

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022219\
 Data File : BF112668.D
 Acq On : 22 Feb 2019 17:02
 Operator : JU/SJ
 Sample : PB117296BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB117296BL

Quant Time: Feb 23 00:36:52 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 28 10:38:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	56753	20.00	ng	-0.03
21) Naphthalene-d8	8.10	136	222991	20.00	ng	-0.03
39) Acenaphthene-d10	9.85	164	110191	20.00	ng	-0.04
64) Phenanthrene-d10	11.34	188	229184	20.00	ng	-0.03
76) Chrysene-d12	13.98	240	196071	20.00	ng	-0.03
87) Perylene-d12	15.45	264	161714	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	193600	72.46	ng	-0.02
7) Phenol-d6	6.47	99	258417	69.60	ng	-0.02
23) Nitrobenzene-d5	7.38	82	237333	61.33	ng	-0.03
42) 2,4,6-Tribromophenol	10.65	330	72765	56.73	ng	-0.04
45) 2-Fluorobiphenyl	9.17	172	510712	65.55	ng	-0.04
79) Terphenyl-d14	12.91	244	546486	52.50	ng	-0.04

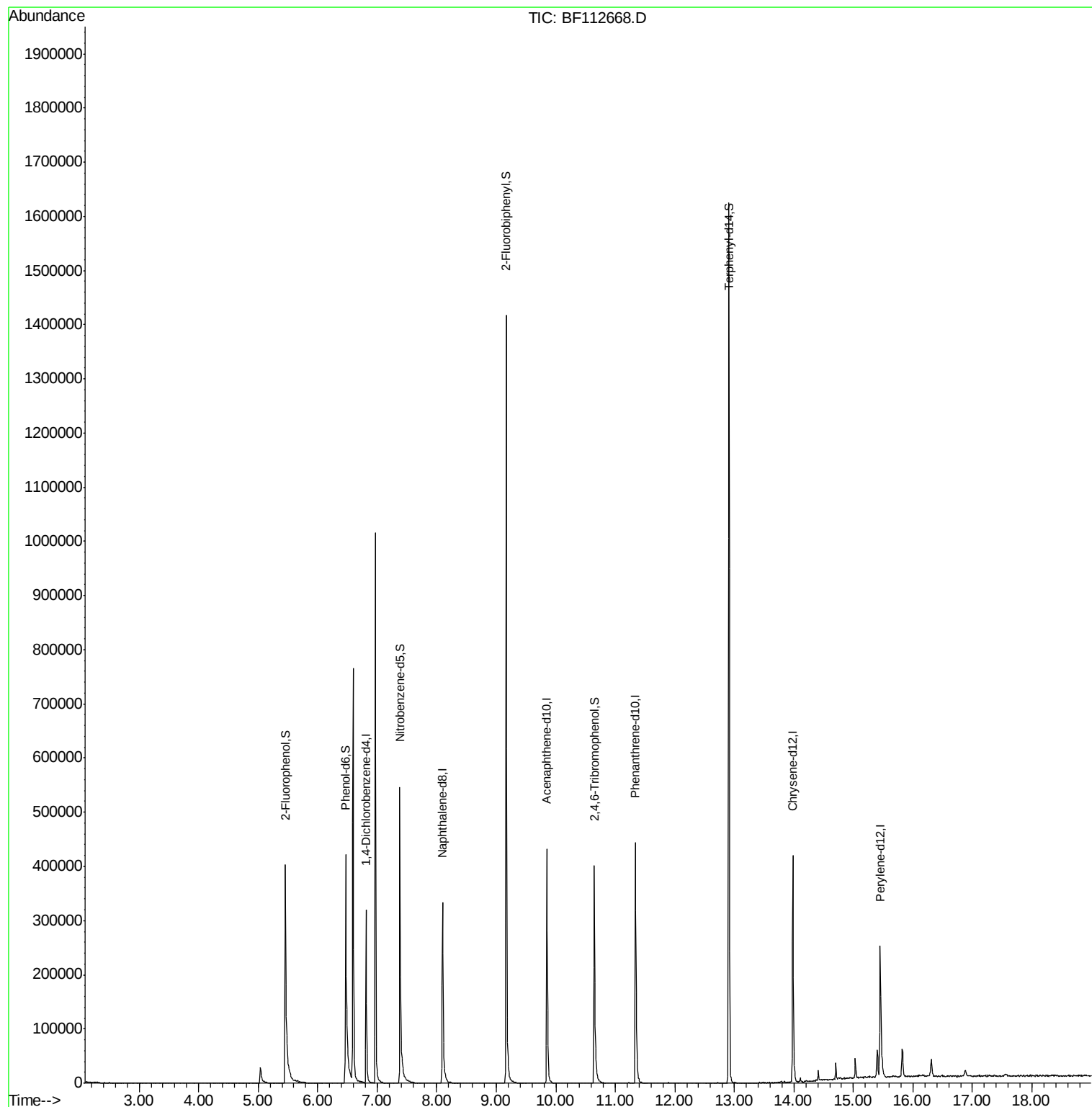
Target Compounds Qvalue

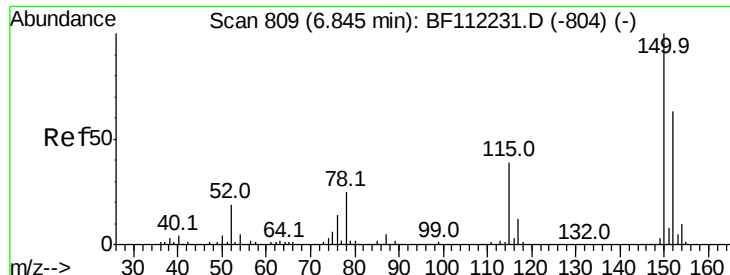
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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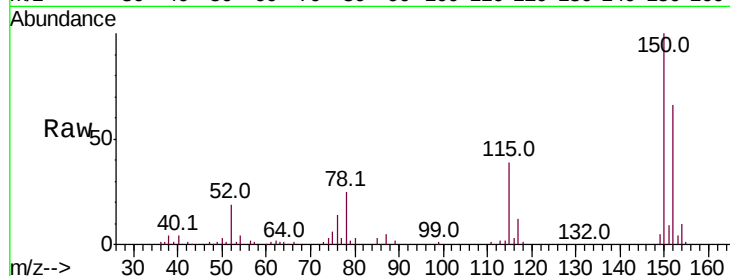


#1

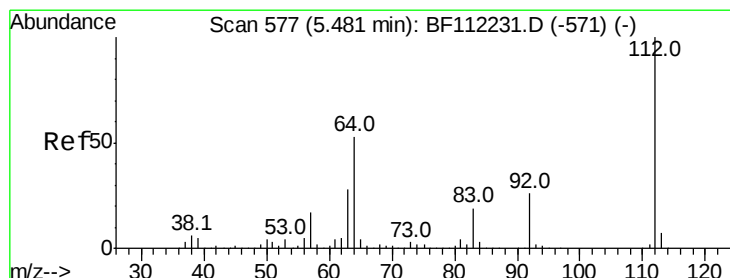
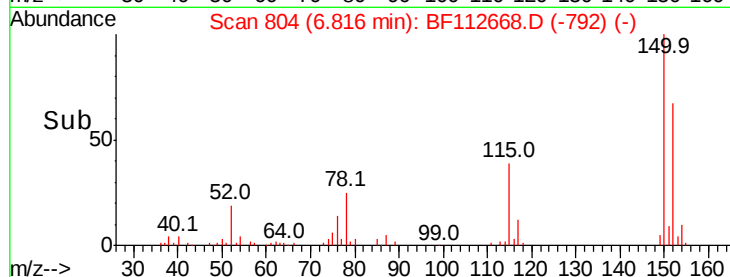
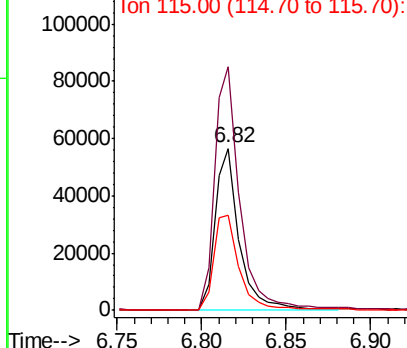
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.03 min
Lab File: BF112668.D
Acq: 22 Feb 2019 17:02

Instrument :
BNA_F
ClientSampleId :
PB117296BL

Tot Ion:152 Resp: 56753
Ion Ratio Lower Upper
152 100
150 150.5 127.4 191.0
115 58.8 45.5 68.3



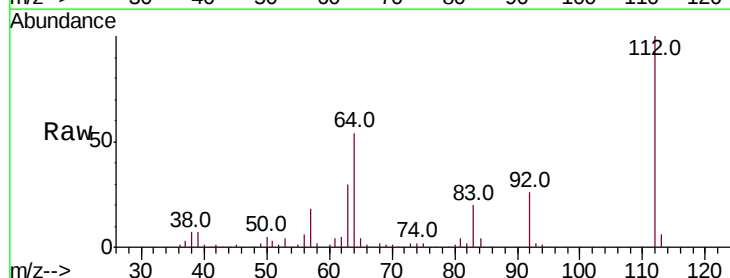
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



