

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121518\
 Data File : BF111496.D
 Acq On : 16 Dec 2018 5:36
 Operator : JU/SJ
 Sample : J6199-08
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-04-121218-B

Quant Time: Dec 17 01:20:01 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 14 13:26:17 2018
 Response via : Initial Calibration

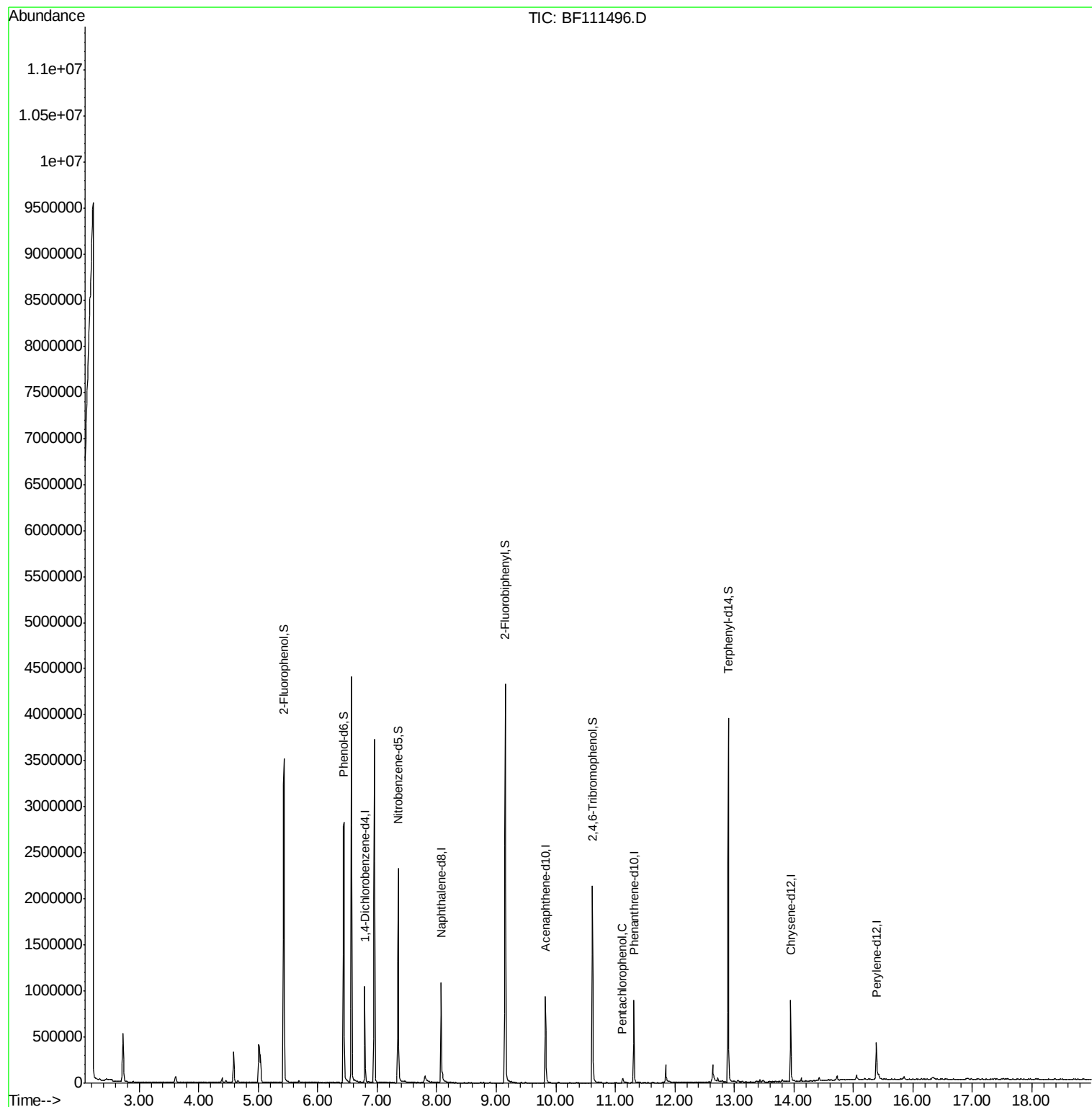
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	144746	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	503194	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	190281	20.00	ng	0.00
64) Phenanthrene-d10	11.31	188	323875	20.00	ng	0.00
76) Chrysene-d12	13.94	240	324494	20.00	ng	0.00
87) Perylene-d12	15.39	264	206553	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	992955	114.15	ng	0.02
7) Phenol-d6	6.44	99	1009467	87.25	ng	0.00
23) Nitrobenzene-d5	7.35	82	821493	97.22	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	228583	134.10	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	1346985	109.34	ng	0.00
79) Terphenyl-d14	12.90	244	1338047	96.83	ng	0.00
Target Compounds						
70) Pentachlorophenol	11.12	266	9306	4.225	ng	Qvalue 89

