

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020519\
 Data File : BF112395.D
 Acq On : 5 Feb 2019 14:36
 Operator : JU/SJ
 Sample : PB116831BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB116831BL

Quant Time: Feb 05 16:38:03 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	6.83	152	157150	20.00	ng	-0.01
21) Naphthalene-d8	8.11	136	604239	20.00	ng	-0.02
39) Acenaphthene-d10	9.87	164	302356	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	626673	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	553642	20.00	ng	-0.01
87) Perylene-d12	15.46	264	480080	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1060901	143.39	ng	0.00
7) Phenol-d6	6.48	99	1330026	129.37	ng	-0.01
23) Nitrobenzene-d5	7.39	82	848562	80.92	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	446270	126.81	ng	-0.02
45) 2-Fluorobiphenyl	9.19	172	1777183	83.13	ng	-0.02
79) Terphenyl-d14	12.94	244	2080300	70.77	ng	-0.01

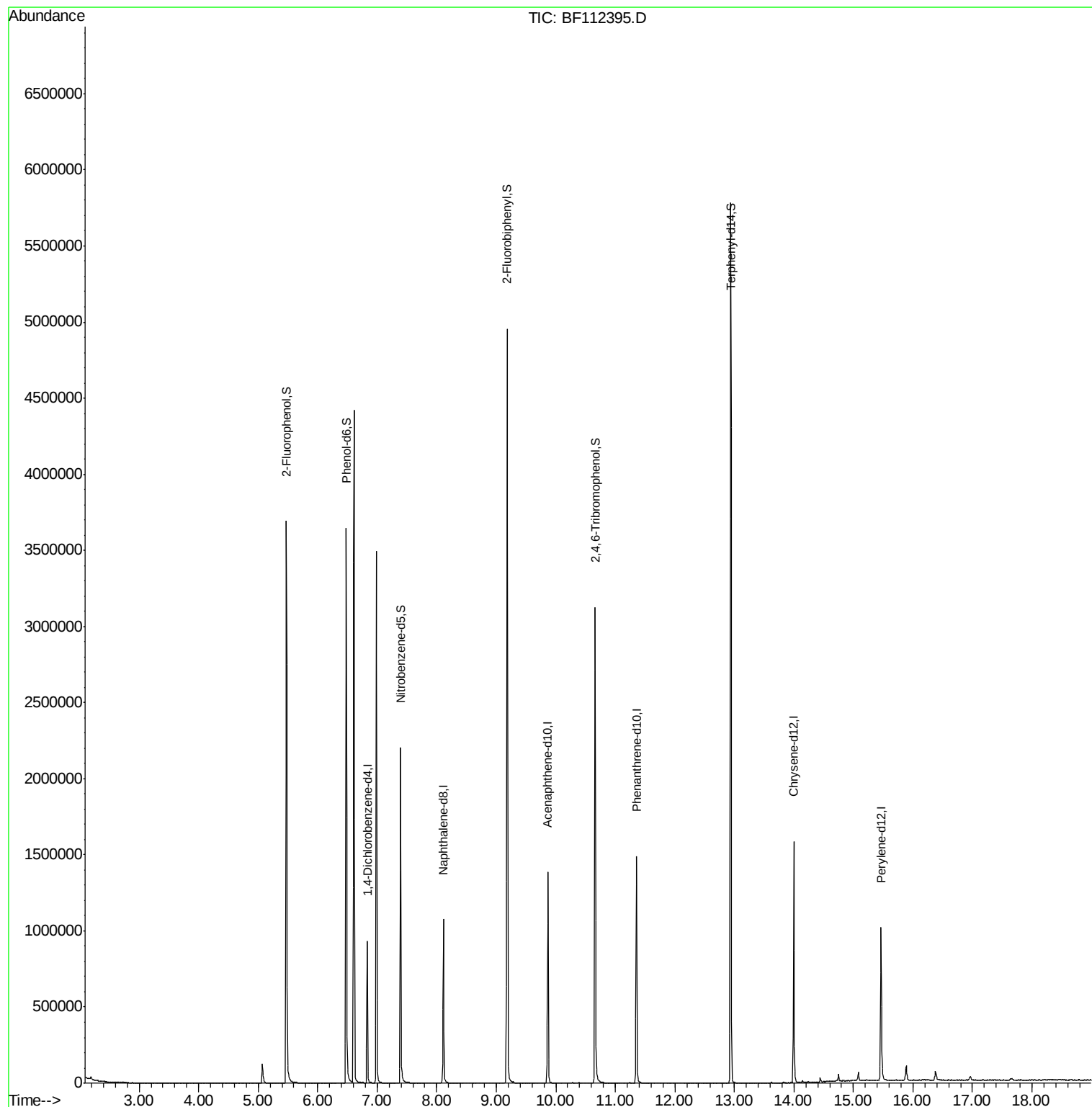
Target Compounds Qvalue

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

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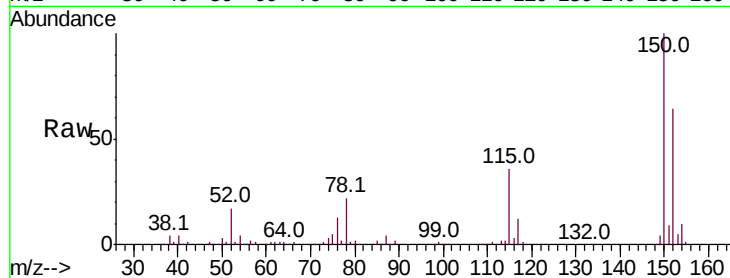


#1

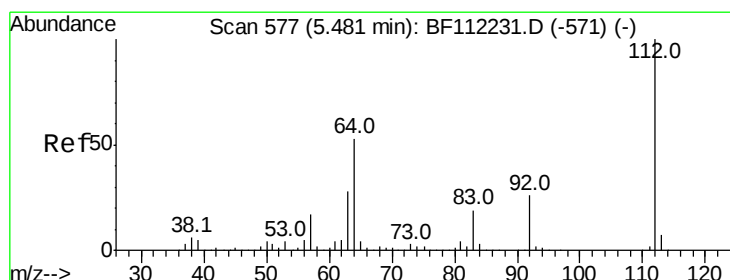
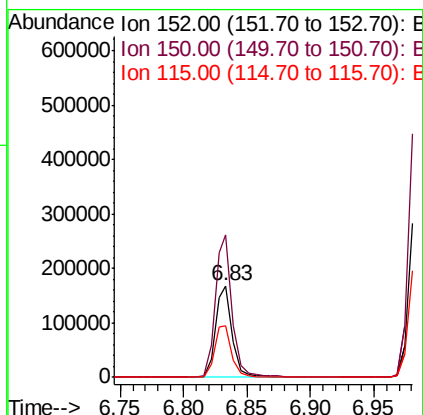
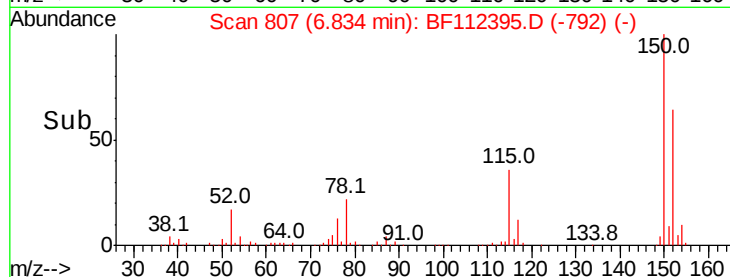
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF112395.D
Acq: 5 Feb 2019 14:36

Instrument :
BNA_F
ClientSampleId :
PB116831BL

Tot Ion:152 Resp: 157150
Ion Ratio Lower Upper
152 100
150 155.2 127.4 191.0
115 56.6 45.5 68.3



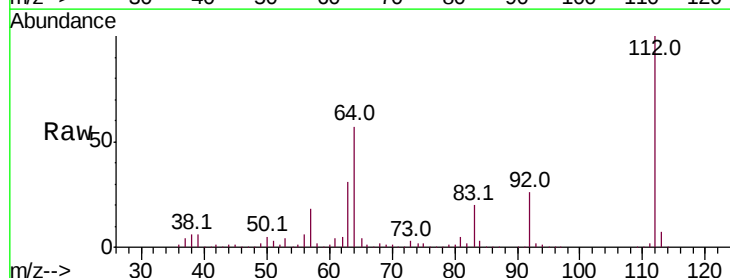
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



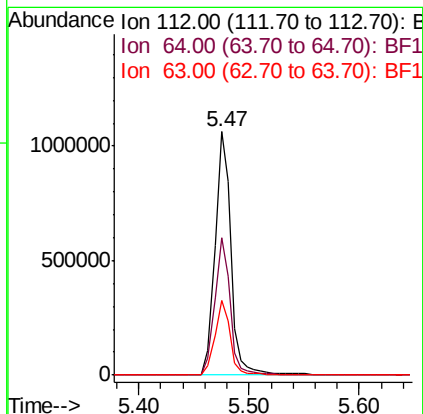
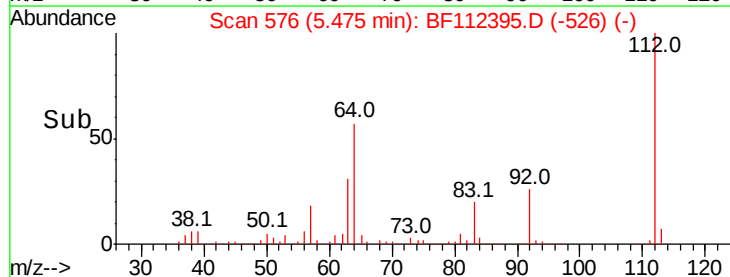
#5

