

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091219\
 Data File : BF117012.D
 Acq On : 13 Sep 2019 1:10
 Operator : HP/JU
 Sample : PB123028TB
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB123028TB

Quant Time: Sep 13 08:47:17 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 12 08:24:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	57820	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	227501	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	121307	20.00	ng	0.00
64) Phenanthrene-d10	11.34	188	207017	20.00	ng	0.00
76) Chrysene-d12	13.97	240	155472	20.00	ng	0.00
87) Perylene-d12	15.42	264	128605	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	388453	108.84	ng	0.00
7) Phenol-d6	6.46	99	517729	110.47	ng	0.00
23) Nitrobenzene-d5	7.39	82	325401	81.65	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	110552	136.32	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	622523	86.57	ng	0.00
79) Terphenyl-d14	12.92	244	637461	75.85	ng	0.00

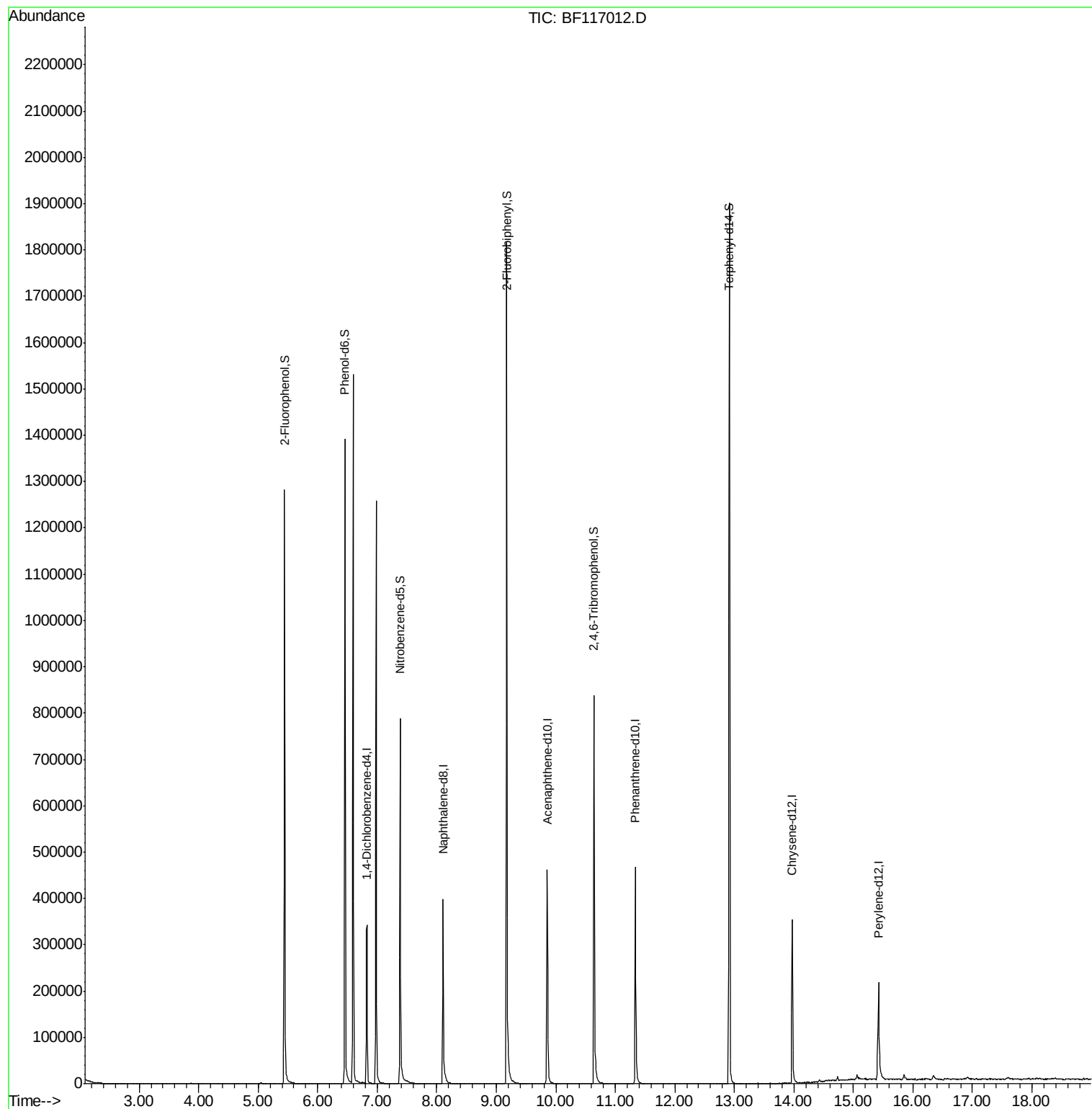
Target Compounds Qvalue

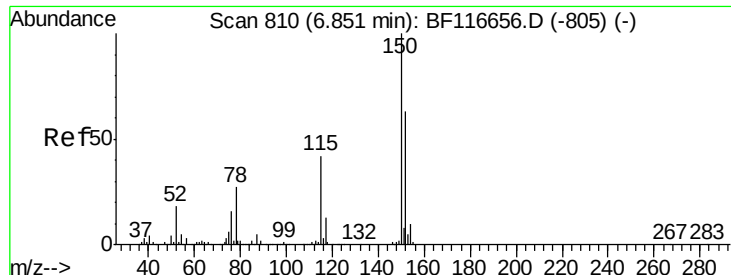
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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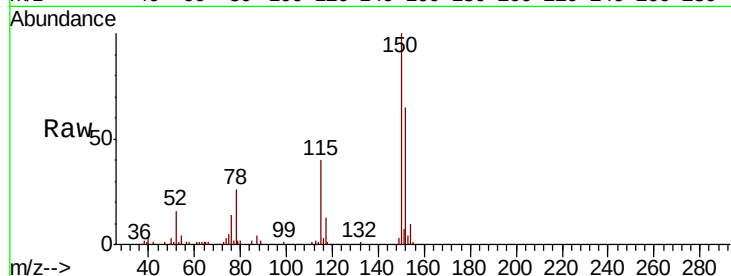


#1

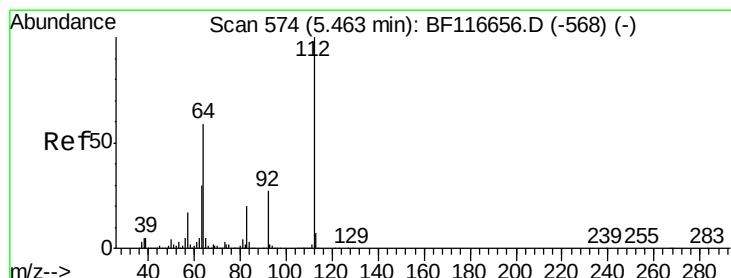
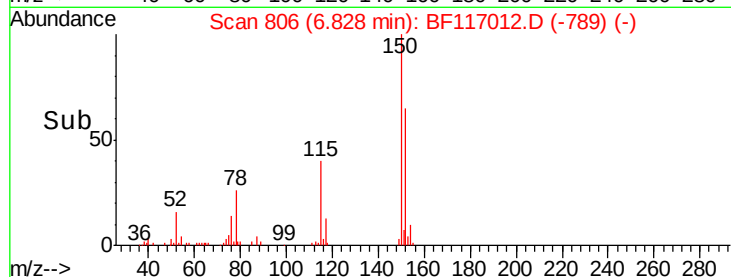
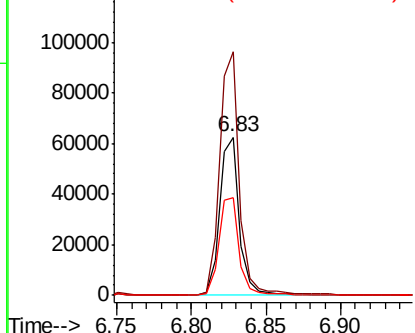
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. 0.00 min
Lab File: BF117012.D
Acq: 13 Sep 2019 1:10

Instrument :
BNA_F
ClientSampleId :
PB123028TB

Tot Ion:152 Resp: 57820
Ion Ratio Lower Upper
152 100
150 154.1 126.2 189.2
115 62.2 50.2 75.2



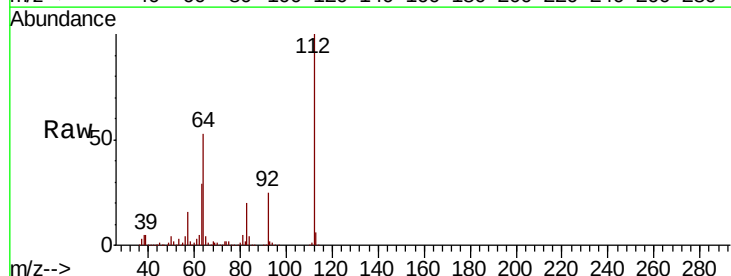
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



