

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032519\
 Data File : BF113284.D
 Acq On : 25 Mar 2019 17:32
 Operator : JU/SJ
 Sample : PB118232BL
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB118232BL

Quant Time: Mar 26 05:20:11 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF032519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 26 03:32:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	189620	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	739536	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	393897	20.00	ng	0.00
64) Phenanthrene-d10	11.21	188	826131	20.00	ng	0.00
76) Chrysene-d12	13.84	240	761013	20.00	ng	0.00
87) Perylene-d12	15.24	264	714805	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	1227254	105.83	ng	0.01
7) Phenol-d6	6.35	99	1535188	104.64	ng	0.00
23) Nitrobenzene-d5	7.26	82	971069	77.94	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	523917	107.68	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	1943983	75.35	ng	0.00
79) Terphenyl-d14	12.80	244	2136219	61.87	ng	0.00

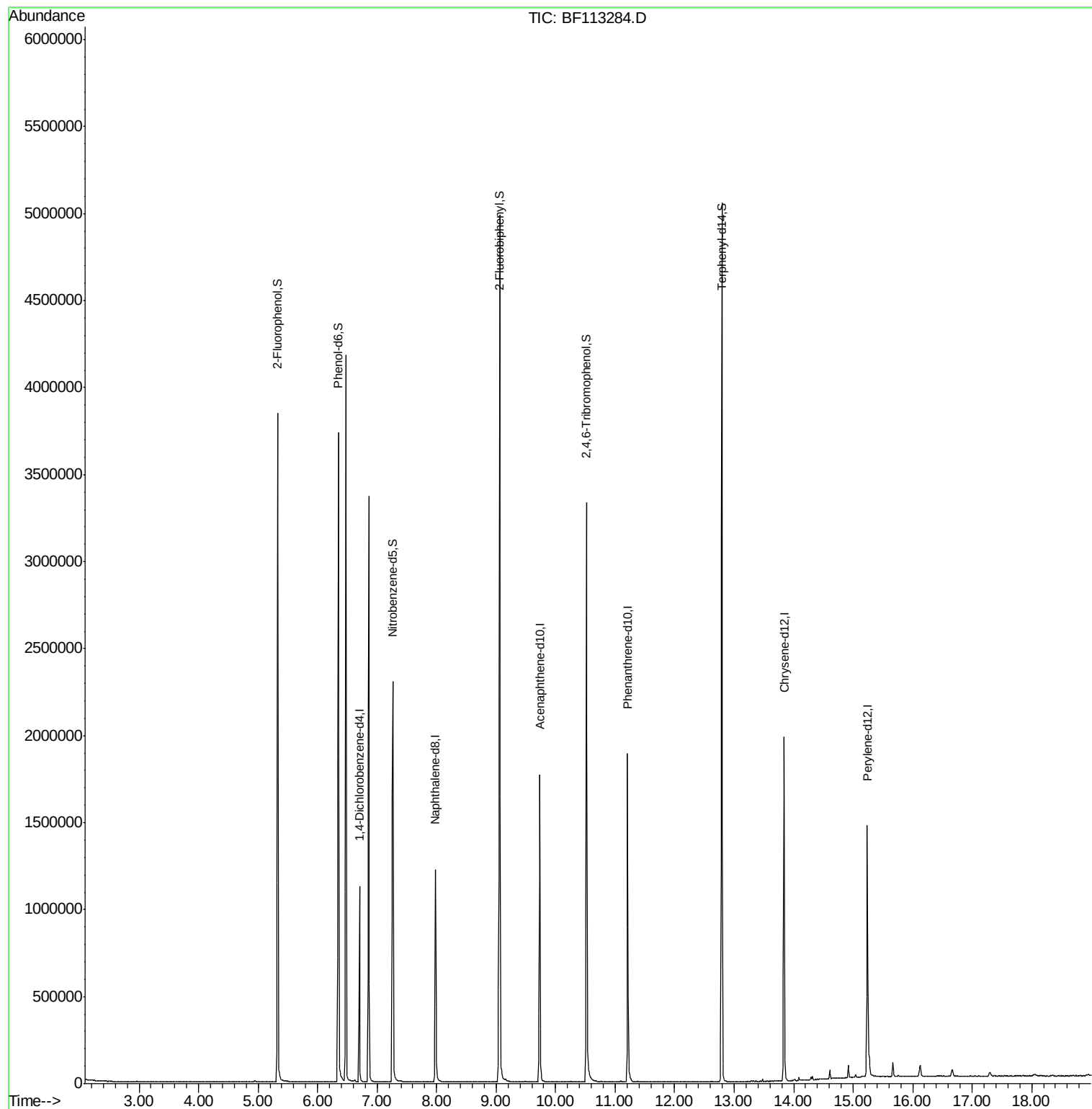
Target Compounds Qvalue

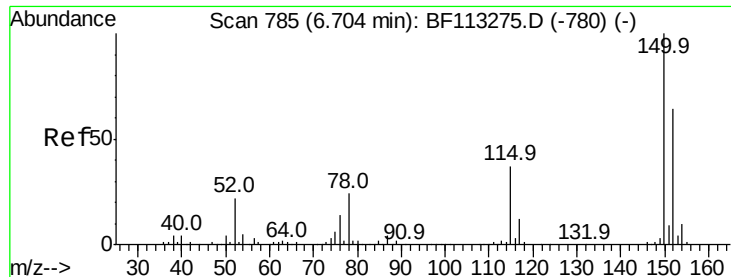
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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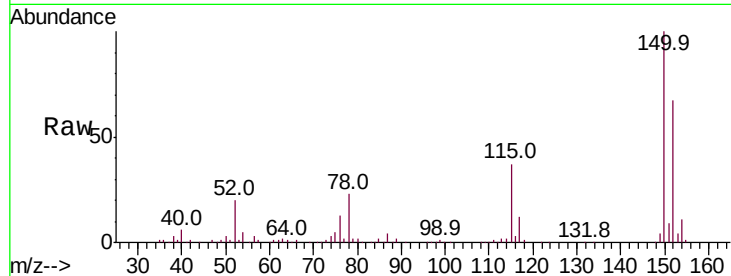


#1

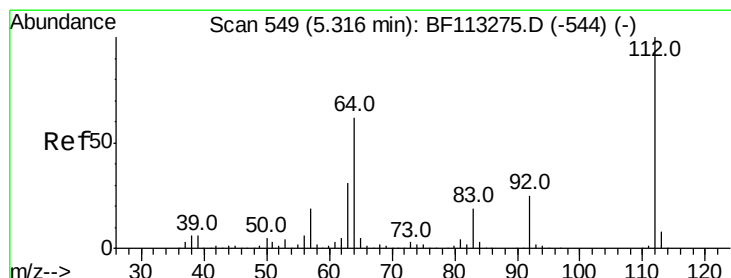
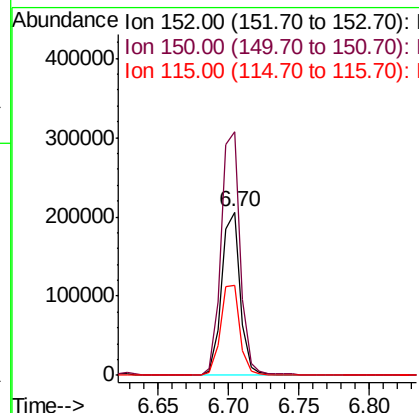
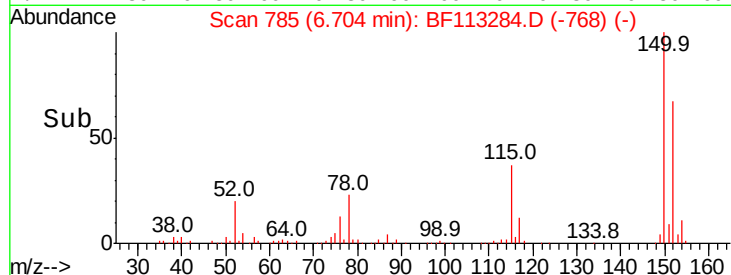
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.00 min
Lab File: BF113284.D
Acq: 25 Mar 2019 17:32

Instrument :
BNA_F
ClientSampleId :
PB118232BL

Tot Ion:152 Resp: 189620
Ion Ratio Lower Upper
152 100
150 149.1 124.7 187.1
115 55.1 46.0 69.0



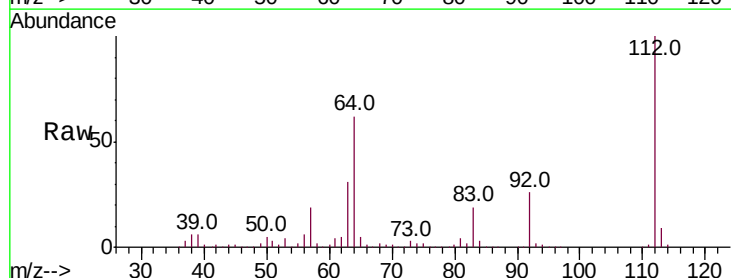
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