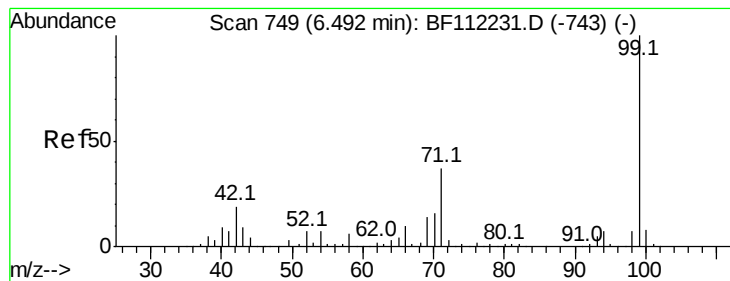
2-Fluorophenol
Concen: 143.393 ng
RT: 5.47 min Scan# 576
Delta R.T. -0.01 min
Lab File: BF112395.D
Acq: 5 Feb 2019 14:36

Tgt Ion:112 Resp: 1060901
Ion Ratio Lower Upper
112 100
64 56.7 45.7 68.5
63 30.5 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: 129.372 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF112395.D

Acq: 5 Feb 2019 14:36

Instrument :

BNA_F

ClientSampleId :

PB116831BL

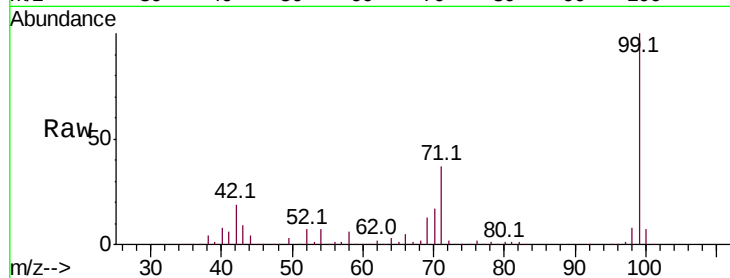
Tot Ion: 99 Resp: 1330026

Ion Ratio Lower Upper

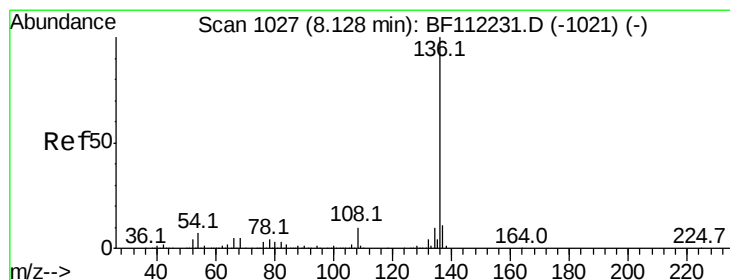
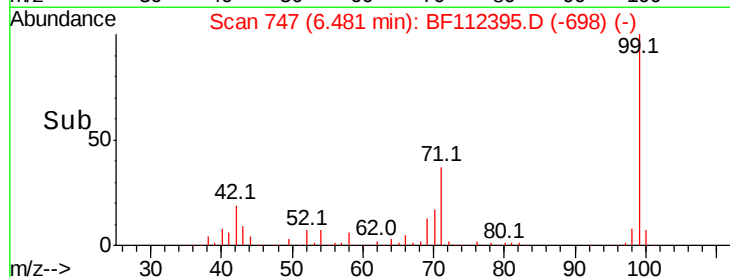
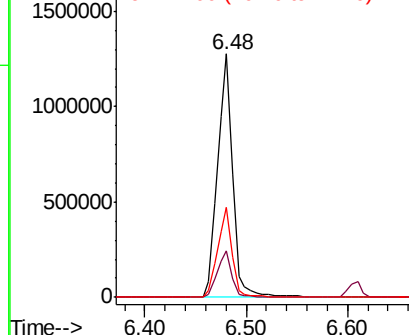
99 100