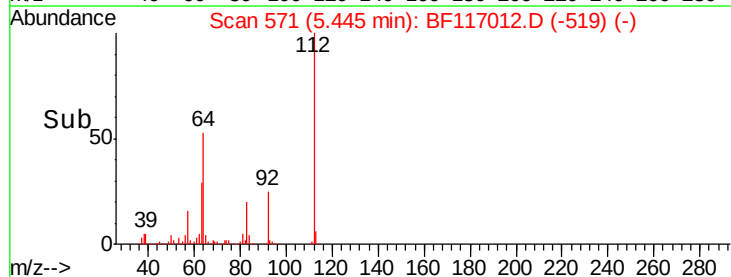
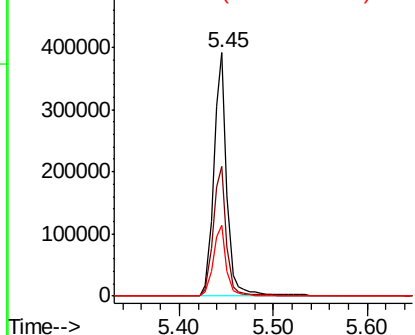
#5

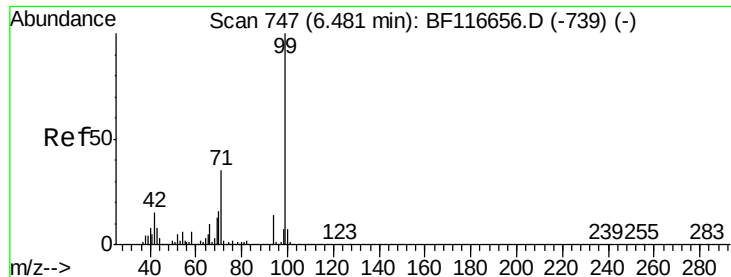
2-Fluorophenol
Concen: 108.841 ng
RT: 5.45 min Scan# 571
Delta R.T. 0.01 min
Lab File: BF117012.D
Acq: 13 Sep 2019 1:10

Tgt Ion:112 Resp: 388453
Ion Ratio Lower Upper
112 100
64 53.3 47.1 70.7
63 29.2 25.4 38.0



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: 110.472 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF117012.D

Acq: 13 Sep 2019 1:10

Instrument :

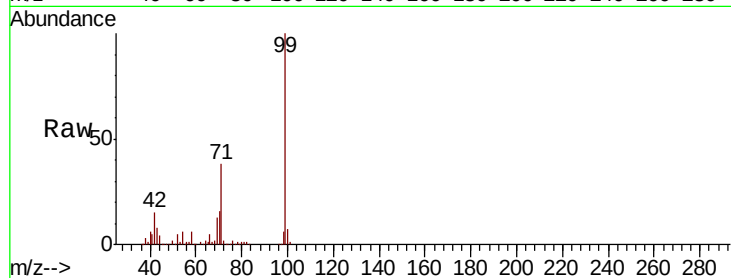
BNA_F

ClientSampleId :

PB123028TB

Tot Ion: 99 Resp: 517729

Ion	Ratio	Lower	Upper
99	100		
42	15.3	12.0	18.0
71	37.6	29.7	44.5

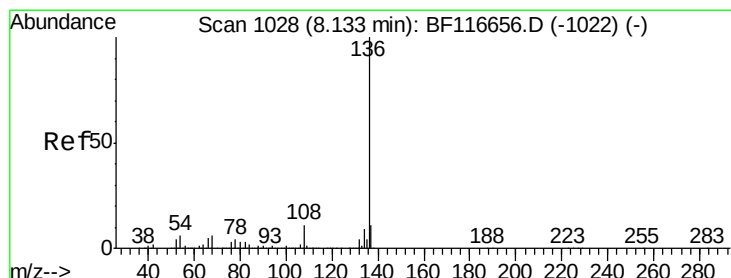
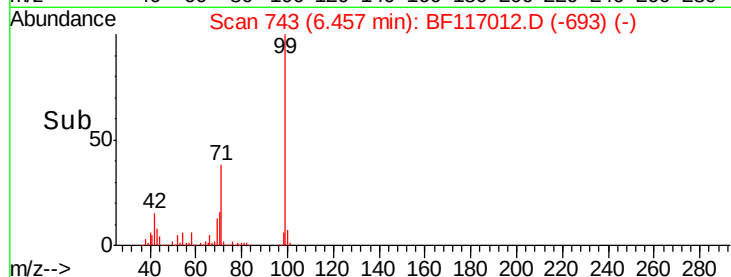
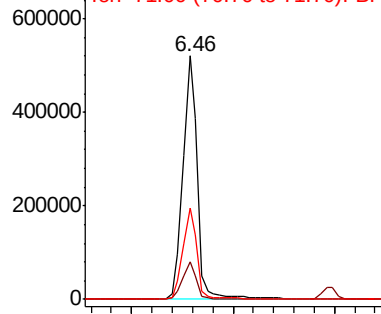


