

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022519\
 Data File : BF112694.D
 Acq On : 25 Feb 2019 16:03
 Operator : JU/SJ
 Sample : K1596-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-13

Quant Time: Feb 26 00:12:19 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	42245	20.00	ng	-0.03
21) Naphthalene-d8	8.10	136	161368	20.00	ng	-0.03
39) Acenaphthene-d10	9.85	164	80120	20.00	ng	-0.04
64) Phenanthrene-d10	11.34	188	149256	20.00	ng	-0.03
76) Chrysene-d12	13.99	240	108146	20.00	ng	-0.02
87) Perylene-d12	15.46	264	96653	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	298827	150.25	ng	-0.02
7) Phenol-d6	6.49	99	337414	122.09	ng	0.00
23) Nitrobenzene-d5	7.38	82	272097	97.16	ng	-0.03
42) 2,4,6-Tribromophenol	10.65	330	125299	134.36	ng	-0.04
45) 2-Fluorobiphenyl	9.17	172	552303	97.50	ng	-0.04
79) Terphenyl-d14	12.91	244	567681	98.87	ng	-0.04

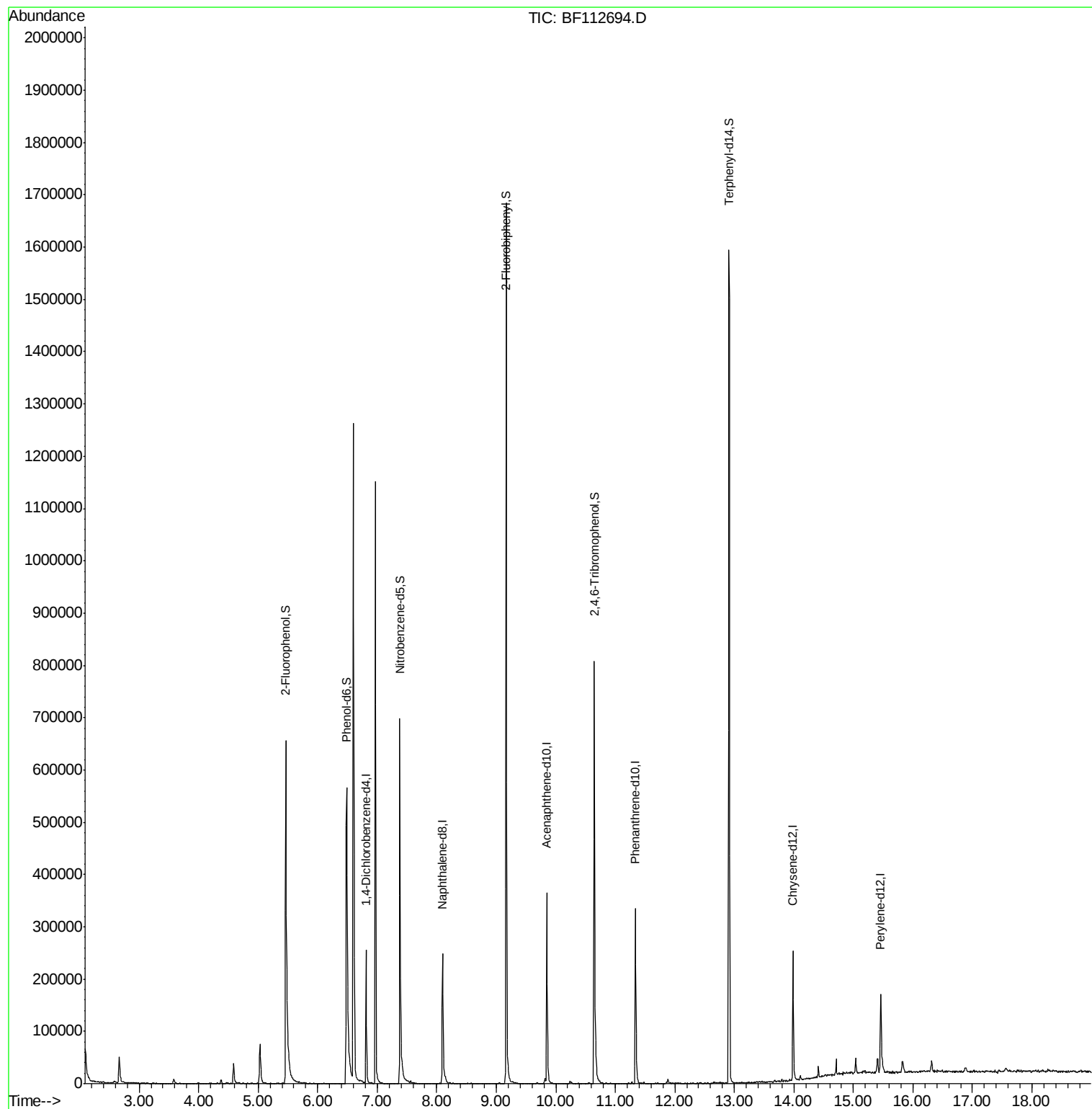
Target Compounds Qvalue

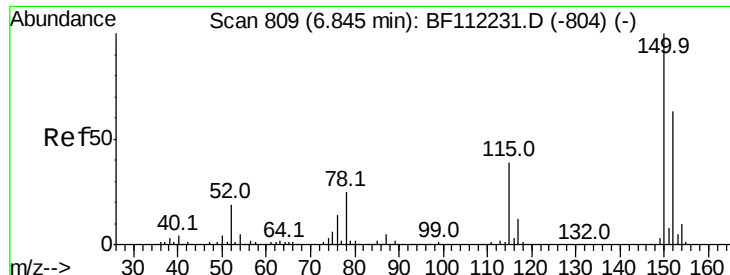
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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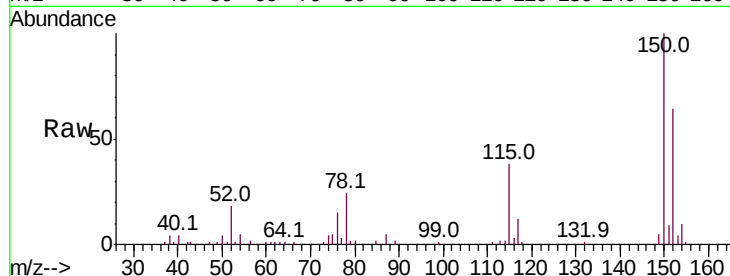


#1

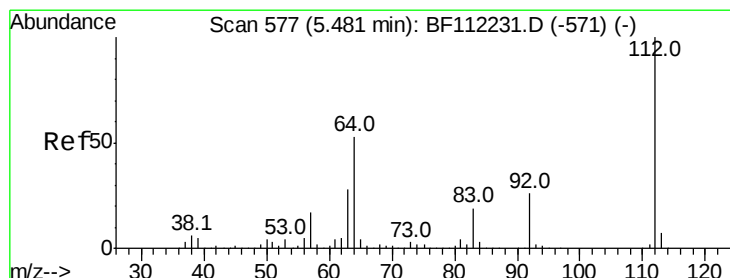
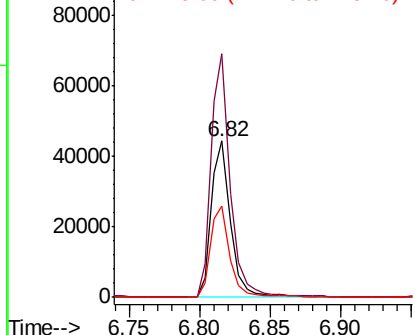
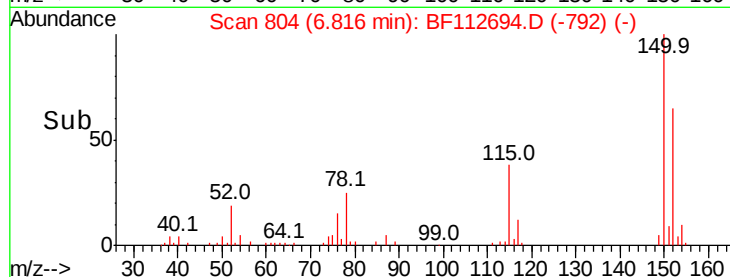
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.03 min
Lab File: BF112694.D
Acq: 25 Feb 2019 16:03

Instrument :
BNA_F
ClientSampled :
COMP-13

Tot Ion:152 Resp: 42245
Ion Ratio Lower Upper
152 100
150 155.6 127.4 191.0
115 58.4 45.5 68.3



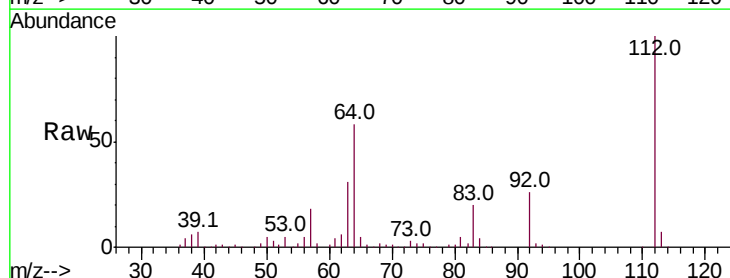
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



