

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032719\
 Data File : BF113366.D
 Acq On : 28 Mar 2019 9:42
 Operator : JU/SJ
 Sample : PB118325TB
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB118325TB

Quant Time: Mar 29 05:12:56 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	173921	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	649813	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	296162	20.00	ng	0.00
64) Phenanthrene-d10	11.21	188	534952	20.00	ng	0.00
76) Chrysene-d12	13.84	240	425584	20.00	ng	0.00
87) Perylene-d12	15.24	264	322516	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	880484	82.78	ng	0.00
7) Phenol-d6	6.35	99	1223836	90.95	ng	-0.01
23) Nitrobenzene-d5	7.26	82	720830	65.84	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	62248	17.02	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	1438430	73.80	ng	0.00
79) Terphenyl-d14	12.79	244	1308504	67.77	ng	-0.01

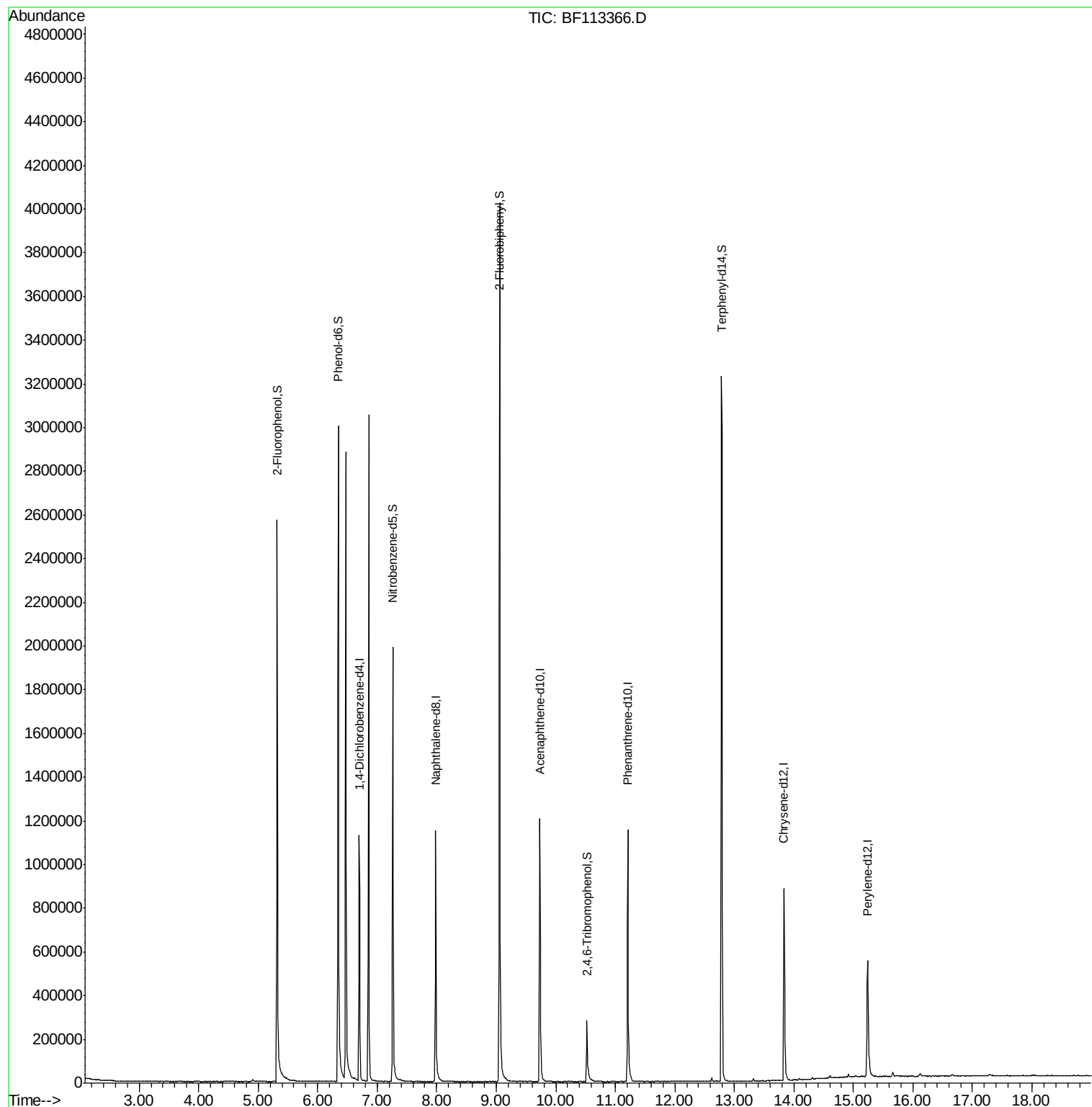
Target Compounds Qvalue

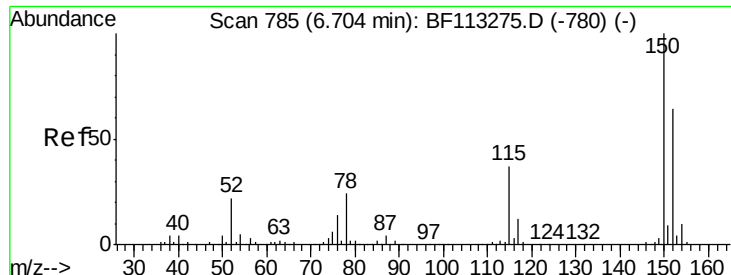
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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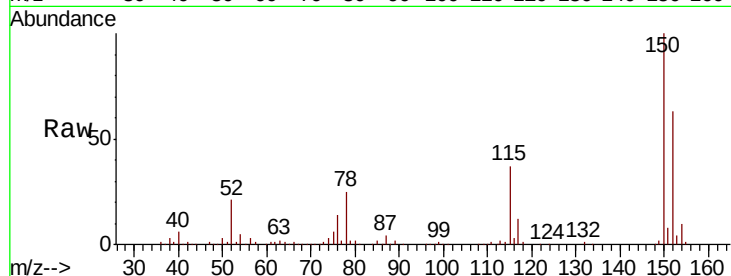


#1

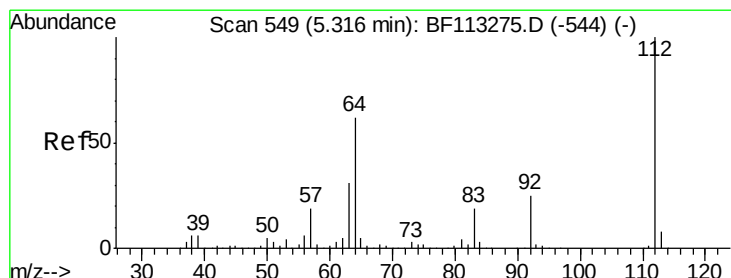
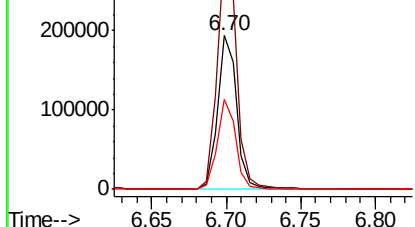
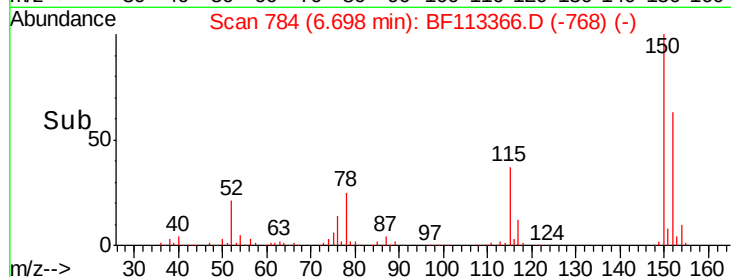
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF113366.D
Acq: 28 Mar 2019 9:42

Instrument :
BNA_F
ClientSampleId :
PB118325TB

Tot Ion:152 Resp: 173921
Ion Ratio Lower Upper
152 100
150 158.6 124.7 187.1
115 59.0 46.0 69.0



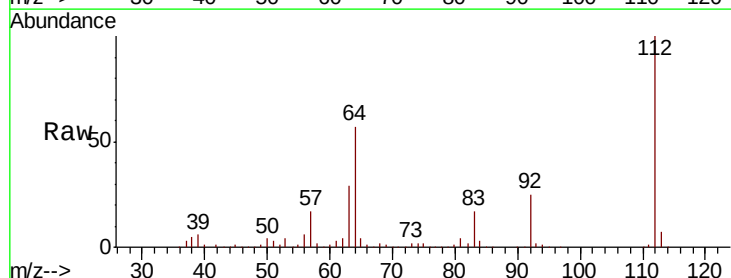
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



