

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022519\
 Data File : BF112696.D
 Acq On : 25 Feb 2019 16:58
 Operator : JU/SJ
 Sample : K1596-06
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-15

Quant Time: Feb 26 00:15:19 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	27155	20.00	ng	-0.03
21) Naphthalene-d8	8.10	136	103999	20.00	ng	-0.03
39) Acenaphthene-d10	9.85	164	51081	20.00	ng	-0.04
64) Phenanthrene-d10	11.34	188	99998	20.00	ng	-0.03
76) Chrysene-d12	13.99	240	74323	20.00	ng	-0.02
87) Perylene-d12	15.46	264	62042	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	208596	163.16	ng	-0.02
7) Phenol-d6	6.49	99	238076	134.02	ng	0.00
23) Nitrobenzene-d5	7.38	82	189946	105.24	ng	-0.03
42) 2,4,6-Tribromophenol	10.65	330	89388	150.34	ng	-0.04
45) 2-Fluorobiphenyl	9.17	172	389261	107.78	ng	-0.04
79) Terphenyl-d14	12.91	244	431558	109.36	ng	-0.04

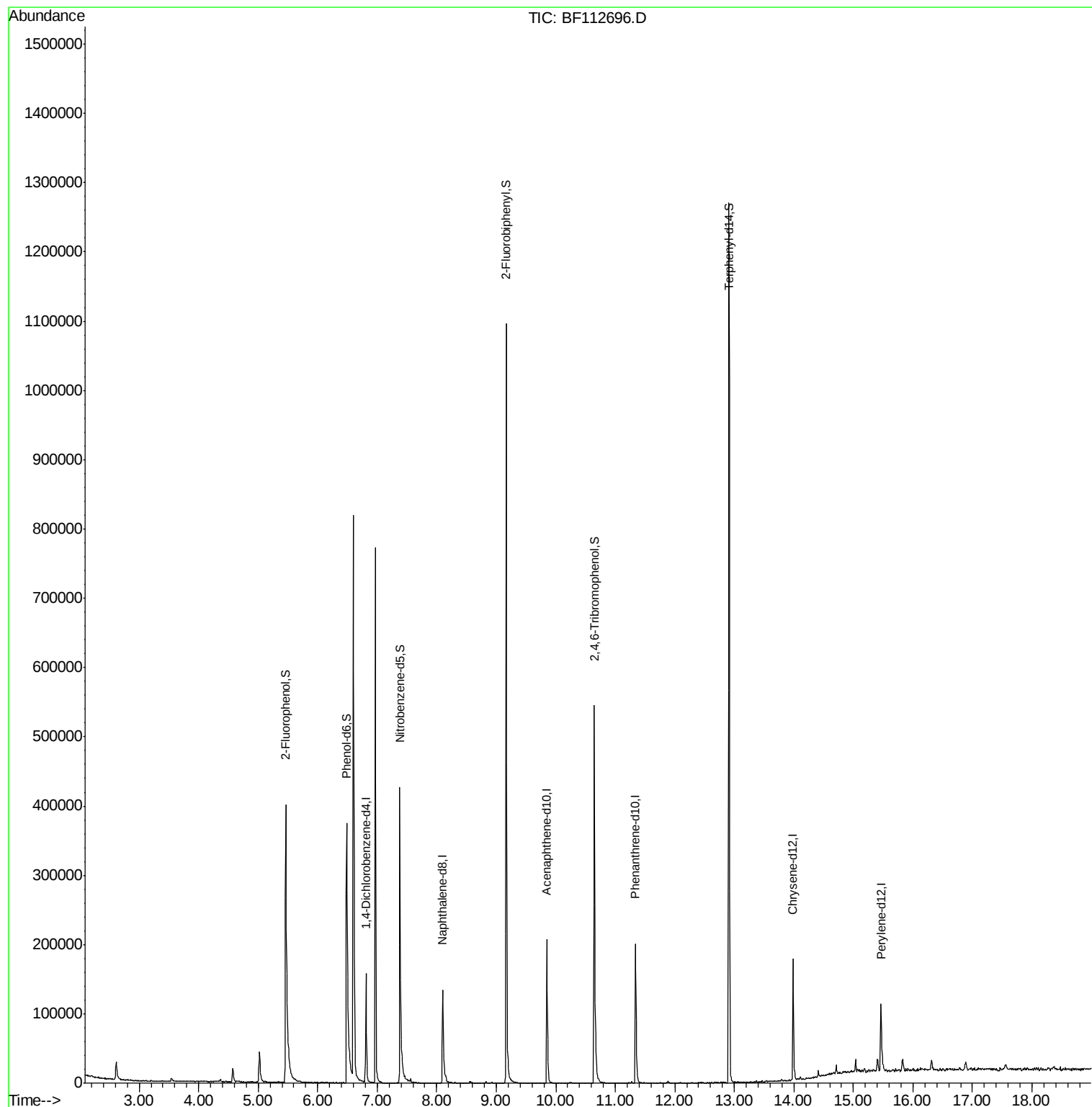
Target Compounds Qvalue

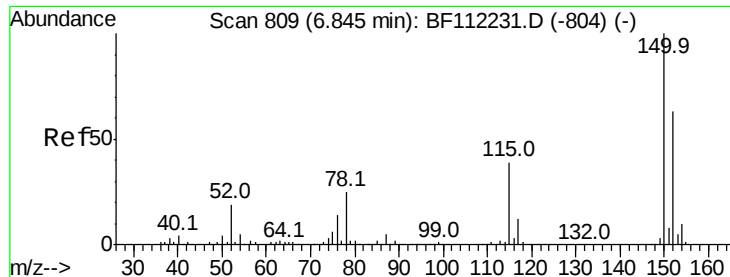
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Jan 28 10:38:18 2019
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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: BF112696.D

Acq: 25 Feb 2019 16:58

Instrument :

BNA_F

ClientSampled :

COMP-15

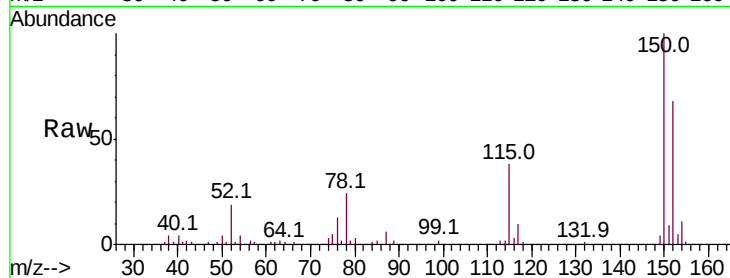
Tot Ion:152 Resp: 27155

Ion Ratio Lower Upper

152 100

150 148.0 127.4 191.0

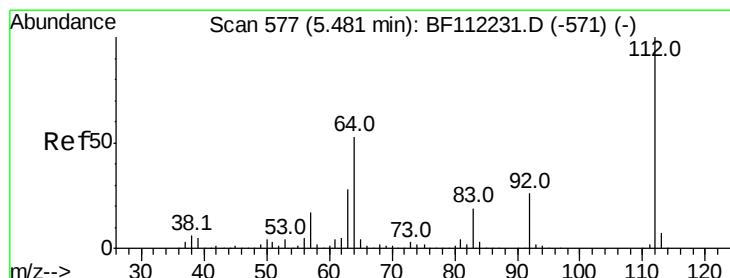
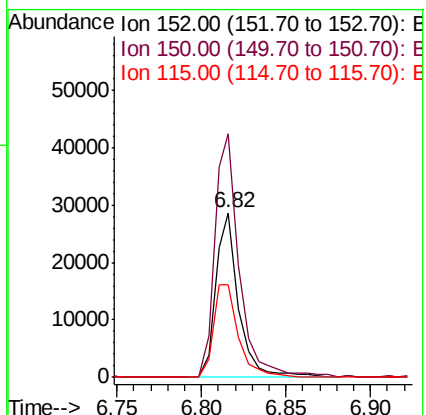
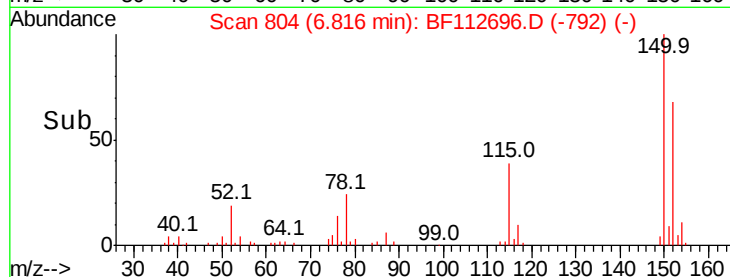
115 56.5 45.5 68.3