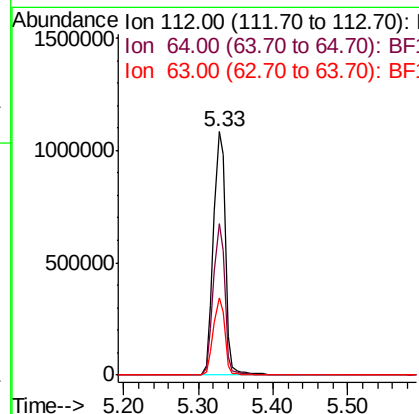
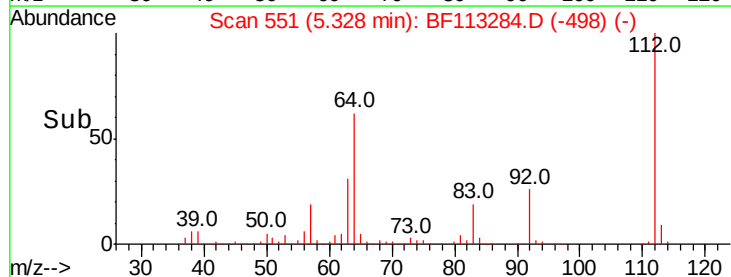
#5

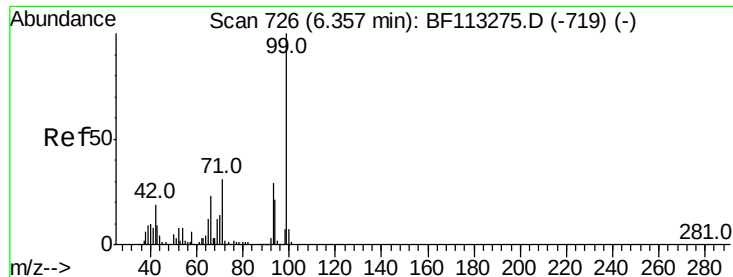
2-Fluorophenol
Concen: 105.828 ng
RT: 5.33 min Scan# 551
Delta R.T. 0.01 min
Lab File: BF113284.D
Acq: 25 Mar 2019 17:32

Tgt Ion:112 Resp: 1227254
Ion Ratio Lower Upper
112 100
64 62.1 49.2 73.8
63 31.5 24.9 37.3



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: 104.645 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF113284.D

Acq: 25 Mar 2019 17:32

Instrument :

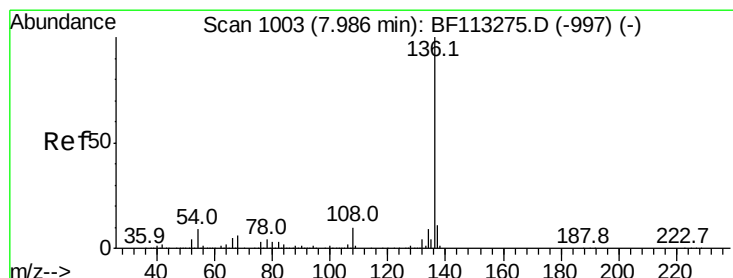
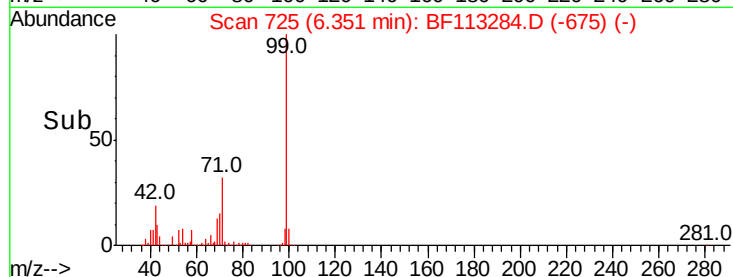
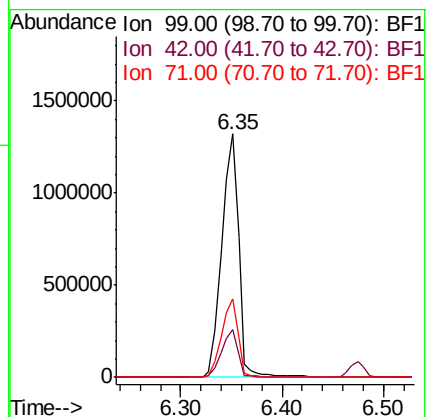
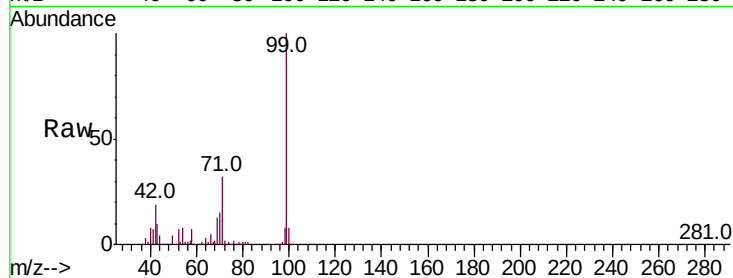
BNA_F

ClientSampleId :