42 19.1 15.1 22.7

71 36.9 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.11 min Scan# 1024

Delta R.T. -0.02 min

Lab File: BF112395.D

Acq: 5 Feb 2019 14:36

Tgt Ion: 136 Resp: 604239

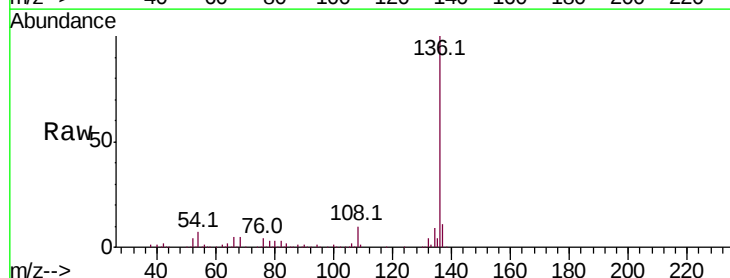
Ion Ratio Lower Upper

136 100

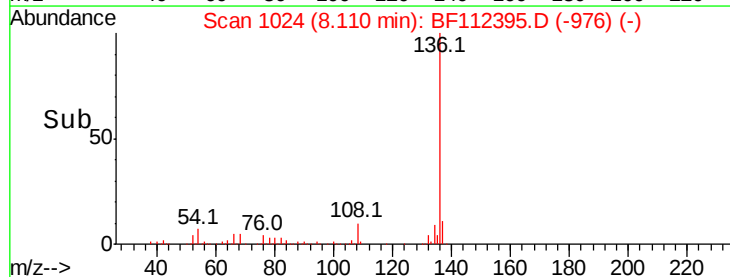
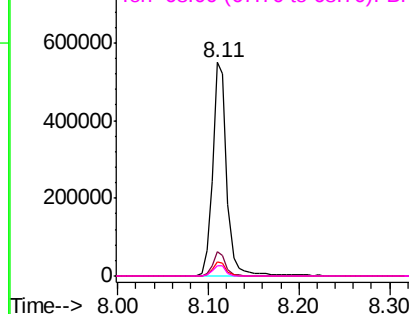
137 11.3 9.1 13.7

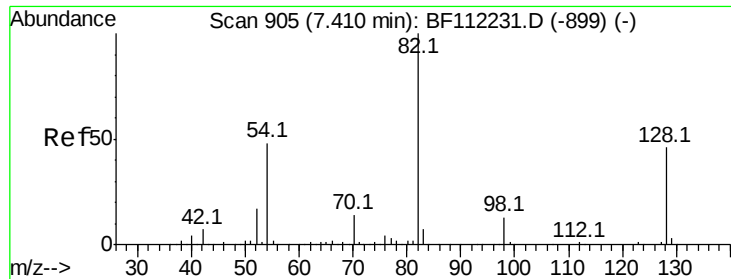
54 6.6 5.9 8.9

68 5.0 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

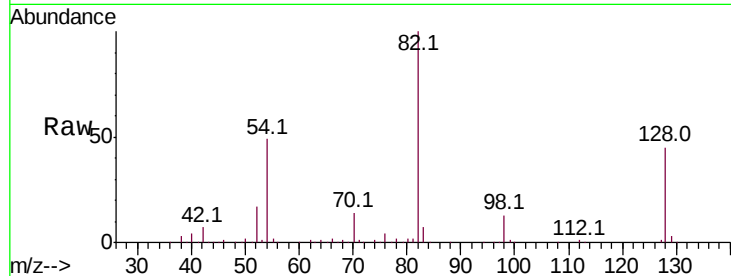




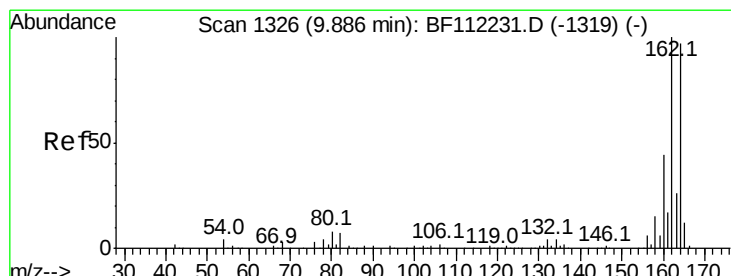
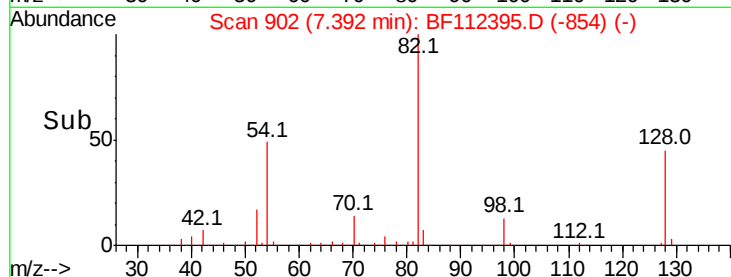
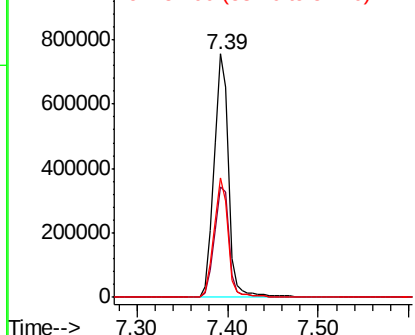
#23
 Nitrobenzene-d5
 Concen: 80.918 ng
 RT: 7.39 min Scan# 902
 Delta R.T. -0.02 min
 Lab File: BF112395.D
 Acq: 5 Feb 2019 14:36