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: 163.164 ng

RT: 5.46 min Scan# 574

Delta R.T. -0.02 min

Lab File: BF112696.D

Acq: 25 Feb 2019 16:58

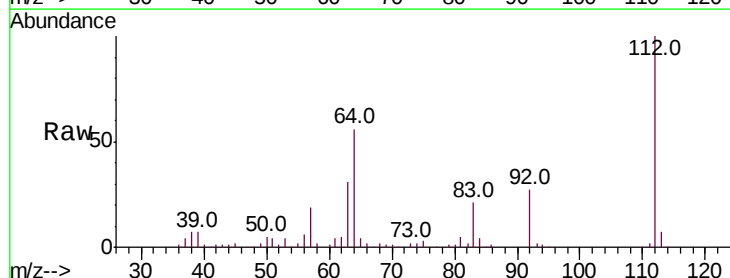
Tgt Ion:112 Resp: 208596

Ion Ratio Lower Upper

112 100

64 55.7 45.7 68.5

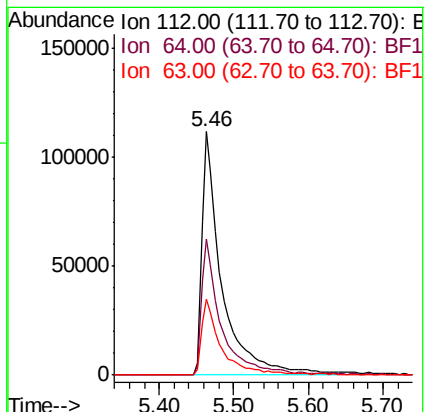
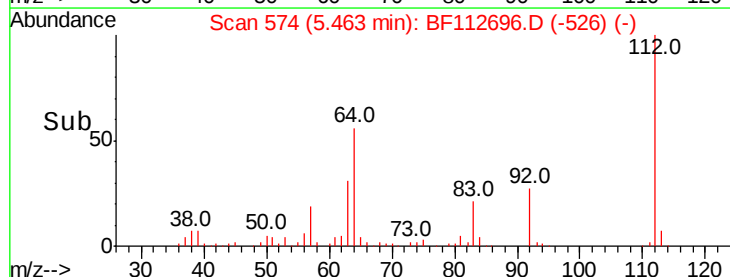
63 31.3 23.6 35.4

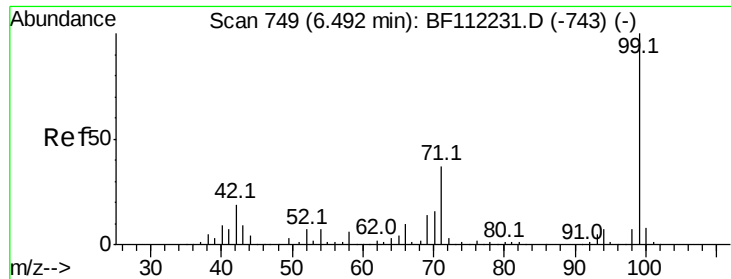


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 134.017 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF112696.D

Acq: 25 Feb 2019 16:58

Instrument :

BNA_F

ClientSampleId :

COMP-15

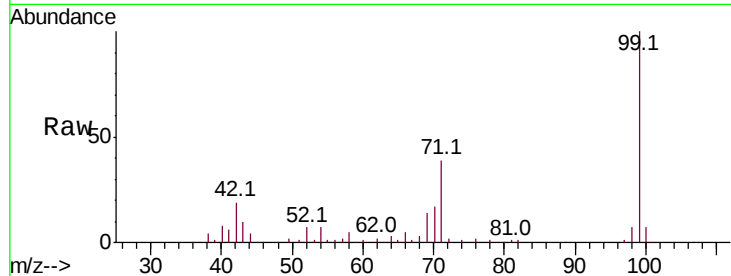
Tot Ion: 99 Resp: 238076

Ion Ratio Lower Upper

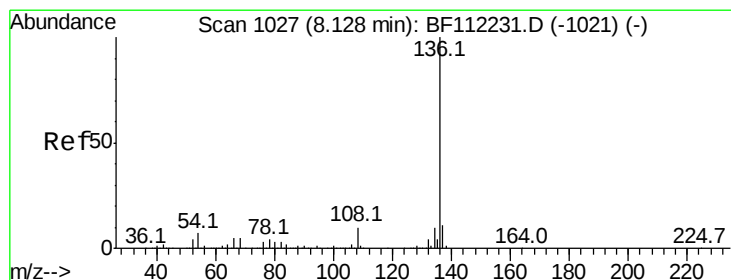
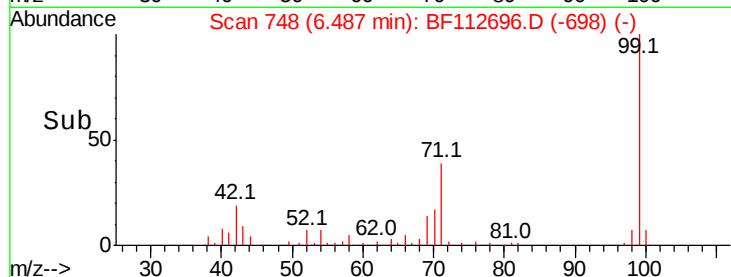
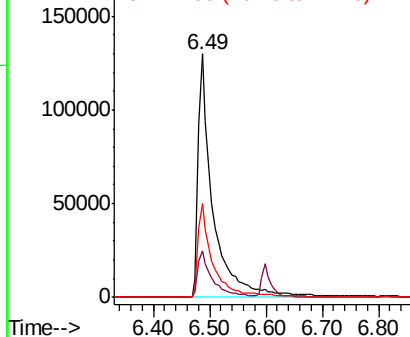
99 100