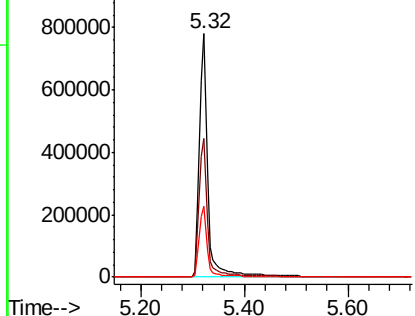
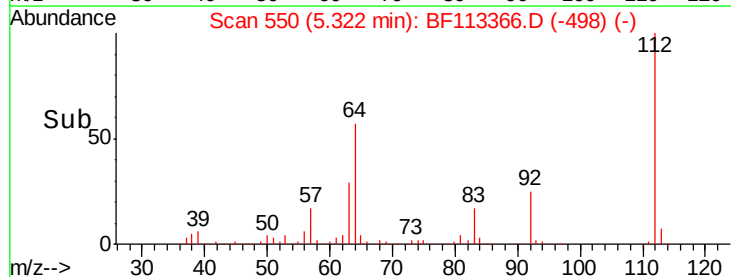
#5

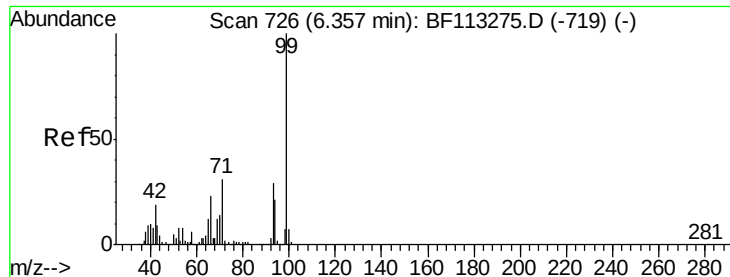
2-Fluorophenol
Concen: 82.779 ng
RT: 5.32 min Scan# 550
Delta R.T. 0.01 min
Lab File: BF113366.D
Acq: 28 Mar 2019 9:42

Tgt Ion:112 Resp: 880484
Ion Ratio Lower Upper
112 100
64 57.0 49.2 73.8
63 28.8 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: 90.952 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF113366.D

Acq: 28 Mar 2019 9:42

Instrument :

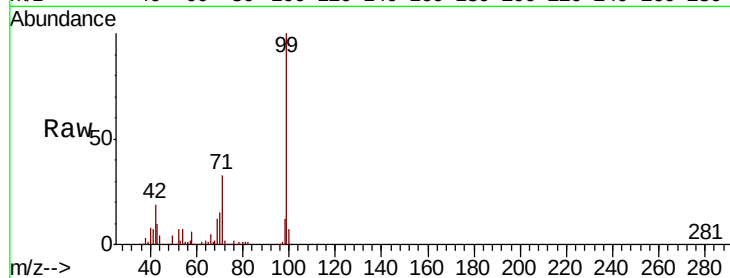
BNA_F

ClientSampled :

PB118325TB

Tot Ion: 99 Resp: 1223836

Ion	Ratio	Lower	Upper
99	100		
42	18.9	14.8	22.2
71	32.5	24.9	37.3

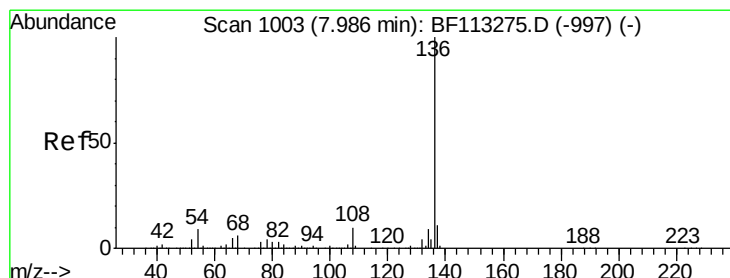
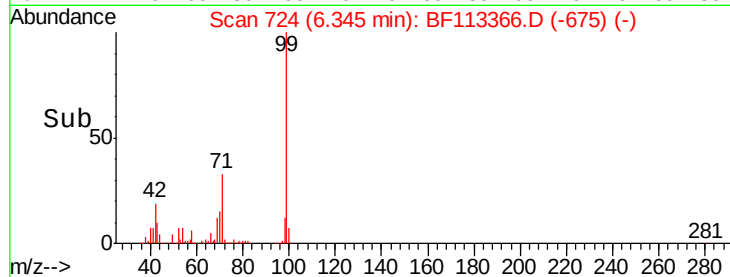