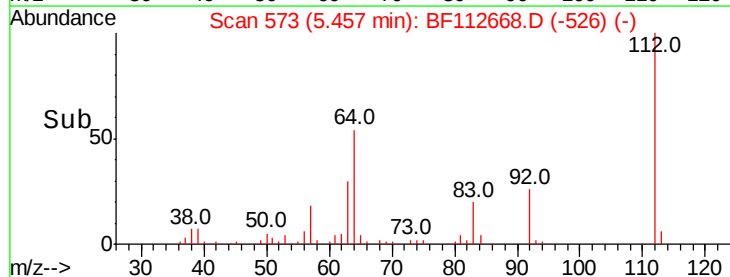
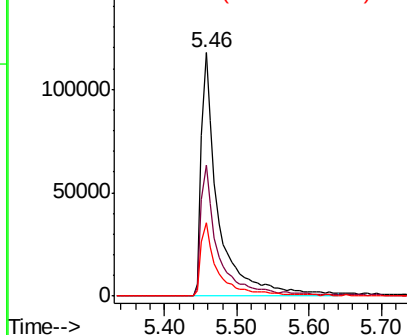
#5

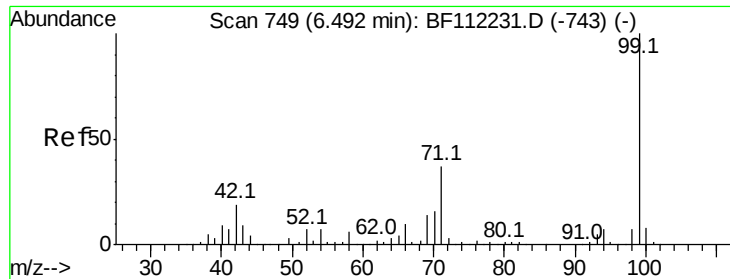
2-Fluorophenol
Concen: 72.458 ng
RT: 5.46 min Scan# 573
Delta R.T. -0.02 min
Lab File: BF112668.D
Acq: 22 Feb 2019 17:02

Tgt Ion:112 Resp: 193600
Ion Ratio Lower Upper
112 100
64 53.7 45.7 68.5
63 30.3 23.6 35.4



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: 69.603 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.02 min

Lab File: BF112668.D

Acq: 22 Feb 2019 17:02

Instrument :

BNA_F

ClientSampleId :

PB117296BL

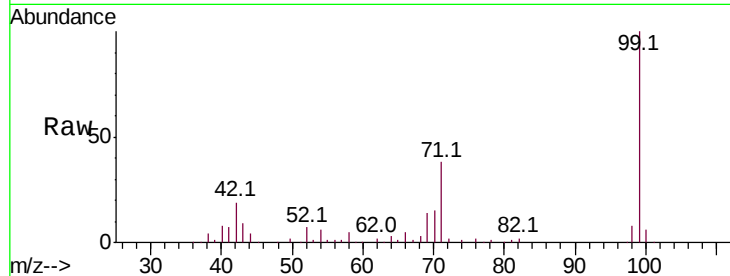
Tot Ion: 99 Resp: 258417

Ion Ratio Lower Upper

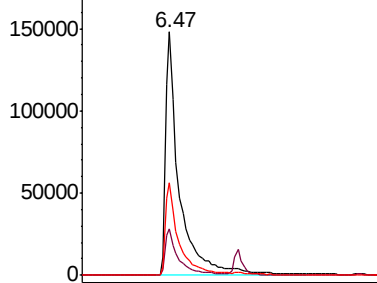
99 100

42 19.3 15.1 22.7

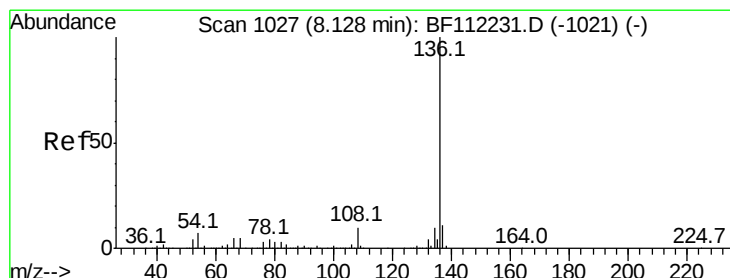
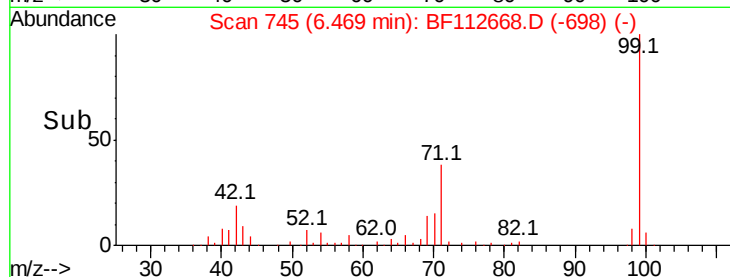
71 37.8 26.9 40.3



