

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022519\
 Data File : BF112700.D
 Acq On : 25 Feb 2019 18:46
 Operator : JU/SJ
 Sample : K1596-02 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-14

Quant Time: Feb 26 00:23:21 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

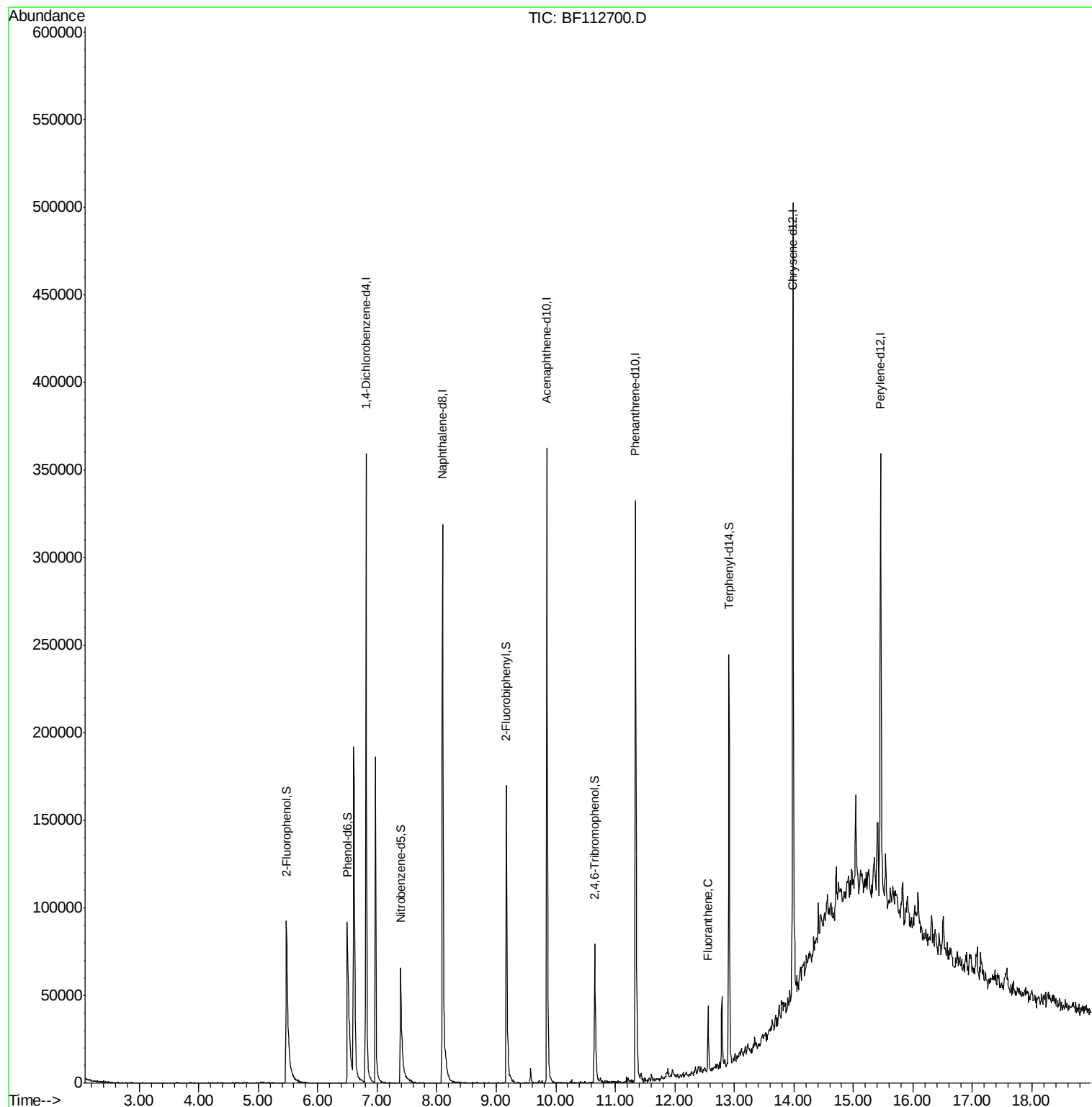
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	59862	20.00	ng	-0.03
21) Naphthalene-d8	8.10	136	219718	20.00	ng	-0.03
39) Acenaphthene-d10	9.85	164	88856	20.00	ng	-0.04
64) Phenanthrene-d10	11.34	188	159101	20.00	ng	-0.03
76) Chrysene-d12	13.98	240	172350	20.00	ng	-0.03
87) Perylene-d12	15.46	264	132044	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	64083	22.74	ng	0.00
7) Phenol-d6	6.50	99	87134	22.25	ng	0.00
23) Nitrobenzene-d5	7.39	82	49639	13.02	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	16858	16.30	ng	-0.02
45) 2-Fluorobiphenyl	9.17	172	83298	13.26	ng	-0.04
79) Terphenyl-d14	12.91	244	78974	8.63	ng	-0.04
Target Compounds						
75) Fluoranthene	12.56	202	19190	2.163	ng	Qvalue 94