PB118232BL

Tot Ion: 99 Resp: 1535188

Ion	Ratio	Lower	Upper
99	100		
42	19.5	14.8	22.2
71	32.4	24.9	37.3



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.99 min Scan# 1003

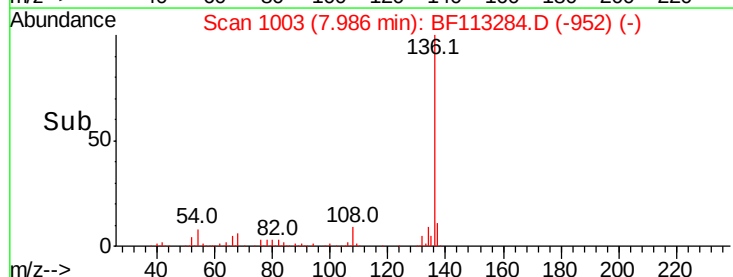
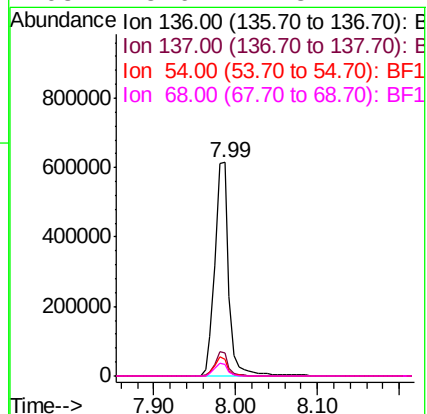
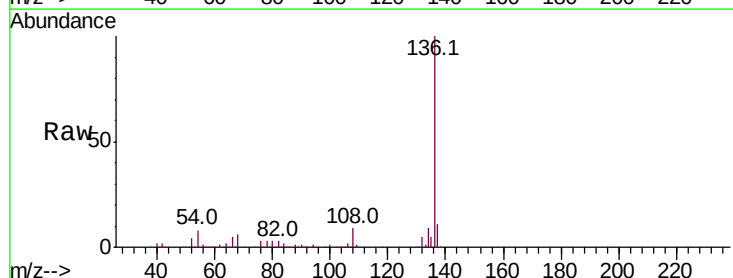
Delta R.T. -0.00 min

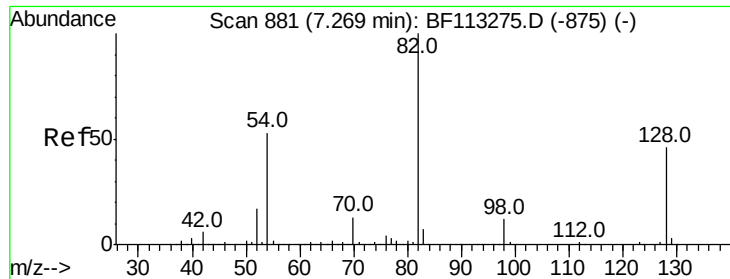
Lab File: BF113284.D

Acq: 25 Mar 2019 17:32

Tgt Ion: 136 Resp: 739536

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	7.6	7.0	10.6
68	5.6	4.8	7.2

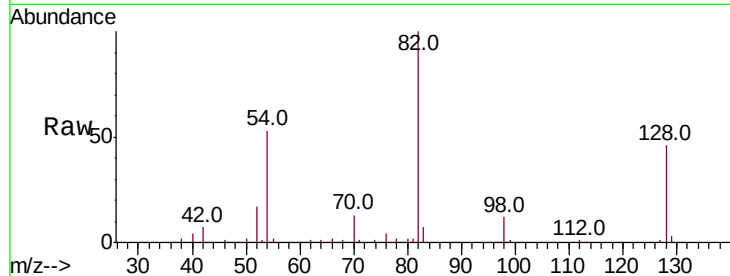




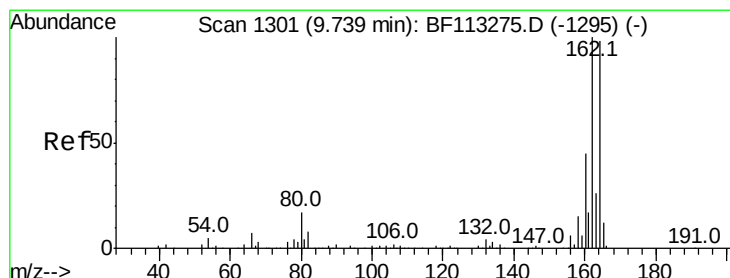
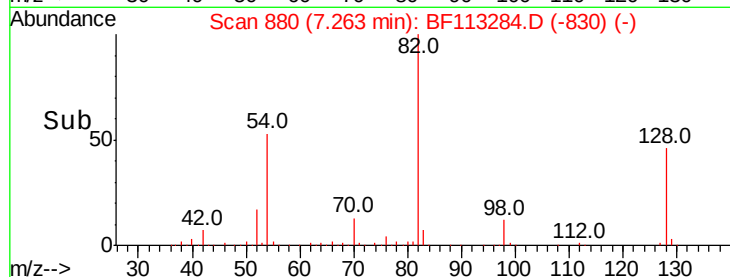
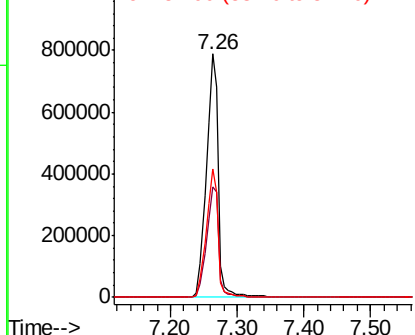
#23
 Nitrobenzene-d5
 Concen: 77.937 ng
 RT: 7.26 min Scan# 880
 Delta R.T. -0.01 min
 Lab File: BF113284.D
 Acq: 25 Mar 2019 17:32