42 18.8 15.1 22.7

71 38.6 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: BF112696.D

Acq: 25 Feb 2019 16:58

Tgt Ion: 136 Resp: 103999

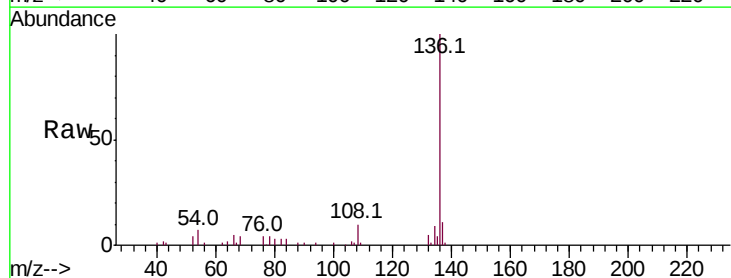
Ion Ratio Lower Upper

136 100

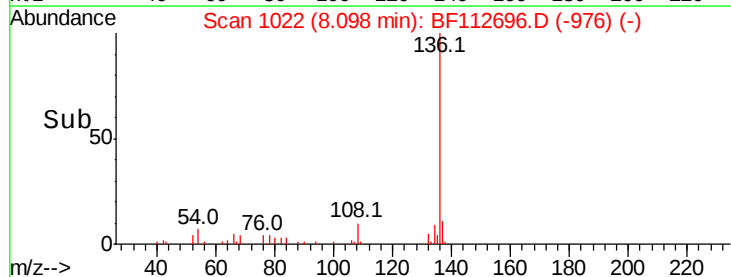
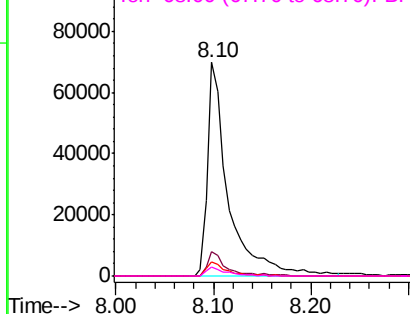
137 11.1 9.1 13.7

