

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083119\
 Data File : BF116698.D
 Acq On : 31 Aug 2019 14:44
 Operator : HP/JU
 Sample : K4646-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S602A-M-1.0-1.5-083019

Quant Time: Aug 31 17:51:28 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 30 20:02:30 2019
 Response via : Initial Calibration

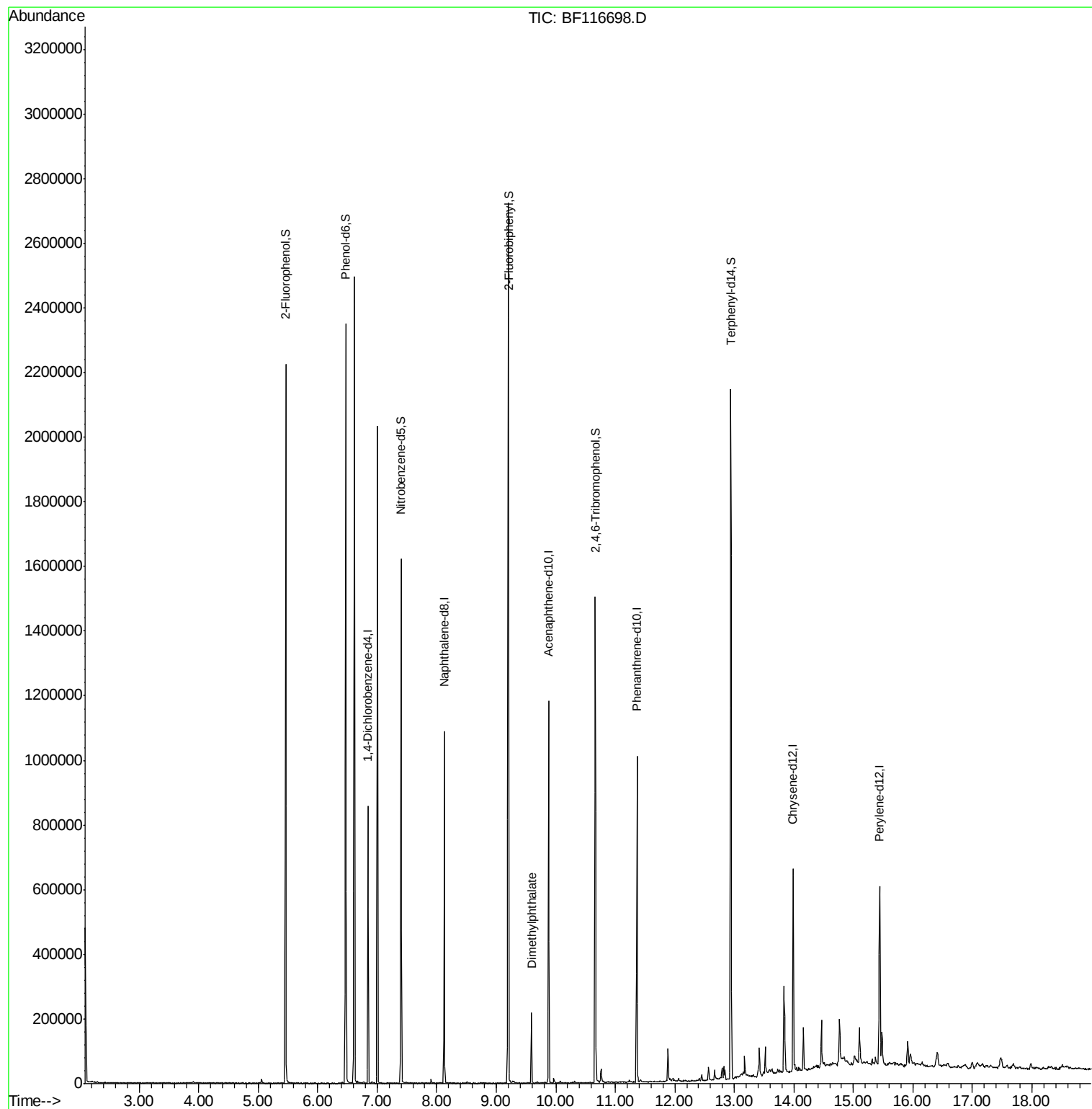
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	112813	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	445181	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	224921	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	354193	20.00	ng	0.00
76) Chrysene-d12	13.99	240	197597	20.00	ng	-0.01
87) Perylene-d12	15.44	264	245715	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	590985	84.87	ng	0.00
7) Phenol-d6	6.47	99	808082	88.37	ng	0.00
23) Nitrobenzene-d5	7.40	82	496382	63.65	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	141544	94.13	ng	-0.01
45) 2-Fluorobiphenyl	9.20	172	803390	60.25	ng	0.00
79) Terphenyl-d14	12.94	244	670205	62.75	ng	-0.01
Target Compounds						
50) Dimethylphthalate	9.59	163	78368	5.047	ng	Qvalue 96