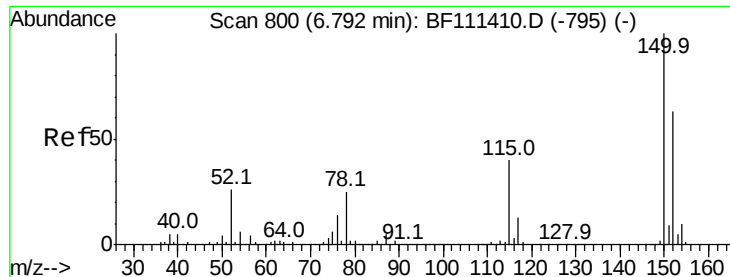
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.79 min Scan# 800

Delta R.T. 0.00 min

Lab File: BF111496.D

Acq: 16 Dec 2018 5:36

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BNA_F

ClientSampleId :

SU-04-121218-B

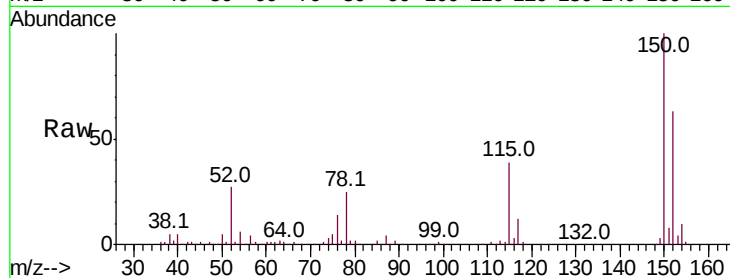
Tot Ion:152 Resp: 144746

Ion Ratio Lower Upper

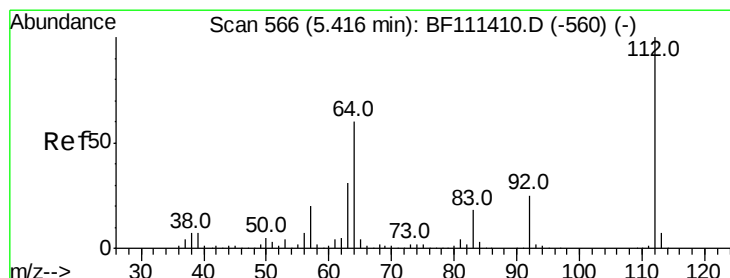
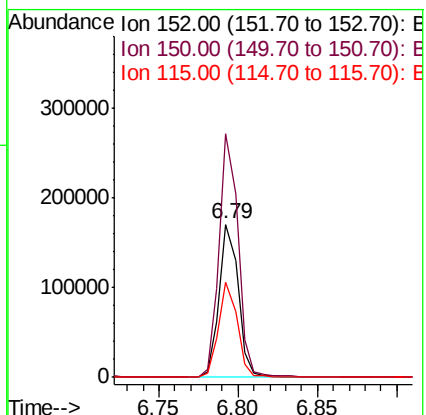
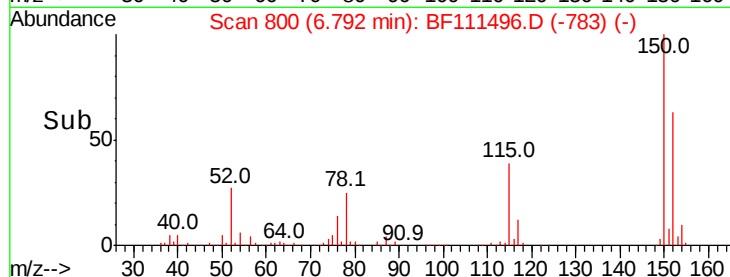
152 100

