

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022519\
 Data File : BF112693.D
 Acq On : 25 Feb 2019 15:36
 Operator : JU/SJ
 Sample : K1595-08
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-MH-C02

Quant Time: Feb 26 00:10:49 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	47974	20.00	ng	-0.03
21) Naphthalene-d8	8.10	136	183365	20.00	ng	-0.03
39) Acenaphthene-d10	9.85	164	86677	20.00	ng	-0.04
64) Phenanthrene-d10	11.34	188	153631	20.00	ng	-0.03
76) Chrysene-d12	13.99	240	113768	20.00	ng	-0.02
87) Perylene-d12	15.46	264	103580	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	349407	154.70	ng	-0.01
7) Phenol-d6	6.49	99	407049	129.70	ng	0.00
23) Nitrobenzene-d5	7.38	82	312594	98.23	ng	-0.03
42) 2,4,6-Tribromophenol	10.65	330	139767	138.53	ng	-0.04
45) 2-Fluorobiphenyl	9.17	172	637884	104.09	ng	-0.04
79) Terphenyl-d14	12.91	244	590360	97.73	ng	-0.04

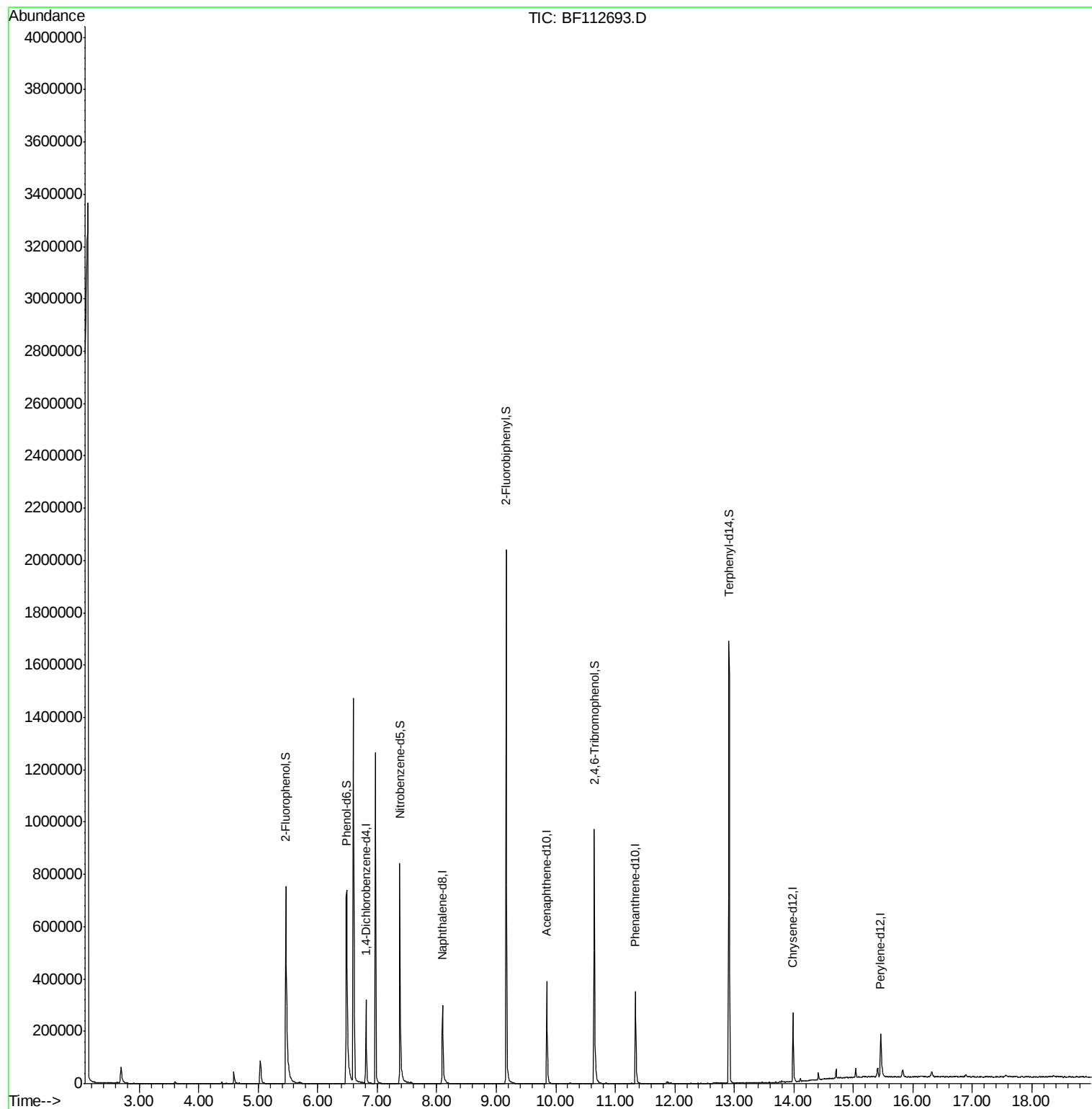
Target Compounds Qvalue

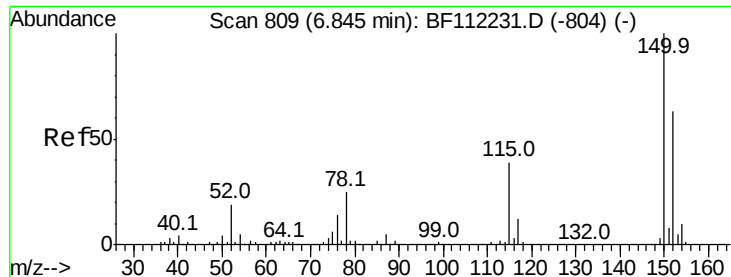
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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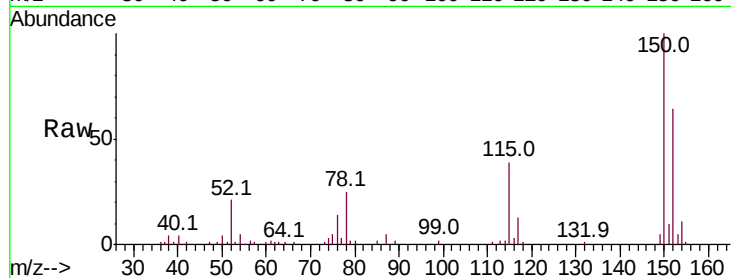


#1

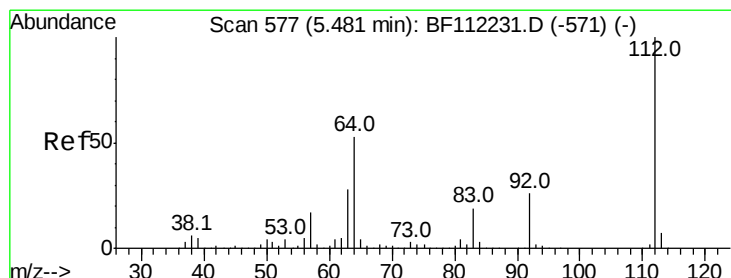
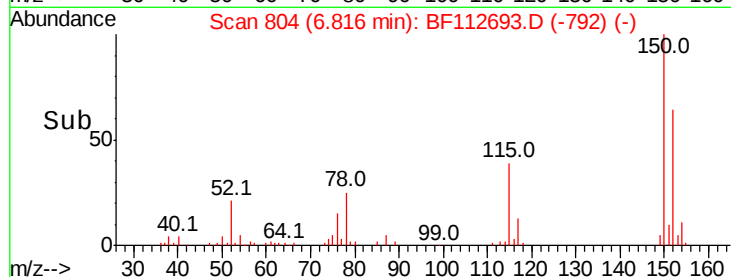
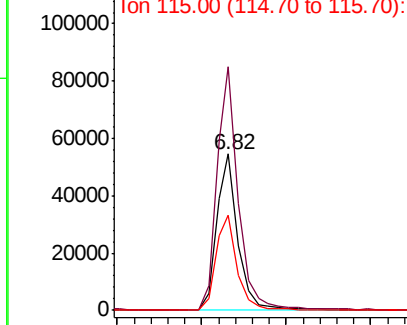
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.03 min
Lab File: BF112693.D
Acq: 25 Feb 2019 15:36

Instrument :
BNA_F
ClientSampleId :
TP-MH-C02

Tot Ion:152 Resp: 47974
Ion Ratio Lower Upper
152 100
150 155.8 127.4 191.0
115 61.1 45.5 68.3



