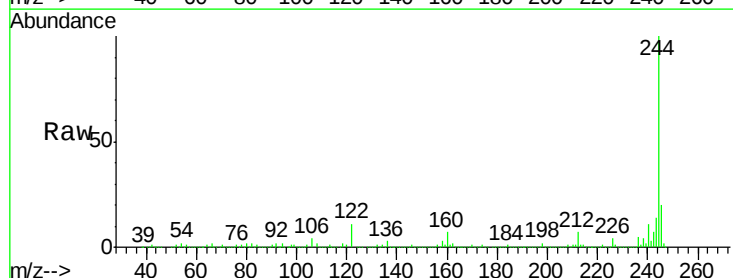
Tgt Ion:244 Resp: 2266216

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.6

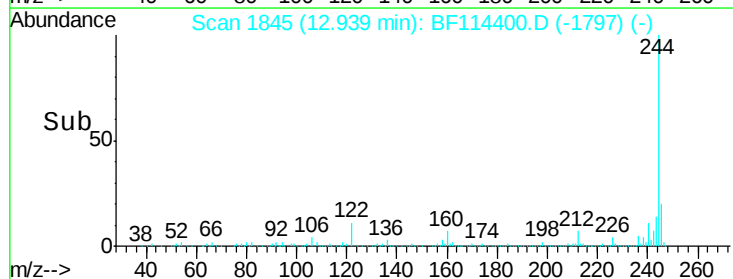
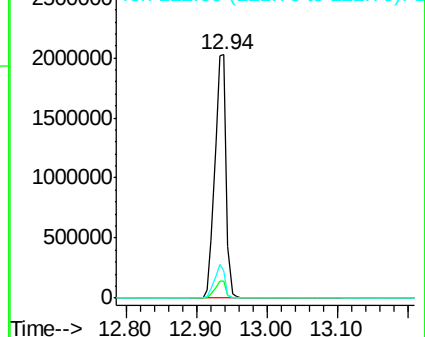
122 11.3 9.4 14.2

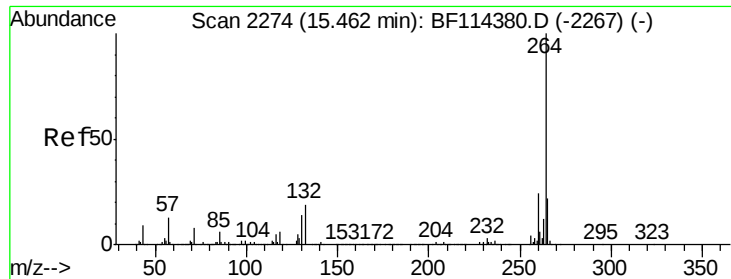


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2273
Delta R.T. -0.05 min
Lab File: BF114400.D
Acq: 18 May 2019 19:16

Instrument :
BNA_F
ClientSampleId :
TP-20

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.4	29.0
265	21.4	16.9	25.3

