

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121619\
 Data File : BF118215.D
 Acq On : 16 Dec 2019 23:59
 Operator : JU
 Sample : K6217-03
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TI-633

Quant Time: Dec 17 04:15:36 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 06 17:34:43 2019
 Response via : Initial Calibration

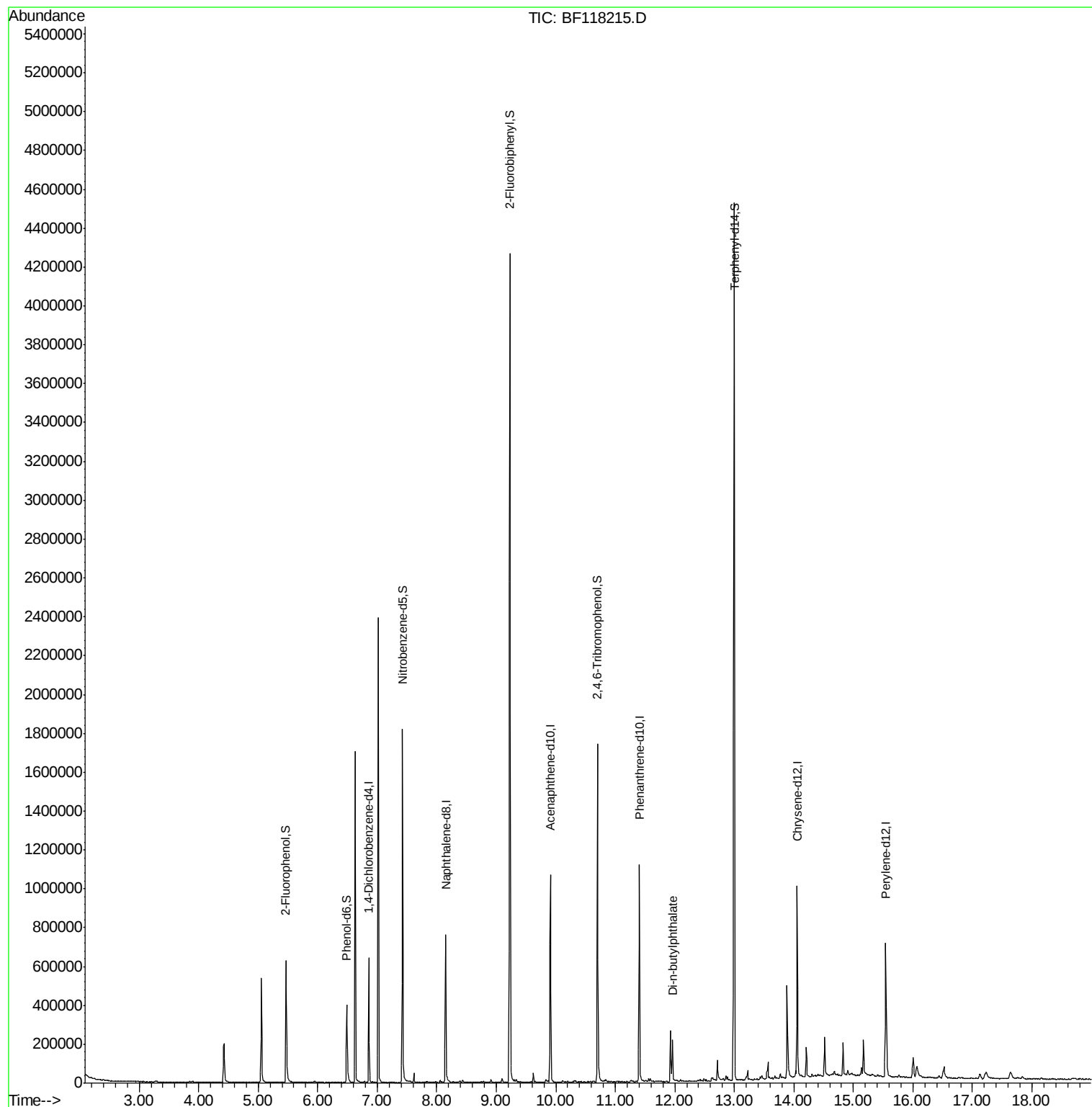
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	103562	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	390110	20.00	ng	0.00
39) Acenaphthene-d10	9.91	164	207805	20.00	ng	-0.01
64) Phenanthrene-d10	11.40	188	413020	20.00	ng	0.00
76) Chrysene-d12	14.06	240	331672	20.00	ng	-0.01
87) Perylene-d12	15.54	264	327267	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	198613	33.59	ng	-0.01
7) Phenol-d6	6.49	99	153443	21.46	ng	-0.01
23) Nitrobenzene-d5	7.43	82	560463	80.82	ng	-0.01
42) 2,4,6-Tribromophenol	10.70	330	223226	88.43	ng	-0.01
45) 2-Fluorobiphenyl	9.23	172	1201459	87.98	ng	-0.01
79) Terphenyl-d14	13.00	244	1515105	78.55	ng	0.00
Target Compounds						Qvalue
74) Di-n-butylphthalate	11.96	149	98726	4.014	ng	98