Abundance

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: 8.10 min Scan# 1023

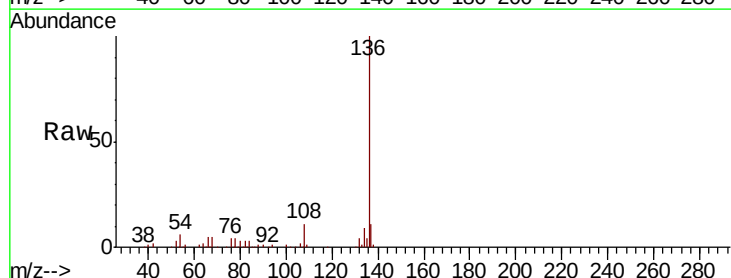
Delta R.T. -0.01 min

Lab File: BF117012.D

Acq: 13 Sep 2019 1:10

Tgt Ion: 136 Resp: 227501

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.5	12.7
54	5.6	3.8	5.8
68	5.1	3.6	5.4



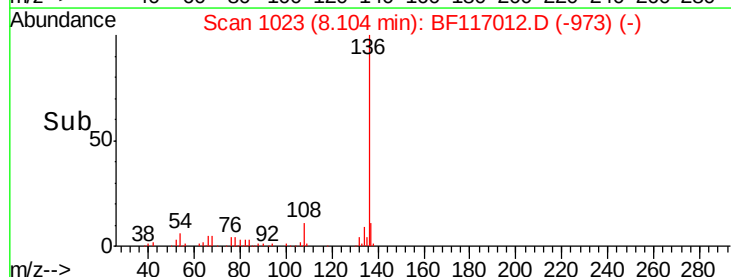
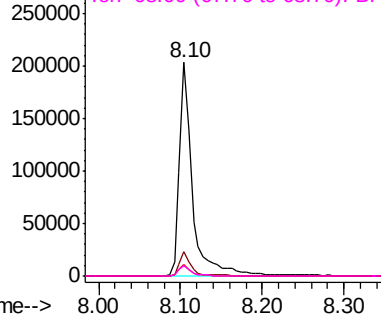
Abundance

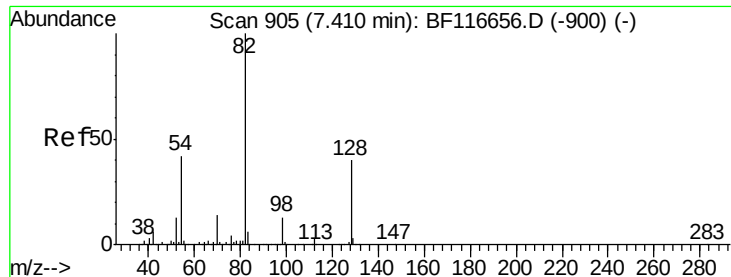
Ion 136.00 (135.70 to 136.70): E

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

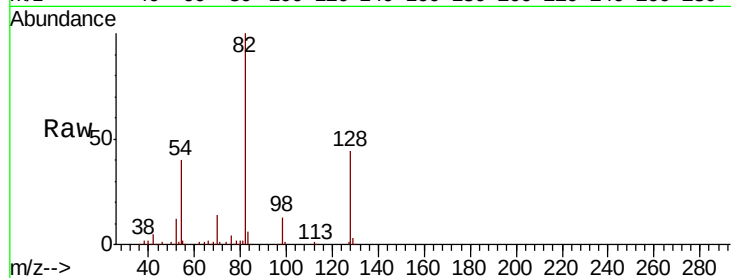




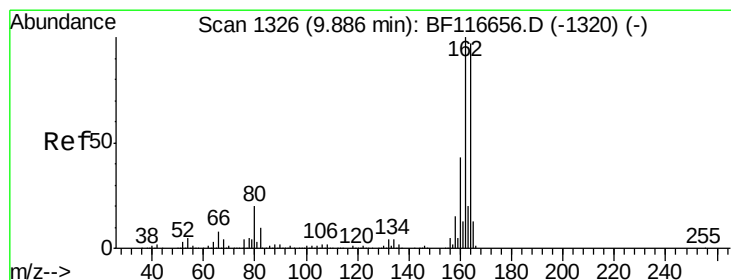
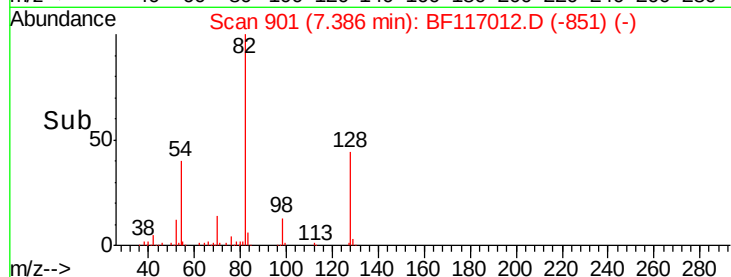
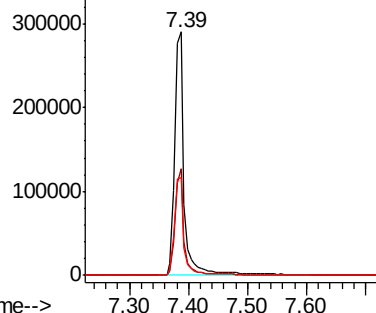
#23
Nitrobenzene-d5
Concen: 81.654 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.01 min
Lab File: BF117012.D
Acq: 13 Sep 2019 1:10