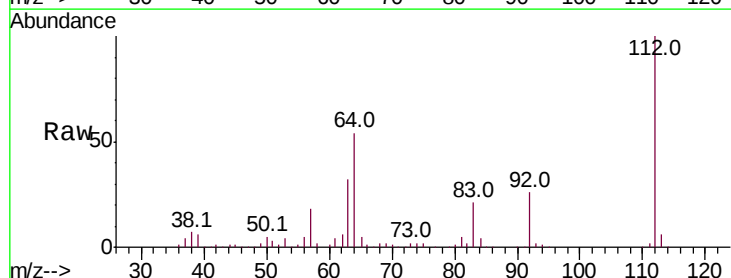
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



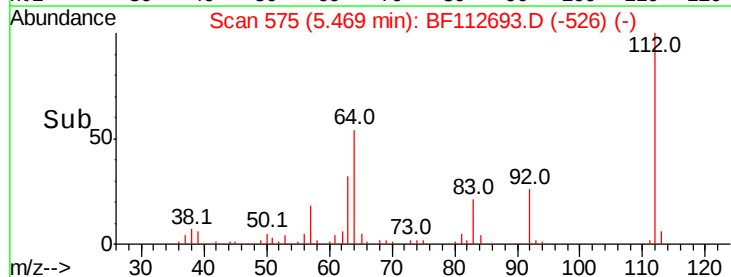
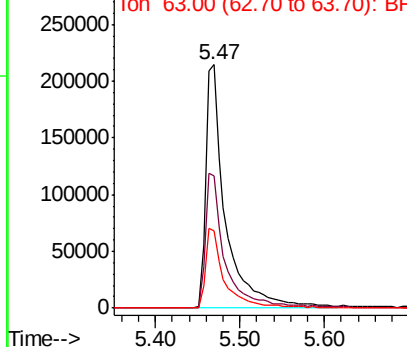
#5

2-Fluorophenol
Concen: 154.701 ng
RT: 5.47 min Scan# 575
Delta R.T. -0.01 min
Lab File: BF112693.D
Acq: 25 Feb 2019 15:36

Tgt Ion:112 Resp: 349407
Ion Ratio Lower Upper
112 100
64 54.3 45.7 68.5
63 31.7 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: 129.698 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF112693.D

Acq: 25 Feb 2019 15:36

Instrument :

BNA_F

ClientSampleId :

TP-MH-C02

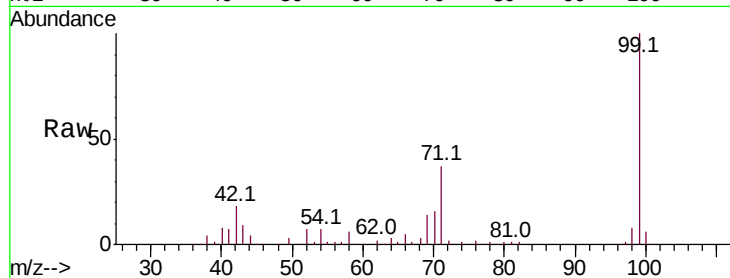
Tot Ion: 99 Resp: 407049

Ion Ratio Lower Upper

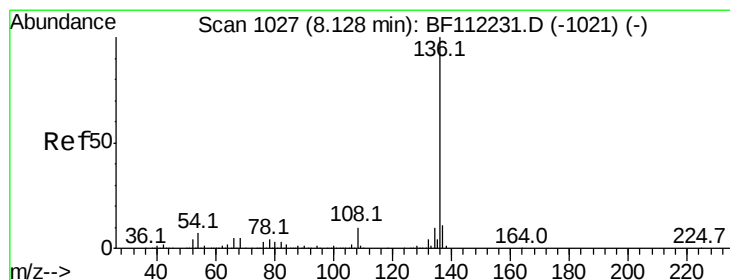
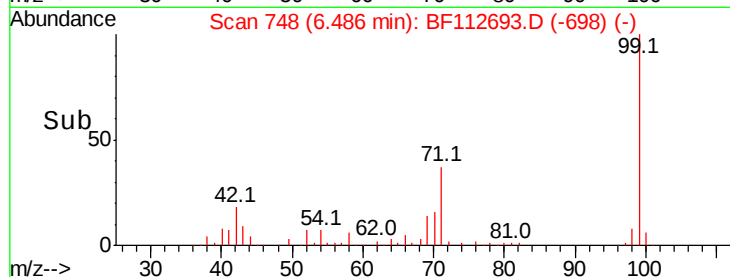
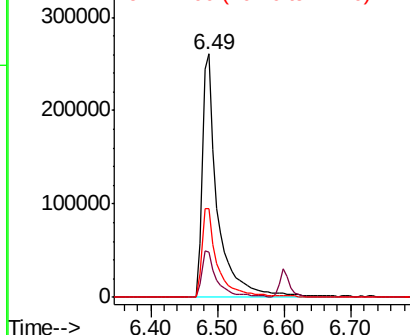
99 100