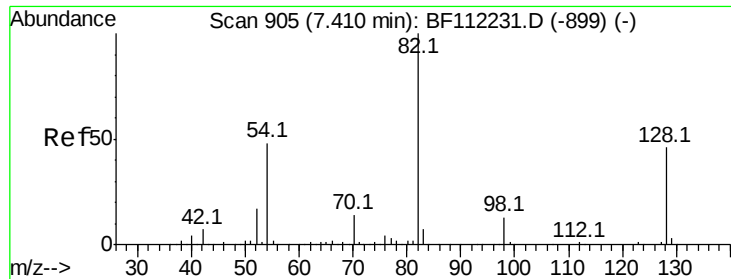
54 6.7 5.9 8.9

68 4.4 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

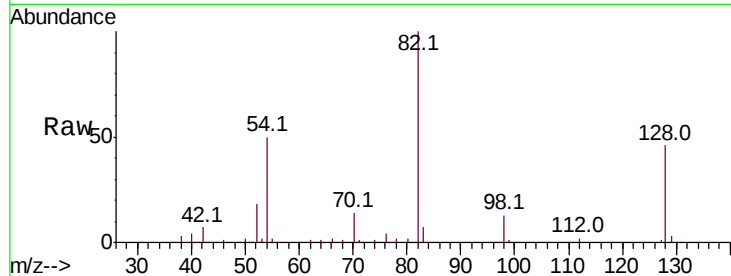




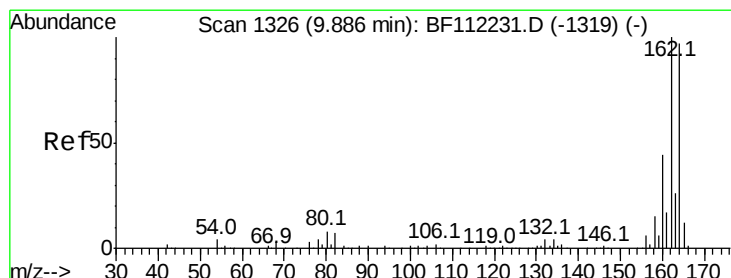
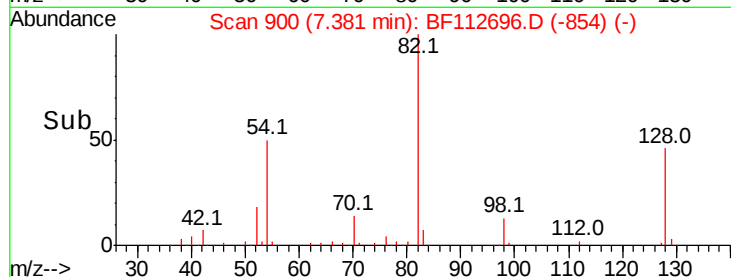
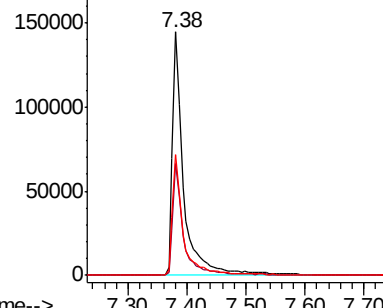
#23
Nitrobenzene-d5
Concen: 105.238 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.03 min
Lab File: BF112696.D
Acq: 25 Feb 2019 16:58

Instrument :
BNA_F
ClientSampleId :
COMP-15

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.8	37.8	56.8
54	49.8	39.7	59.5

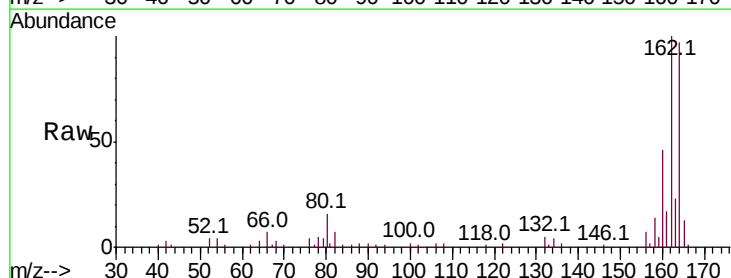


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

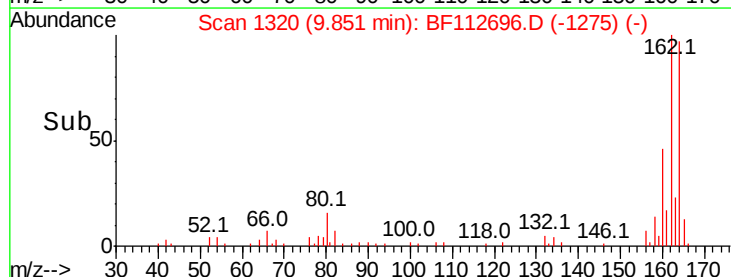
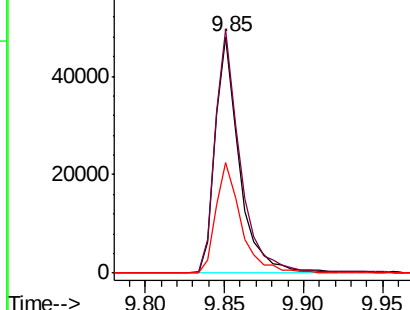


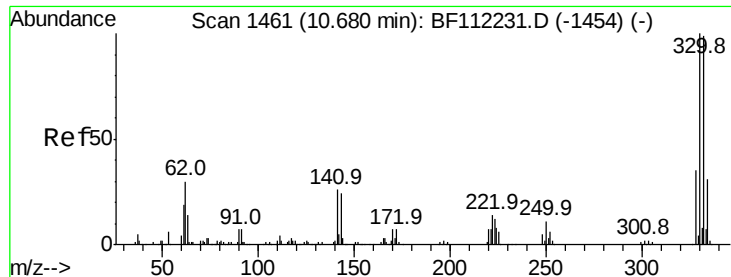
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.04 min
Lab File: BF112696.D
Acq: 25 Feb 2019 16:58

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.1	82.2	123.4
160	47.0	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