Abundance

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: 7.98 min Scan# 1002

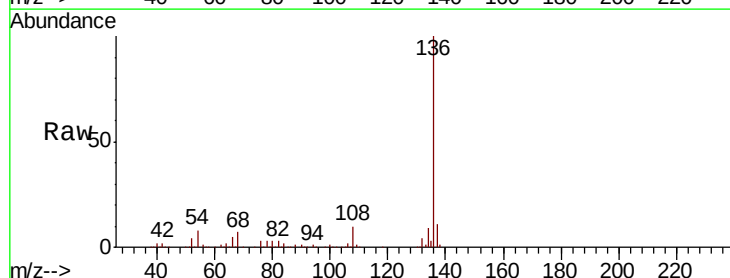
Delta R.T. -0.01 min

Lab File: BF113366.D

Acq: 28 Mar 2019 9:42

Tgt Ion: 136 Resp: 649813

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	8.4	7.0	10.6
68	6.5	4.8	7.2



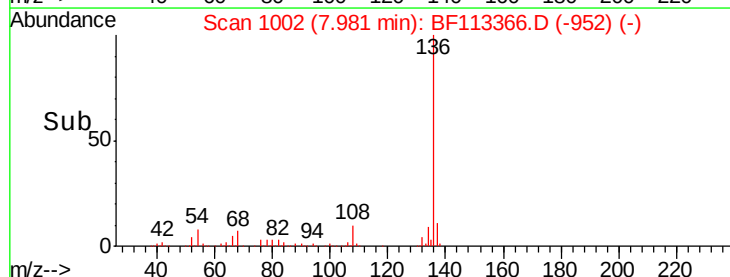
Abundance

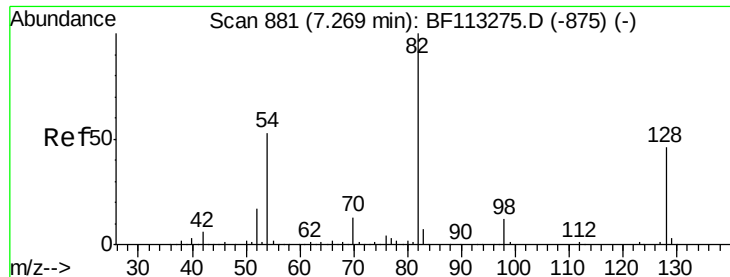
Ion 136.00 (135.70 to 136.70): E

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

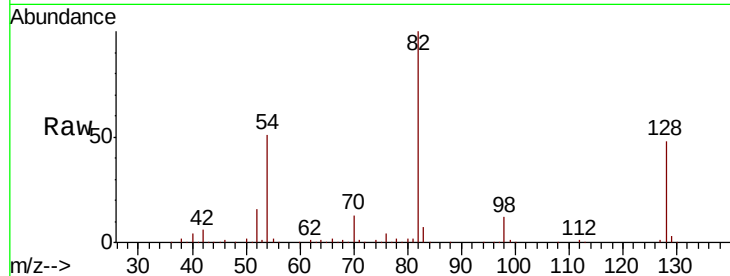




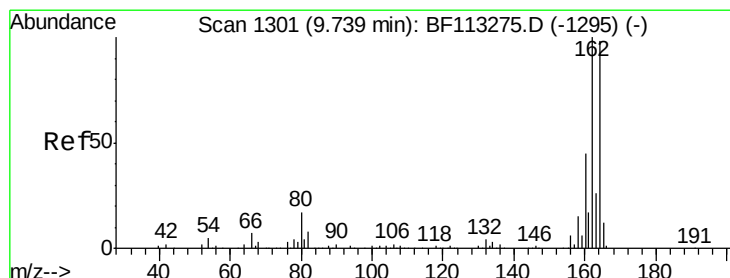
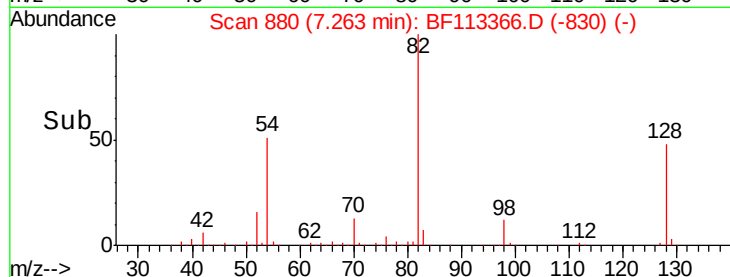
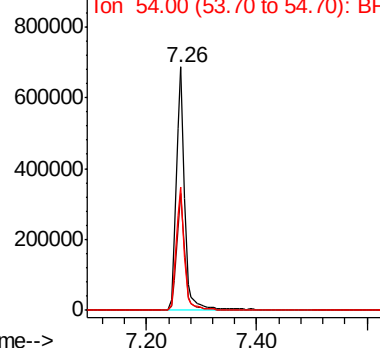
#23
Nitrobenzene-d5
Concen: 65.841 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.00 min
Lab File: BF113366.D
Acq: 28 Mar 2019 9:42