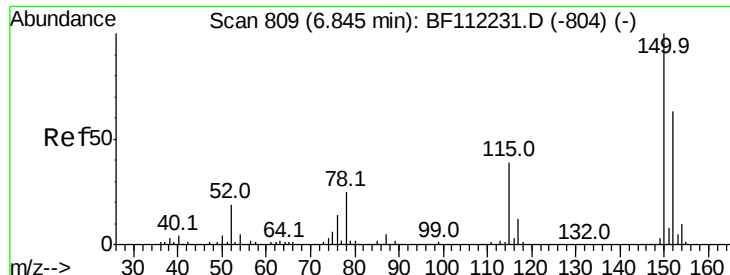
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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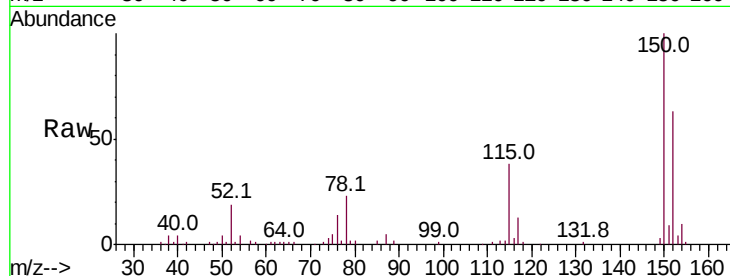


#1

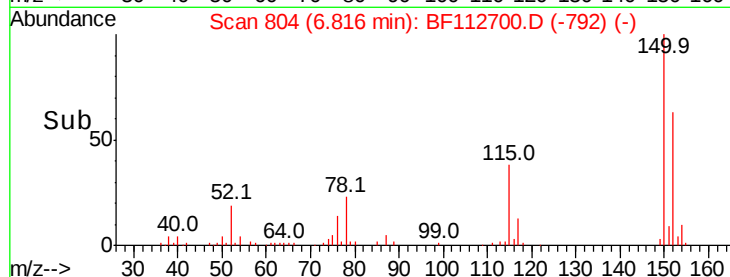
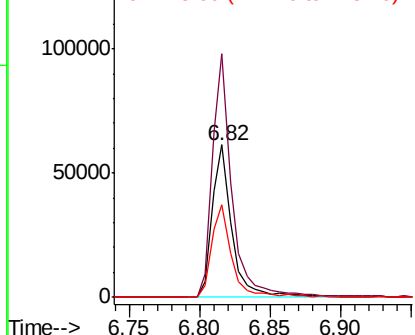
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.03 min
Lab File: BF112700.D
Acq: 25 Feb 2019 18:46

Instrument :
BNA_F
ClientSampleId :
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Tot Ion:152 Resp: 59862
Ion Ratio Lower Upper
152 100
150 159.8 127.4 191.0
115 60.8 45.5 68.3



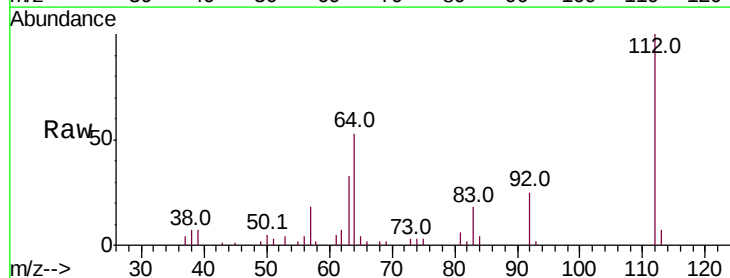
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



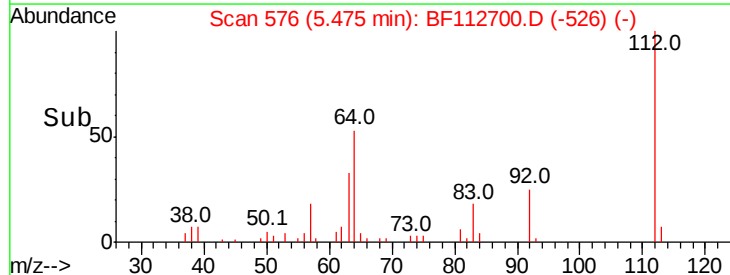
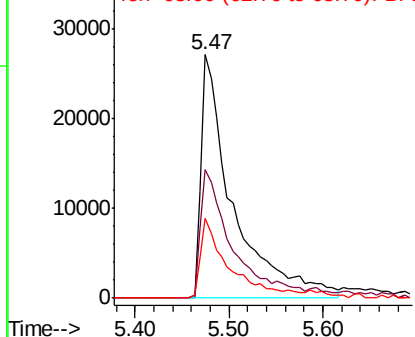
#5