Instrument :
 BNA_F
 ClientSampled :
 PB118232BL

Tot Ion: 82 Resp: 971069
 Ion Ratio Lower Upper
 82 100
 128 45.6 36.5 54.7
 54 52.9 42.2 63.2

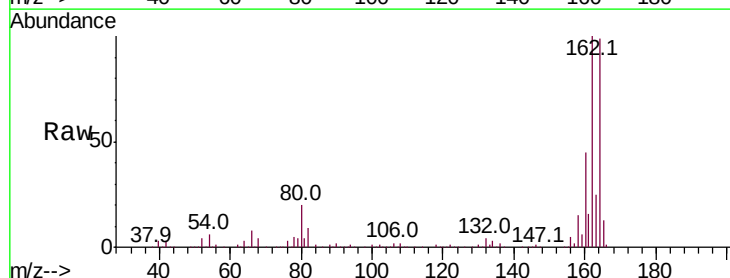


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

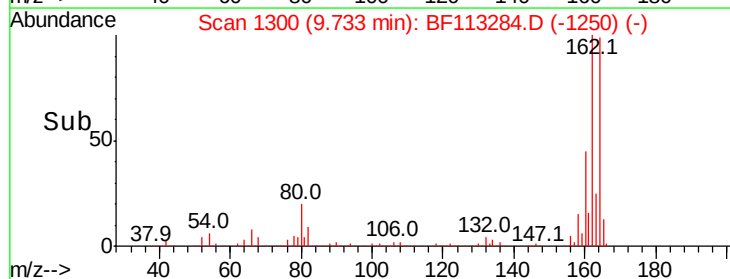
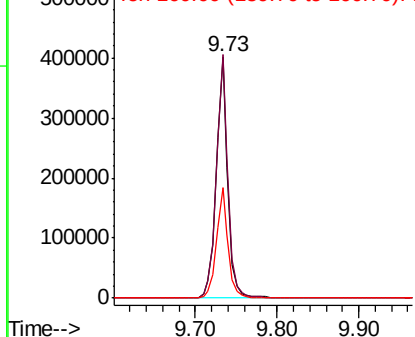


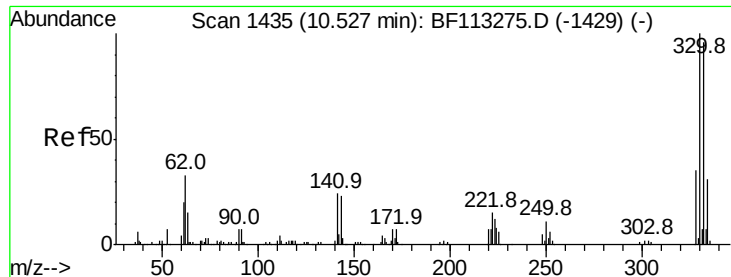
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.01 min
 Lab File: BF113284.D
 Acq: 25 Mar 2019 17:32

Tgt Ion:164 Resp: 393897
 Ion Ratio Lower Upper
 164 100
 162 100.8 81.8 122.6
 160 45.7 36.4 54.6



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 107.679 ng

RT: 10.52 min Scan# 1434

Delta R.T. -0.01 min

Lab File: BF113284.D

Acq: 25 Mar 2019 17:32

Instrument :

BNA_F

ClientSampleId :