Instrument :
BNA_F
ClientSampled :
PB118325TB

Tot Ion: 82 Resp: 720830
Ion Ratio Lower Upper
82 100
128 48.0 36.5 54.7
54 50.6 42.2 63.2

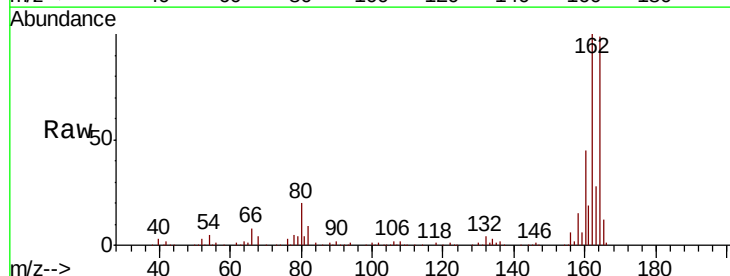


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

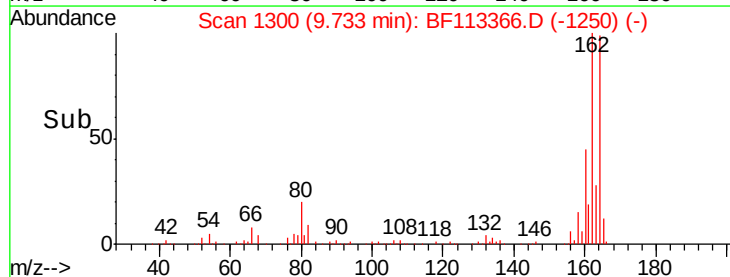
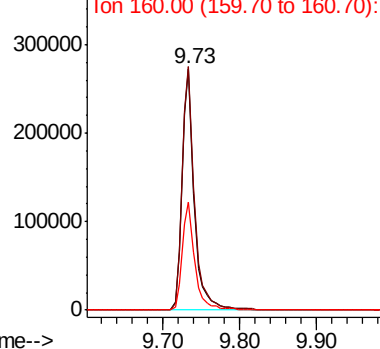


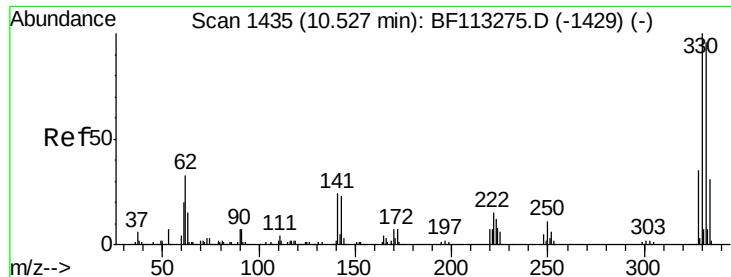
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF113366.D
Acq: 28 Mar 2019 9:42

Tgt Ion: 164 Resp: 296162
Ion Ratio Lower Upper
164 100
162 101.0 81.8 122.6
160 45.0 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: 17.016 ng

RT: 10.52 min Scan# 1434

Delta R.T. -0.01 min

Lab File: BF113366.D

Acq: 28 Mar 2019 9:42

Instrument :

BNA_F

ClientSampleId :