2-Fluorophenol
Concen: 22.738 ng
RT: 5.47 min Scan# 576
Delta R.T. -0.01 min
Lab File: BF112700.D
Acq: 25 Feb 2019 18:46

Tgt Ion:112 Resp: 64083
Ion Ratio Lower Upper
112 100
64 52.6 45.7 68.5
63 32.7 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: 22.250 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.01 min

Lab File: BF112700.D

Acq: 25 Feb 2019 18:46

Instrument :

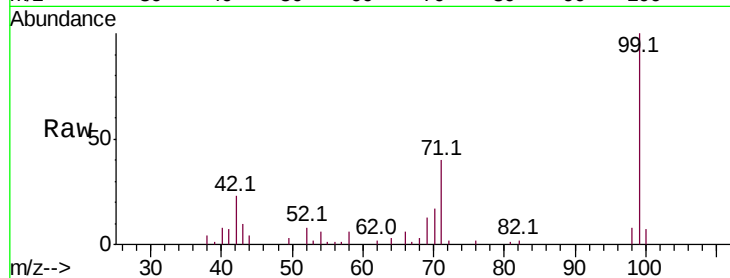
BNA_F

ClientSampleId :

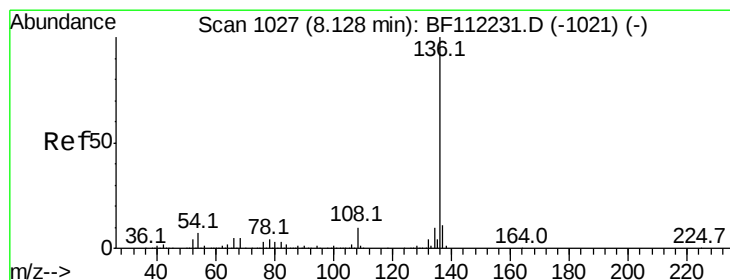
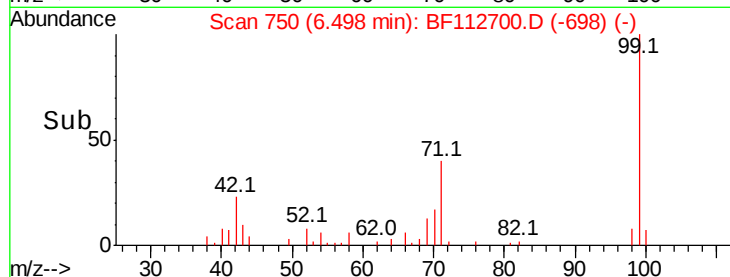
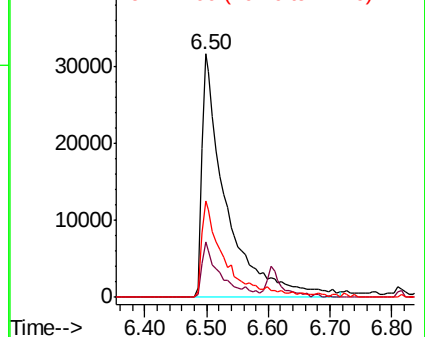
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Tot Ion: 99 Resp: 87134

Ion	Ratio	Lower	Upper
99	100		
42	22.7	15.1	22.7#
71	39.9	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: 8.10 min Scan# 1022

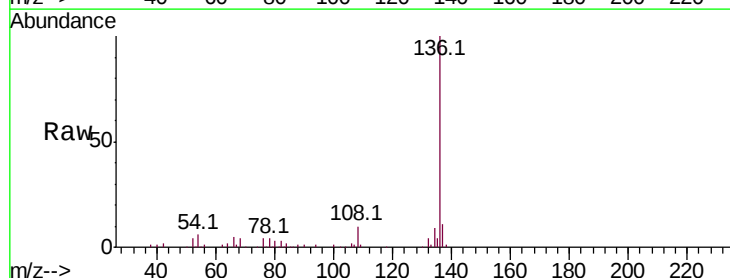
Delta R.T. -0.03 min

Lab File: BF112700.D

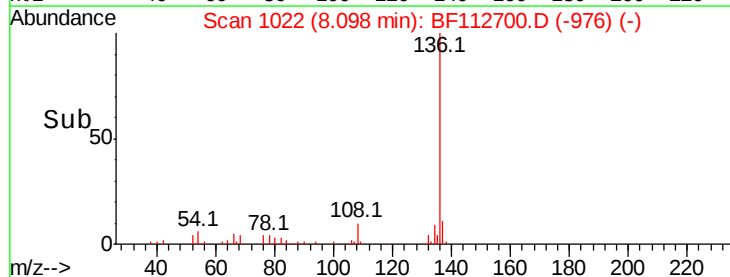
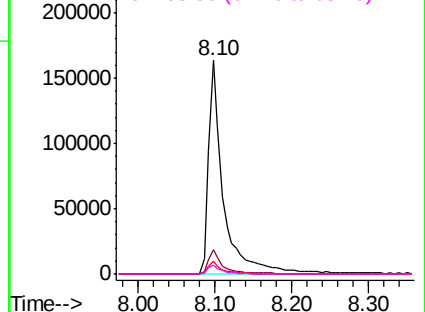
Acq: 25 Feb 2019 18:46