Instrument :
BNA_F
ClientSampleId :
PB123028TB

Tot Ion:	82	Resp:	325401
Ion	Ratio	Lower	Upper
82	100		
128	43.9	35.0	52.4
54	40.2	32.6	48.8

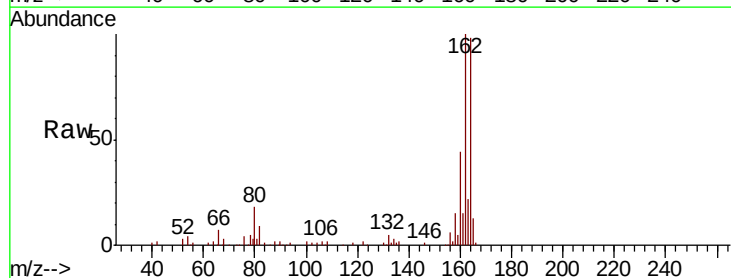


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

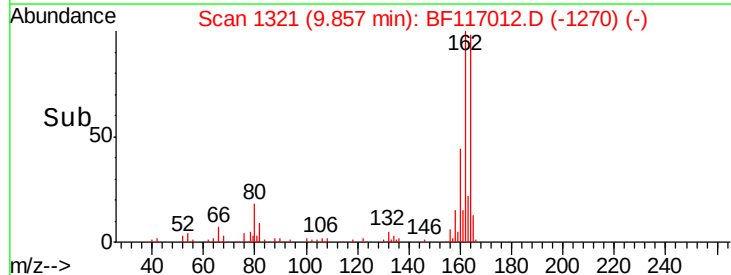
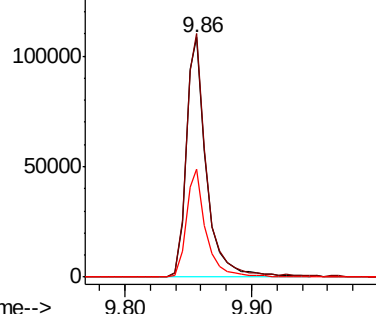


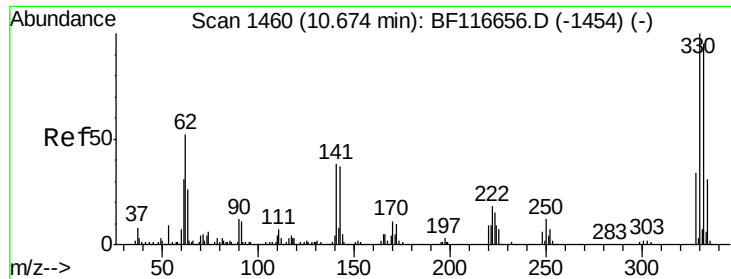
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1321
Delta R.T. 0.00 min
Lab File: BF117012.D
Acq: 13 Sep 2019 1:10

Tgt Ion:	164	Resp:	121307
Ion	Ratio	Lower	Upper
164	100		
162	101.6	81.8	122.6
160	45.2	35.7	53.5



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: 136.322 ng

RT: 10.65 min Scan# 1455

Delta R.T. 0.00 min

Lab File: BF117012.D

Acq: 13 Sep 2019 1:10

Instrument :

BNA_F

ClientSampleId :