PB118325TB

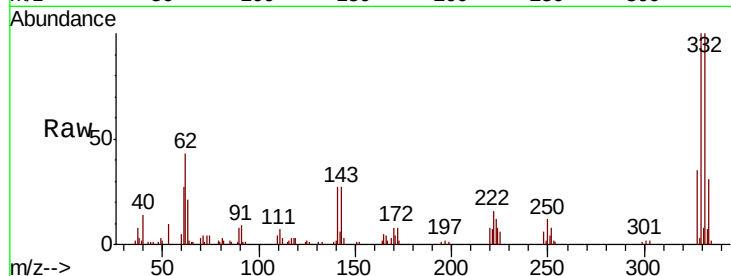
Tot Ion:330 Resp: 62248

Ion Ratio Lower Upper

330 100

332 100.7 77.8 116.6

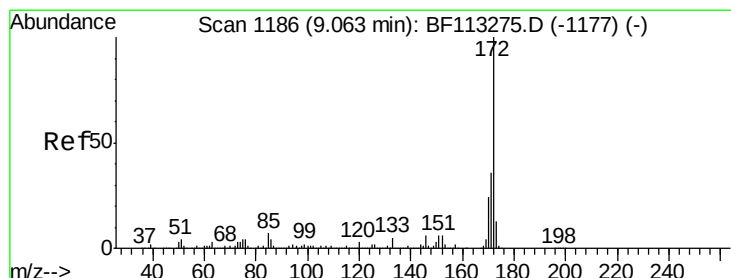
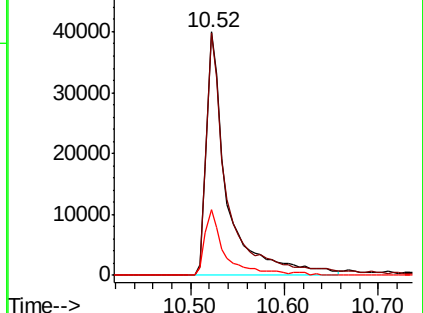
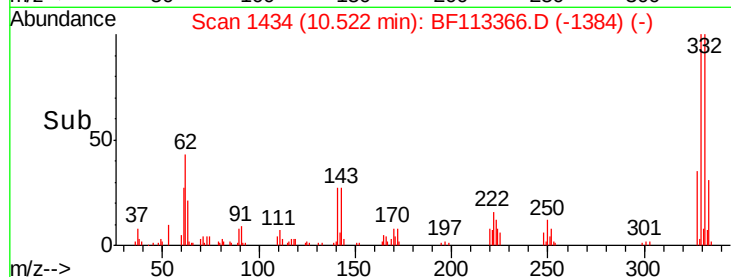
141 25.4 22.7 34.1



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: 73.801 ng

RT: 9.06 min Scan# 1185

Delta R.T. -0.00 min

Lab File: BF113366.D

Acq: 28 Mar 2019 9:42

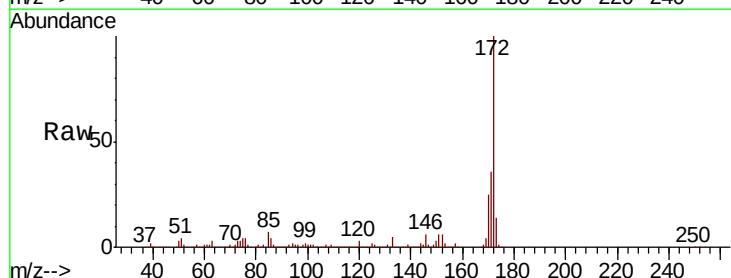
Tgt Ion:172 Resp: 1438430

Ion Ratio Lower Upper

172 100

171 36.0 29.0 43.6

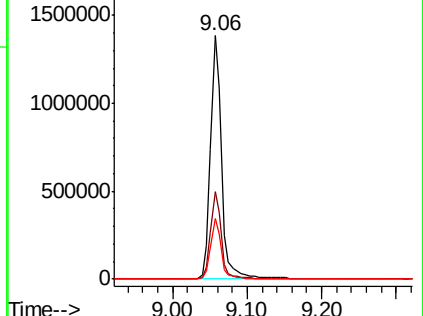
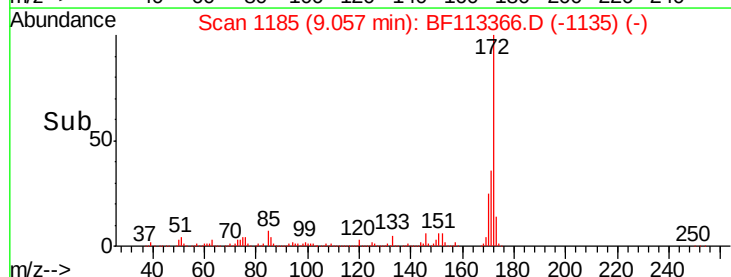
170 24.7 19.5 29.3