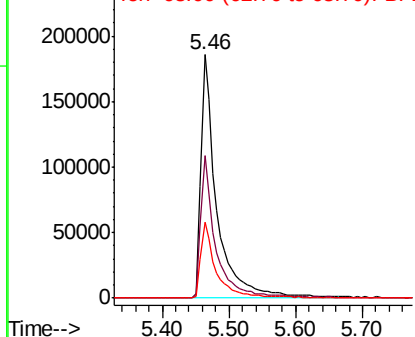
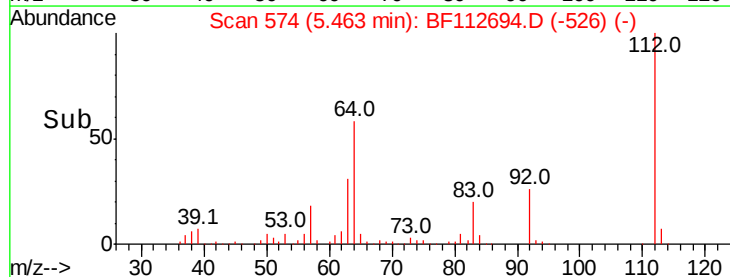
#5

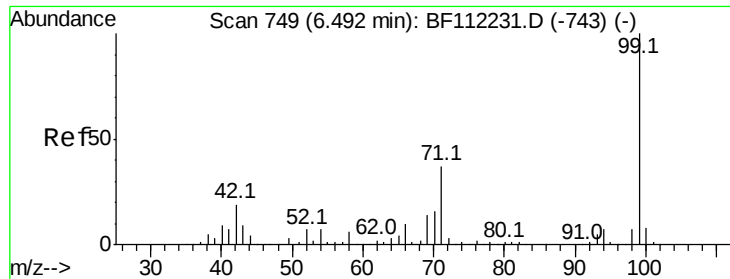
2-Fluorophenol
Concen: 150.249 ng
RT: 5.46 min Scan# 574
Delta R.T. -0.02 min
Lab File: BF112694.D
Acq: 25 Feb 2019 16:03

Tgt Ion:112 Resp: 298827
Ion Ratio Lower Upper
112 100
64 58.3 45.7 68.5
63 31.1 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: 122.090 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF112694.D

Acq: 25 Feb 2019 16:03

Instrument :

BNA_F

ClientSampleId :

COMP-13

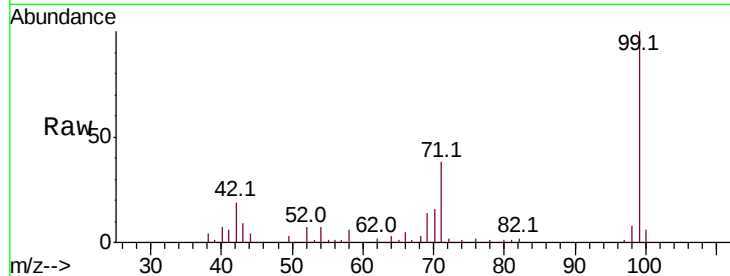
Tot Ion: 99 Resp: 337414

Ion Ratio Lower Upper

99 100

42 18.5 15.1 22.7

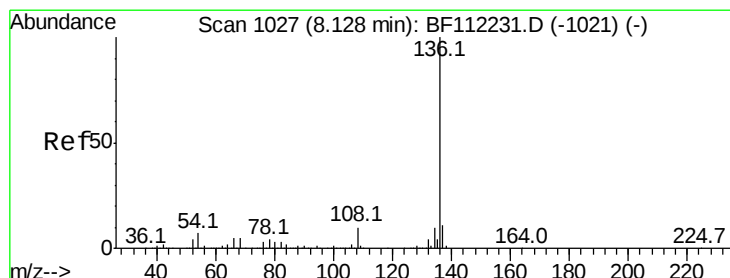
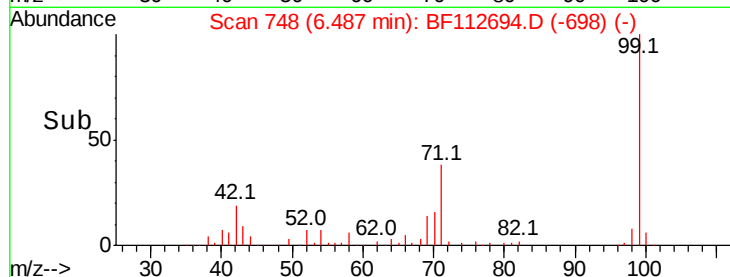
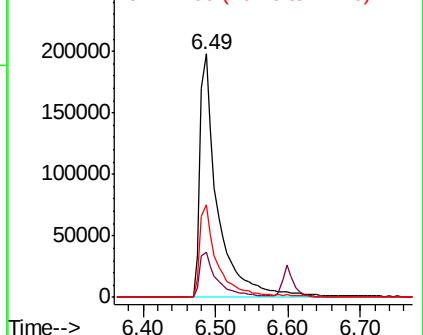
71 38.2 26.9 40.3