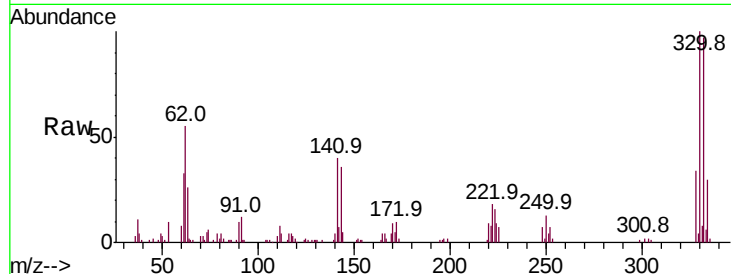




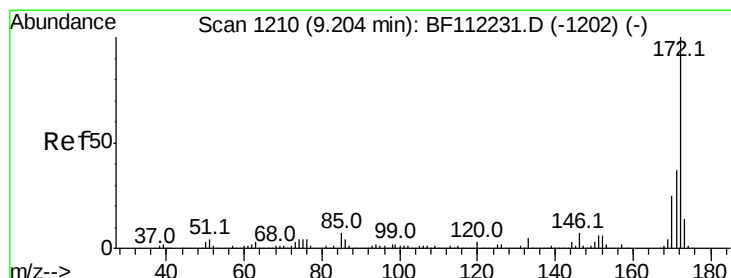
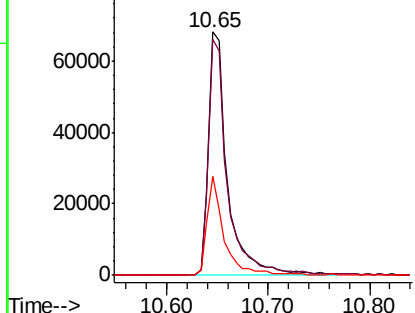
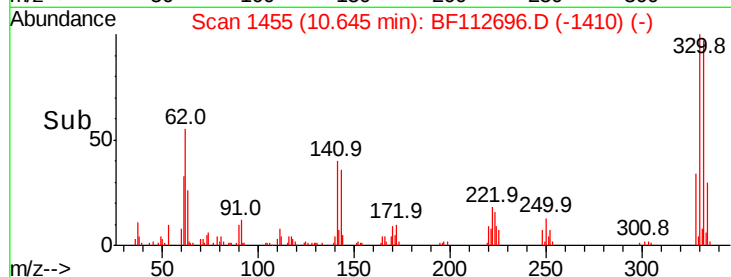
#42
 2,4,6-Tribromophenol
 Concen: 150.341 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. -0.04 min
 Lab File: BF112696.D
 Acq: 25 Feb 2019 16:58

Instrument :
 BNA_F
 ClientSampleId :
 COMP-15

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.5	76.6	114.8
141	35.7	24.3	36.5

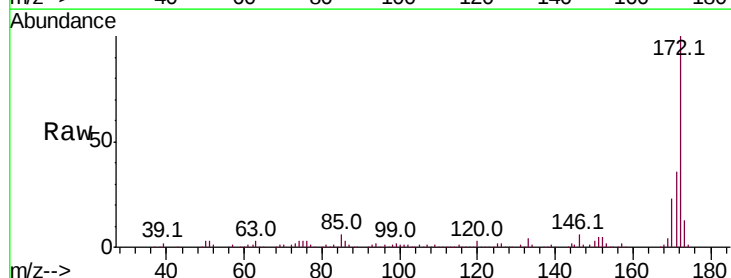


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

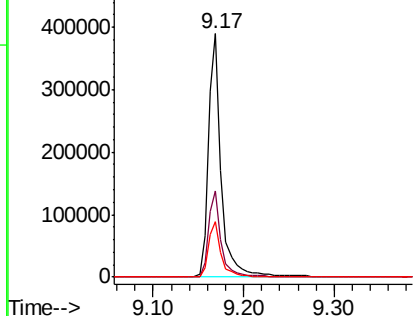
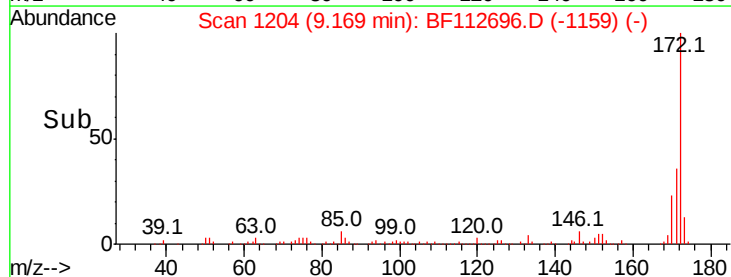


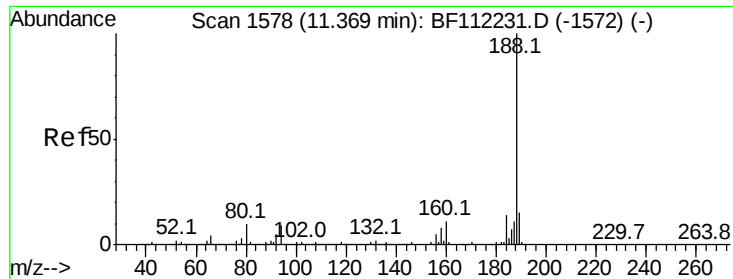
#45
 2-Fluorobiphenyl
 Concen: 107.779 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.04 min
 Lab File: BF112696.D
 Acq: 25 Feb 2019 16:58