150 158.8 126.6 189.8

115 62.5 50.7 76.1



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: 114.154 ng

RT: 5.43 min Scan# 569

Delta R.T. 0.02 min

Lab File: BF111496.D

Acq: 16 Dec 2018 5:36

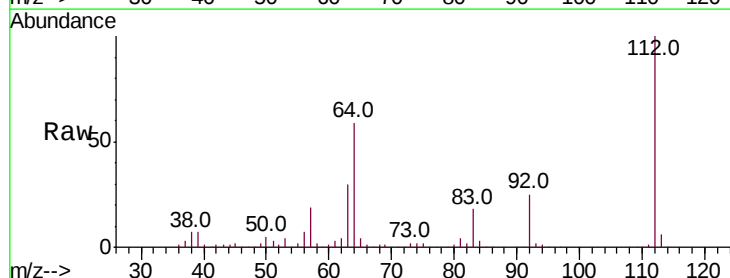
Tgt Ion:112 Resp: 992955

Ion Ratio Lower Upper

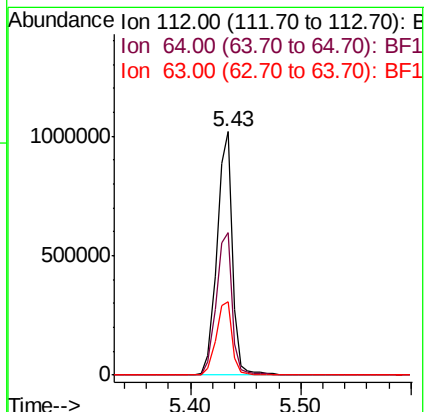
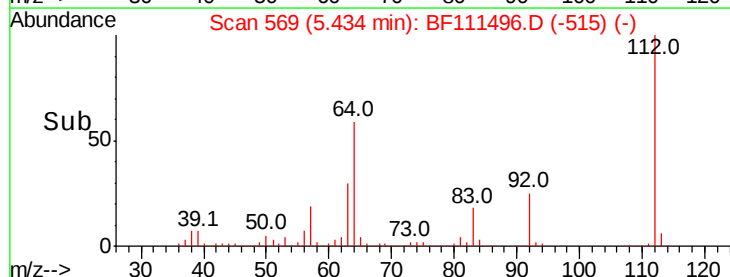
112 100

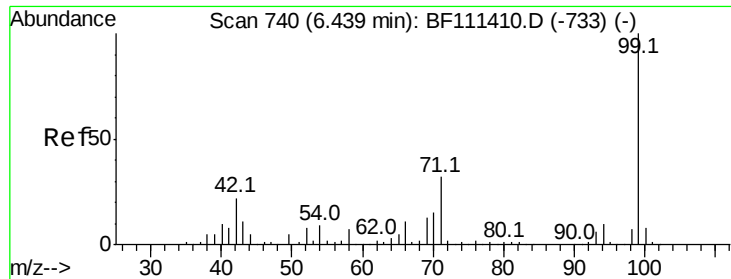
64 58.6 51.8 77.6

63 30.3 26.8 40.2



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: 87.246 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF111496.D

Acq: 16 Dec 2018 5:36

Instrument :

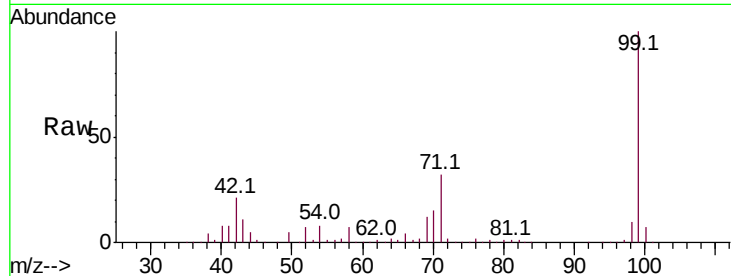
BNA_F

ClientSampleId :

SU-04-121218-B

Tot Ion: 99 Resp: 1009467

Ion	Ratio	Lower	Upper
99	100		
42	21.5	17.4	26.0
71	31.6	26.1	39.1

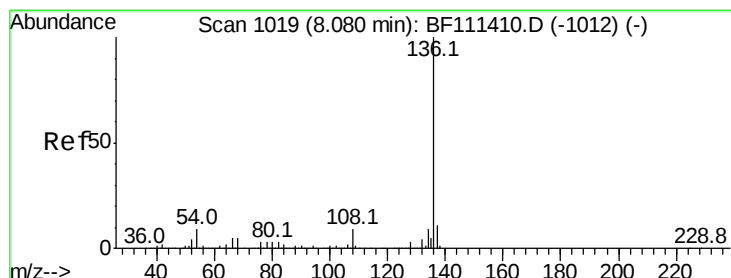
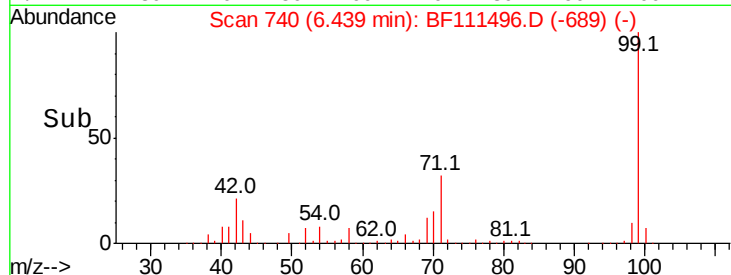


Abundance

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: 8.07 min Scan# 1018

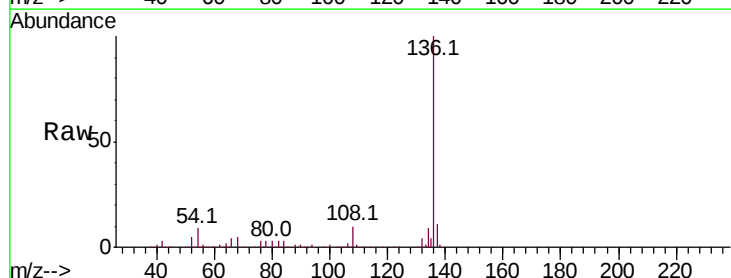
Delta R.T. -0.01 min

Lab File: BF111496.D

Acq: 16 Dec 2018 5:36

Tgt Ion: 136 Resp: 503194

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	9.0	7.7	11.5
68	4.6	4.9	7.3#



