

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022519\
 Data File : BF112704.D
 Acq On : 25 Feb 2019 21:01
 Operator : JU/SJ
 Sample : K1595-08RE
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-MH-C02RE

Quant Time: Feb 26 00:32:08 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	39574	20.00	ng	-0.03
21) Naphthalene-d8	8.10	136	151862	20.00	ng	-0.03
39) Acenaphthene-d10	9.85	164	74489	20.00	ng	-0.04
64) Phenanthrene-d10	11.34	188	142637	20.00	ng	-0.03
76) Chrysene-d12	13.99	240	111892	20.00	ng	-0.02
87) Perylene-d12	15.46	264	95630	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	287344	154.23	ng	-0.02
7) Phenol-d6	6.48	99	330975	127.84	ng	-0.01
23) Nitrobenzene-d5	7.38	82	260827	98.96	ng	-0.03
42) 2,4,6-Tribromophenol	10.64	330	131639	151.83	ng	-0.04
45) 2-Fluorobiphenyl	9.17	172	540777	102.68	ng	-0.04
79) Terphenyl-d14	12.92	244	610438	102.75	ng	-0.04

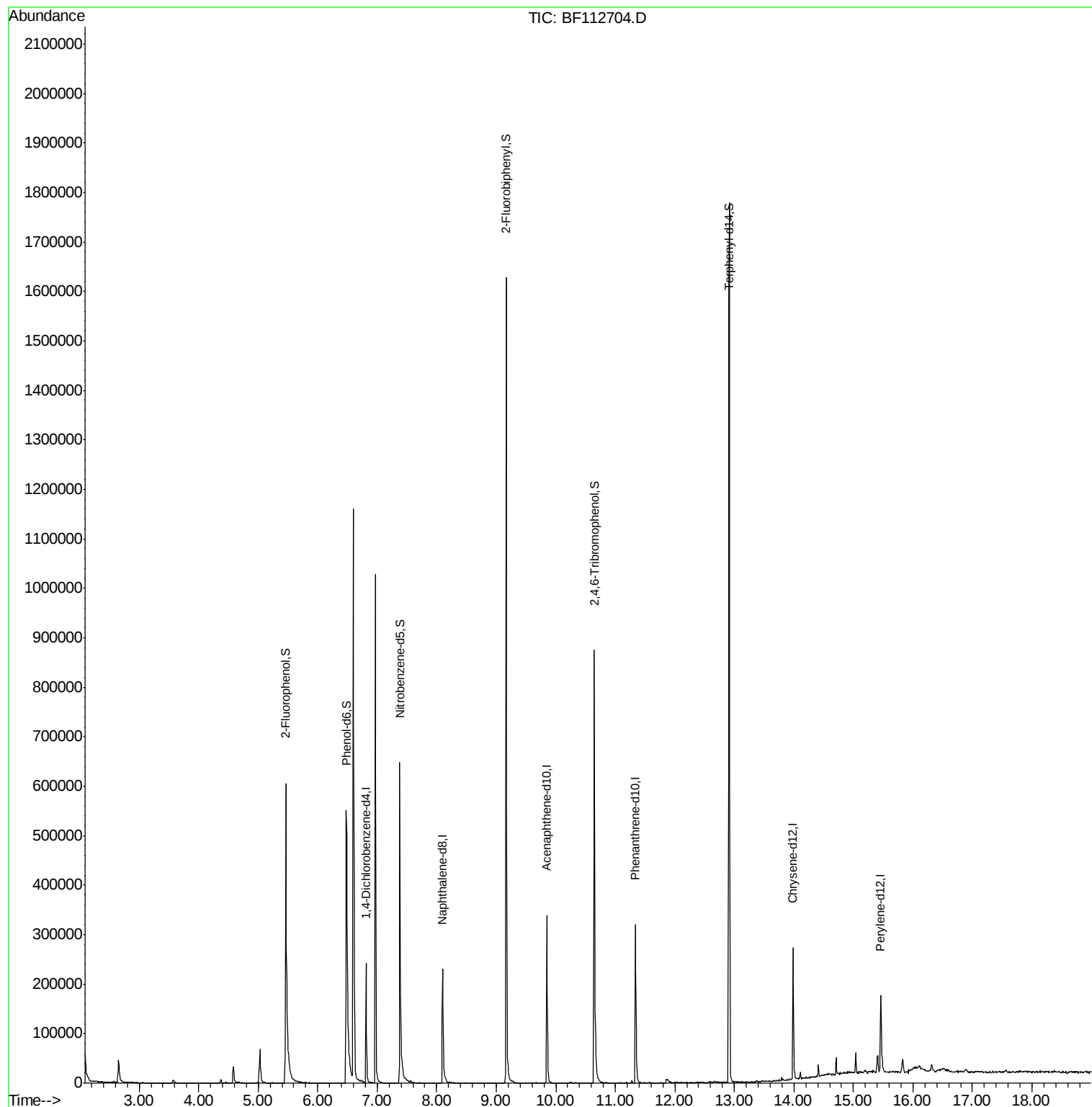
Target Compounds Qvalue

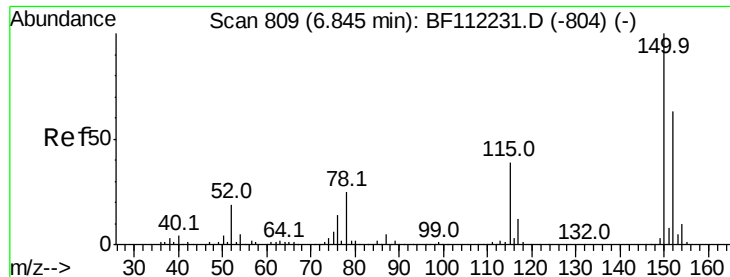
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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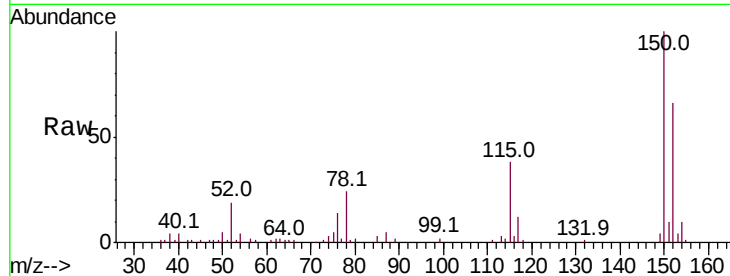


#1

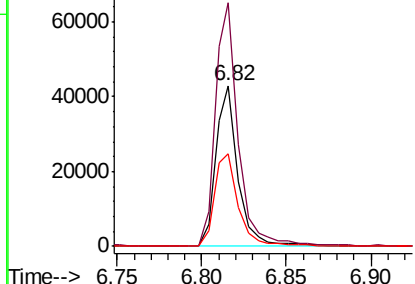
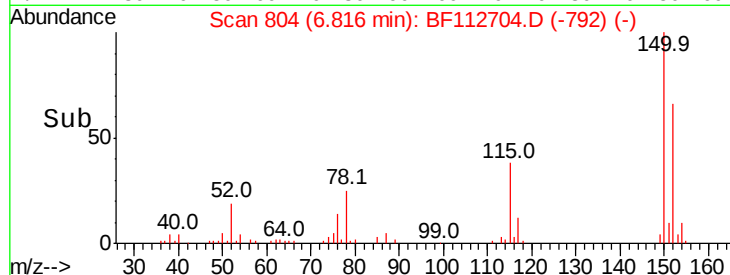
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.03 min
Lab File: BF112704.D
Acq: 25 Feb 2019 21:01

Instrument :
BNA_F
ClientSampleId :
TP-MH-C02RE

Tot Ion:152 Resp: 39574
Ion Ratio Lower Upper
152 100
150 151.5 127.4 191.0
115 57.4 45.5 68.3



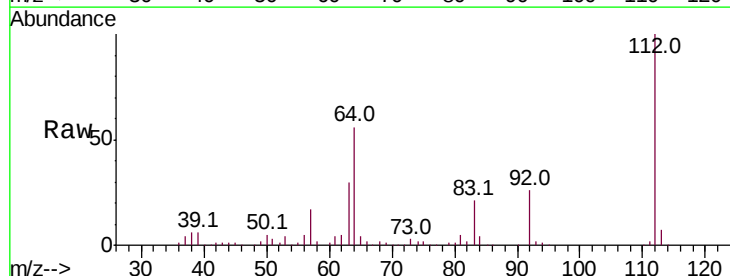
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



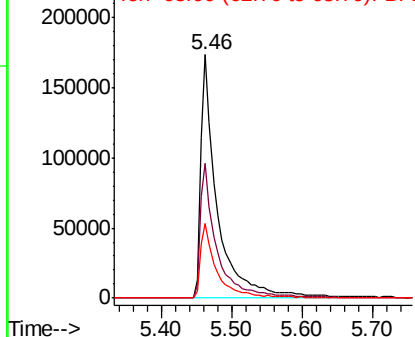
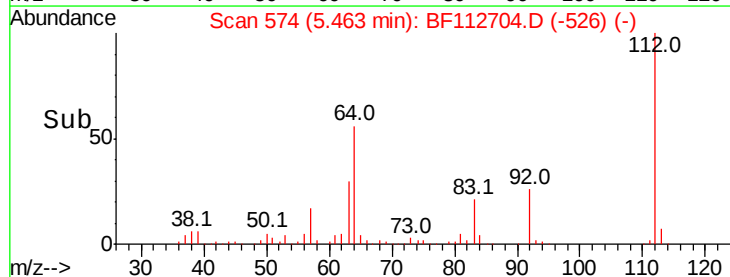
#5