Instrument :
 BNA_F
 ClientSampleId :
 PB116831BL

Tot Ion: 82 Resp: 848562
 Ion Ratio Lower Upper
 82 100
 128 45.3 37.8 56.8
 54 48.9 39.7 59.5

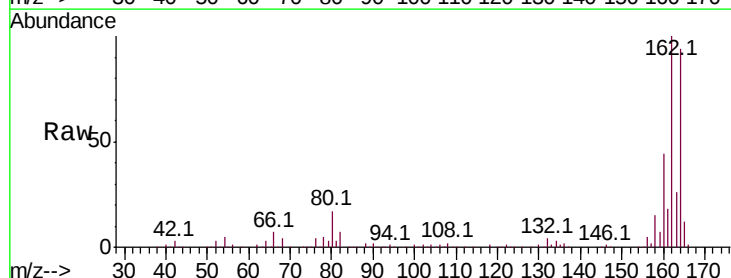


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

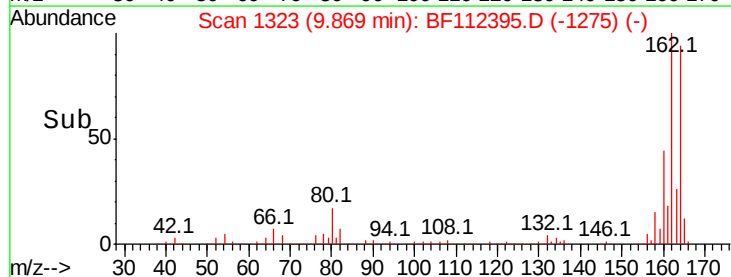
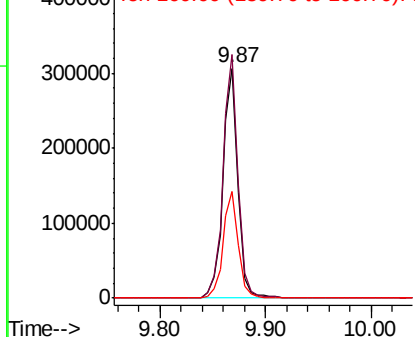


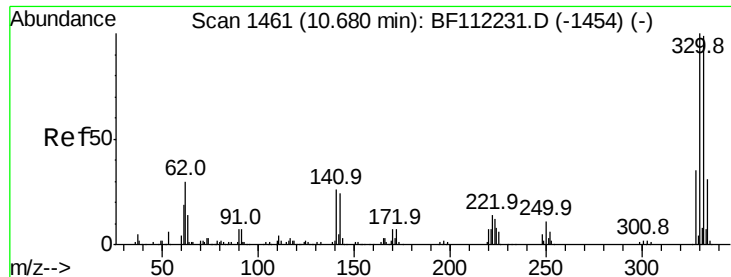
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.02 min
 Lab File: BF112395.D
 Acq: 5 Feb 2019 14:36

Tgt Ion:164 Resp: 302356
 Ion Ratio Lower Upper
 164 100
 162 105.9 82.2 123.4
 160 46.5 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

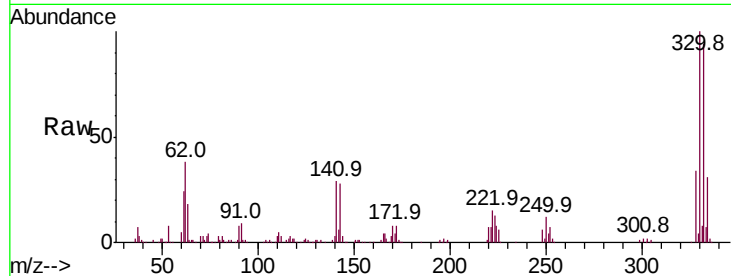




#42
 2,4,6-Tribromophenol
 Concen: 126.805 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.02 min
 Lab File: BF112395.D
 Acq: 5 Feb 2019 14:36