42 18.4 15.1 22.7

71 36.7 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: BF112693.D

Acq: 25 Feb 2019 15:36

Tgt Ion: 136 Resp: 183365

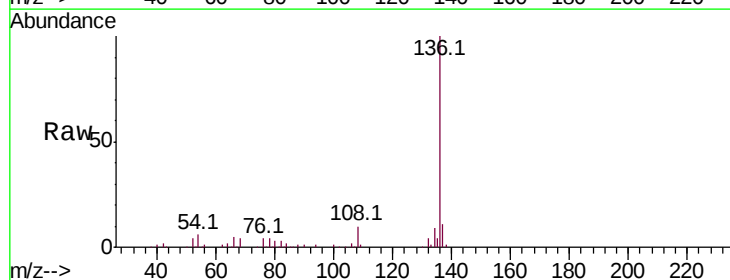
Ion Ratio Lower Upper

136 100

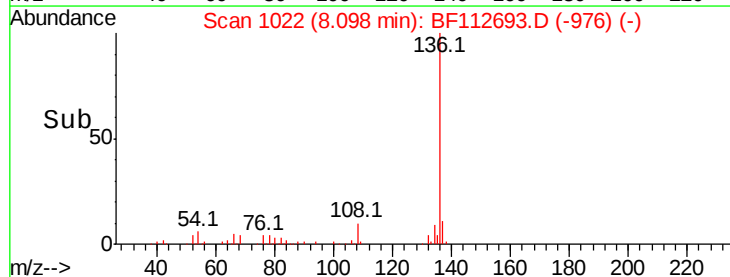
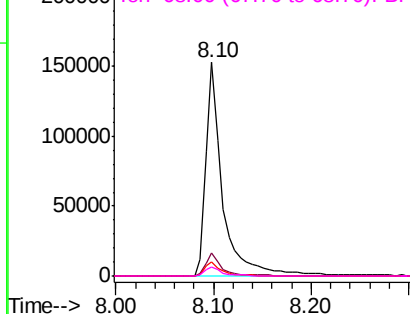
137 10.6 9.1 13.7