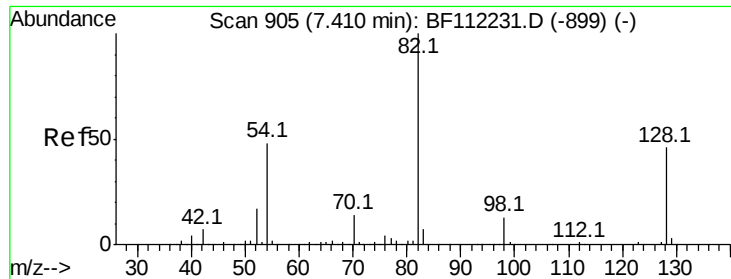
Tgt Ion: 136 Resp: 219718

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	5.8	5.9	8.9#
68	4.2	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

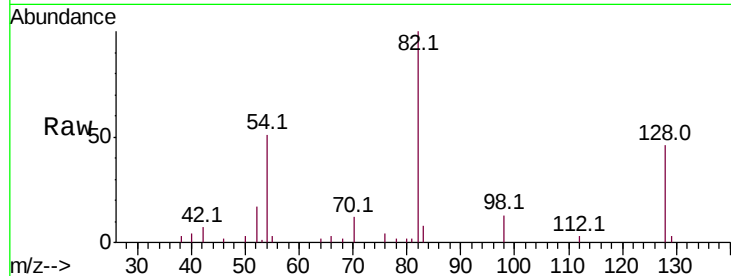




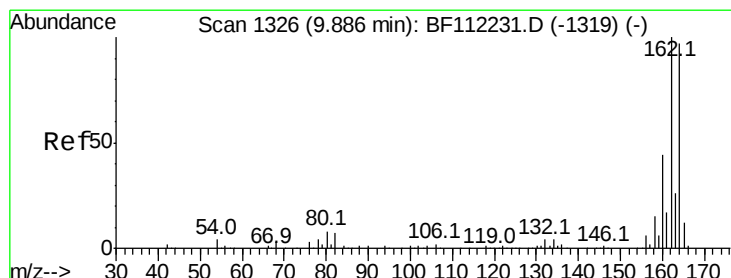
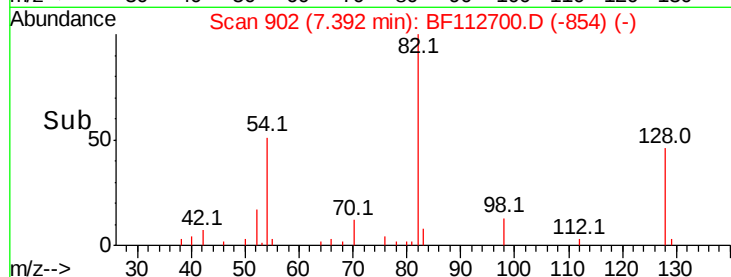
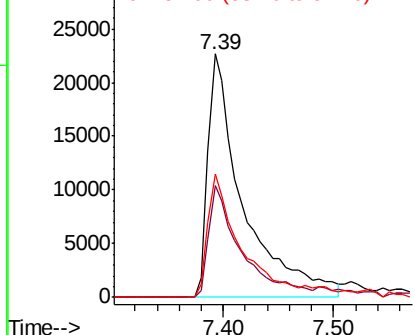
#23
Nitrobenzene-d5
Concen: 13.018 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.02 min
Lab File: BF112700.D
Acq: 25 Feb 2019 18:46

Instrument :
BNA_F
ClientSampleId :
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Tot Ion: 82 Resp: 49639
Ion Ratio Lower Upper
82 100
128 46.1 37.8 56.8
54 50.6 39.7 59.5