PB118232BL

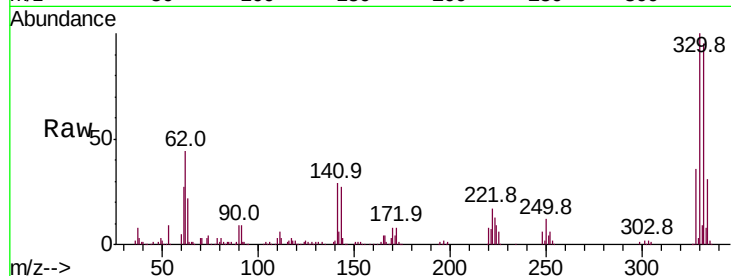
Tot Ion:330 Resp: 523917

Ion Ratio Lower Upper

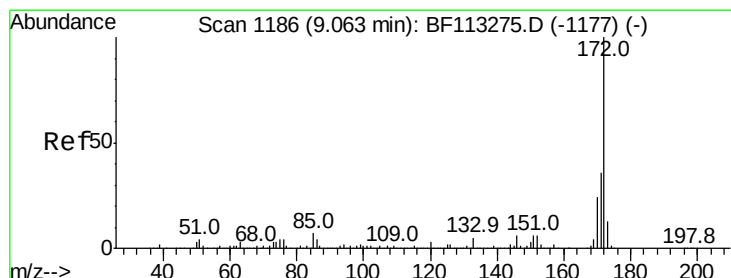
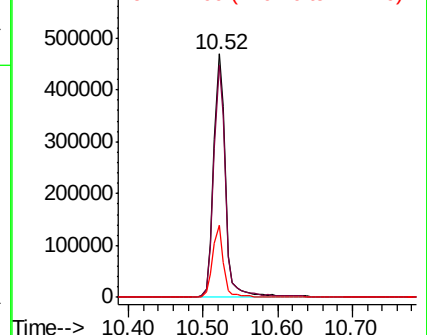
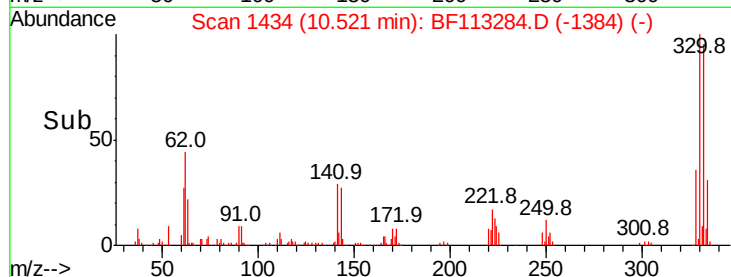
330 100

332 95.2 77.8 116.6

141 28.0 22.7 34.1



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: 75.351 ng

RT: 9.06 min Scan# 1186

Delta R.T. 0.00 min

Lab File: BF113284.D

Acq: 25 Mar 2019 17:32

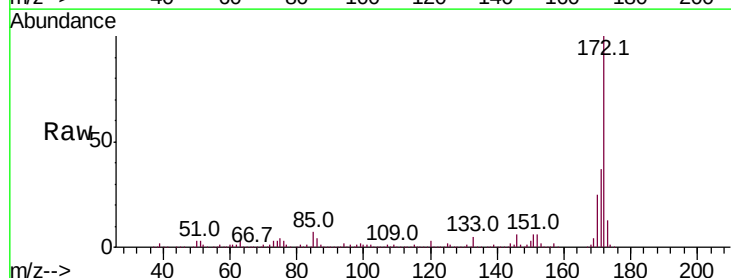
Tgt Ion:172 Resp: 1943983

Ion Ratio Lower Upper

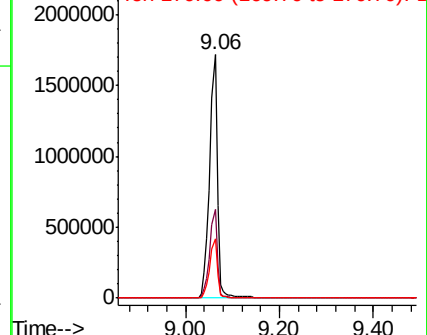
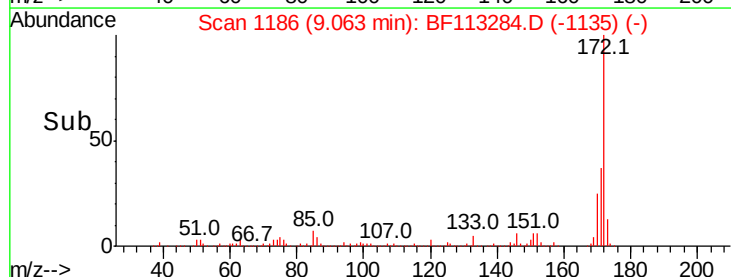
172 100