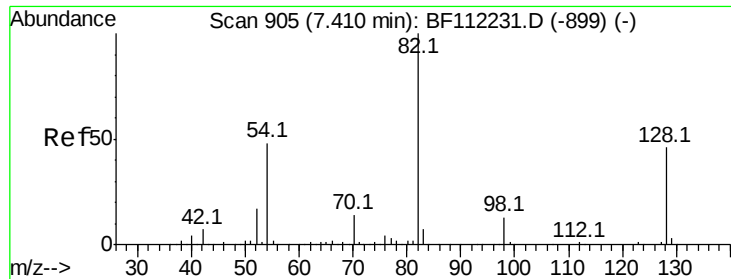
54 6.4 5.9 8.9

68 4.3 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

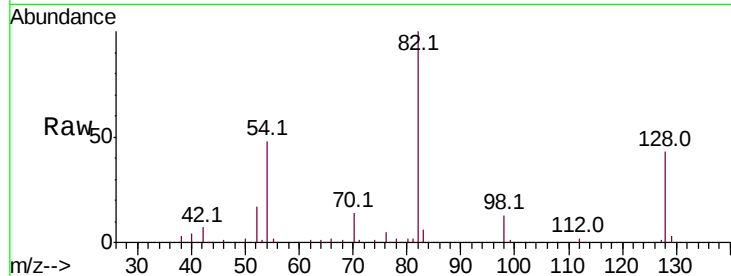




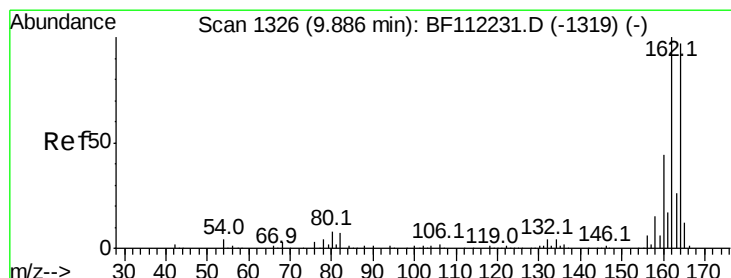
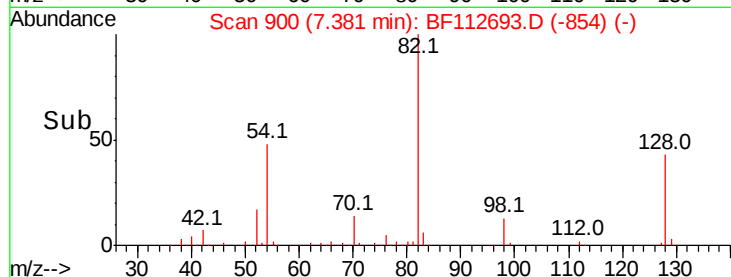
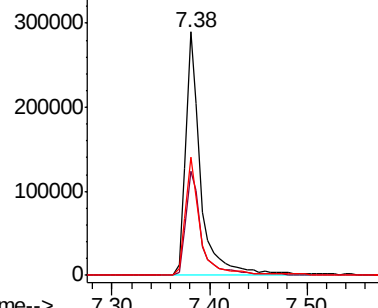
#23
 Nitrobenzene-d5
 Concen: 98.228 ng
 RT: 7.38 min Scan# 900
 Delta R.T. -0.03 min
 Lab File: BF112693.D
 Acq: 25 Feb 2019 15:36

Instrument :
 BNA_F
 ClientSampleId :
 TP-MH-C02

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.0	37.8	56.8
54	48.5	39.7	59.5

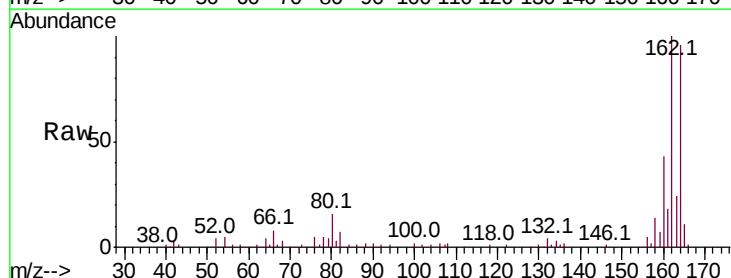


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

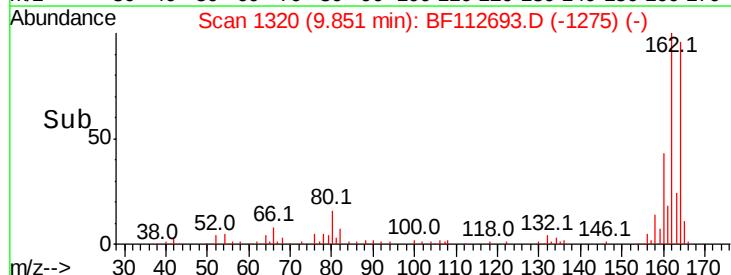
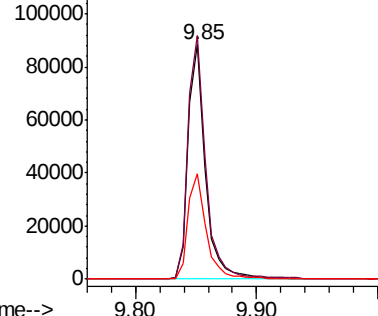


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.04 min
 Lab File: BF112693.D
 Acq: 25 Feb 2019 15:36

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.0	82.2	123.4
160	45.1	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