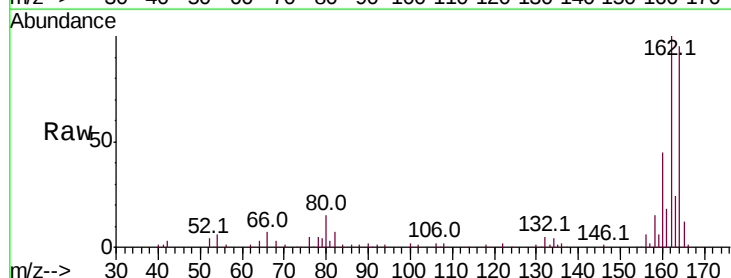


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

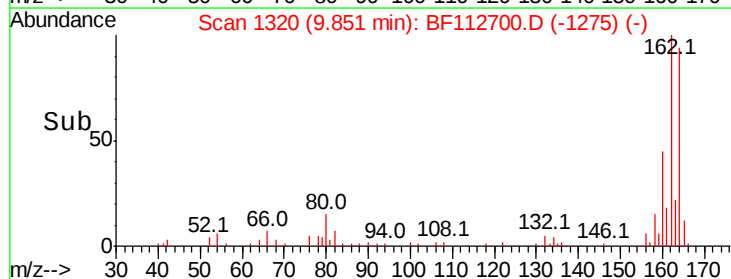
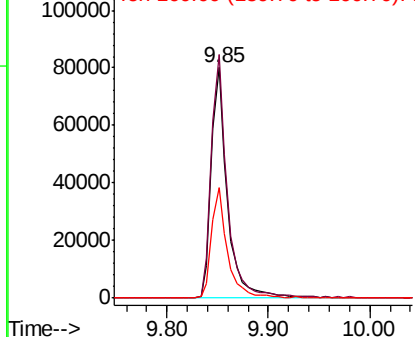


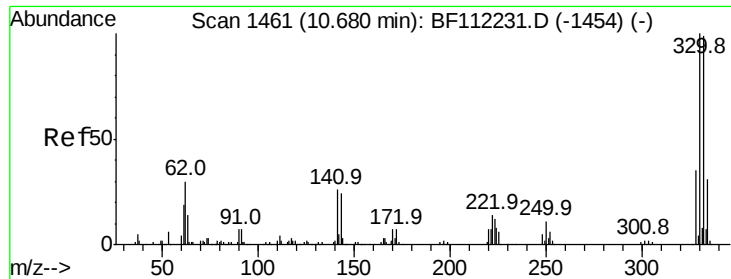
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.04 min
Lab File: BF112700.D
Acq: 25 Feb 2019 18:46

Tgt Ion: 164 Resp: 88856
Ion Ratio Lower Upper
164 100
162 105.7 82.2 123.4
160 47.9 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

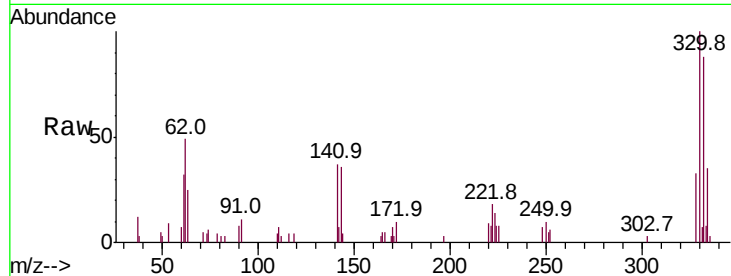




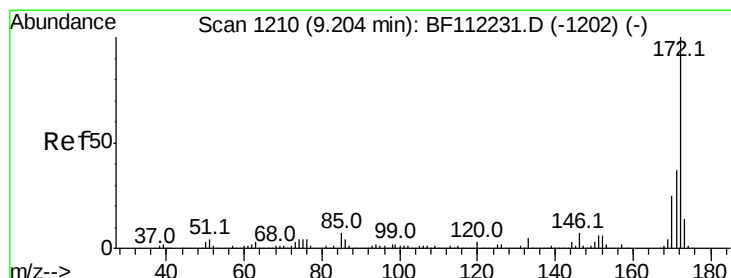
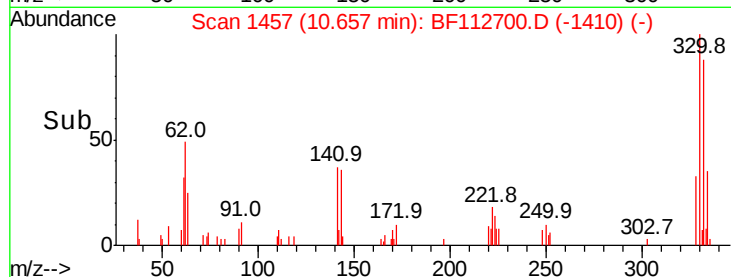
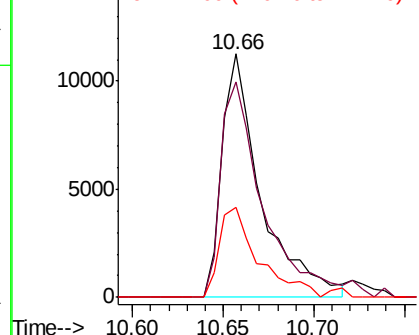
#42
 2,4,6-Tribromophenol
 Concen: 16.300 ng
 RT: 10.66 min Scan# 1457
 Delta R.T. -0.02 min
 Lab File: BF112700.D
 Acq: 25 Feb 2019 18:46