Instrument :
 BNA_F
 ClientSampleId :
 PB116831BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.3	76.6	114.8
141	32.0	24.3	36.5

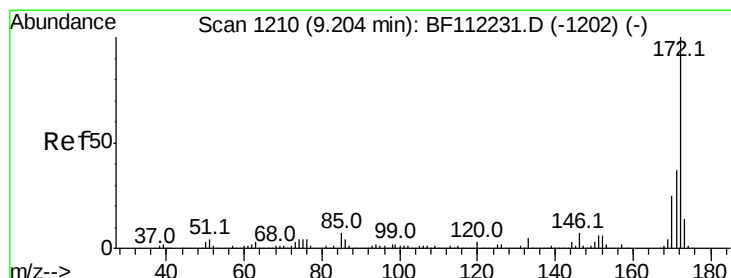
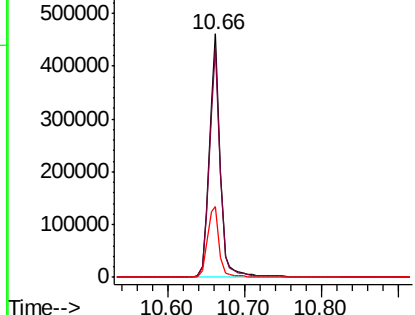
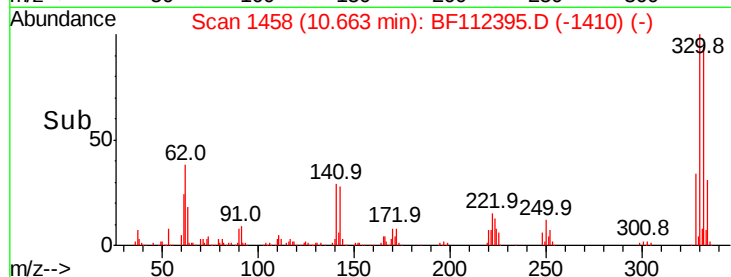


Abundance

Ion 329.80 (329.50 to 330.50): E

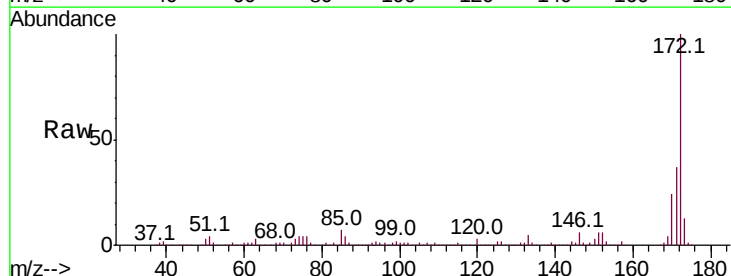
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 83.132 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.02 min
 Lab File: BF112395.D
 Acq: 5 Feb 2019 14:36

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	30.5	45.7
170	24.1	20.2	30.4

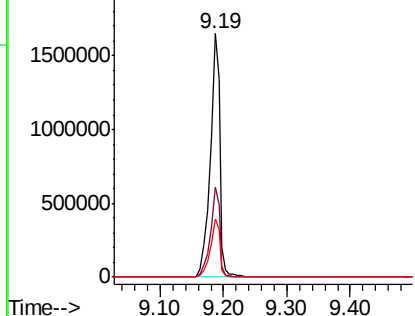
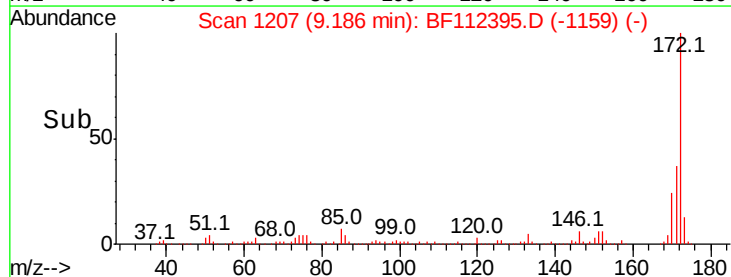