PB123028TB

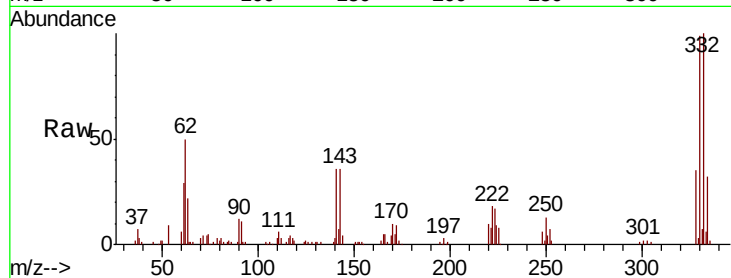
Tot Ion:330 Resp: 110552

Ion Ratio Lower Upper

330 100

332 98.1 75.9 113.9

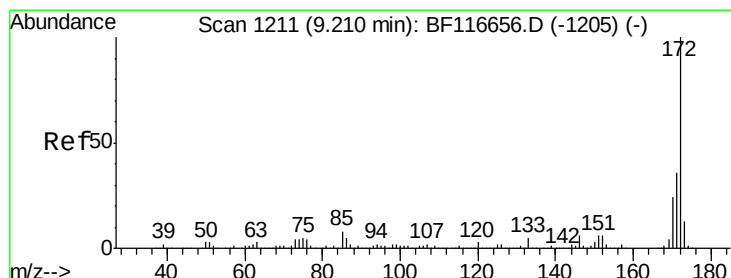
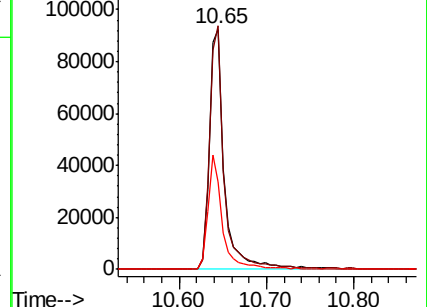
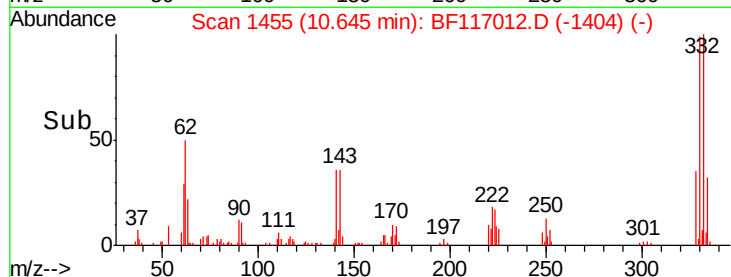
141 45.0 35.6 53.4



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: 86.568 ng

RT: 9.17 min Scan# 1205

Delta R.T. -0.01 min

Lab File: BF117012.D

Acq: 13 Sep 2019 1:10

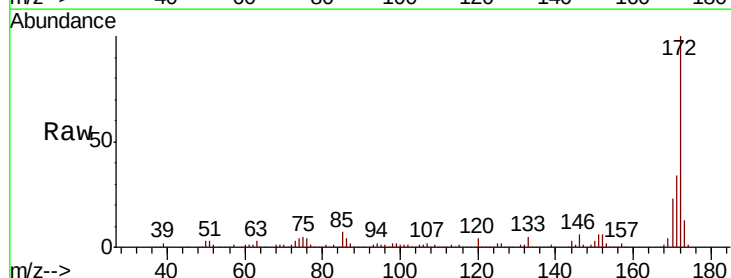
Tgt Ion:172 Resp: 622523

Ion Ratio Lower Upper

172 100

171 34.3 29.1 43.7

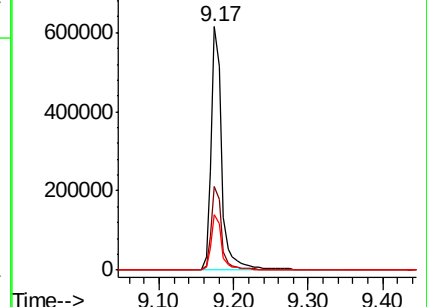
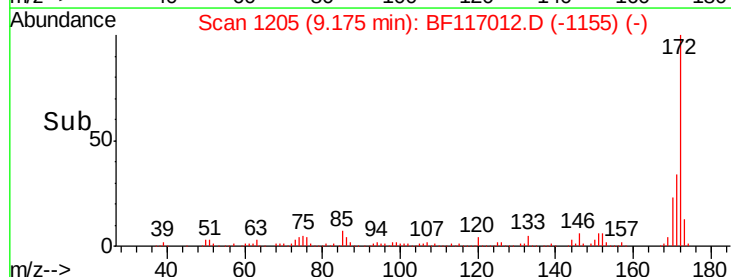
170 23.0 19.2 28.8