Instrument :
 BNA_F
 ClientSampleId :
 COMP-14

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.4	76.6	114.8
141	37.2	24.3	36.5#

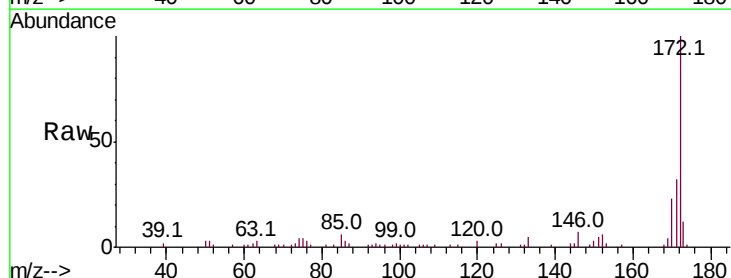


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

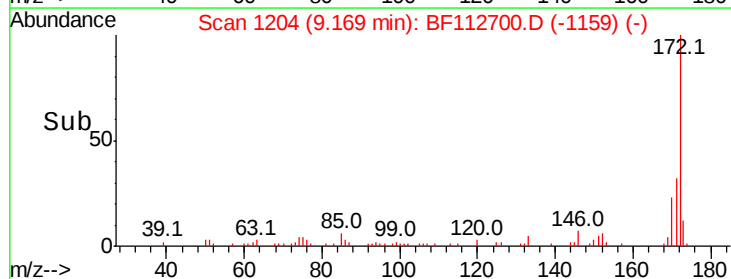
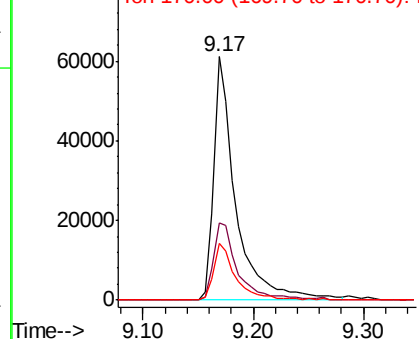


#45
 2-Fluorobiphenyl
 Concen: 13.259 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.04 min
 Lab File: BF112700.D
 Acq: 25 Feb 2019 18:46

Tgt Ion	Ratio	Lower	Upper
172	100		
171	31.8	30.5	45.7
170	23.2	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: BF112700.D

Acq: 25 Feb 2019 18:46

Instrument :

BNA_F

ClientSampleId :

COMP-14

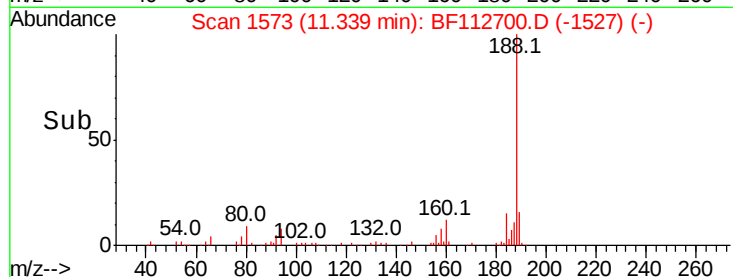
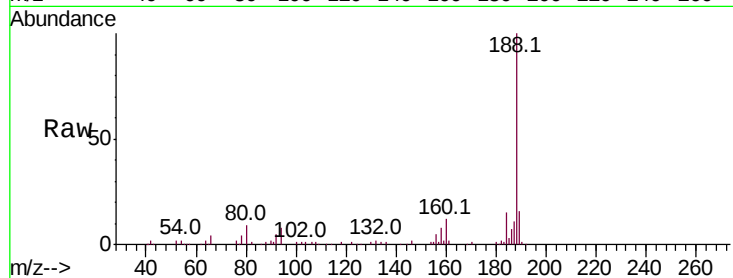
Tot Ion:188 Resp: 159101

Ion Ratio Lower Upper

188 100

94 8.4 8.2 12.2

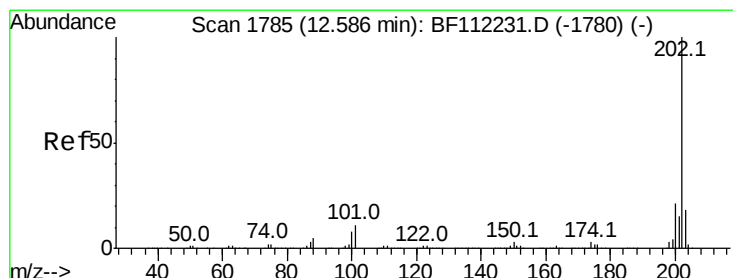
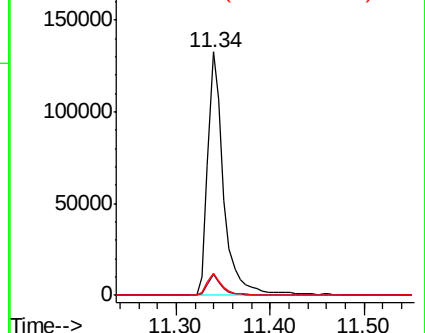
80 9.3 8.9 13.3