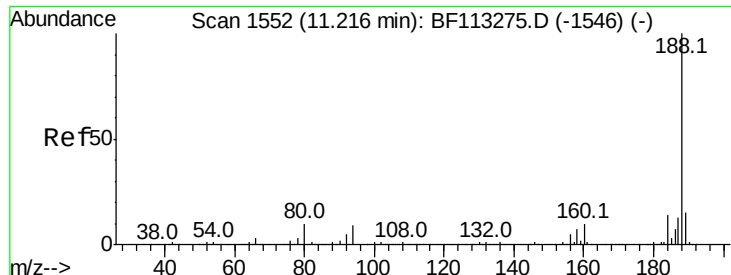
171 36.5 29.0 43.6

170 24.6 19.5 29.3



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

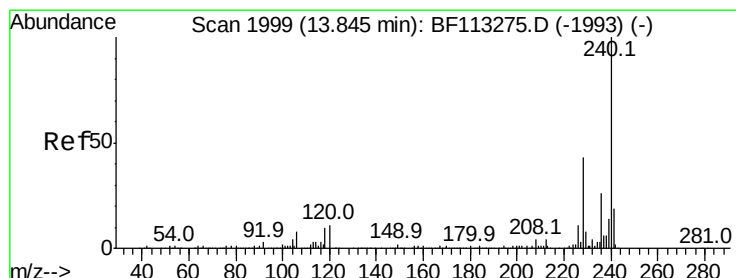
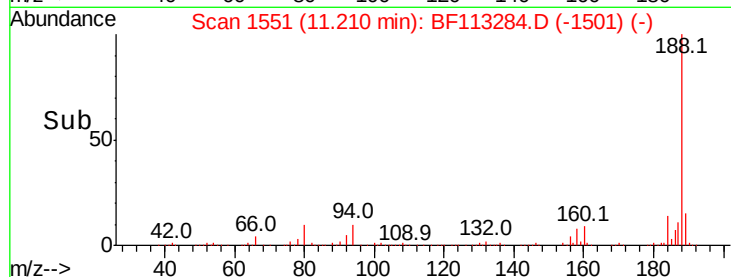
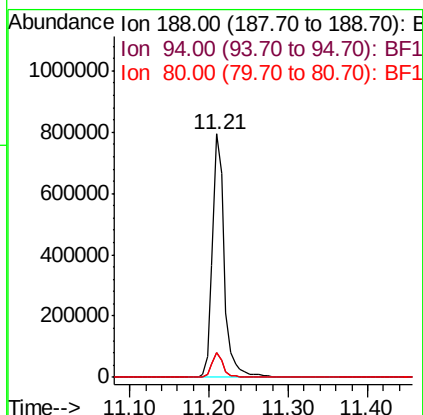
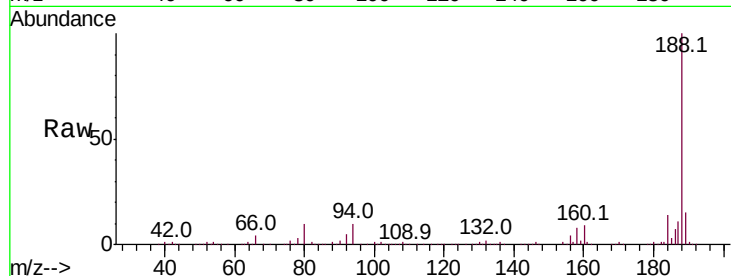




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. -0.01 min
 Lab File: BF113284.D
 Acq: 25 Mar 2019 17:32

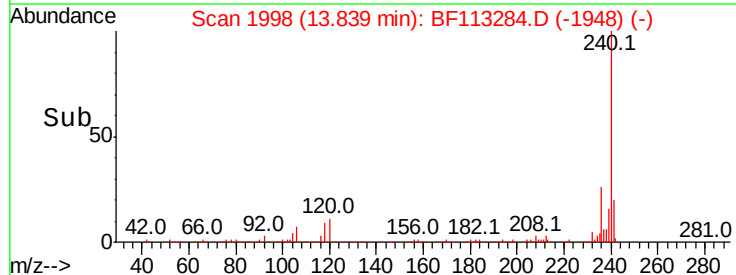
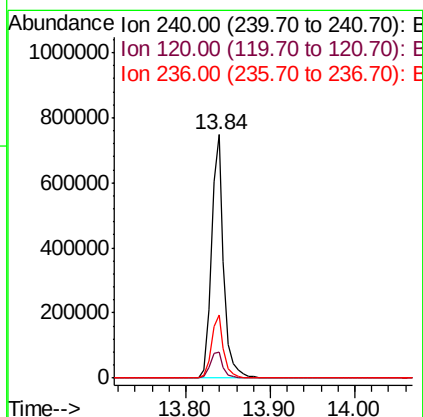
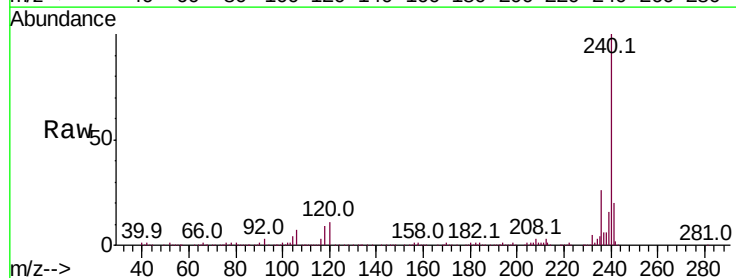
Instrument :
 BNA_F
 ClientSampleID :
 PB118232BL