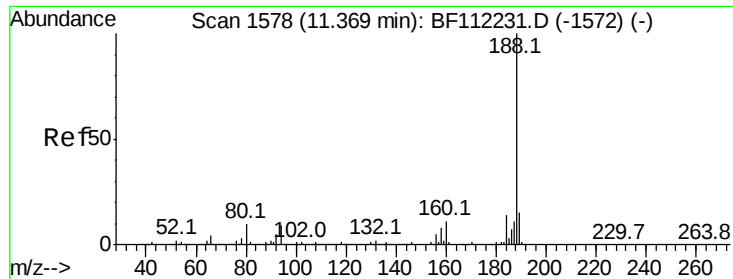
Abundance

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

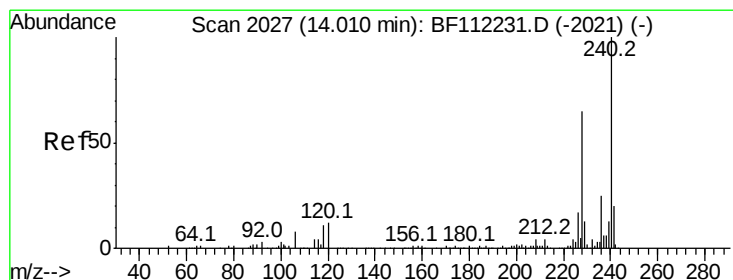
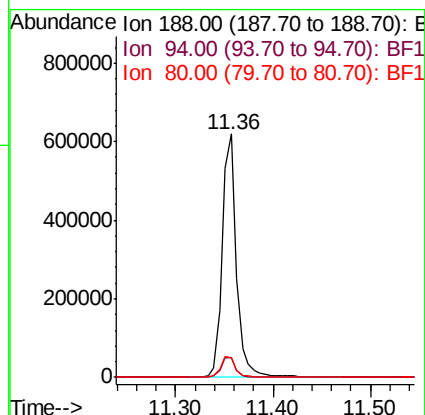
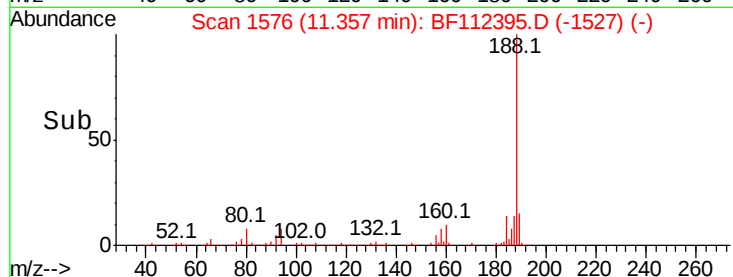
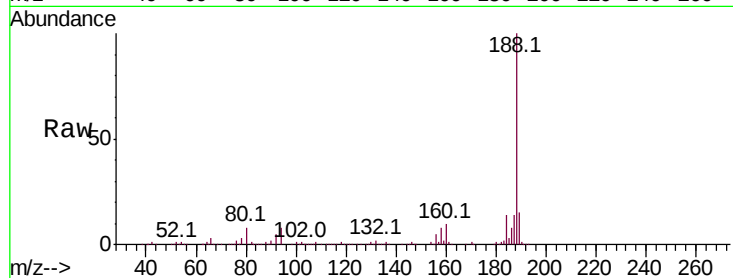




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF112395.D
Acq: 5 Feb 2019 14:36

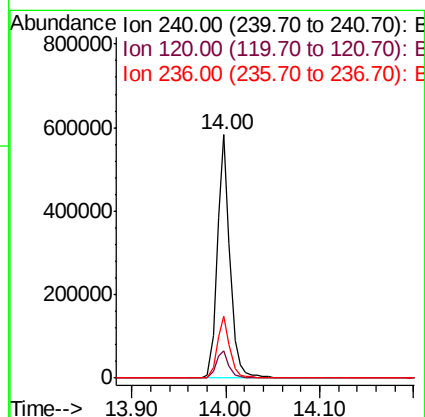
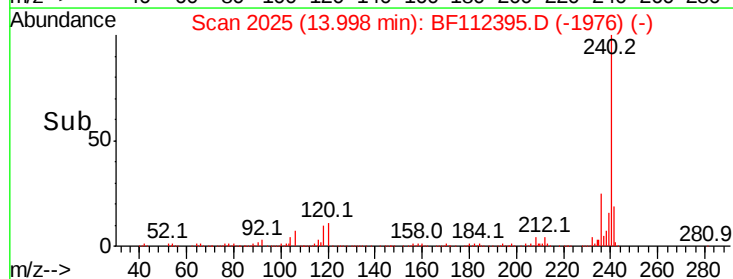
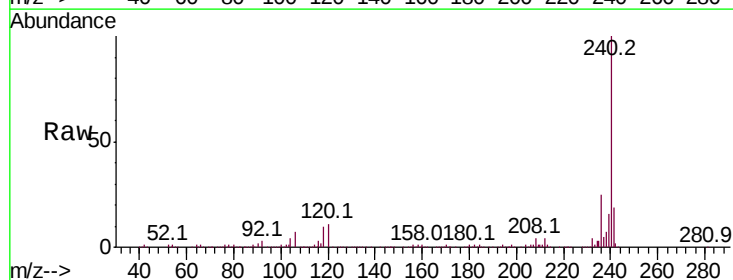
Instrument :
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ClientSampleId :
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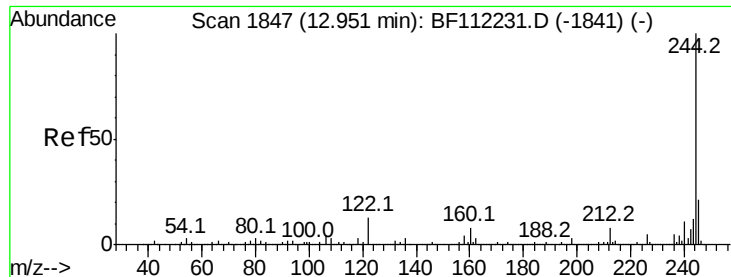
Tot Ion:188 Resp: 626673
Ion Ratio Lower Upper
188 100
94 8.0 8.2 12.2#
80 8.1 8.9 13.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF112395.D
Acq: 5 Feb 2019 14:36