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#75

Fluoranthene

Concen: 2.163 ng

RT: 12.56 min Scan# 1781

Delta R.T. -0.02 min

Lab File: BF112700.D

Acq: 25 Feb 2019 18:46

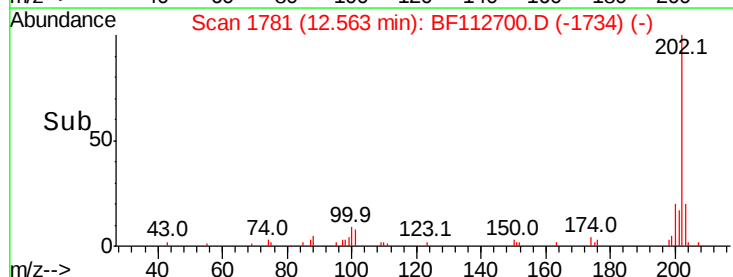
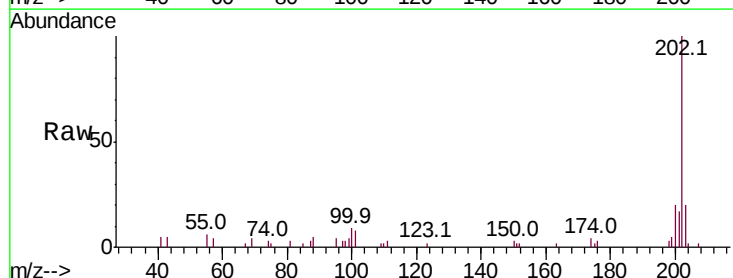
Tgt Ion:202 Resp: 19190

Ion Ratio Lower Upper

202 100

101 8.3 0.0 31.8

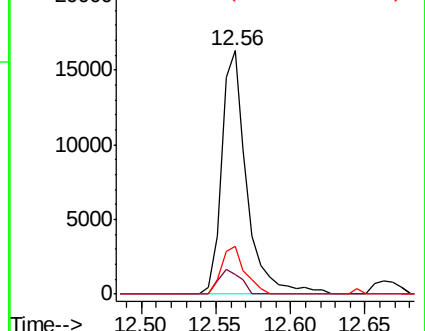
203 19.9 0.0 38.4

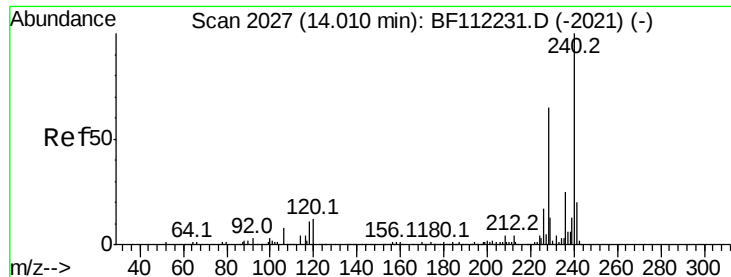


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

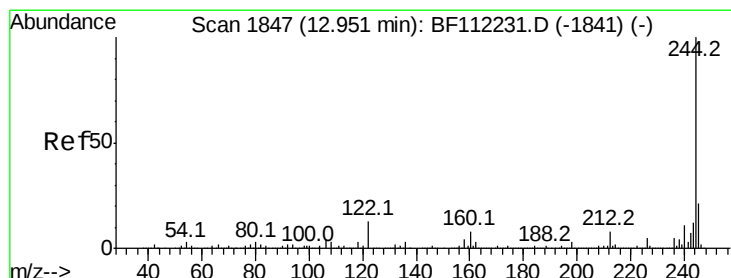
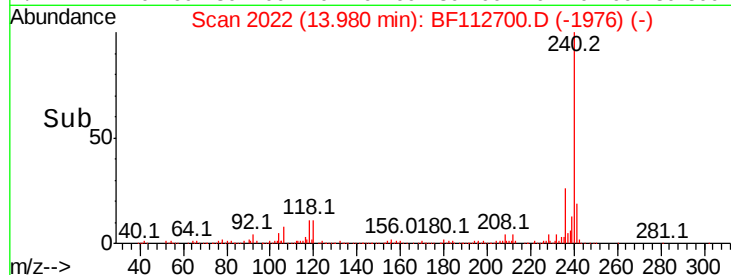
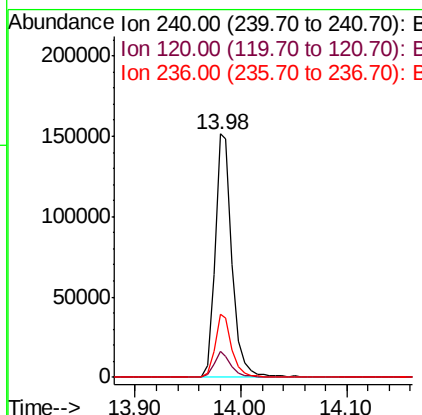
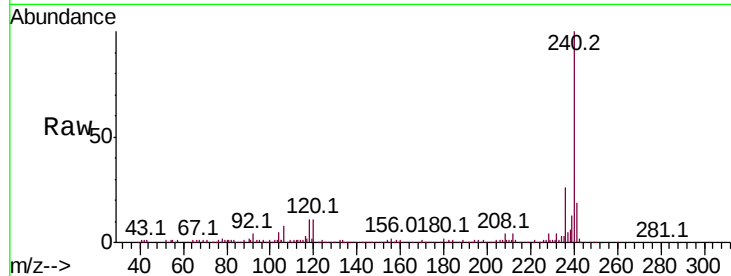