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

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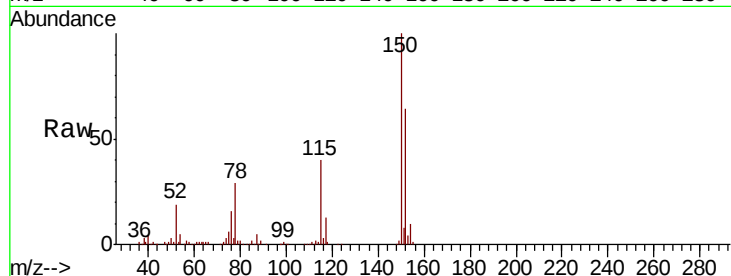


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF116698.D
Acq: 31 Aug 2019 14:44

Instrument :
BNA_F
ClientSampleId :
S602A-M-1.0-1.5-083019

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.0	124.4	186.6
115	63.3	49.9	74.9

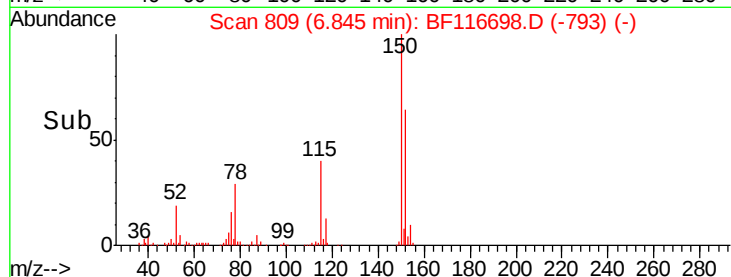
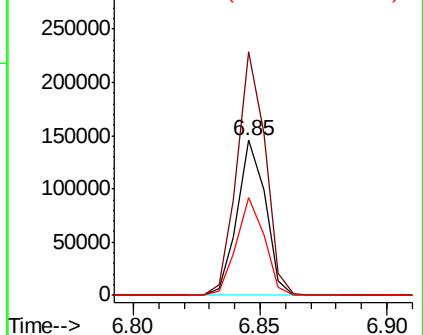


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

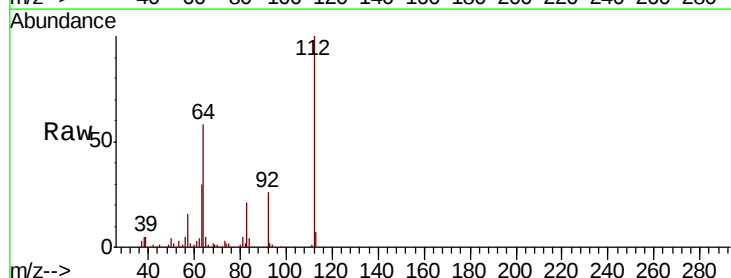
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 84.869 ng
RT: 5.46 min Scan# 574
Delta R.T. 0.00 min
Lab File: BF116698.D
Acq: 31 Aug 2019 14:44

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.3	47.1	70.7
63	30.2	24.9	37.3

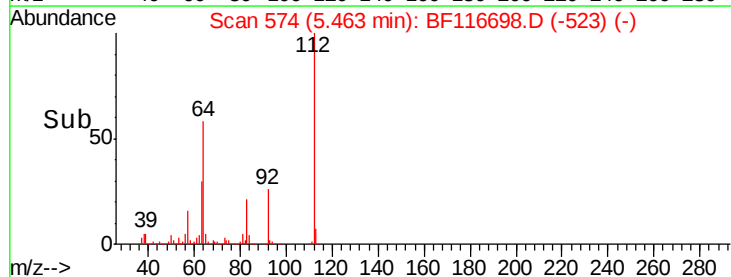
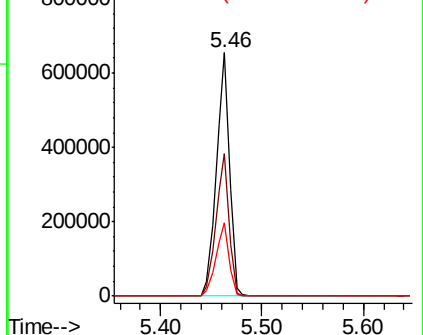