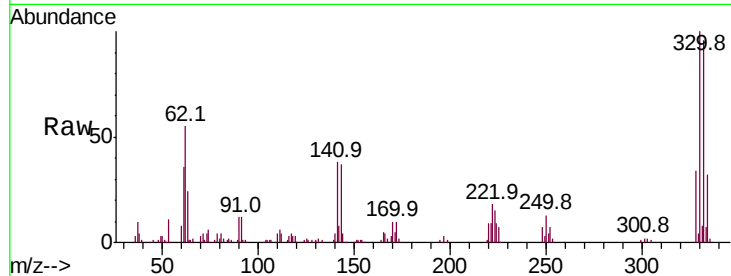




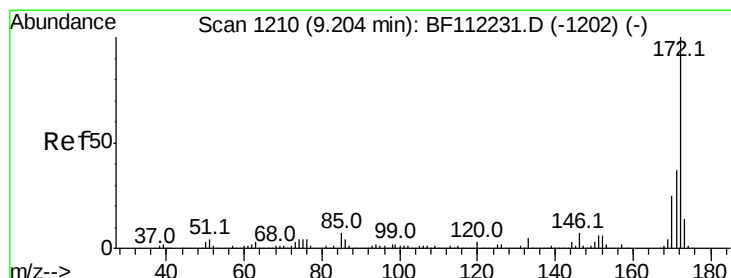
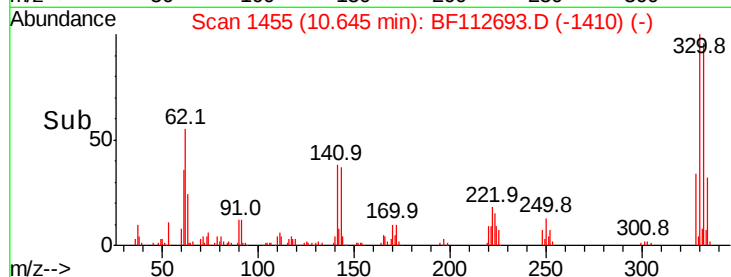
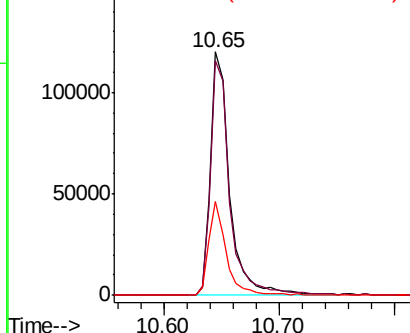
#42
 2,4,6-Tribromophenol
 Concen: 138.535 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. -0.04 min
 Lab File: BF112693.D
 Acq: 25 Feb 2019 15:36

Instrument :
 BNA_F
 ClientSampleId :
 TP-MH-C02

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	76.6	114.8
141	35.7	24.3	36.5

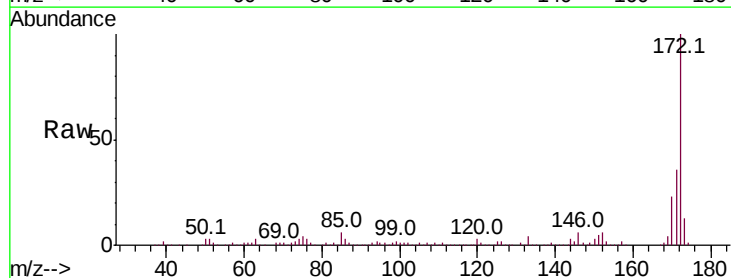


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

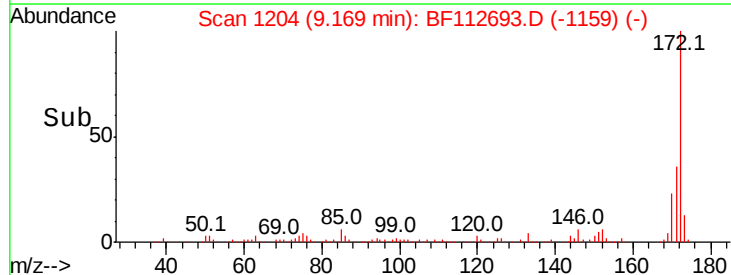
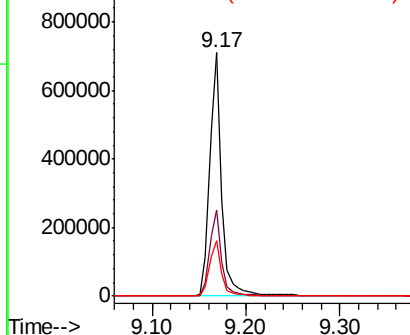


#45
 2-Fluorobiphenyl
 Concen: 104.086 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.04 min
 Lab File: BF112693.D
 Acq: 25 Feb 2019 15:36

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	30.5	45.7
170	23.0	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