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.03 min
Lab File: BF112700.D
Acq: 25 Feb 2019 18:46

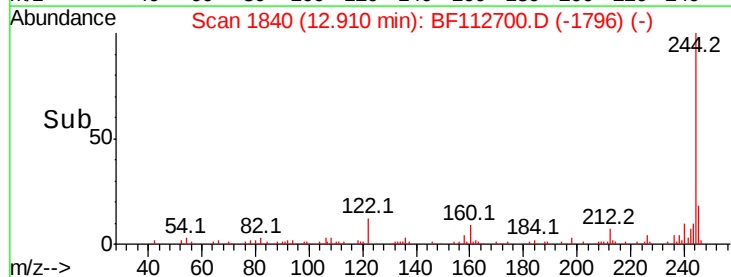
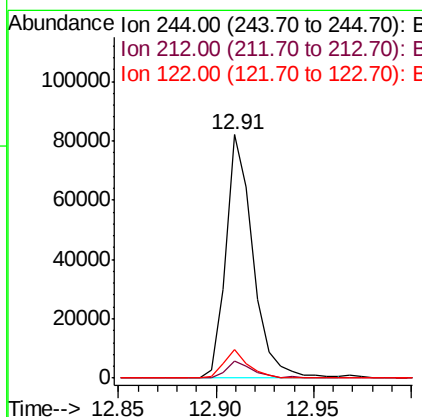
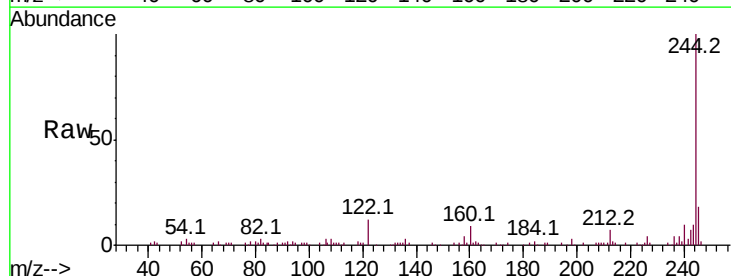
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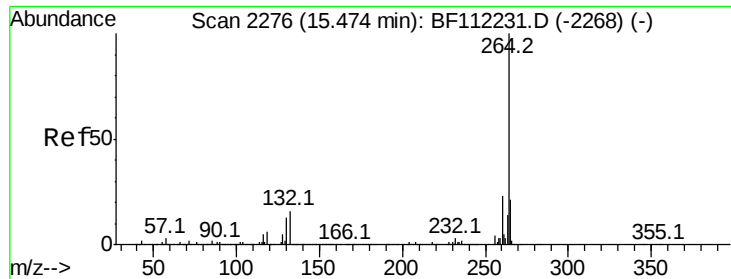
Tot Ion:240 Resp: 172350
Ion Ratio Lower Upper
240 100
120 10.7 9.0 13.6
236 25.8 20.7 31.1



#79
Terphenyl-d14
Concen: 8.630 ng
RT: 12.91 min Scan# 1840
Delta R.T. -0.04 min
Lab File: BF112700.D
Acq: 25 Feb 2019 18:46

Tgt Ion:244 Resp: 78974
Ion Ratio Lower Upper
244 100
212 7.0 5.9 8.9
122 11.9 9.8 14.6





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2273
Delta R.T. -0.02 min
Lab File: BF112700.D
Acq: 25 Feb 2019 18:46

Instrument :
BNA_F
ClientSampleId :
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Tot Ion:264 Resp: 132044

Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.2	27.2
265	21.8	17.0	25.4