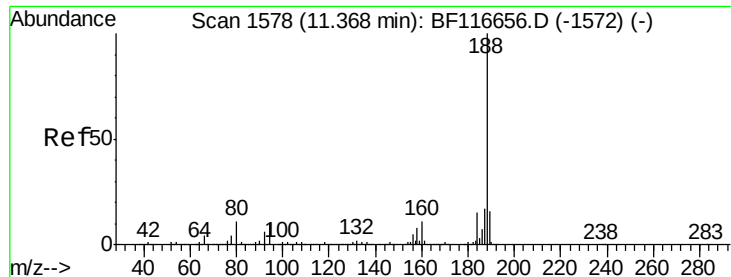


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

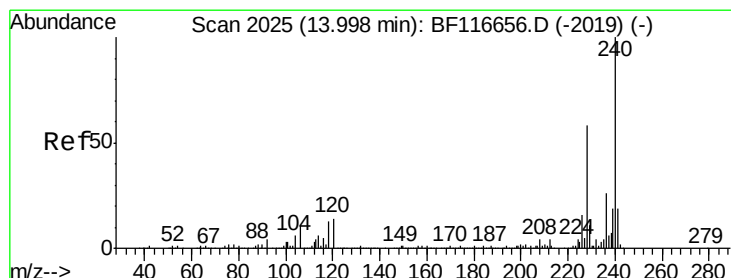
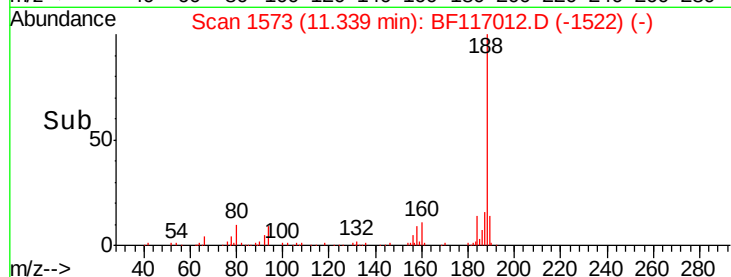
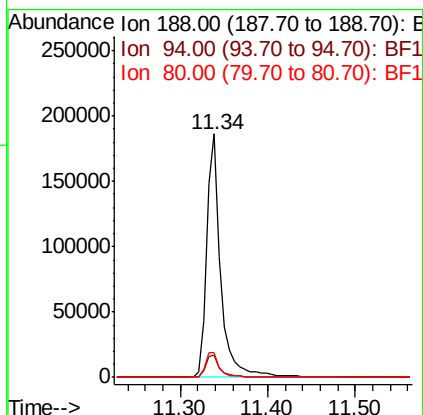
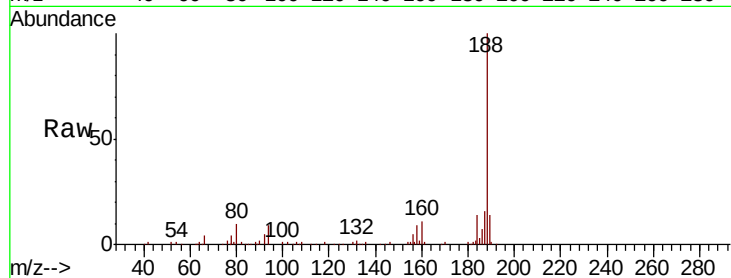




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. 0.00 min
Lab File: BF117012.D
Acq: 13 Sep 2019 1:10

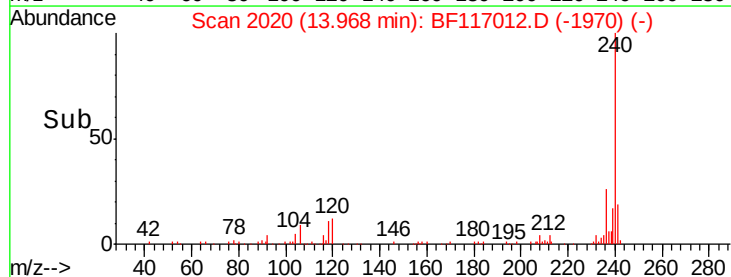
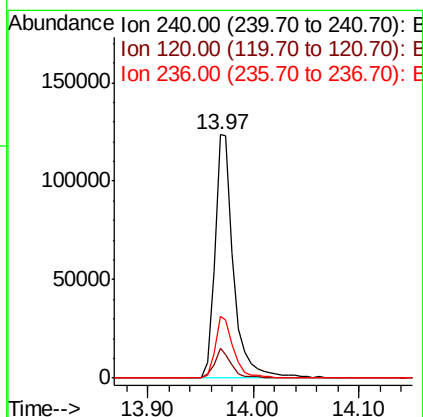
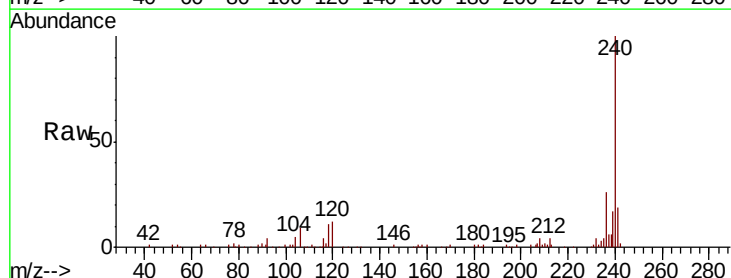
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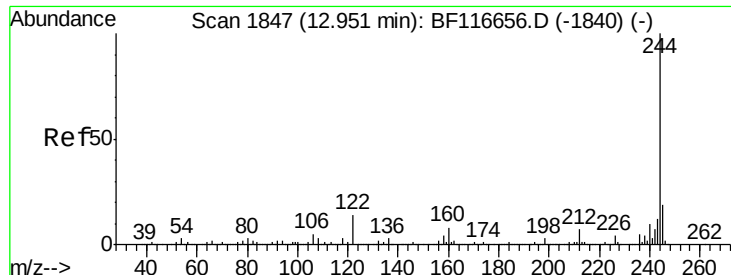
Tot Ion:188 Resp: 207017
Ion Ratio Lower Upper
188 100
94 8.9 7.4 11.2
80 10.0 8.5 12.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF117012.D
Acq: 13 Sep 2019 1:10