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: BF112694.D

Acq: 25 Feb 2019 16:03

Tgt Ion: 136 Resp: 161368

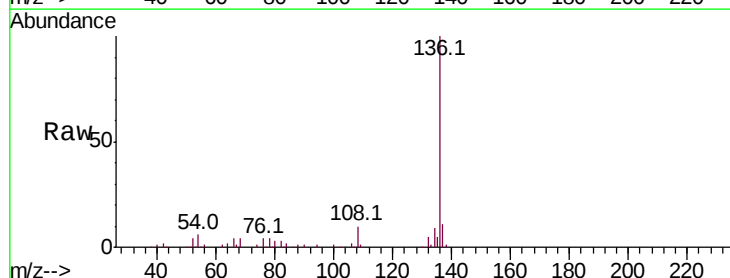
Ion Ratio Lower Upper

136 100

137 10.9 9.1 13.7

54 6.0 5.9 8.9

68 4.5 5.1 7.7#

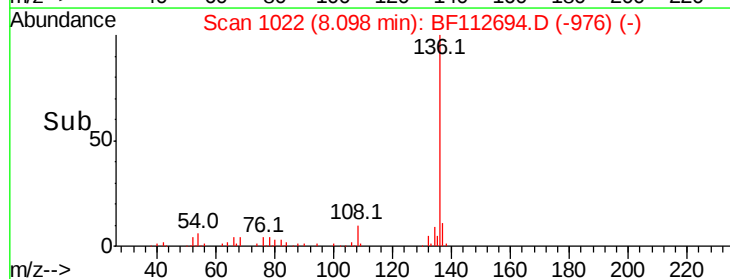
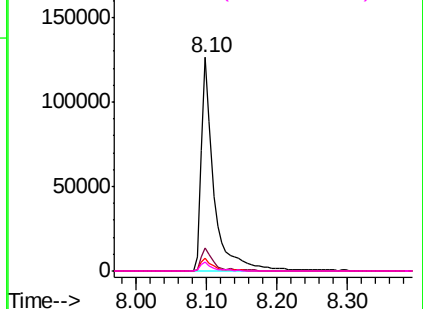


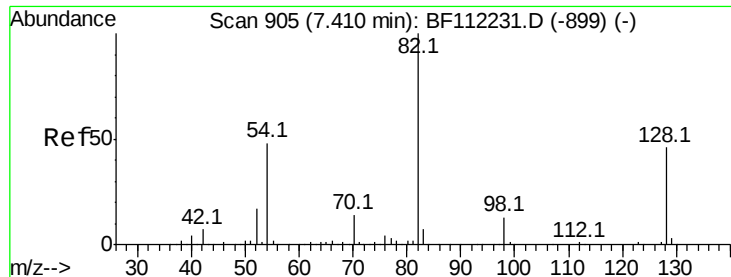
Abundance Ion 136.00 (135.70 to 136.70): E