Abundance

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: 88.374 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF116698.D

Acq: 31 Aug 2019 14:44

Instrument :

BNA_F

ClientSampleId :

S602A-M-1.0-1.5-083019

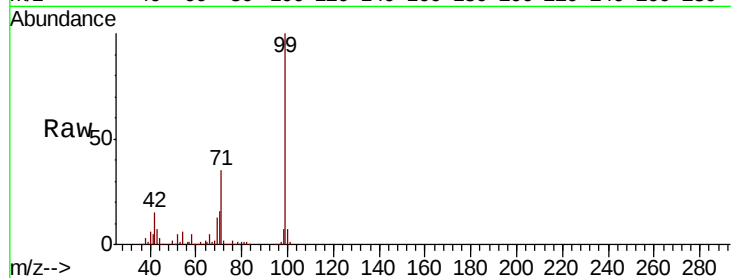
Tot Ion: 99 Resp: 808082

Ion Ratio Lower Upper

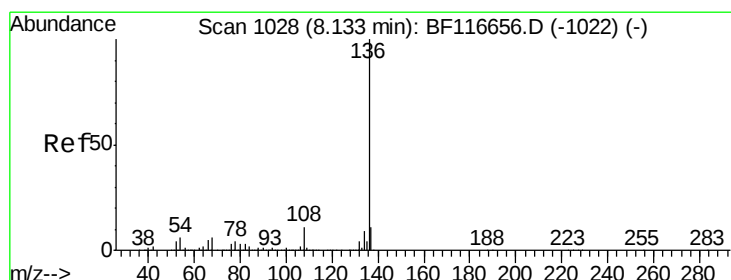
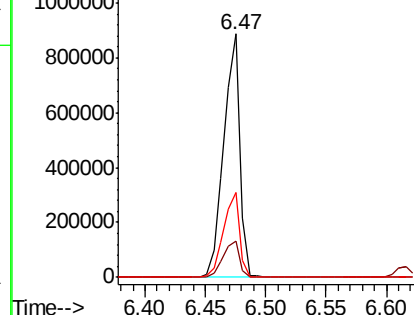
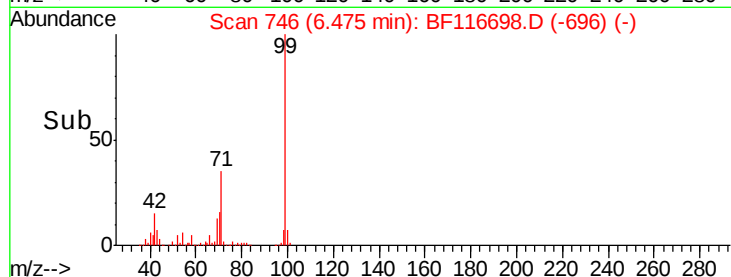
99 100

42 15.2 13.7 20.5

71 35.0 30.8 46.2



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: 8.13 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF116698.D

Acq: 31 Aug 2019 14:44

Tgt Ion: 136 Resp: 445181

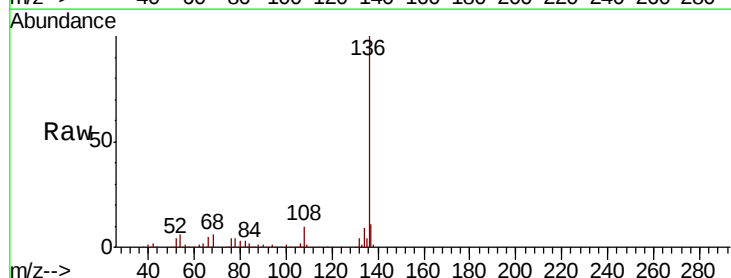
Ion Ratio Lower Upper

136 100

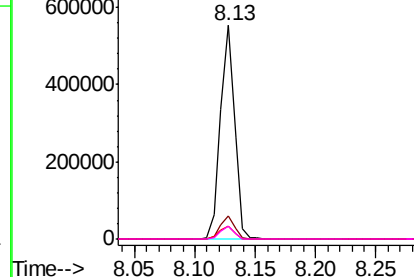
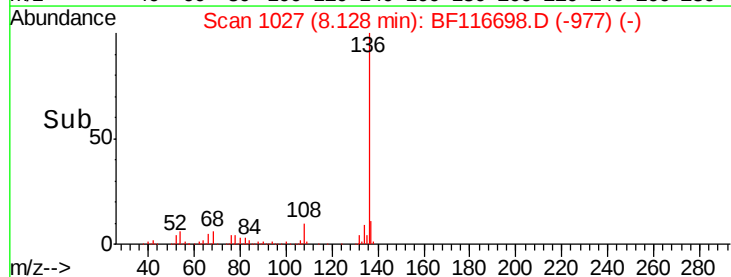
137 10.9 8.9 13.3