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



Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.03 min

Lab File: BF112668.D

Acq: 22 Feb 2019 17:02

Tgt Ion: 136 Resp: 222991

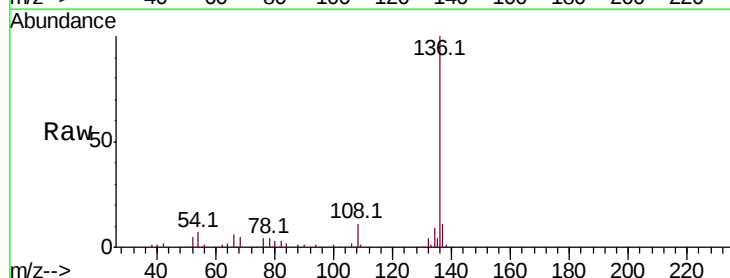
Ion Ratio Lower Upper

136 100

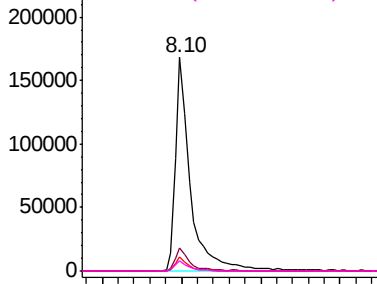
137 11.0 9.1 13.7

54 6.5 5.9 8.9

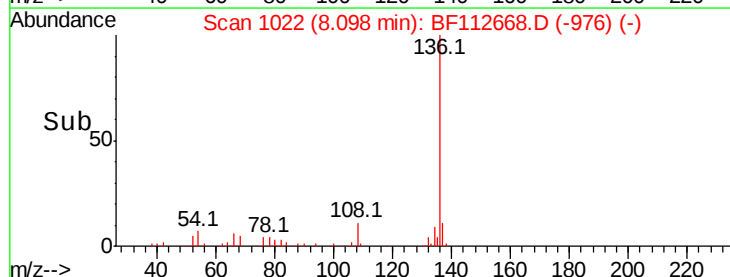
68 4.5 5.1 7.7#

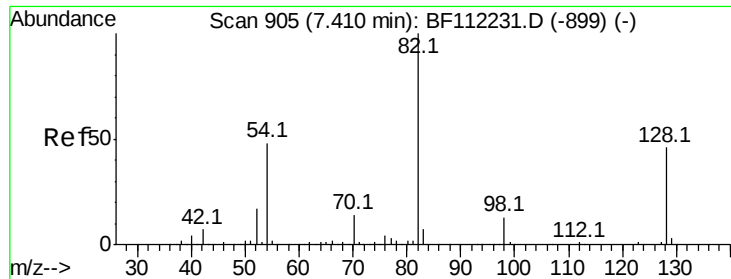


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1



Time-->

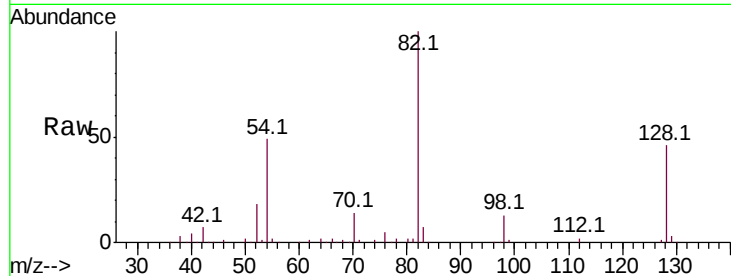




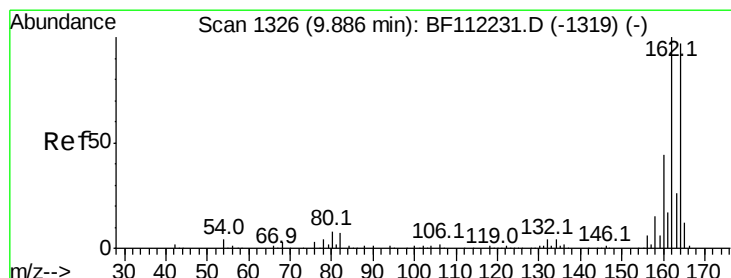
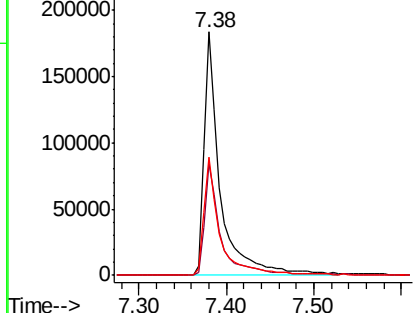
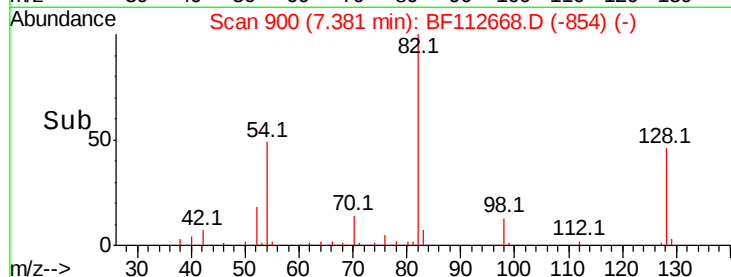
#23
Nitrobenzene-d5
Concen: 61.326 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.03 min
Lab File: BF112668.D
Acq: 22 Feb 2019 17:02