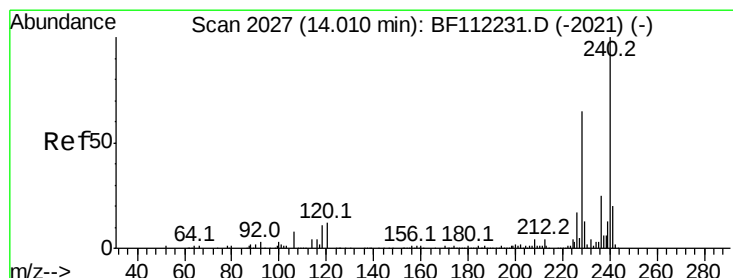
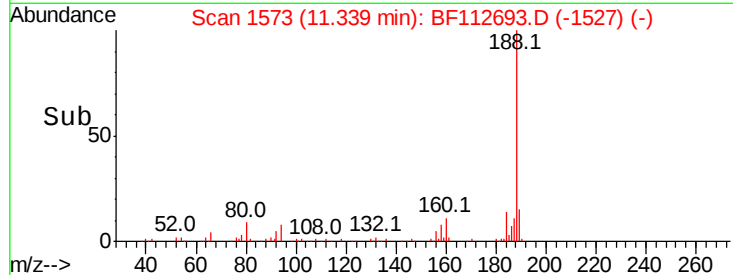
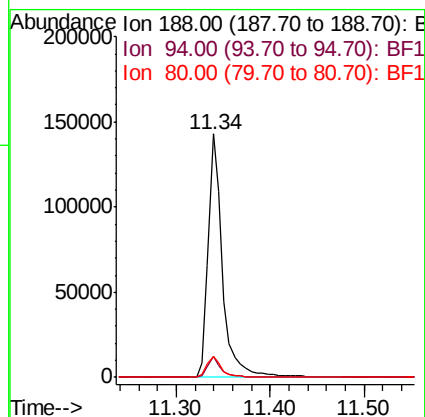
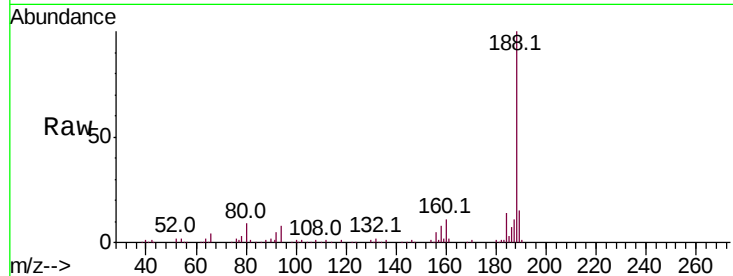




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.03 min
Lab File: BF112693.D
Acq: 25 Feb 2019 15:36

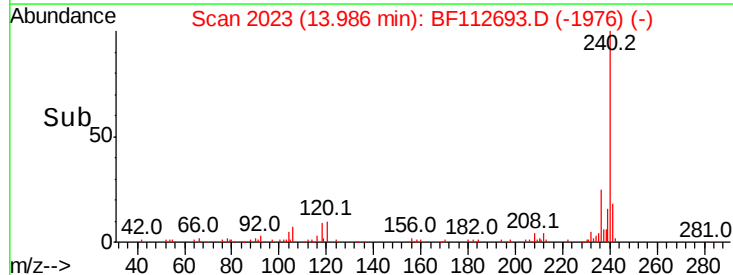
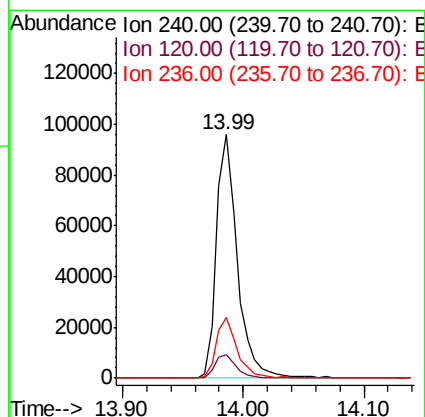
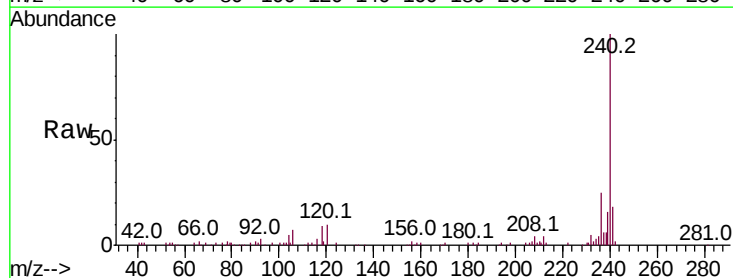
Instrument :
BNA_F
ClientSampleId :
TP-MH-C02