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

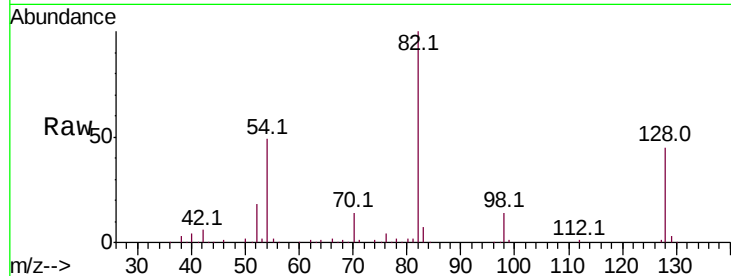




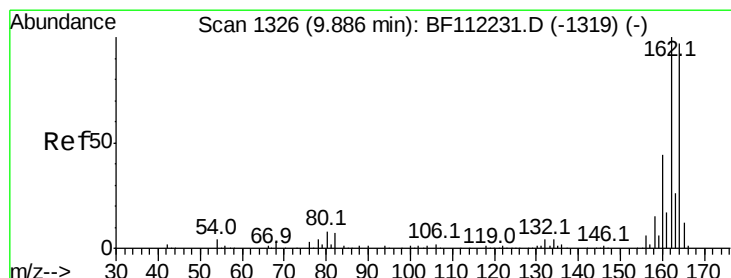
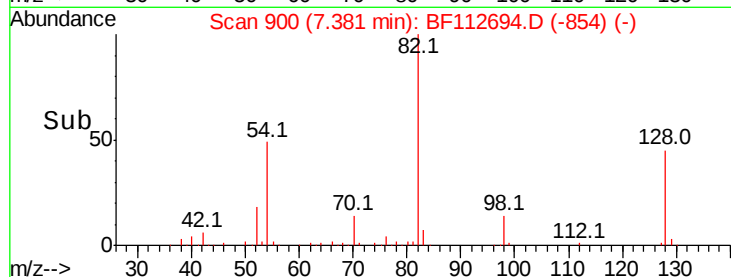
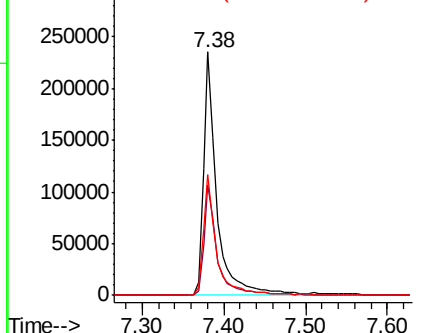
#23
 Nitrobenzene-d5
 Concen: 97.158 ng
 RT: 7.38 min Scan# 900
 Delta R.T. -0.03 min
 Lab File: BF112694.D
 Acq: 25 Feb 2019 16:03

Instrument :
 BNA_F
 ClientSampleId :
 COMP-13

Tot Ion	82	Resp	272097
Ion Ratio	Lower	Upper	
82	100		
128	45.3	37.8	56.8
54	49.5	39.7	59.5

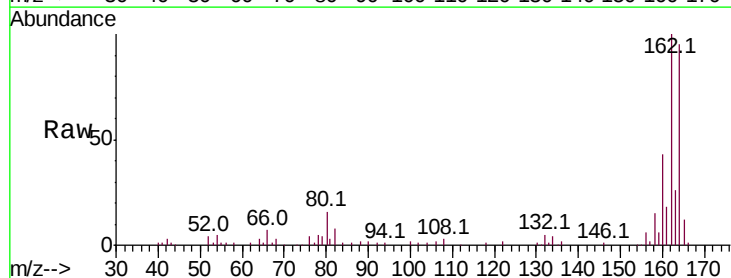


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

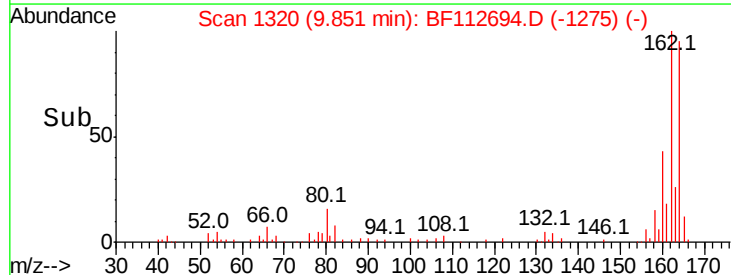
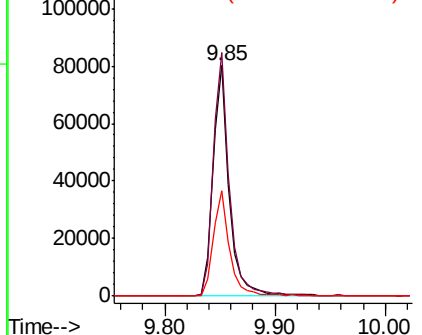


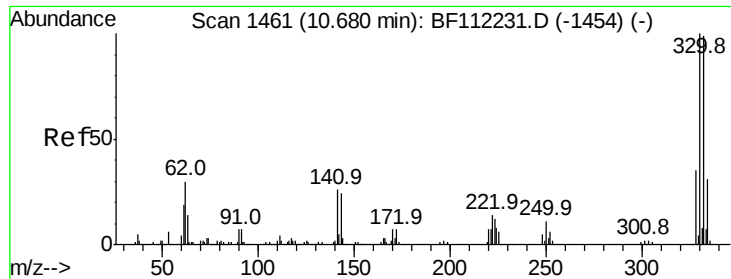
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.04 min
 Lab File: BF112694.D
 Acq: 25 Feb 2019 16:03

Tgt Ion	164	Resp	80120
Ion Ratio	Lower	Upper	
164	100		
162	105.7	82.2	123.4
160	45.6	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