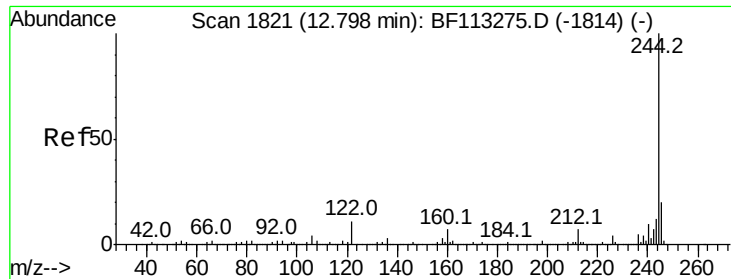
Tot Ion	Ratio	Lower	Upper
188	100		
94	9.9	7.0	10.6
80	10.4	7.7	11.5



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.84 min Scan# 1998
 Delta R.T. -0.01 min
 Lab File: BF113284.D
 Acq: 25 Mar 2019 17:32

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.8	8.8	13.2
236	26.0	20.9	31.3





#79

Terphenyl-d14

Concen: 61.873 ng

RT: 12.80 min Scan# 1821

Delta R.T. 0.00 min

Lab File: BF113284.D

Acq: 25 Mar 2019 17:32

Instrument :

BNA_F

ClientSampleId :

PB118232BL

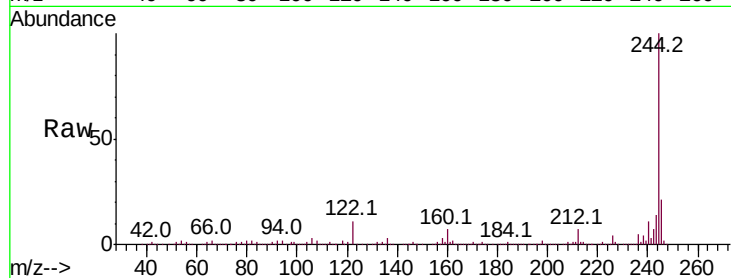
Tot Ion:244 Resp: 2136219

Ion Ratio Lower Upper

244 100

212 6.9 5.5 8.3

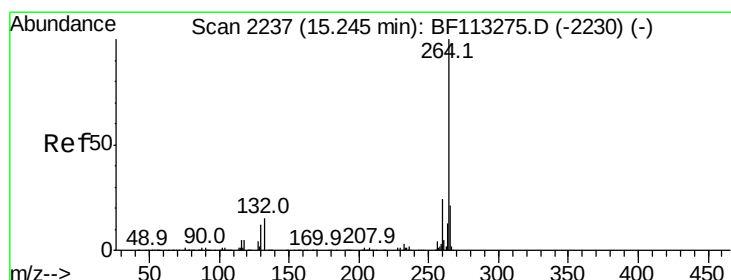
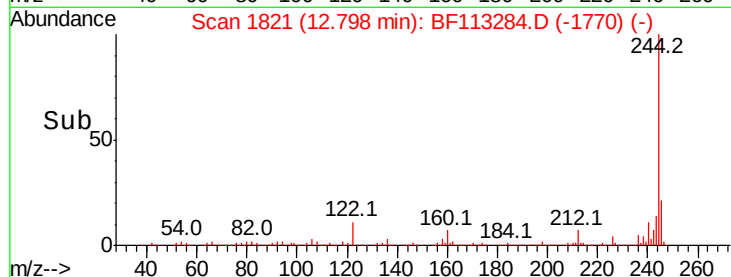
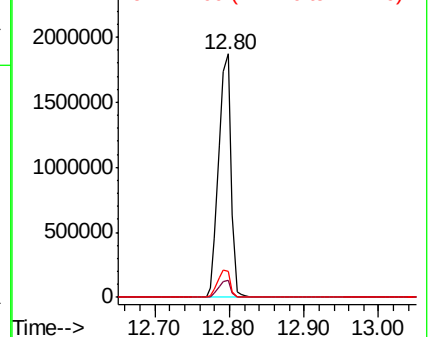
122 10.6 8.6 13.0



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: 15.24 min Scan# 2236

Delta R.T. -0.01 min

Lab File: BF113284.D

Acq: 25 Mar 2019 17:32

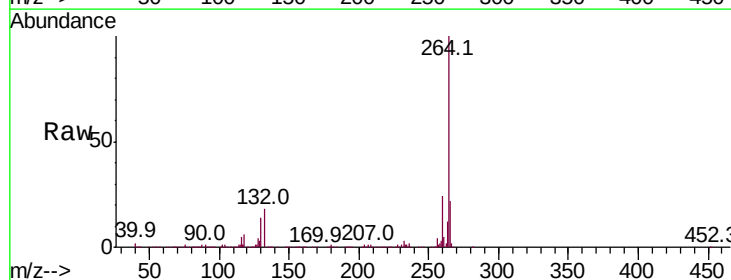
Tgt Ion:264 Resp: 714805

Ion Ratio Lower Upper

264 100

260 23.9 19.1 28.7

265 21.7 17.1 25.7



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