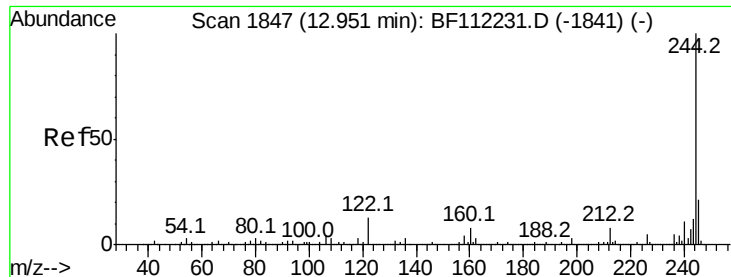
Tot Ion:188 Resp: 153631
Ion Ratio Lower Upper
188 100
94 8.5 8.2 12.2
80 8.7 8.9 13.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.02 min
Lab File: BF112693.D
Acq: 25 Feb 2019 15:36

Tgt Ion:240 Resp: 113768
Ion Ratio Lower Upper
240 100
120 9.8 9.0 13.6
236 25.1 20.7 31.1

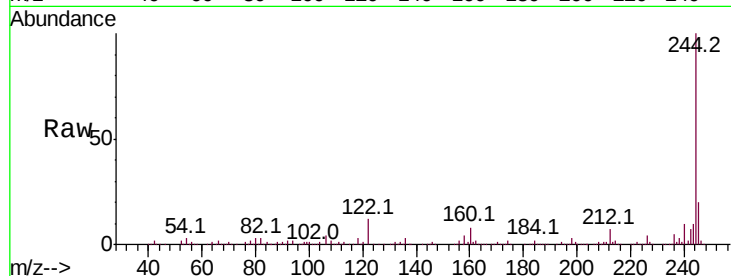




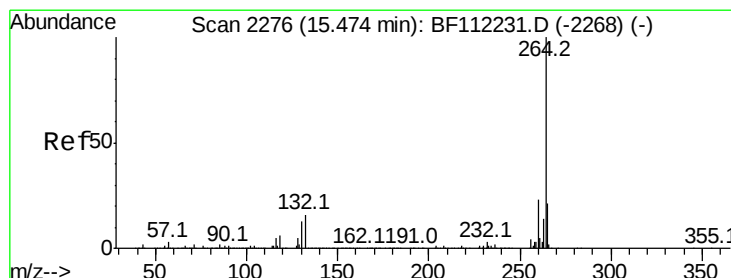
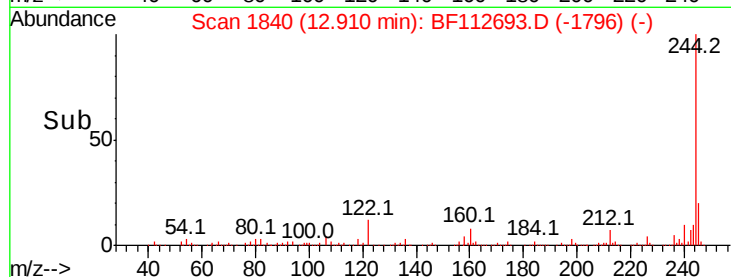
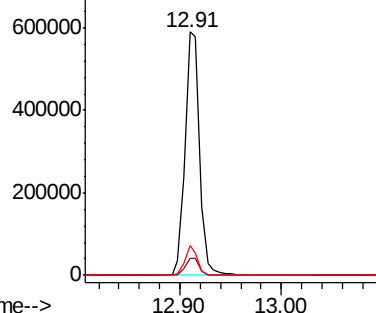
#79
 Terphenyl-d14
 Concen: 97.735 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. -0.04 min
 Lab File: BF112693.D
 Acq: 25 Feb 2019 15:36

Instrument :
 BNA_F
 ClientSampleId :
 TP-MH-C02

Tot Ion:244 Resp: 590360
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.9 8.9
 122 12.2 9.8 14.6

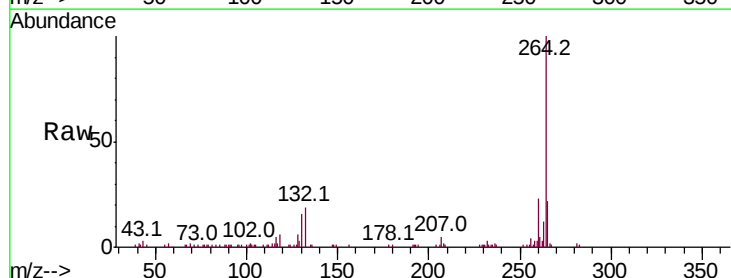


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.46 min Scan# 2273
 Delta R.T. -0.02 min
 Lab File: BF112693.D
 Acq: 25 Feb 2019 15:36

Tgt Ion:264 Resp: 103580
 Ion Ratio Lower Upper
 264 100
 260 22.7 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