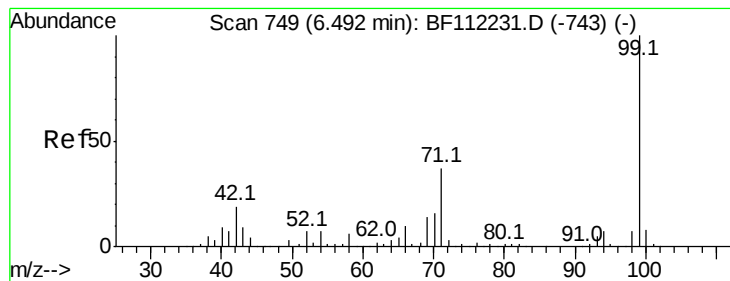
2-Fluorophenol
Concen: 154.227 ng
RT: 5.46 min Scan# 574
Delta R.T. -0.02 min
Lab File: BF112704.D
Acq: 25 Feb 2019 21:01

Tgt Ion:112 Resp: 287344
Ion Ratio Lower Upper
112 100
64 55.6 45.7 68.5
63 30.4 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: 127.843 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF112704.D

Acq: 25 Feb 2019 21:01

Instrument :

BNA_F

ClientSampleId :

TP-MH-C02RE

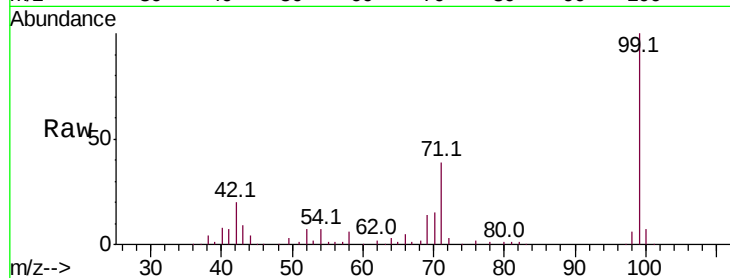
Tot Ion: 99 Resp: 330975

Ion Ratio Lower Upper

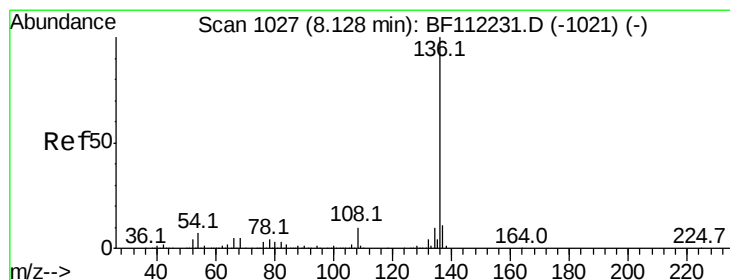
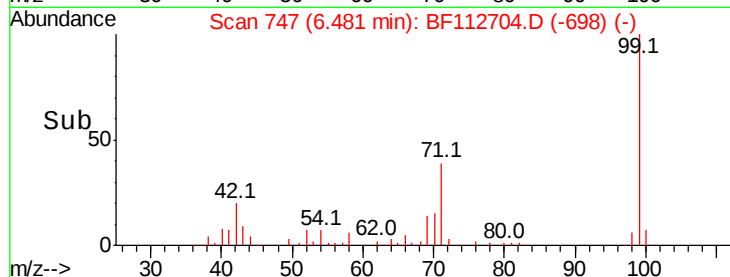
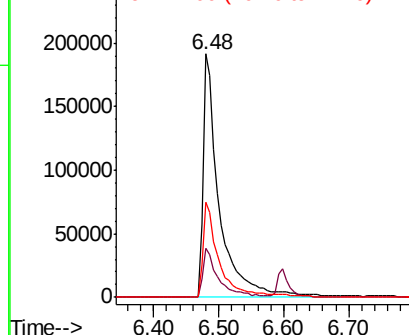
99 100