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	30.5	45.7
170	22.6	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

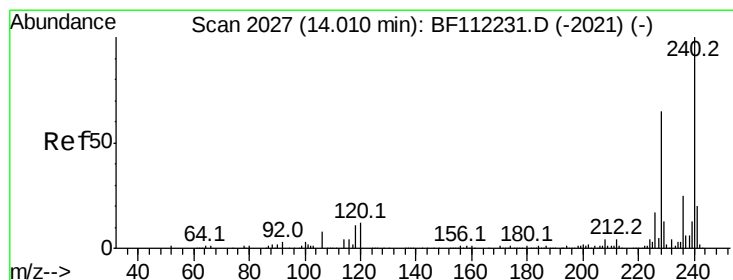
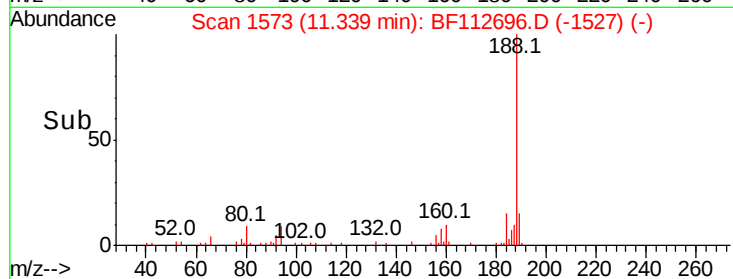
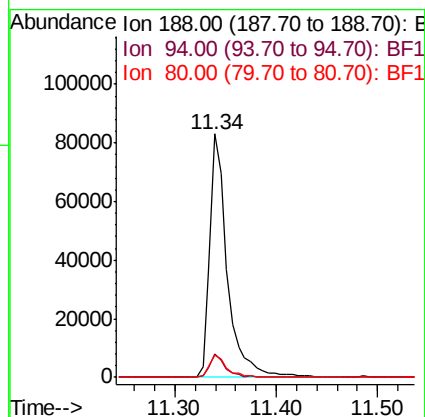
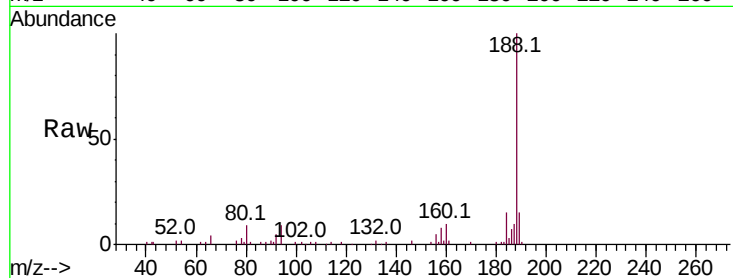




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.03 min
Lab File: BF112696.D
Acq: 25 Feb 2019 16:58

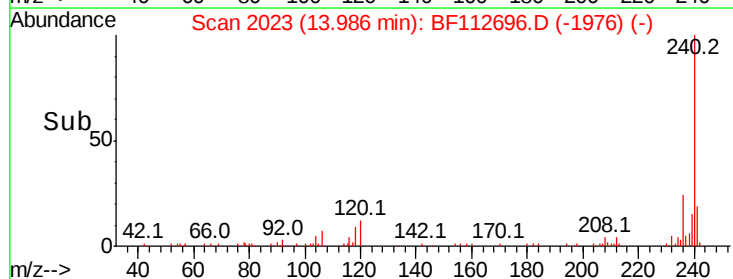
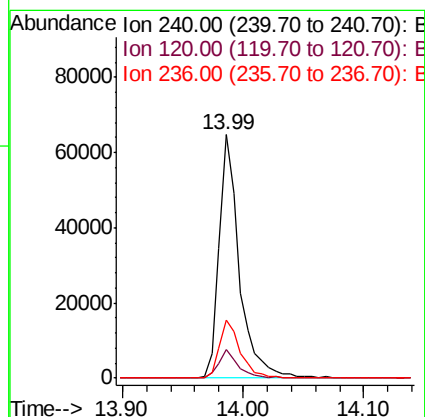
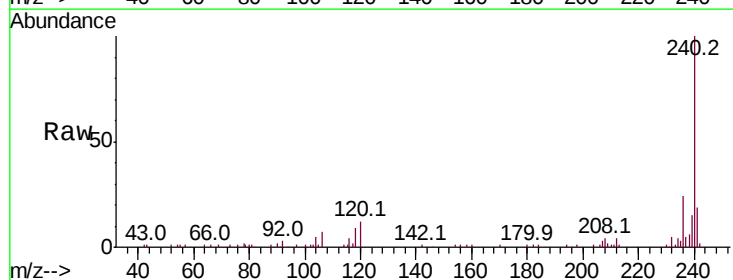
Instrument :
BNA_F
ClientSampled :
COMP-15