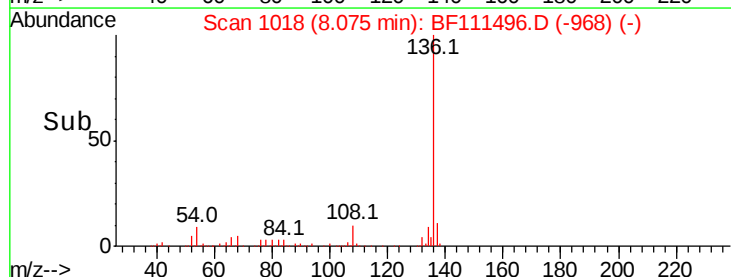
Abundance

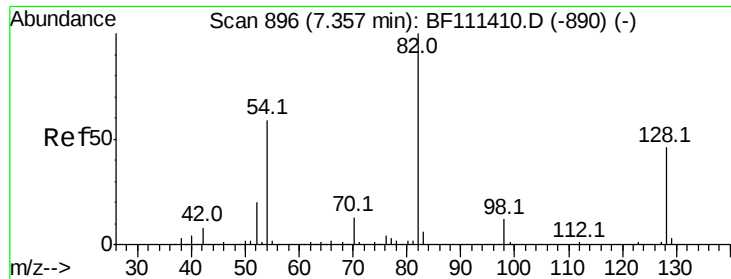
Ion 136.00 (135.70 to 136.70): E

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

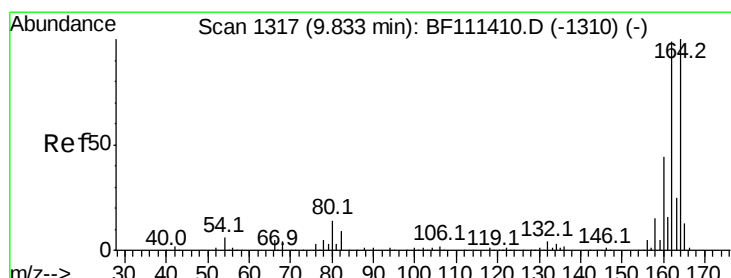
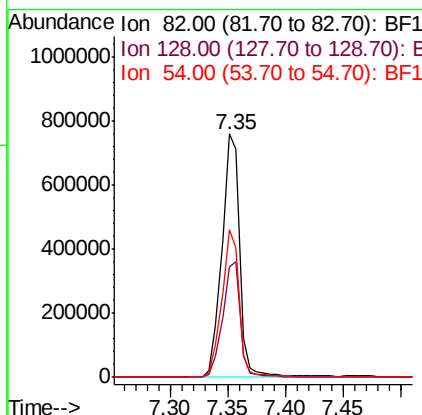
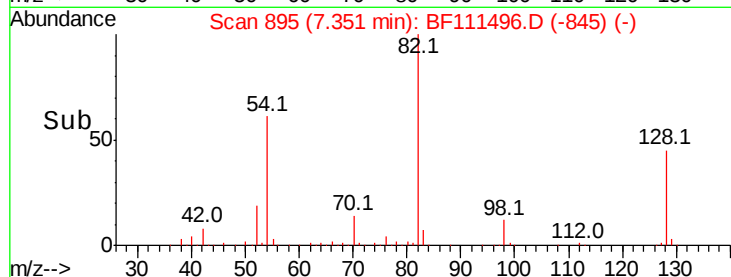
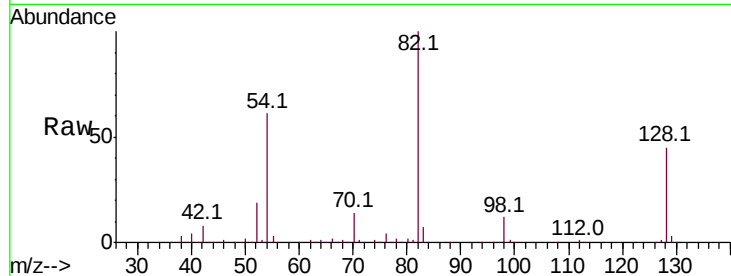




#23
 Nitrobenzene-d5
 Concen: 97.217 ng
 RT: 7.35 min Scan# 895
 Delta R.T. -0.01 min
 Lab File: BF111496.D
 Acq: 16 Dec 2018 5:36