54 6.0 4.8 7.2

68 5.9 4.0 6.0



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: 63.653 ng

RT: 7.40 min Scan# 904

Delta R.T. -0.01 min

Lab File: BF116698.D

Acq: 31 Aug 2019 14:44

Instrument :

BNA_F

ClientSampleId :

S602A-M-1.0-1.5-083019

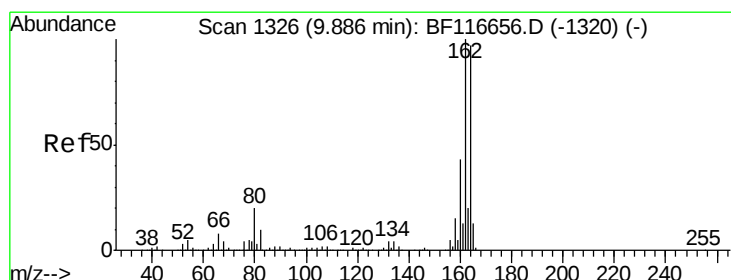
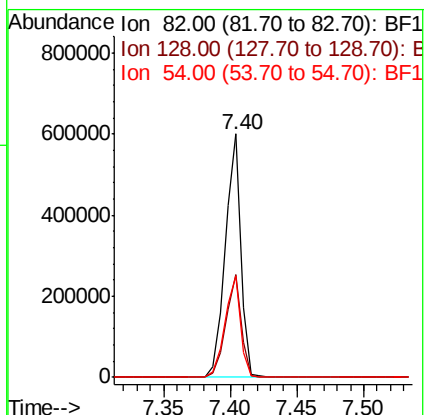
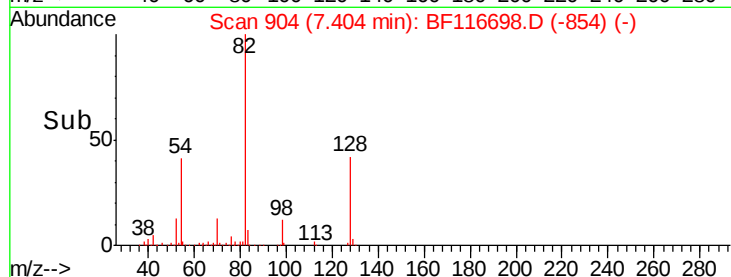
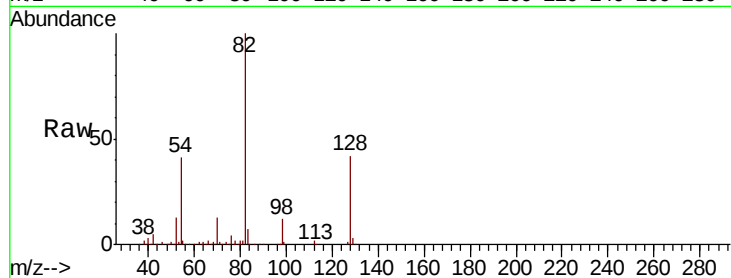
Tot Ion: 82 Resp: 496382