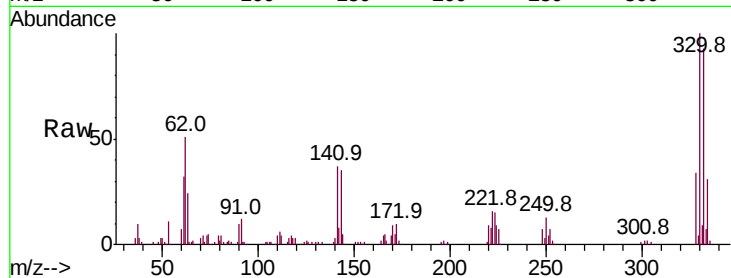




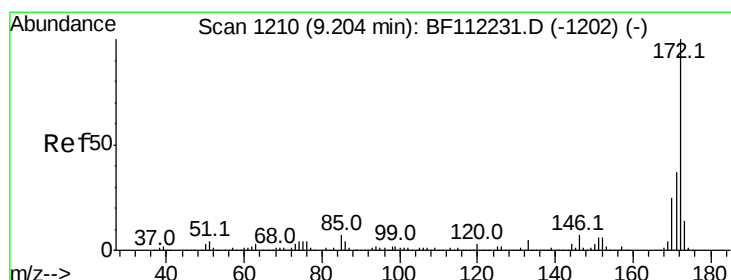
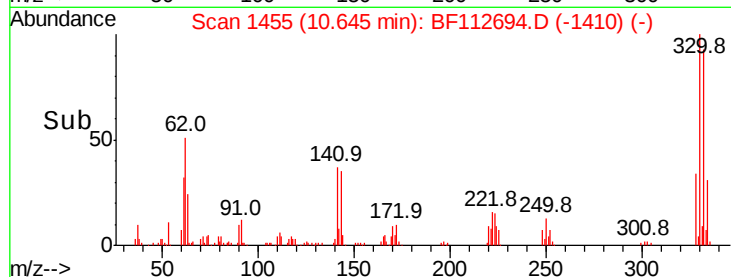
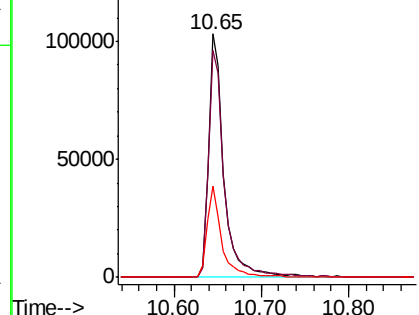
#42
 2,4,6-Tribromophenol
 Concen: 134.358 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. -0.04 min
 Lab File: BF112694.D
 Acq: 25 Feb 2019 16:03

Instrument :
 BNA_F
 ClientSampleId :
 COMP-13

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.3	76.6	114.8
141	35.7	24.3	36.5

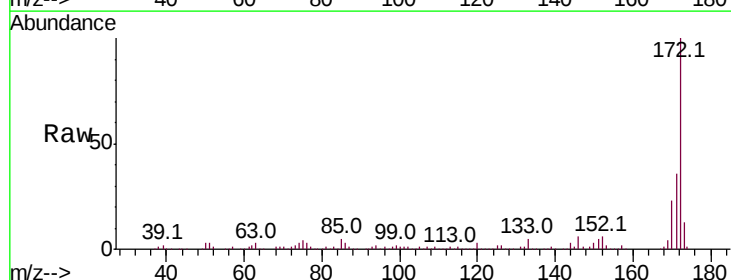


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

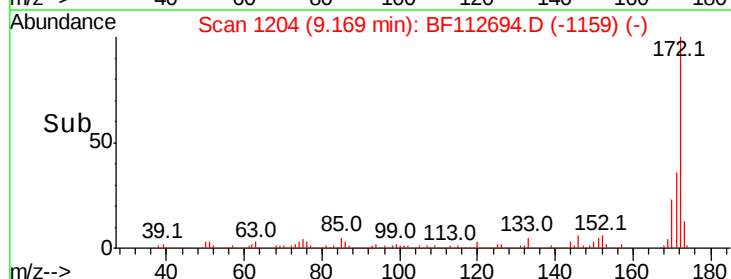
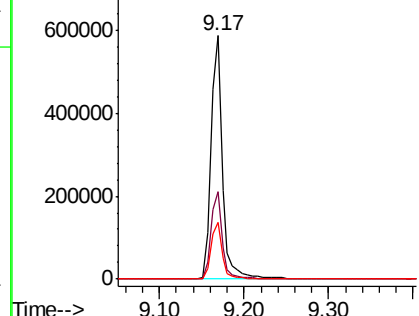


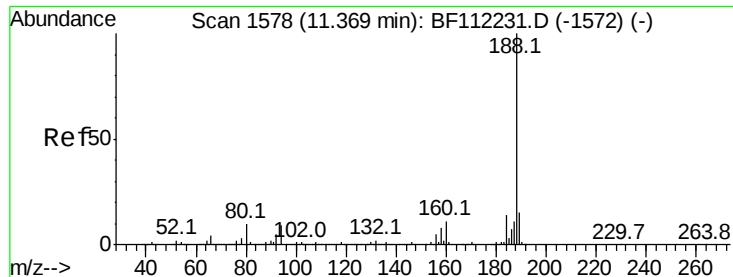
#45
 2-Fluorobiphenyl
 Concen: 97.497 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.04 min
 Lab File: BF112694.D
 Acq: 25 Feb 2019 16:03