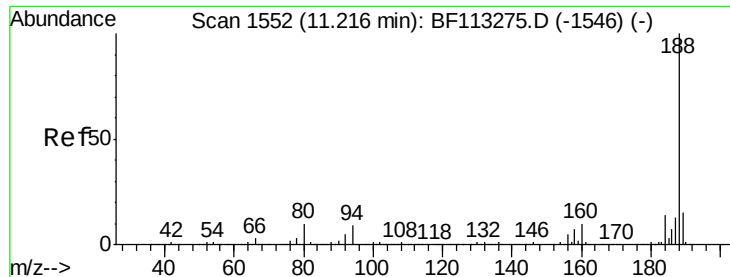


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

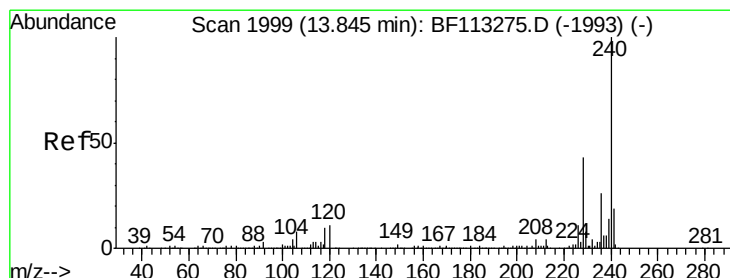
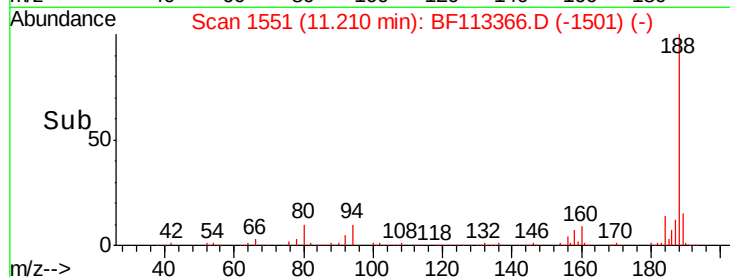
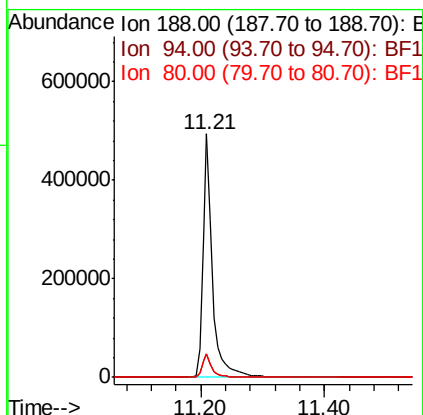
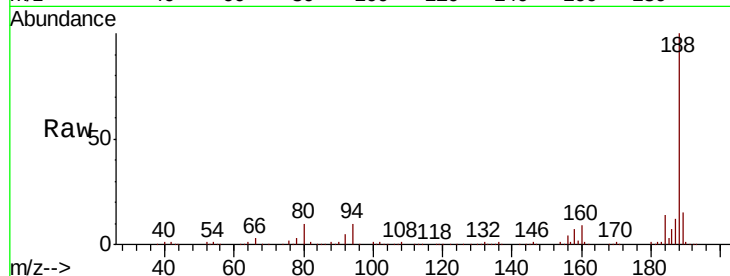




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF113366.D
Acq: 28 Mar 2019 9:42

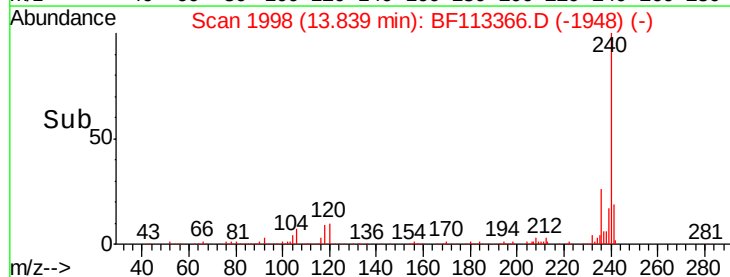
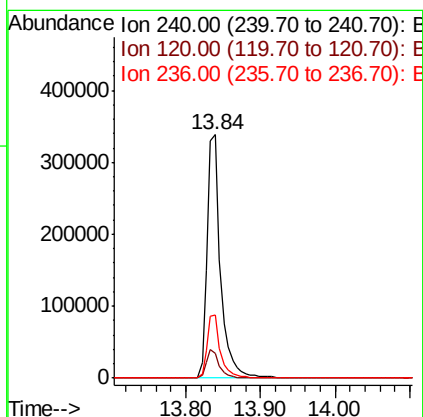
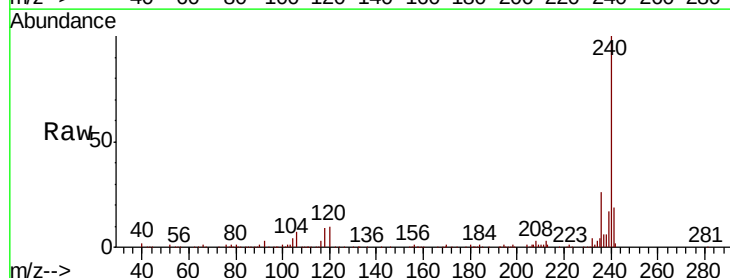
Instrument :
BNA_F
ClientSampleId :
PB118325TB