Ion Ratio Lower Upper

82 100

128 42.0 32.8 49.2

54 41.5 36.9 55.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BF116698.D

Acq: 31 Aug 2019 14:44

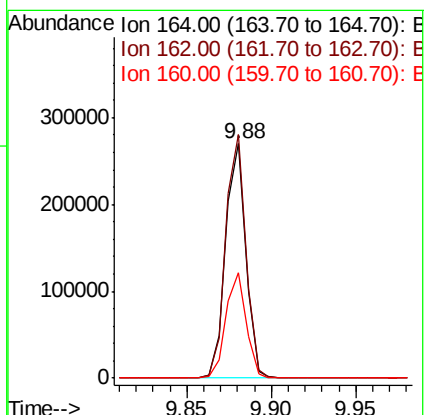
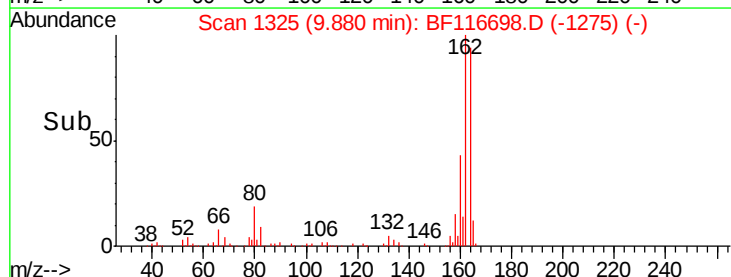
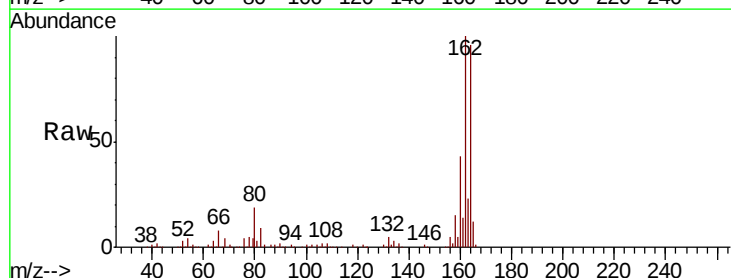
Tgt Ion: 164 Resp: 224921

Ion Ratio Lower Upper

164 100

162 104.0 81.4 122.0

160 44.8 35.4 53.2

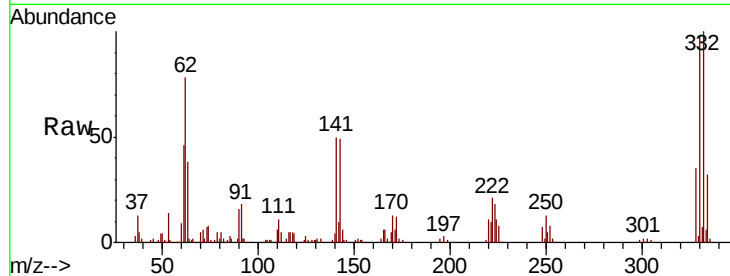




#42
 2,4,6-Tribromophenol
 Concen: 94.134 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.01 min
 Lab File: BF116698.D
 Acq: 31 Aug 2019 14:44

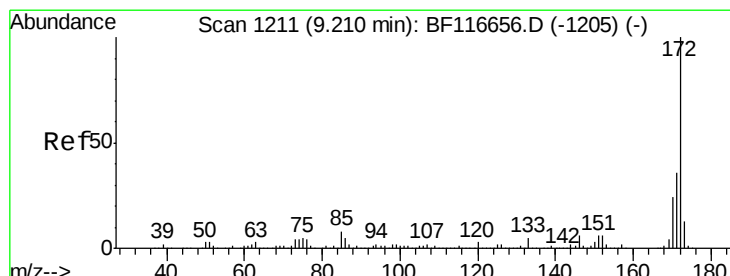
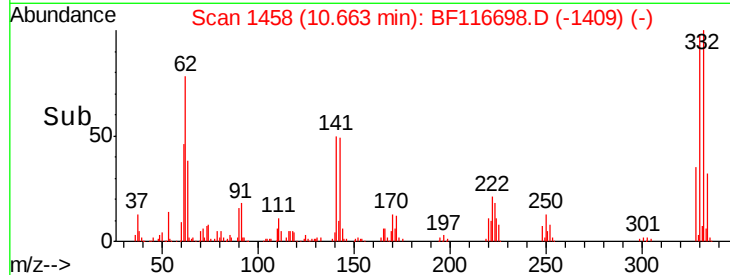
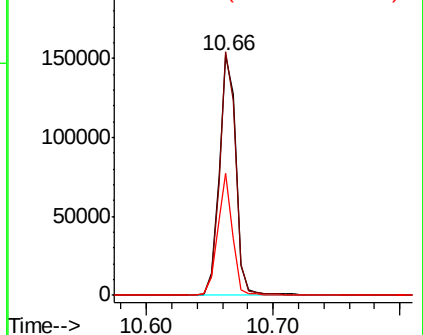
Instrument :
 BNA_F
 ClientSampleId :
 S602A-M-1.0-1.5-083019

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.9	76.9	115.3
141	45.1	31.4	47.2