42 20.0 15.1 22.7

71 39.0 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: BF112704.D

Acq: 25 Feb 2019 21:01

Tgt Ion: 136 Resp: 151862

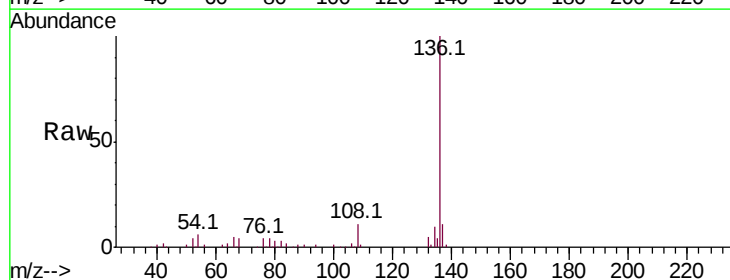
Ion Ratio Lower Upper

136 100

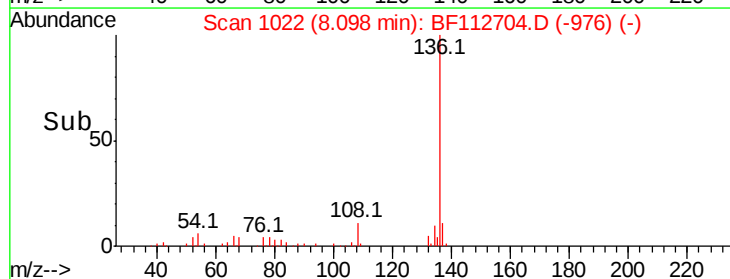
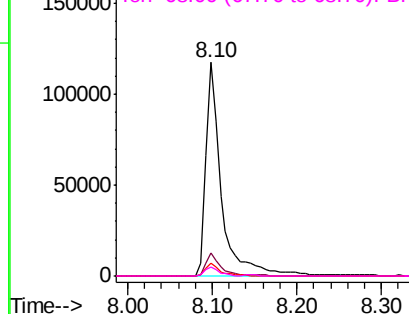
137 11.0 9.1 13.7

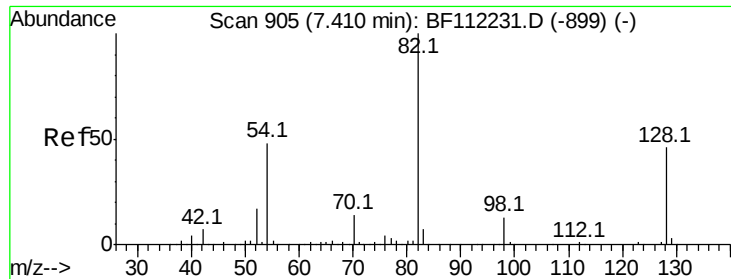
54 6.1 5.9 8.9

68 4.0 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

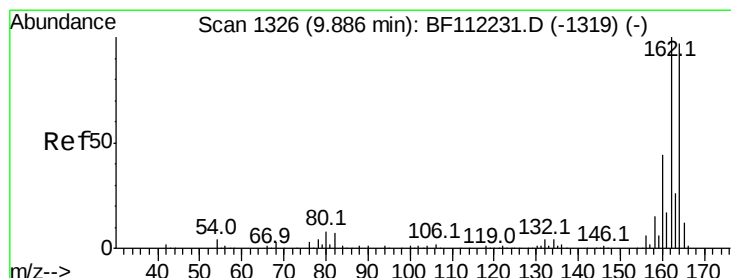
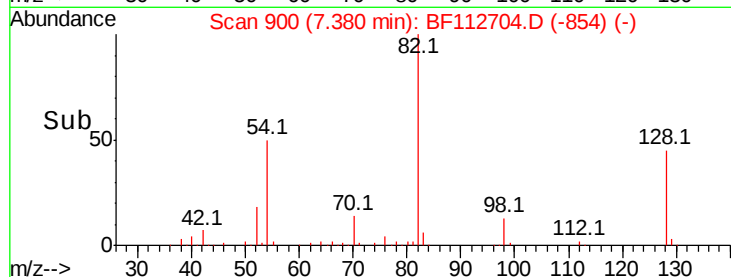
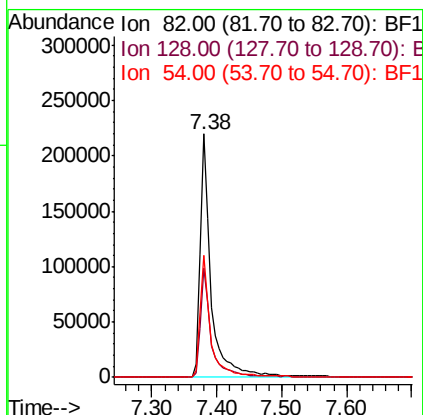
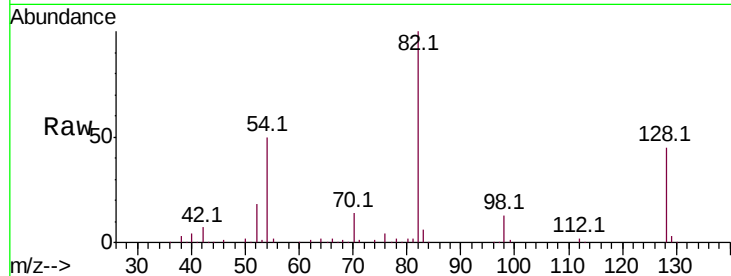