Tgt Ion:240 Resp: 155472
Ion Ratio Lower Upper
240 100
120 12.4 9.1 13.7
236 25.7 20.9 31.3

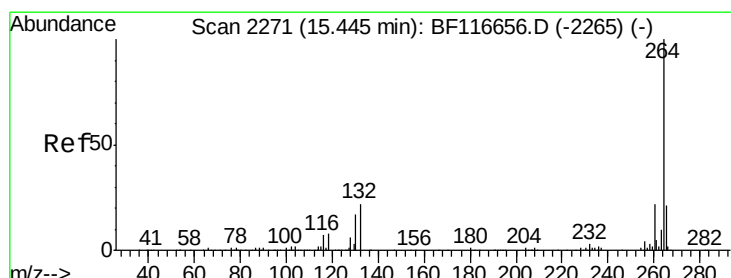
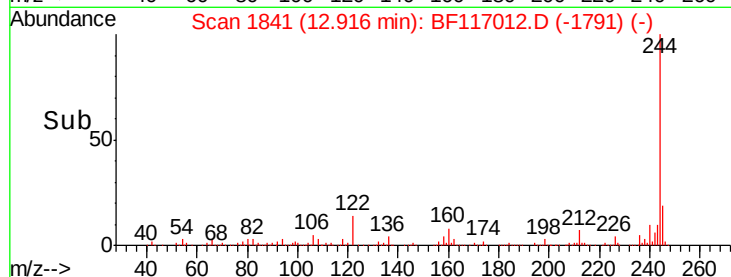
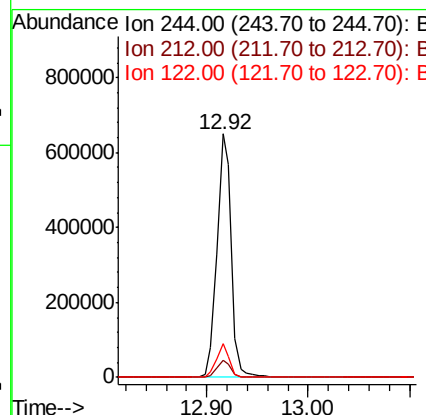
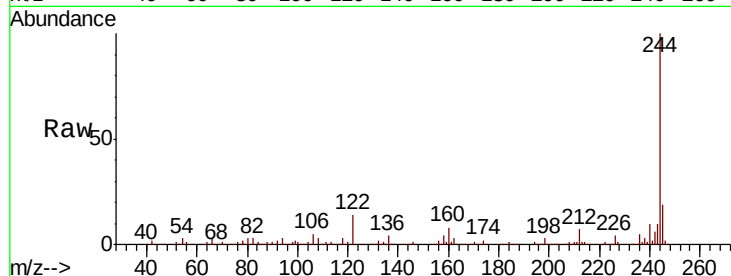




#79
 Terphenyl-d14
 Concen: 75.851 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.01 min
 Lab File: BF117012.D
 Acq: 13 Sep 2019 1:10

Instrument :
 BNA_F
 ClientSampleId :
 PB123028TB

Tot Ion:244 Resp: 637461
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.7 8.5
 122 14.0 11.5 17.3



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.42 min Scan# 2267
 Delta R.T. 0.01 min
 Lab File: BF117012.D
 Acq: 13 Sep 2019 1:10

Tgt Ion:264 Resp: 128605
 Ion Ratio Lower Upper
 264 100
 260 21.9 19.0 28.4
 265 22.9 17.9 26.9