Instrument :
BNA_F
ClientSampleID :
PB117296BL

Tot Ion: 82 Resp: 237333
Ion Ratio Lower Upper
82 100
128 46.1 37.8 56.8
54 48.8 39.7 59.5

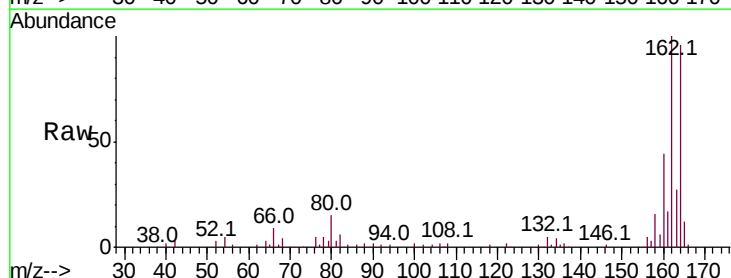


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

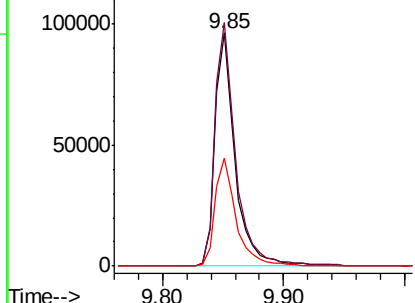
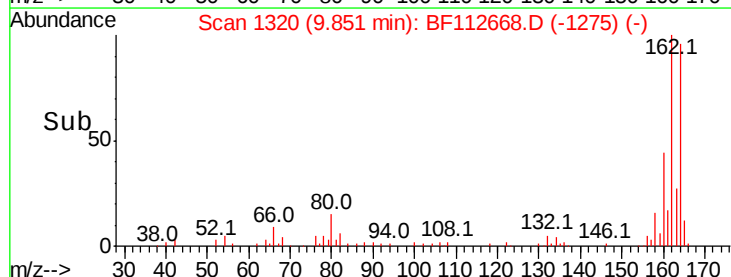


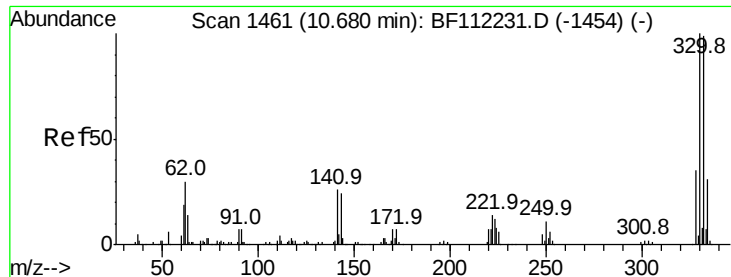
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.04 min
Lab File: BF112668.D
Acq: 22 Feb 2019 17:02

Tgt Ion:164 Resp: 110191
Ion Ratio Lower Upper
164 100
162 104.6 82.2 123.4
160 46.2 36.2 54.4



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: 56.733 ng

RT: 10.65 min Scan# 1455

Delta R.T. -0.04 min

Lab File: BF112668.D

Acq: 22 Feb 2019 17:02

Instrument :

BNA_F

ClientSampleId :