#23
 Nitrobenzene-d5
 Concen: 98.964 ng
 RT: 7.38 min Scan# 900
 Delta R.T. -0.03 min
 Lab File: BF112704.D
 Acq: 25 Feb 2019 21:01

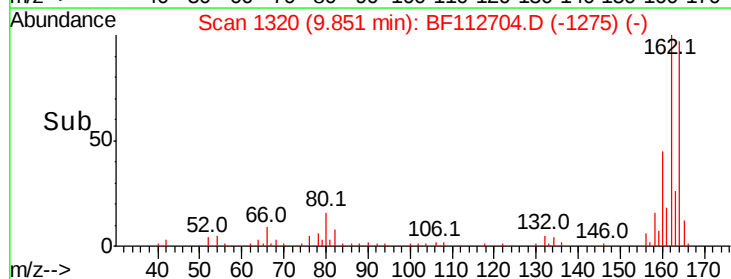
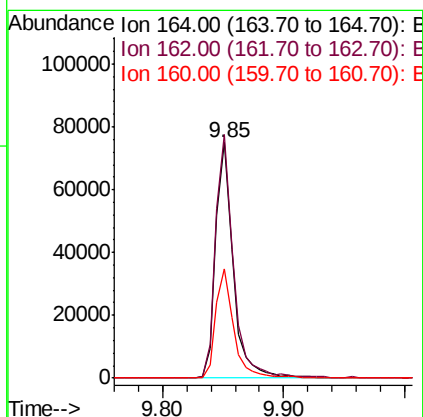
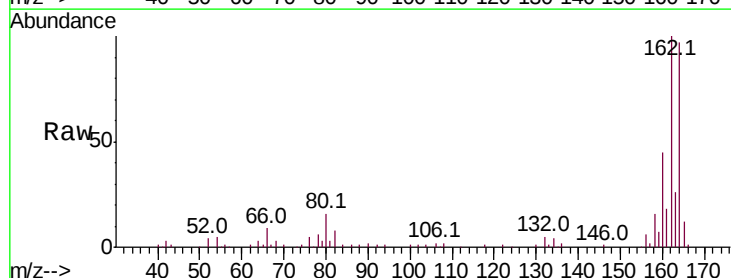
Instrument :
 BNA_F
 ClientSampleId :
 TP-MH-C02RE

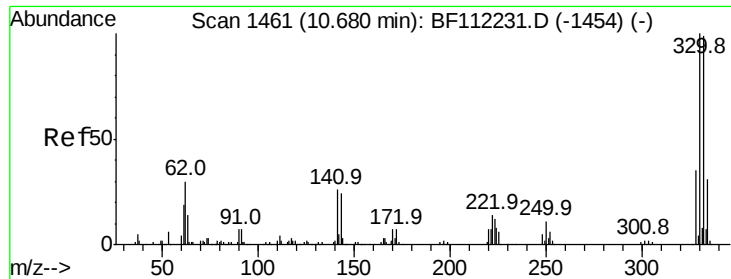
Tot Ion: 82 Resp: 260827
 Ion Ratio Lower Upper
 82 100
 128 45.0 37.8 56.8
 54 49.9 39.7 59.5



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.04 min
 Lab File: BF112704.D
 Acq: 25 Feb 2019 21:01

Tgt Ion: 164 Resp: 74489
 Ion Ratio Lower Upper
 164 100
 162 103.3 82.2 123.4
 160 46.6 36.2 54.4