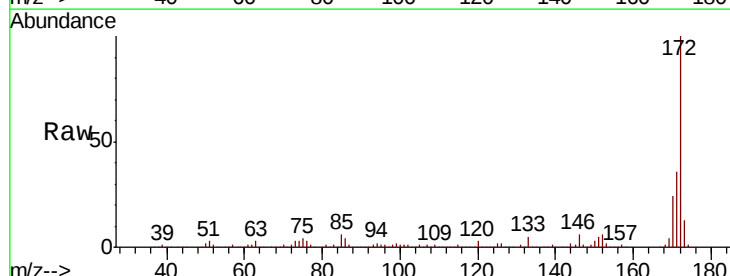
Abundance

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



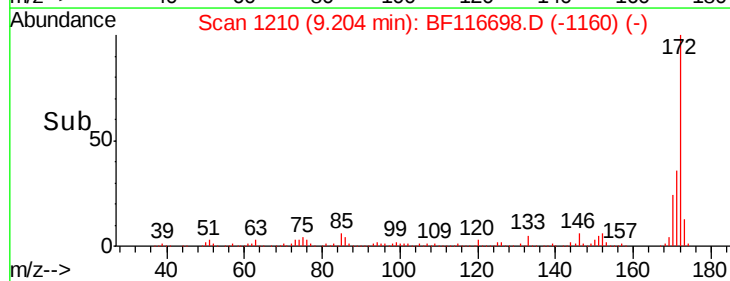
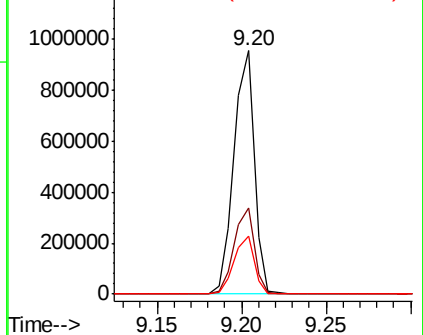
#45
 2-Fluorobiphenyl
 Concen: 60.254 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.00 min
 Lab File: BF116698.D
 Acq: 31 Aug 2019 14:44

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	27.8	41.6
170	23.7	18.9	28.3



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

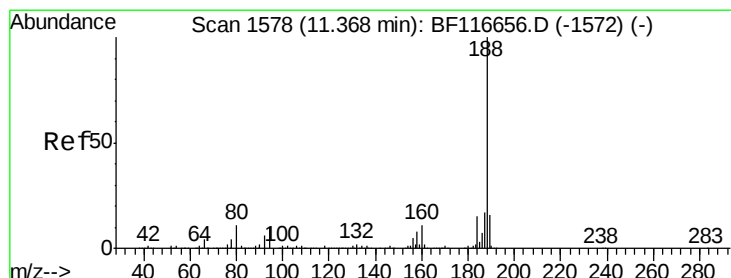
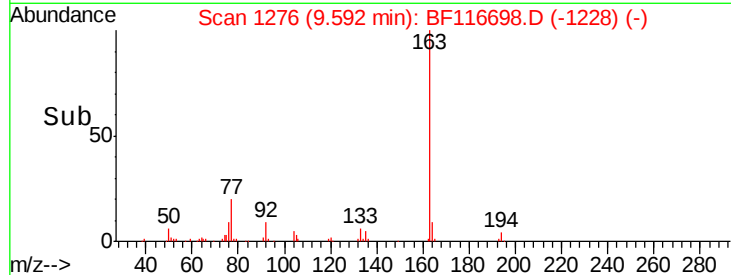
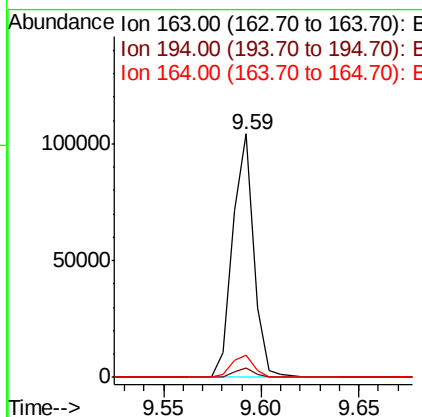
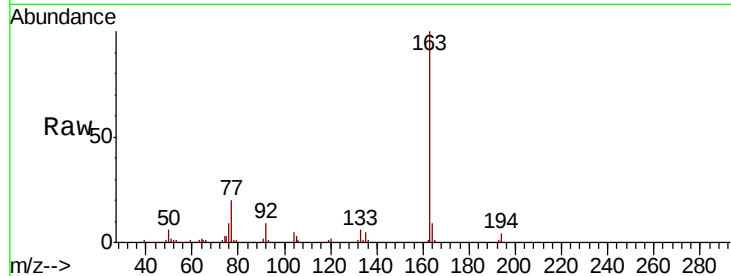