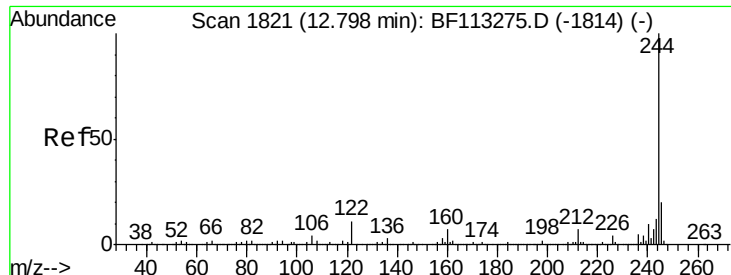
Tot Ion:188 Resp: 534952
Ion Ratio Lower Upper
188 100
94 9.7 7.0 10.6
80 9.6 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF113366.D
Acq: 28 Mar 2019 9:42

Tgt Ion:240 Resp: 425584
Ion Ratio Lower Upper
240 100
120 10.2 8.8 13.2
236 25.7 20.9 31.3





#79

Terphenyl-d14

Concen: 67.770 ng

RT: 12.79 min Scan# 1819

Delta R.T. -0.01 min

Lab File: BF113366.D

Acq: 28 Mar 2019 9:42

Instrument :

BNA_F

ClientSampleId :

PB118325TB

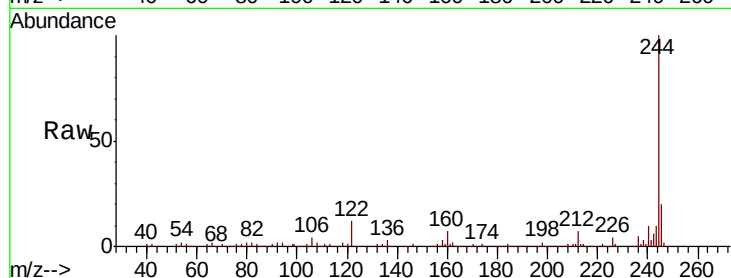
Tot Ion:244 Resp: 1308504

Ion Ratio Lower Upper

244 100

212 6.5 5.5 8.3

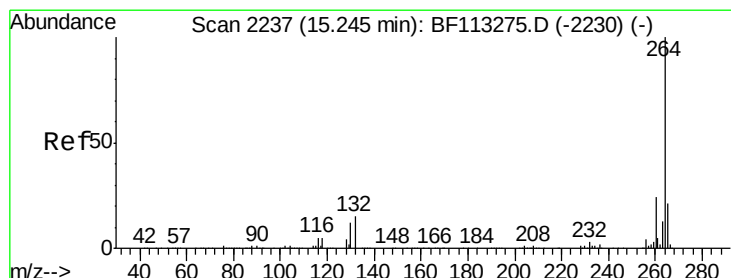
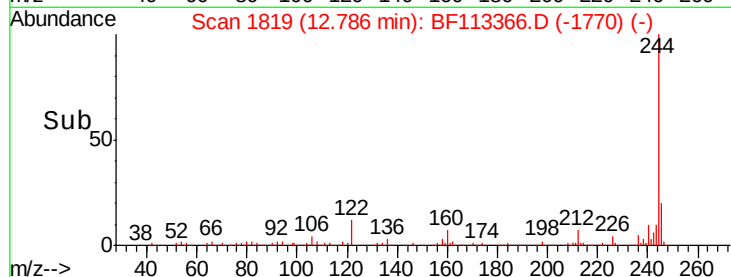
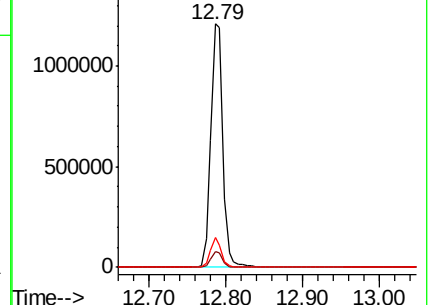
122 12.0 8.6 13.0



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: BF113366.D

Acq: 28 Mar 2019 9:42

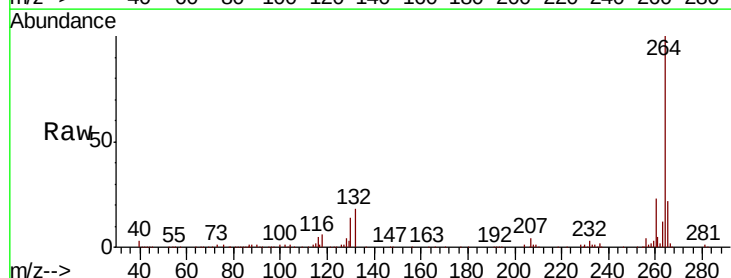
Tgt Ion:264 Resp: 322516

Ion Ratio Lower Upper

264 100

260 22.5 19.1 28.7

265 21.6 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