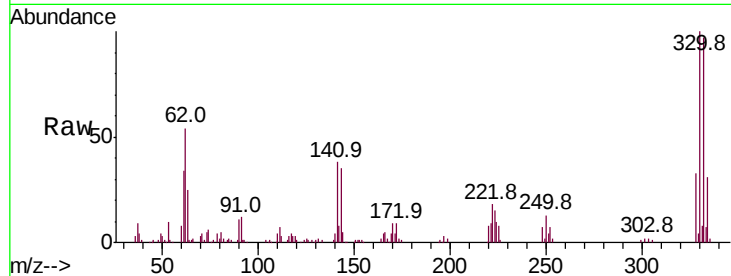




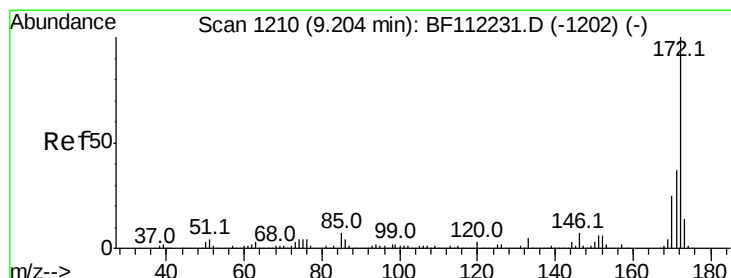
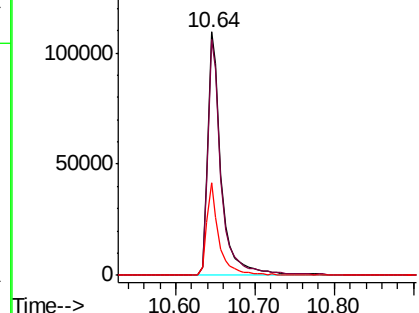
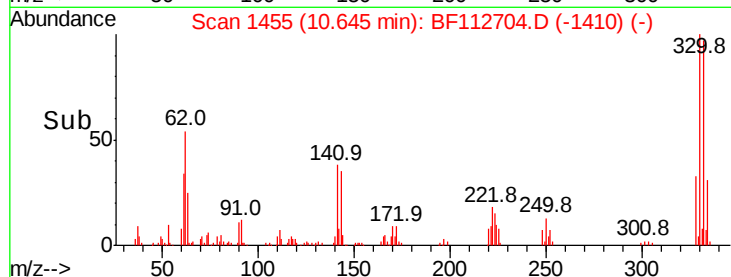
#42
 2,4,6-Tribromophenol
 Concen: 151.827 ng
 RT: 10.64 min Scan# 1455
 Delta R.T. -0.04 min
 Lab File: BF112704.D
 Acq: 25 Feb 2019 21:01

Instrument :
 BNA_F
 ClientSampleId :
 TP-MH-C02RE

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	76.6	114.8
141	34.7	24.3	36.5

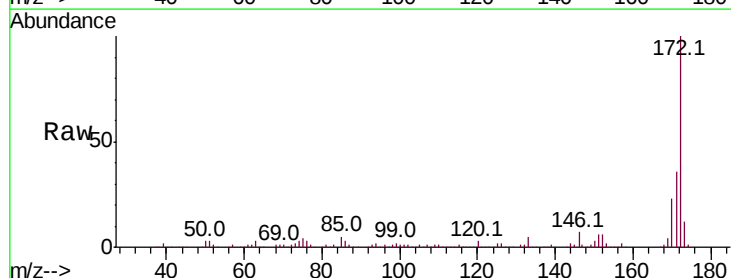


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

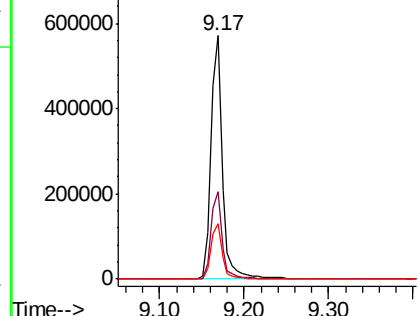
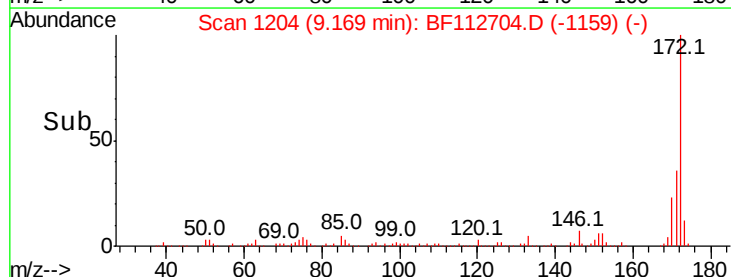


#45
 2-Fluorobiphenyl
 Concen: 102.678 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.04 min
 Lab File: BF112704.D
 Acq: 25 Feb 2019 21:01

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	30.5	45.7
170	22.8	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