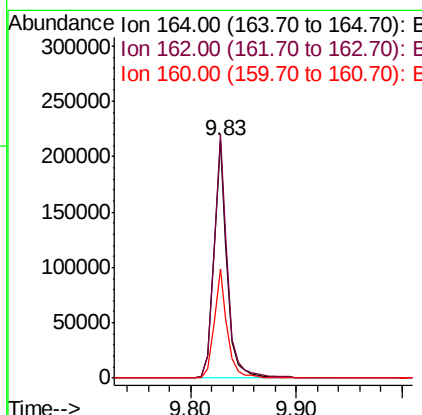
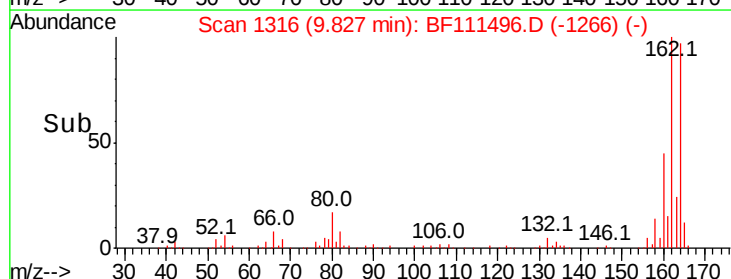
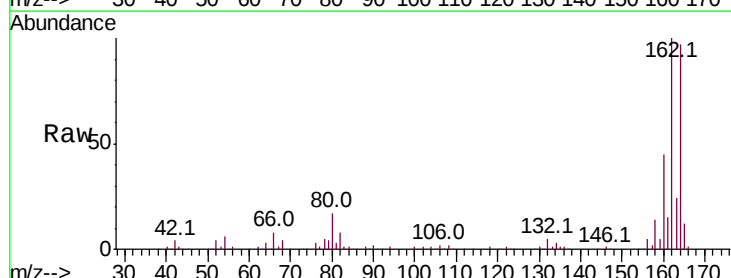
Instrument :
 BNA_F
 ClientSampleId :
 SU-04-121218-B

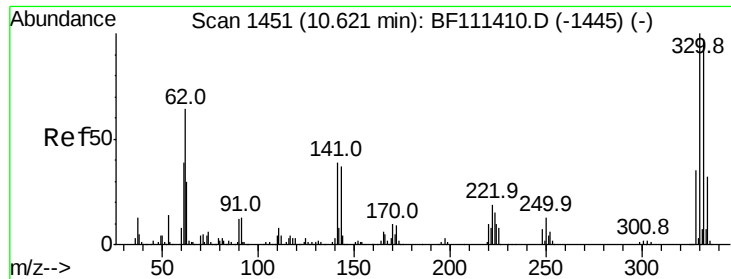
Tot Ion: 82 Resp: 821493
 Ion Ratio Lower Upper
 82 100
 128 45.3 37.4 56.2
 54 60.9 47.6 71.4



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: BF111496.D
 Acq: 16 Dec 2018 5:36

Tgt Ion:164 Resp: 190281
 Ion Ratio Lower Upper
 164 100
 162 102.6 81.4 122.0
 160 46.1 35.7 53.5

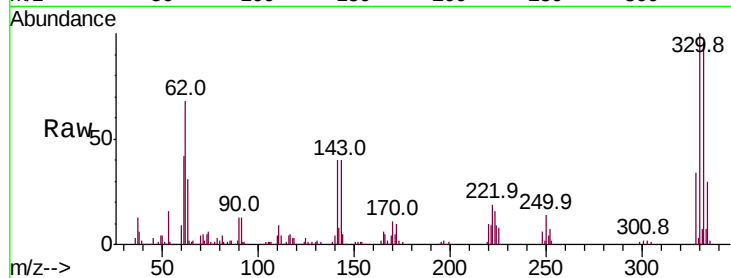




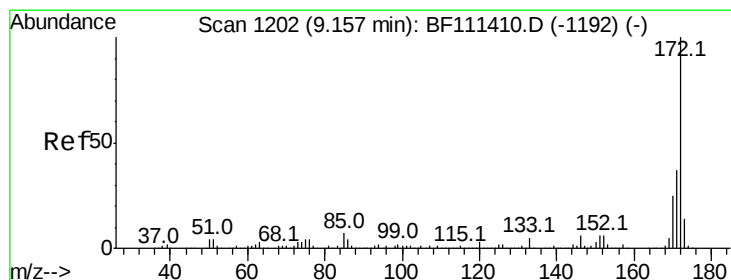
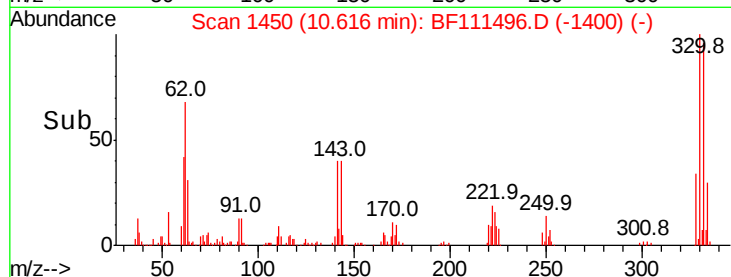
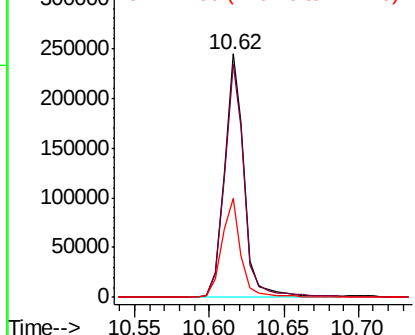
#42
 2,4,6-Tribromophenol
 Concen: 134.105 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.01 min
 Lab File: BF111496.D
 Acq: 16 Dec 2018 5:36