Tgt Ion:240 Resp: 553642
Ion Ratio Lower Upper
240 100
120 11.0 9.0 13.6
236 25.3 20.7 31.1

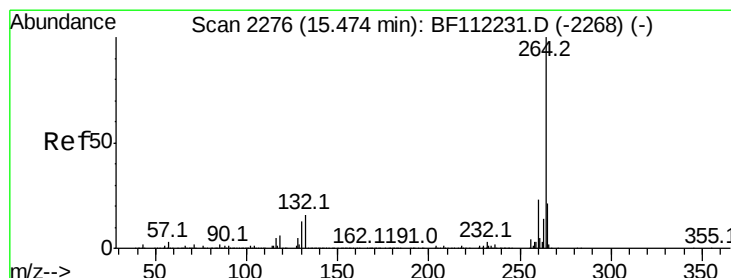
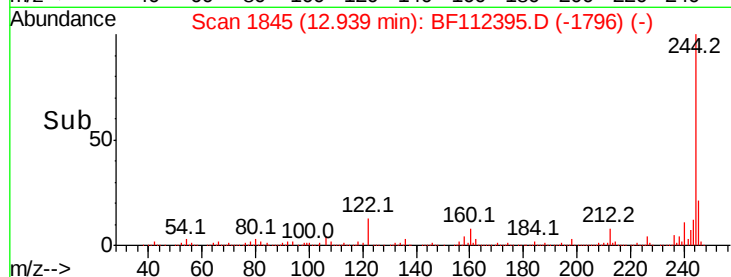
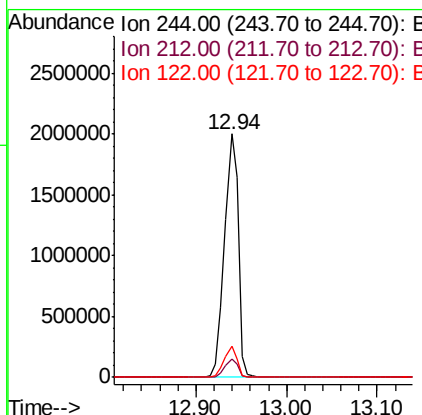
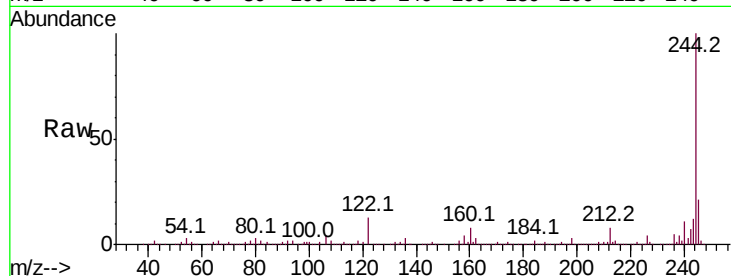




#79
 Terphenyl-d14
 Concen: 70.770 ng
 RT: 12.94 min Scan# 1845
 Delta R.T. -0.01 min
 Lab File: BF112395.D
 Acq: 5 Feb 2019 14:36

Instrument :
 BNA_F
 ClientSampleId :
 PB116831BL

Tot Ion:244 Resp: 2080300
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.9 8.9
 122 12.6 9.8 14.6



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.46 min Scan# 2274
 Delta R.T. -0.01 min
 Lab File: BF112395.D
 Acq: 5 Feb 2019 14:36

Tgt Ion:264 Resp: 480080
 Ion Ratio Lower Upper
 264 100
 260 22.9 18.2 27.2
 265 21.5 17.0 25.4