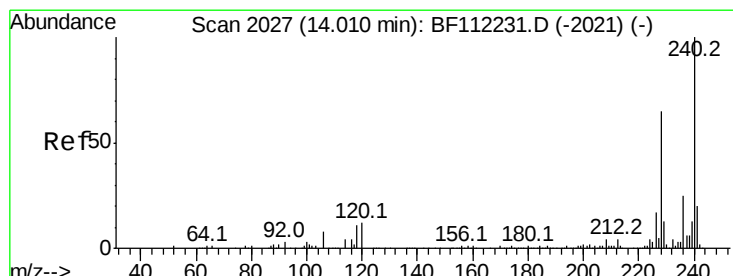
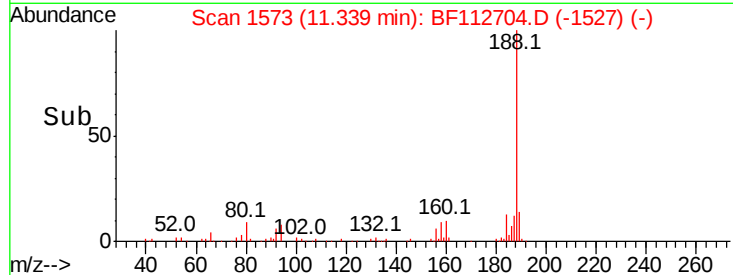
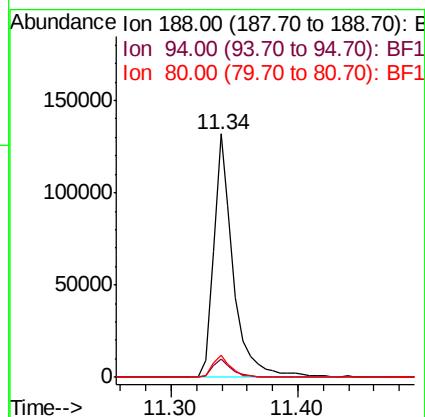
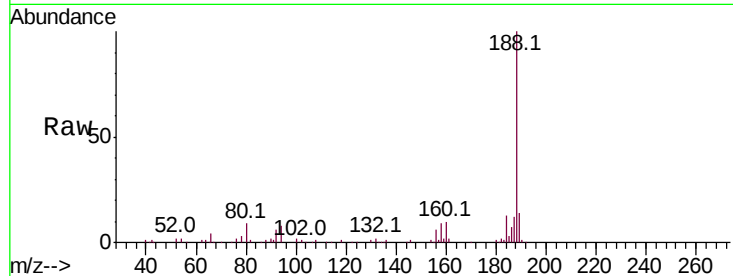




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.03 min
Lab File: BF112704.D
Acq: 25 Feb 2019 21:01

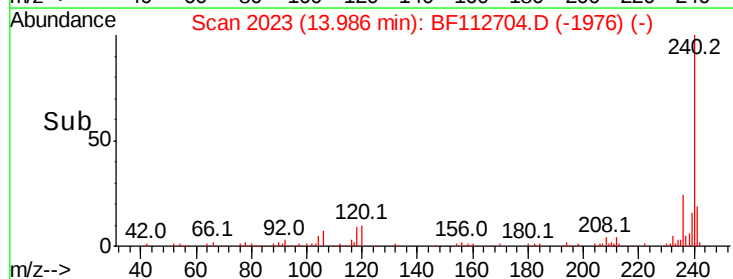
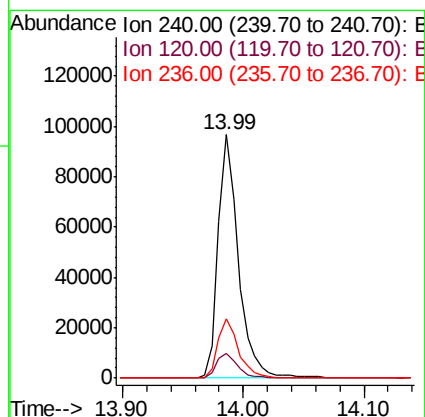
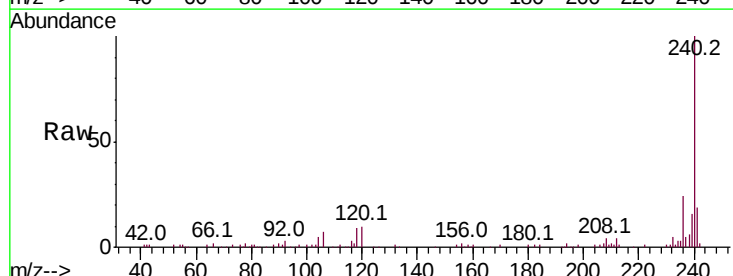
Instrument :
BNA_F
ClientSampleId :
TP-MH-C02RE