Instrument :
 BNA_F
 ClientSampleId :
 SU-04-121218-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	76.0	114.0
141	39.2	31.0	46.6

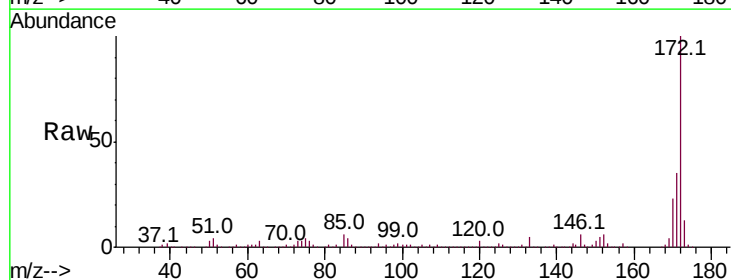


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

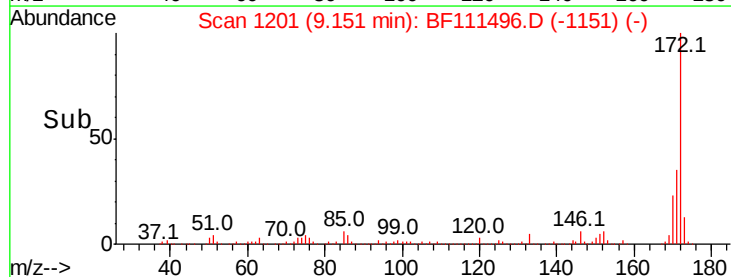
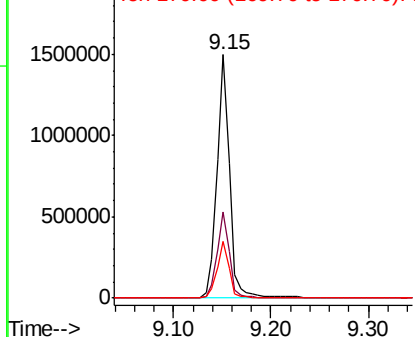


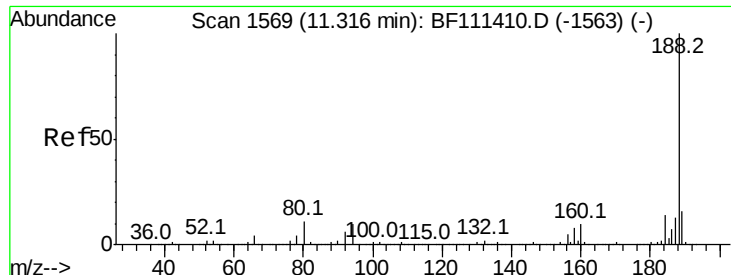
#45
 2-Fluorobiphenyl
 Concen: 109.344 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF111496.D
 Acq: 16 Dec 2018 5:36

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.2	33.0	49.4
170	23.4	22.3	33.5



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

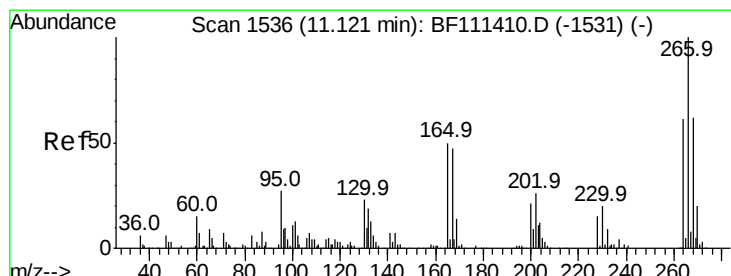
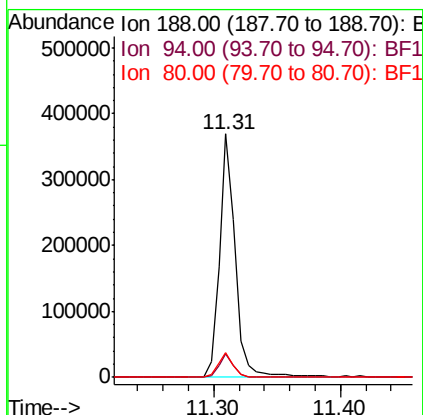
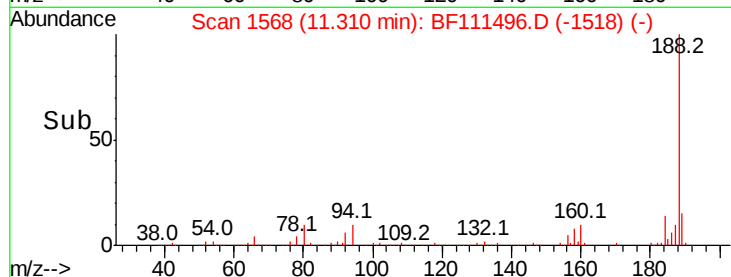
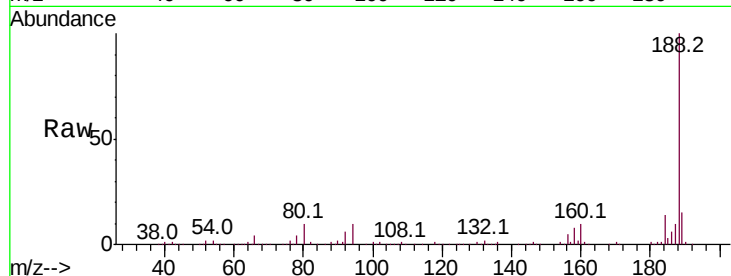