#50
Dimethylphthalate
Concen: 5.047 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.02 min
Lab File: BF116698.D
Acq: 31 Aug 2019 14:44

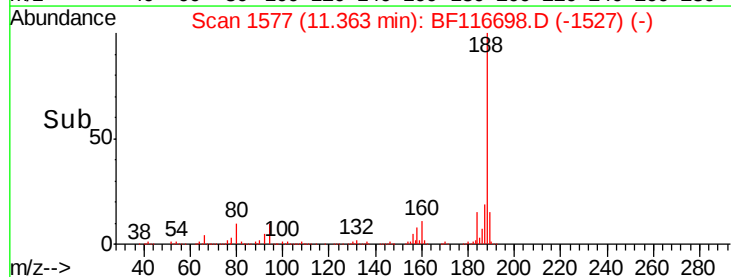
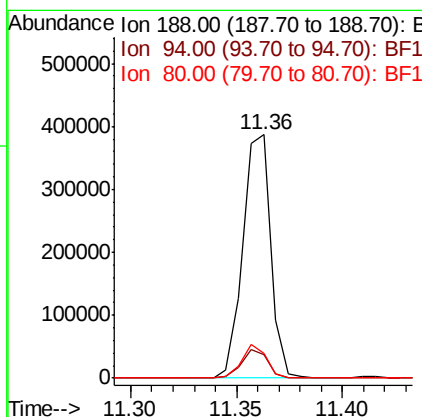
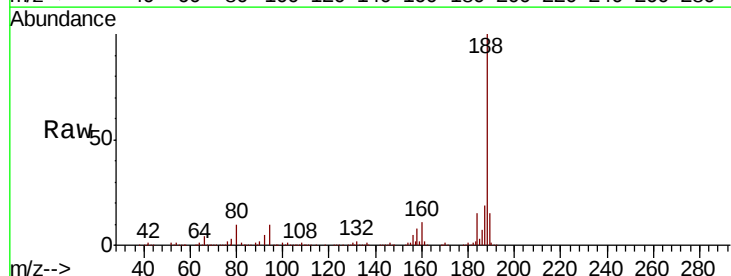
Instrument :
BNA_F
ClientSampleId :
S602A-M-1.0-1.5-083019

Tot Ion:163	Resp:	78368
Ion Ratio	Lower	Upper
163	100	
194	3.8	2.8 4.2
164	8.9	8.6 12.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF116698.D
Acq: 31 Aug 2019 14:44

Tgt Ion:188	Resp:	354193
Ion Ratio	Lower	Upper
188	100	
94	9.8	7.3 10.9
80	10.4	8.4 12.6

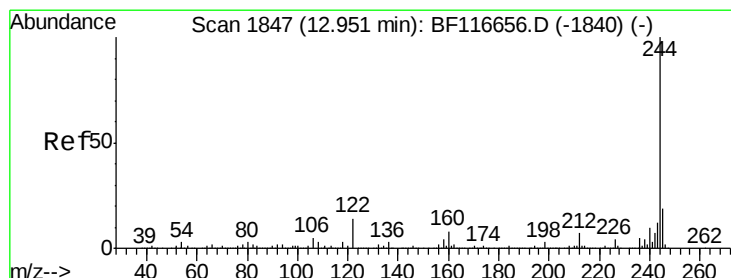
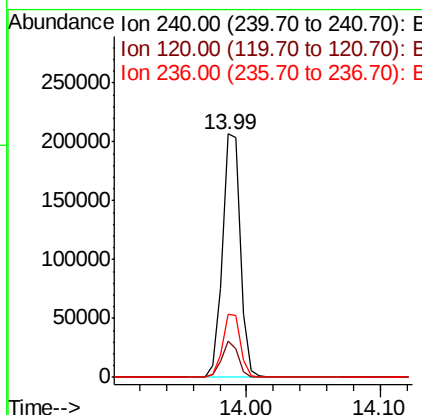
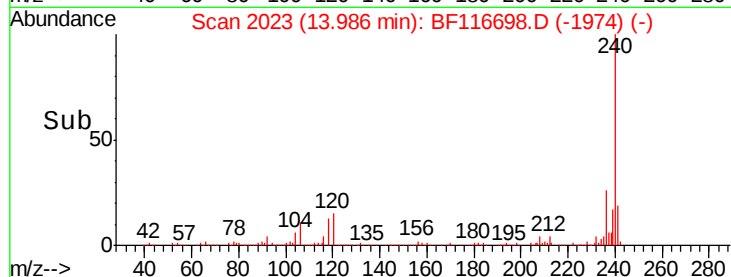
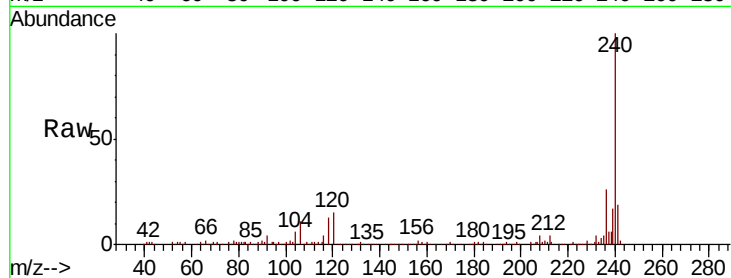