PB117296BL

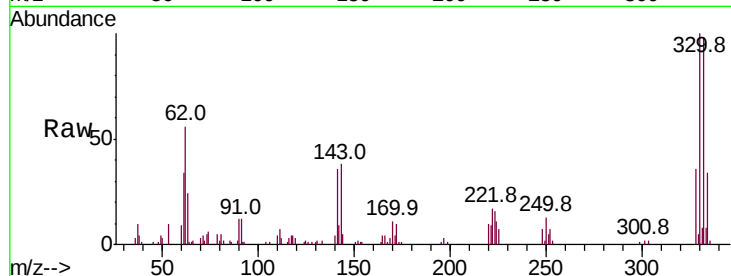
Tot Ion:330 Resp: 72765

Ion Ratio Lower Upper

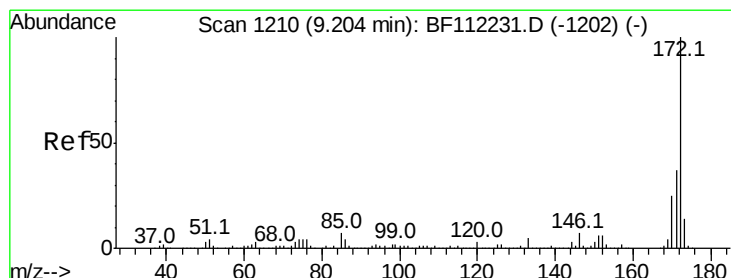
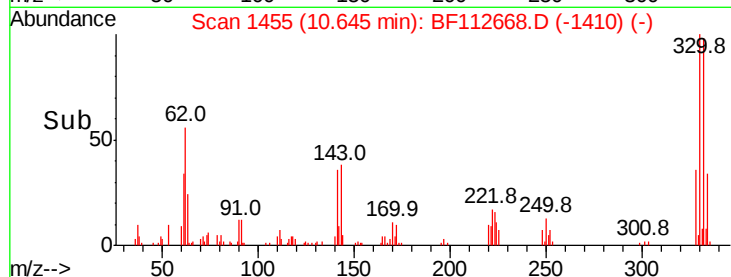
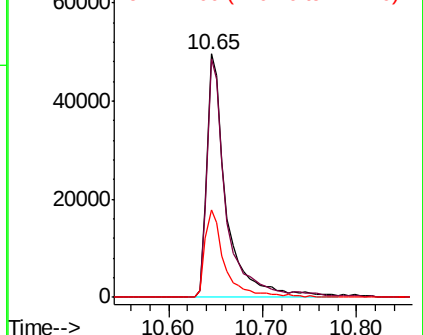
330 100

332 97.0 76.6 114.8

141 35.4 24.3 36.5



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: 65.552 ng

RT: 9.17 min Scan# 1204

Delta R.T. -0.04 min

Lab File: BF112668.D

Acq: 22 Feb 2019 17:02

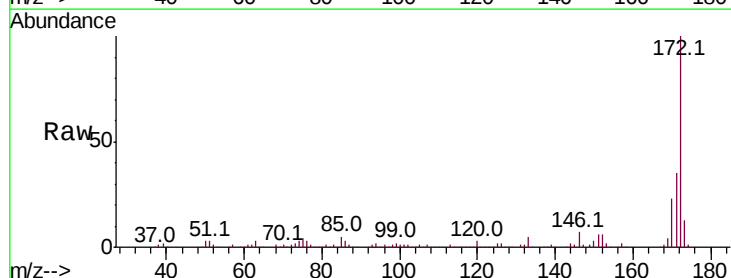
Tgt Ion:172 Resp: 510712

Ion Ratio Lower Upper

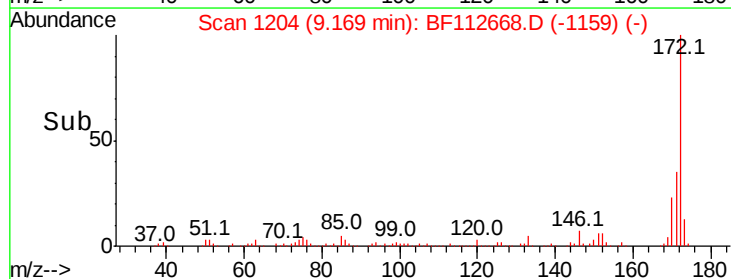
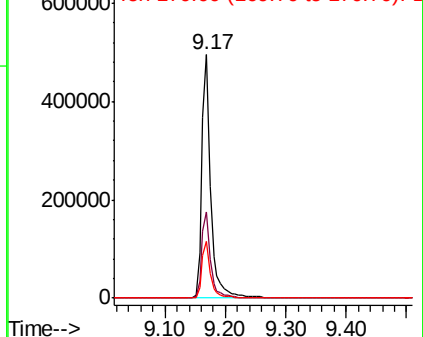
172 100