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	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

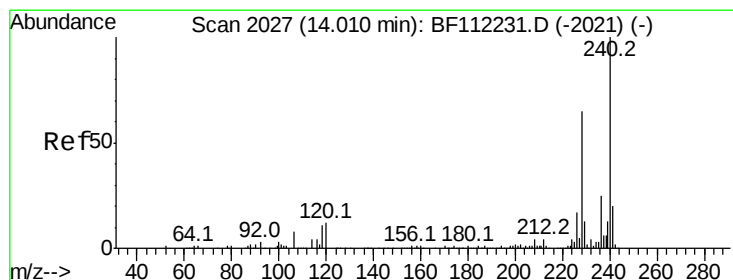
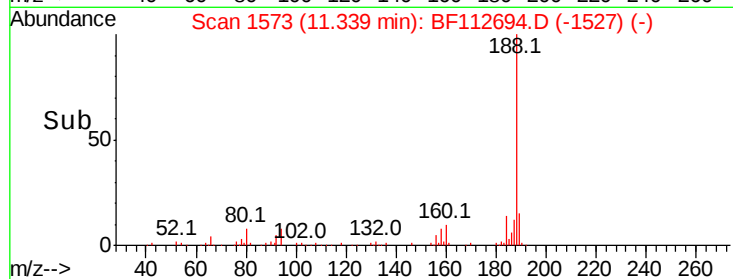
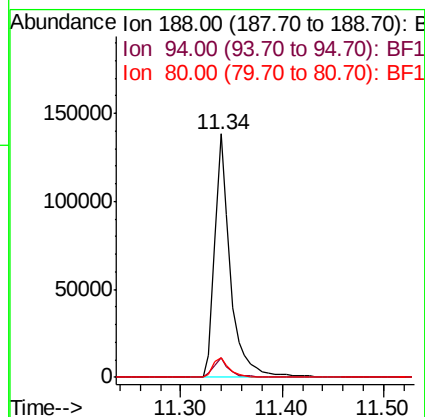
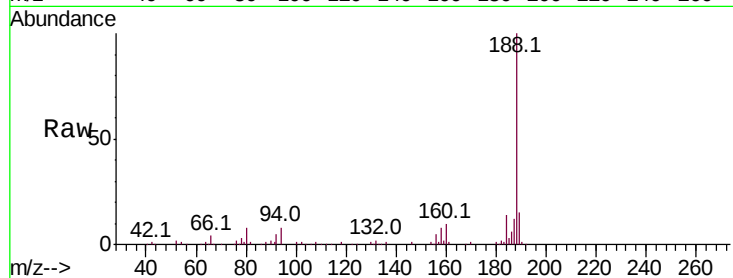




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.03 min
Lab File: BF112694.D
Acq: 25 Feb 2019 16:03

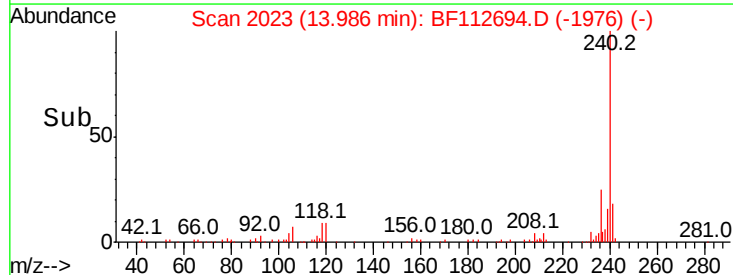
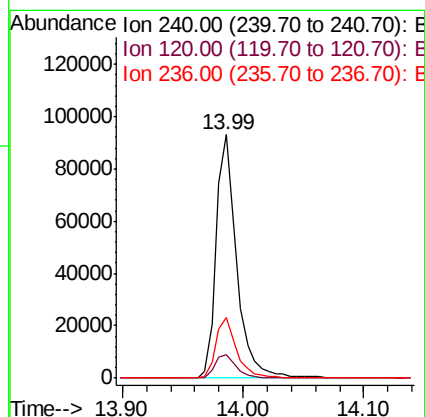
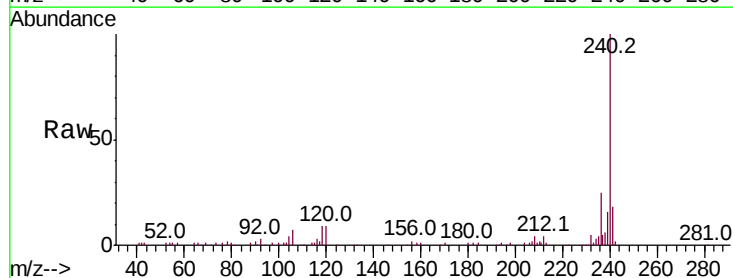
Instrument :
BNA_F
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COMP-13