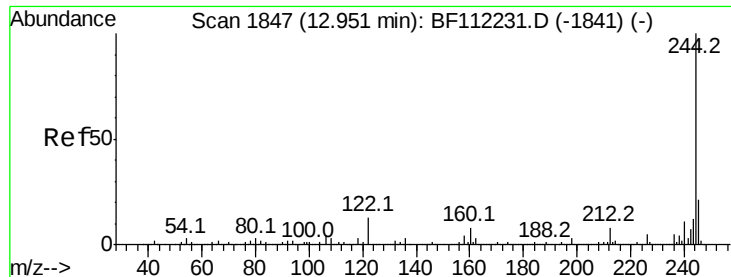
Tot Ion:188 Resp: 142637
Ion Ratio Lower Upper
188 100
94 7.6 8.2 12.2#
80 8.9 8.9 13.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.02 min
Lab File: BF112704.D
Acq: 25 Feb 2019 21:01

Tgt Ion:240 Resp: 111892
Ion Ratio Lower Upper
240 100
120 10.0 9.0 13.6
236 24.2 20.7 31.1





#79

Terphenyl-d14

Concen: 102.753 ng

RT: 12.92 min Scan# 1841

Delta R.T. -0.04 min

Lab File: BF112704.D

Acq: 25 Feb 2019 21:01

Instrument :

BNA_F

ClientSampleId :

TP-MH-C02RE

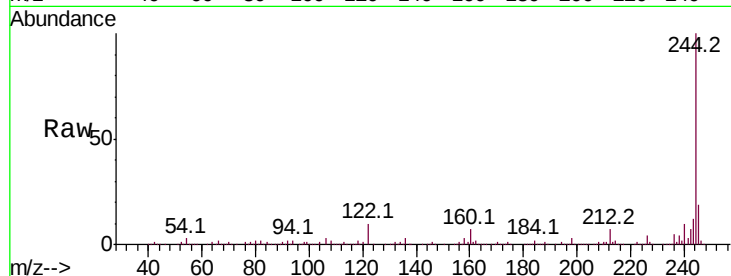
Tot Ion:244 Resp: 610438

Ion Ratio Lower Upper

244 100

212 6.8 5.9 8.9

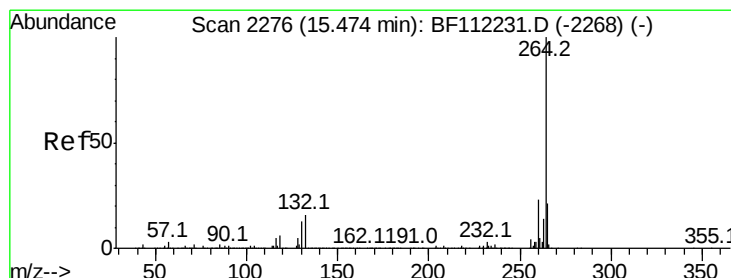
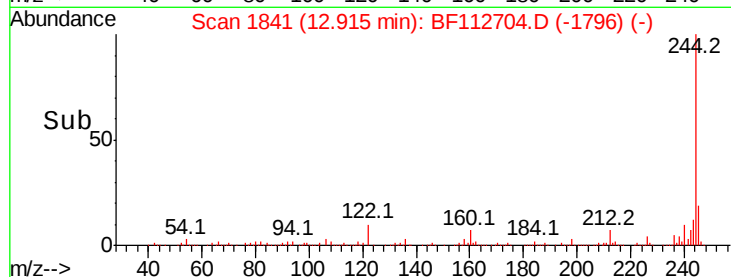
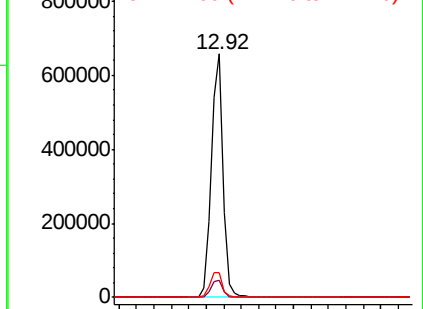
122 10.3 9.8 14.6



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: 15.46 min Scan# 2273

Delta R.T. -0.02 min

Lab File: BF112704.D

Acq: 25 Feb 2019 21:01

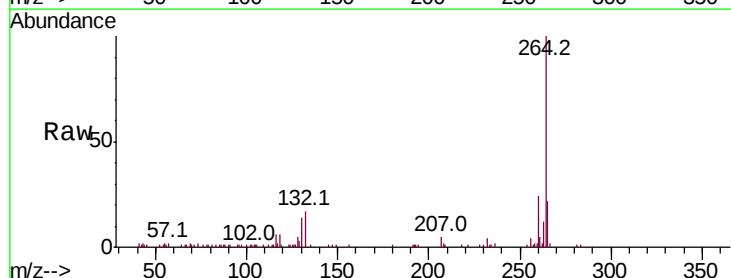
Tgt Ion:264 Resp: 95630

Ion Ratio Lower Upper

264 100

260 23.6 18.2 27.2

265 22.1 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