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BF116698.D
Acq: 31 Aug 2019 14:44

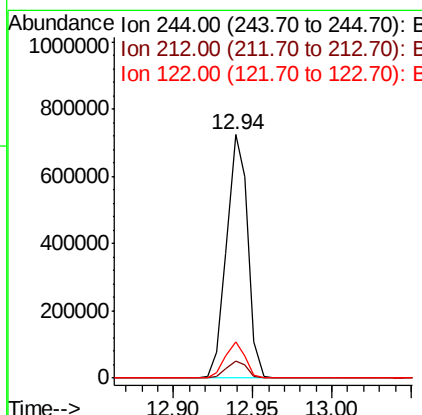
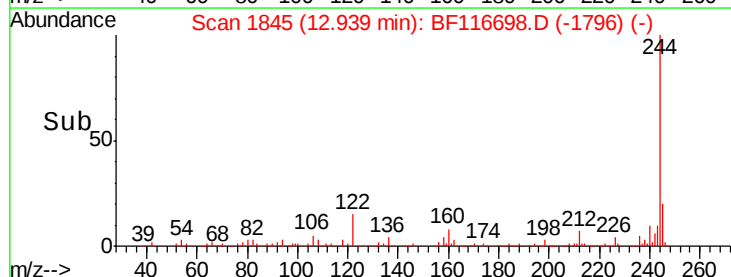
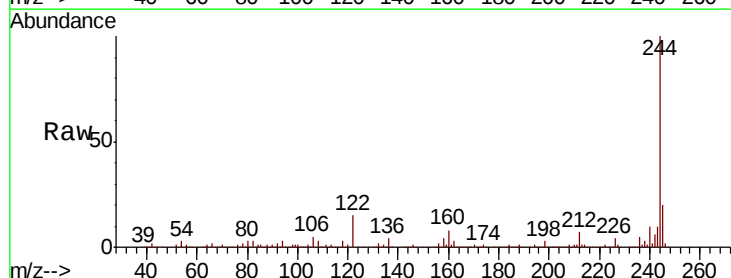
Instrument :
BNA_F
ClientSampleId :
S602A-M-1.0-1.5-083019

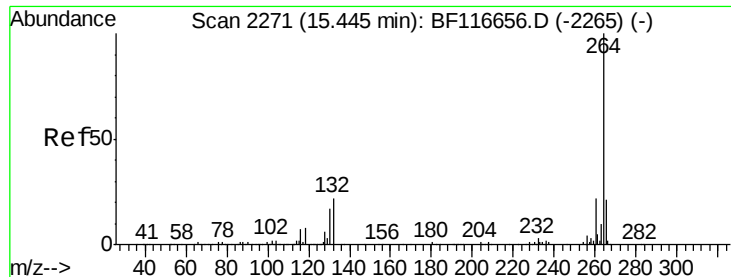
Tot Ion:240 Resp: 197597
Ion Ratio Lower Upper
240 100
120 14.8 9.1 13.7#
236 26.2 21.1 31.7



#79
Terphenyl-d14
Concen: 62.746 ng
RT: 12.94 min Scan# 1845
Delta R.T. -0.01 min
Lab File: BF116698.D
Acq: 31 Aug 2019 14:44

Tgt Ion:244 Resp: 670205
Ion Ratio Lower Upper
244 100
212 7.1 6.1 9.1
122 14.8 10.2 15.4





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2271
Delta R.T. 0.00 min
Lab File: BF116698.D
Acq: 31 Aug 2019 14:44

Instrument :
BNA_F
ClientSampleId :
S602A-M-1.0-1.5-083019

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.3	27.5
265	20.8	16.5	24.7