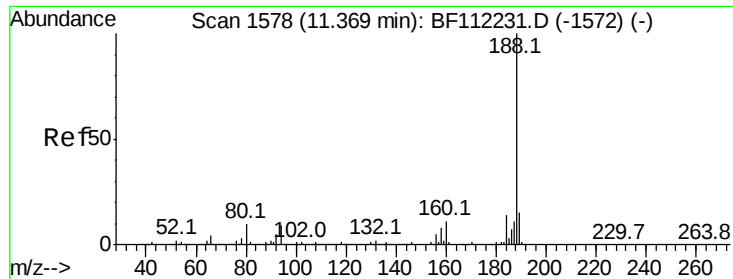
171 35.2 30.5 45.7

170 23.3 20.2 30.4



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

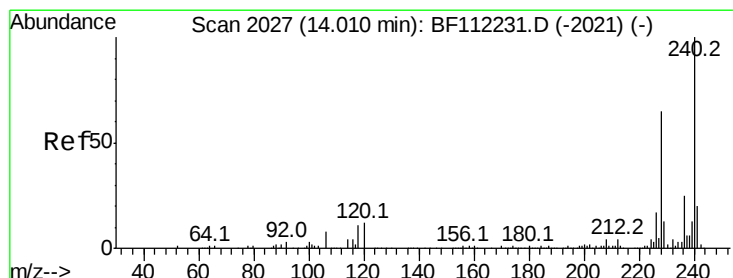
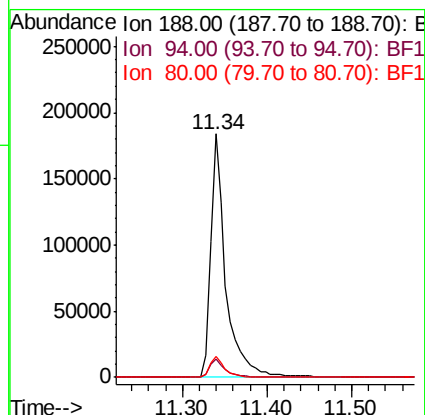
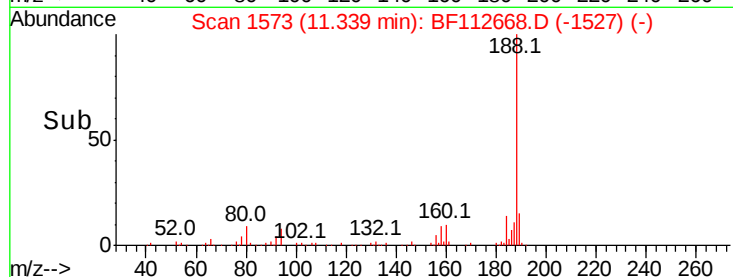
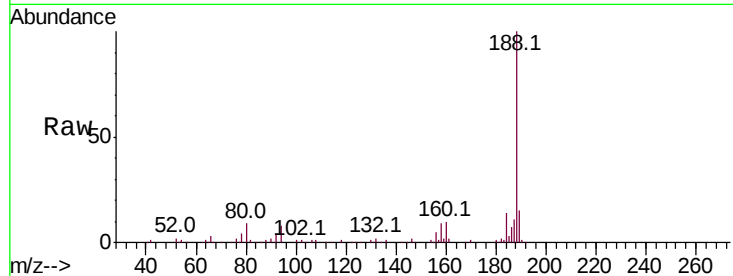




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.03 min
Lab File: BF112668.D
Acq: 22 Feb 2019 17:02

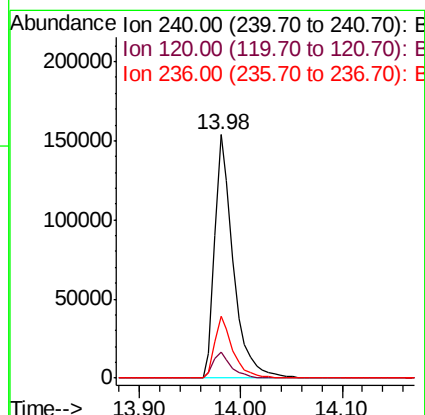
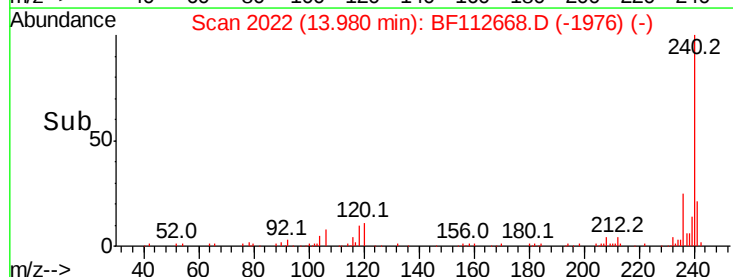
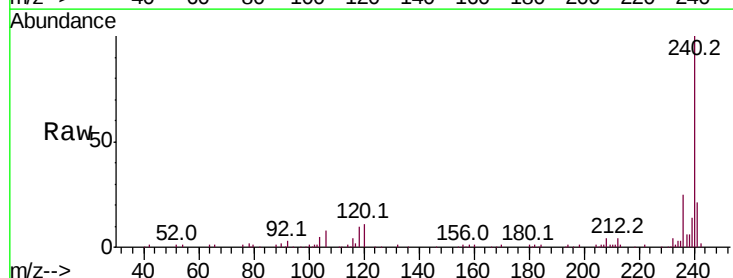
Instrument :
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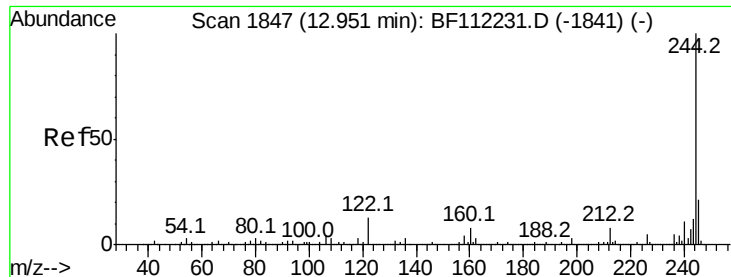
Tot Ion:188 Resp: 229184
Ion Ratio Lower Upper
188 100
94 7.6 8.2 12.2#
80 8.6 8.9 13.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.03 min
Lab File: BF112668.D
Acq: 22 Feb 2019 17:02