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.31 min Scan# 1568
 Delta R.T. -0.01 min
 Lab File: BF111496.D
 Acq: 16 Dec 2018 5:36

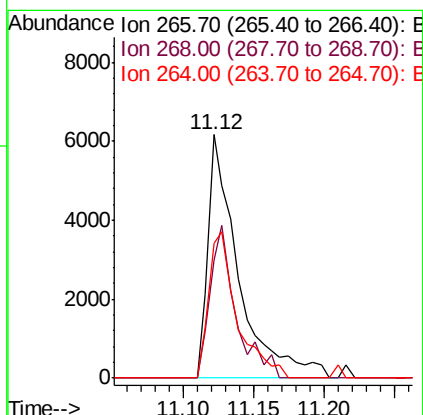
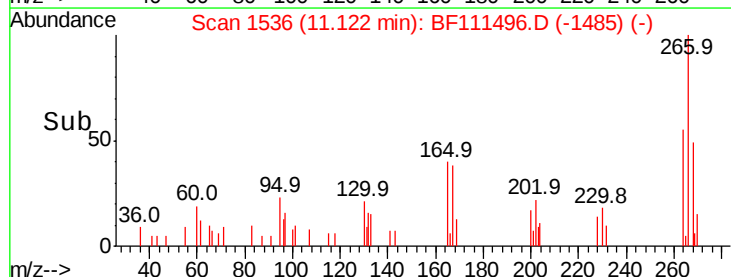
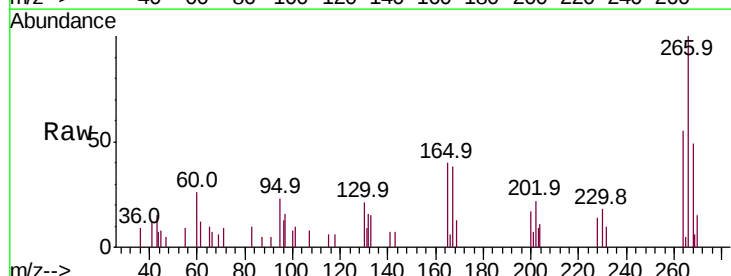
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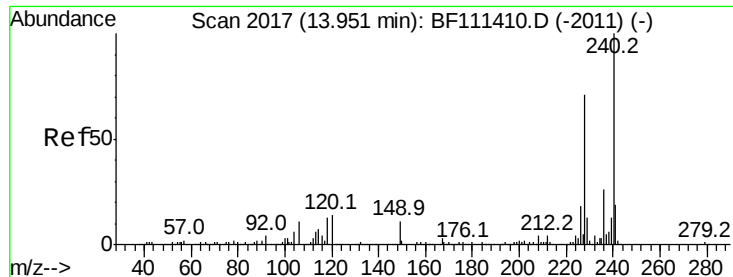
Tot Ion:188 Resp: 323875
 Ion Ratio Lower Upper
 188 100
 94 9.8 9.6 14.4
 80 10.0 9.8 14.6



#70
 Pentachlorophenol
 Concen: 4.225 ng
 RT: 11.12 min Scan# 1536
 Delta R.T. 0.00 min
 Lab File: BF111496.D
 Acq: 16 Dec 2018 5:36

Tgt Ion:266 Resp: 9306
 Ion Ratio Lower Upper
 266 100
 268 48.8 47.9 71.9
 264 55.3 49.1 73.7