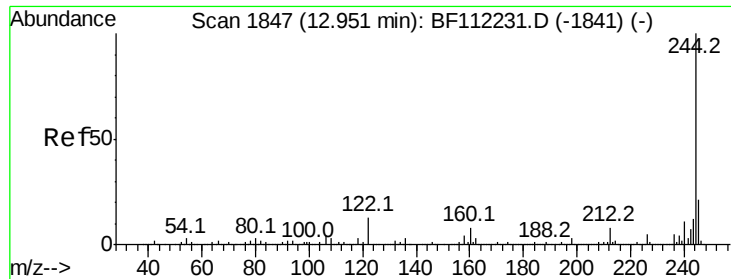
Tot Ion	Ratio	Lower	Upper
188	100		
94	8.1	8.2	12.2#
80	8.2	8.9	13.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.02 min
Lab File: BF112694.D
Acq: 25 Feb 2019 16:03

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.5	9.0	13.6
236	24.6	20.7	31.1

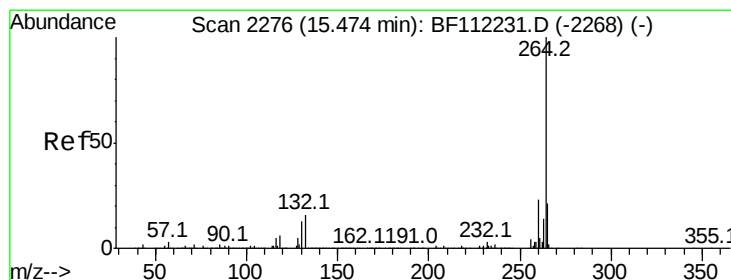
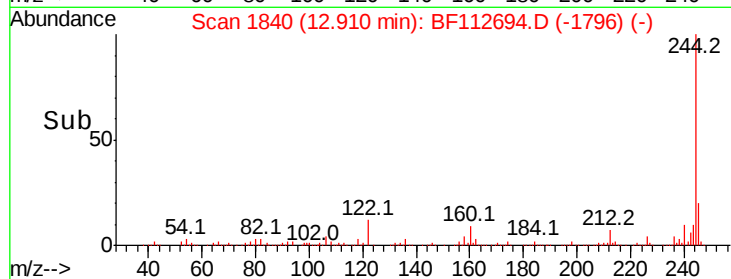
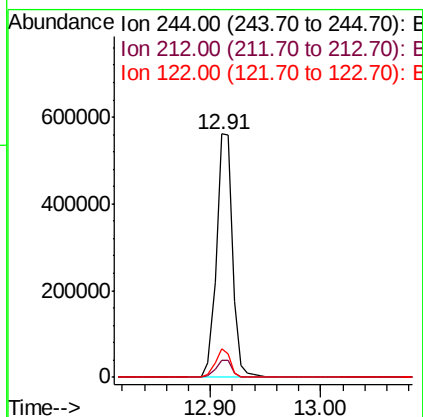
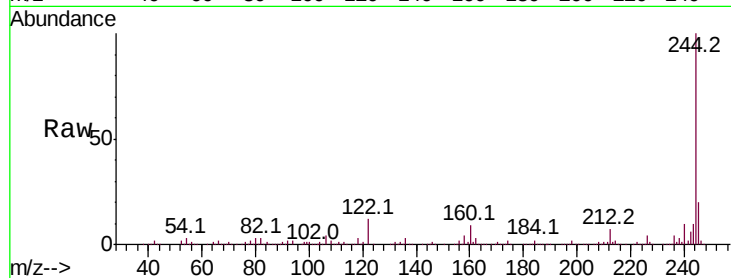




#79
 Terphenyl-d14
 Concen: 98.866 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. -0.04 min
 Lab File: BF112694.D
 Acq: 25 Feb 2019 16:03

Instrument :
 BNA_F
 ClientSampleId :
 COMP-13

Tot Ion:244 Resp: 567681
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.9 8.9
 122 11.6 9.8 14.6



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.46 min Scan# 2273
 Delta R.T. -0.02 min
 Lab File: BF112694.D
 Acq: 25 Feb 2019 16:03

Tgt Ion:264 Resp: 96653
 Ion Ratio Lower Upper
 264 100
 260 22.2 18.2 27.2
 265 21.4 17.0 25.4