Tgt Ion:240 Resp: 196071
Ion Ratio Lower Upper
240 100
120 10.9 9.0 13.6
236 25.4 20.7 31.1





#79

Terphenyl-d14

Concen: 52.495 ng

RT: 12.91 min Scan# 1840

Delta R.T. -0.04 min

Lab File: BF112668.D

Acq: 22 Feb 2019 17:02

Instrument :

BNA_F

ClientSampleId :

PB117296BL

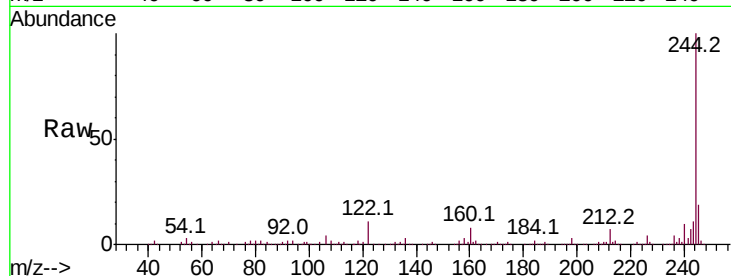
Tot Ion:244 Resp: 546486

Ion Ratio Lower Upper

244 100

212 6.8 5.9 8.9

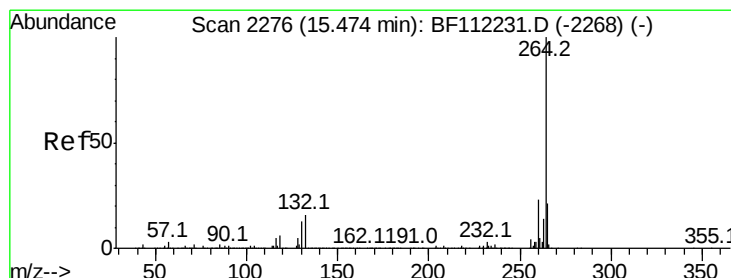
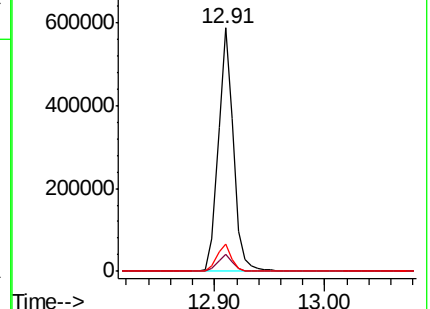
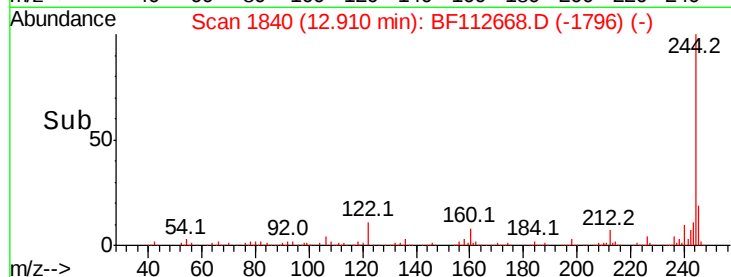
122 11.1 9.8 14.6



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: 15.45 min Scan# 2272

Delta R.T. -0.02 min

Lab File: BF112668.D

Acq: 22 Feb 2019 17:02

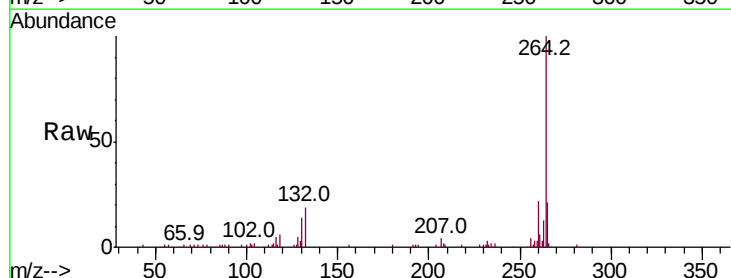
Tgt Ion:264 Resp: 161714

Ion Ratio Lower Upper

264 100

260 22.4 18.2 27.2

265 20.5 17.0 25.4



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