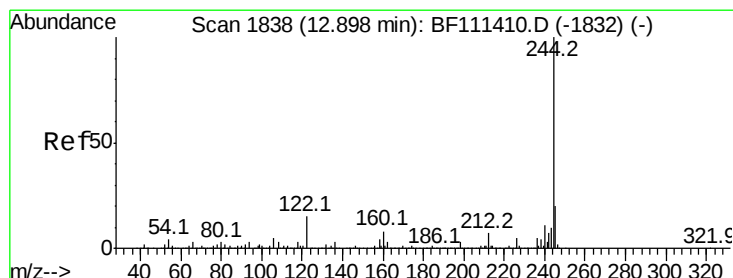
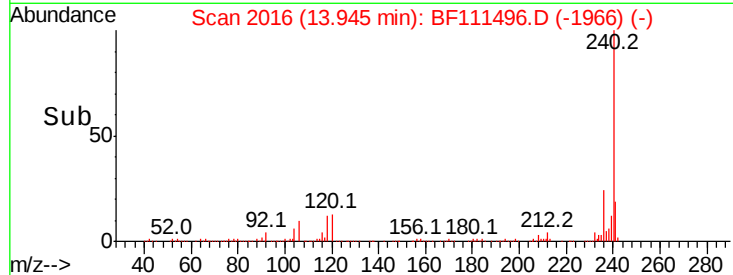
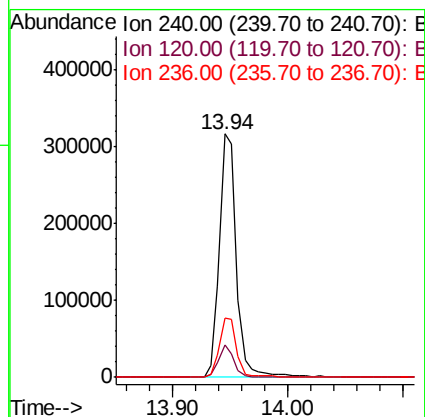
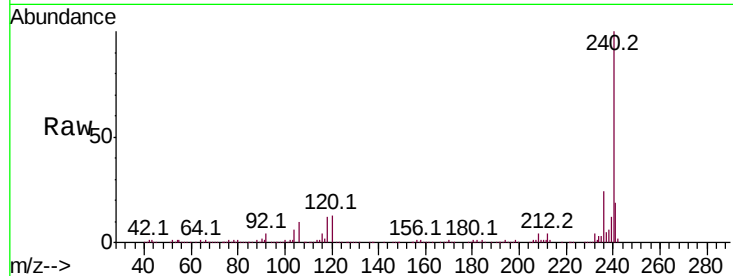




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.94 min Scan# 2016
 Delta R.T. -0.01 min
 Lab File: BF111496.D
 Acq: 16 Dec 2018 5:36

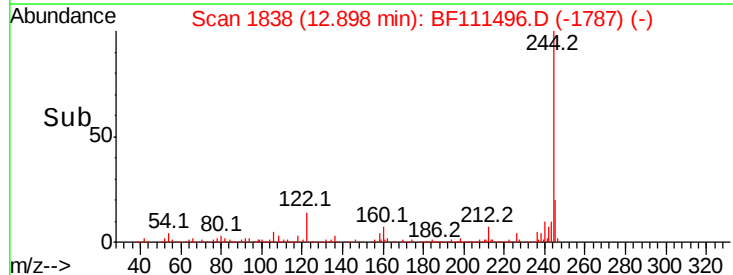
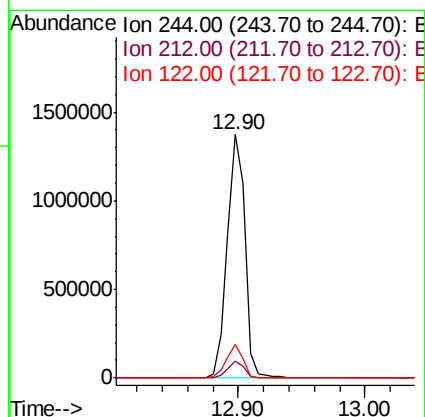
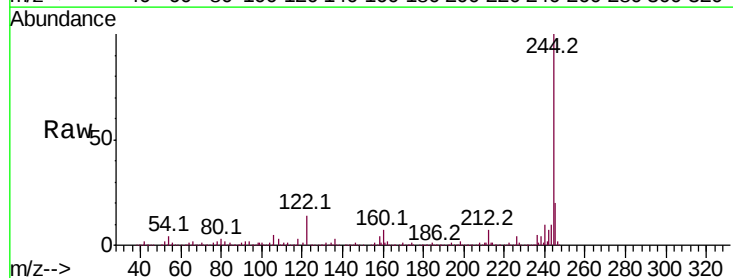
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 SU-04-121218-B

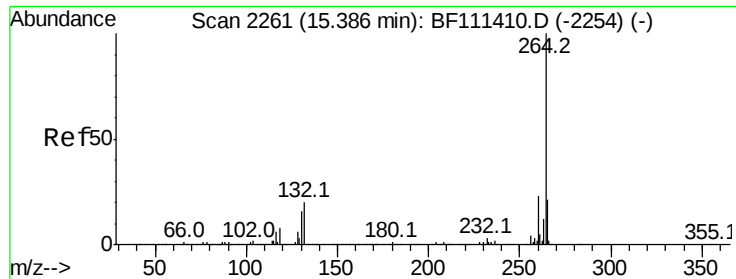
Tot Ion:240 Resp: 324494
 Ion Ratio Lower Upper
 240 100
 120 13.4 12.2 18.2
 236 24.2 20.2 30.2



#79
 Terphenyl-d14
 Concen: 96.829 ng
 RT: 12.90 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: BF111496.D
 Acq: 16 Dec 2018 5:36

Tgt Ion:244 Resp: 1338047
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.7 8.5
 122 13.9 13.1 19.7





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.39 min Scan# 2261
Delta R.T. 0.00 min
Lab File: BF111496.D
Acq: 16 Dec 2018 5:36

Instrument :
BNA_F
ClientSampleId :
SU-04-121218-B

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.8	18.3	27.5
265	21.6	17.7	26.5