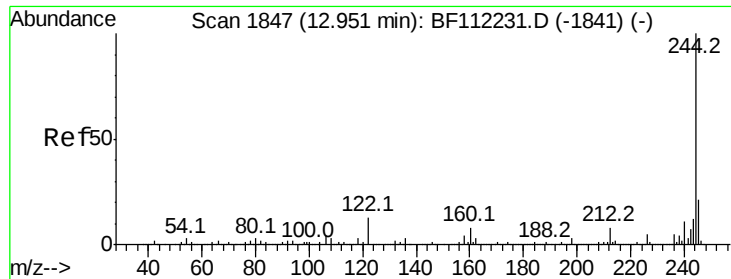
Tot Ion:188 Resp: 99998
Ion Ratio Lower Upper
188 100
94 9.5 8.2 12.2
80 9.1 8.9 13.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.02 min
Lab File: BF112696.D
Acq: 25 Feb 2019 16:58

Tgt Ion:240 Resp: 74323
Ion Ratio Lower Upper
240 100
120 11.9 9.0 13.6
236 23.8 20.7 31.1

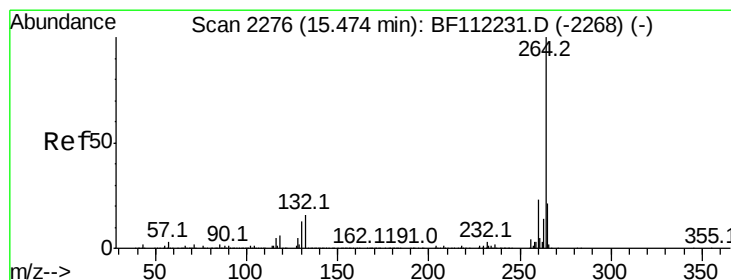
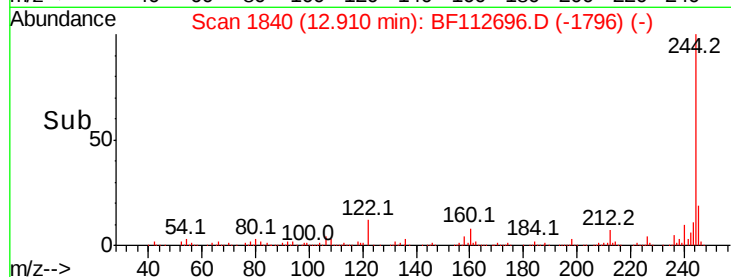
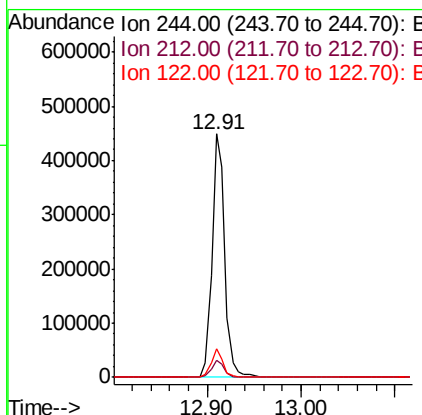
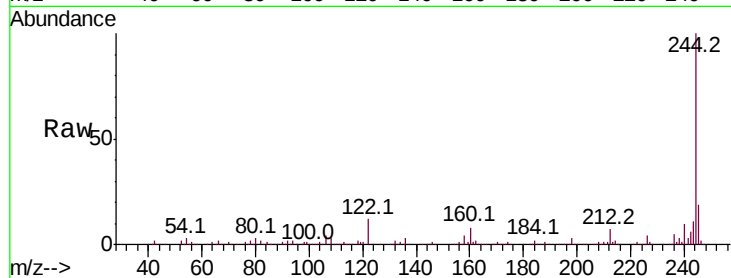




#79
 Terphenyl-d14
 Concen: 109.363 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. -0.04 min
 Lab File: BF112696.D
 Acq: 25 Feb 2019 16:58

Instrument :
 BNA_F
 ClientSampleId :
 COMP-15

Tot Ion:244 Resp: 431558
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.9 8.9
 122 11.9 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: BF112696.D
 Acq: 25 Feb 2019 16:58

Tgt Ion:264 Resp: 62042
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.2 27.2
 265 22.5 17.0 25.4