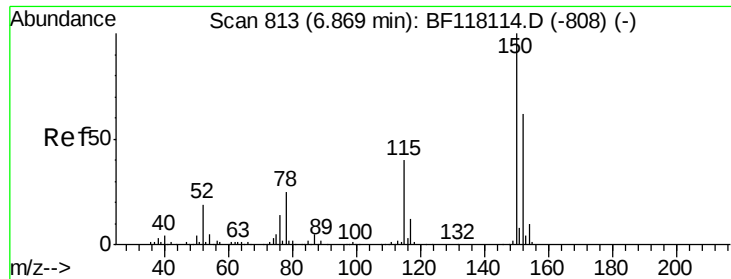
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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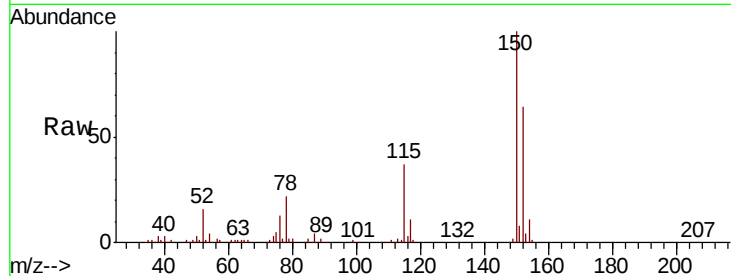


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF118215.D
Acq: 16 Dec 2019 23:59

Instrument :
BNA_F
ClientSampleId :
TI-633

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.2	128.3	192.5
115	58.2	51.1	76.7

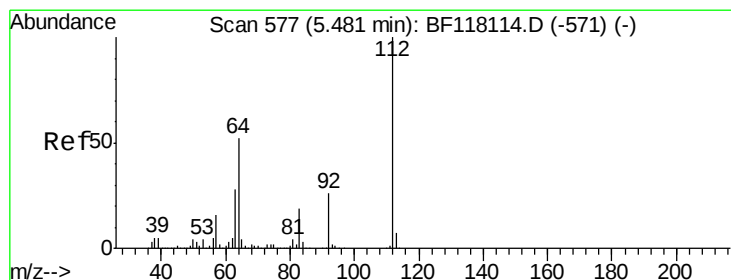
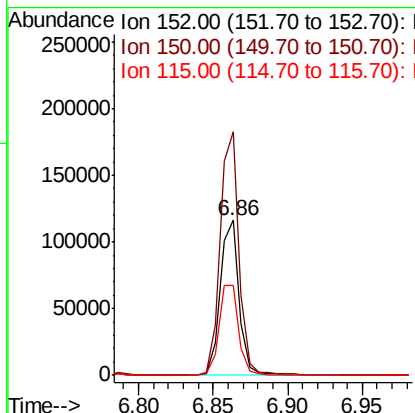
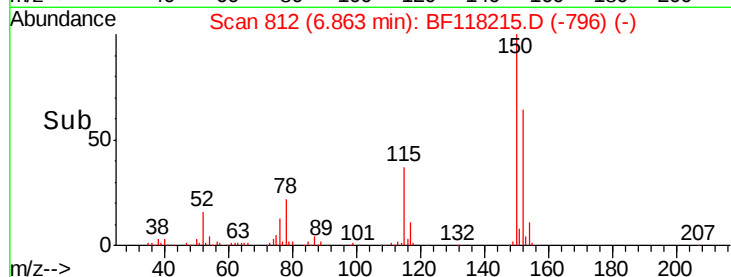


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

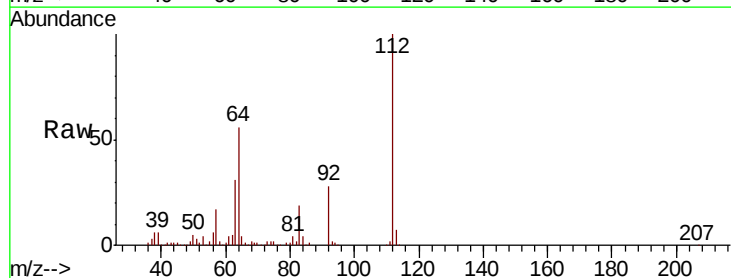
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 33.590 ng
RT: 5.47 min Scan# 575
Delta R.T. -0.01 min
Lab File: BF118215.D
Acq: 16 Dec 2019 23:59

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.1	41.3	61.9
63	31.1	22.4	33.6

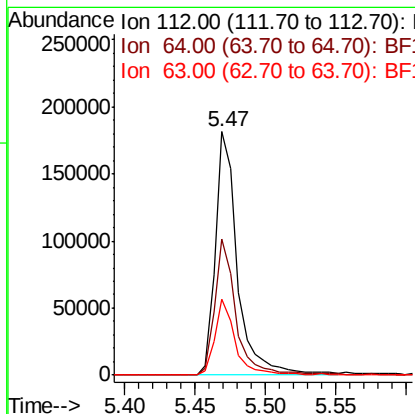
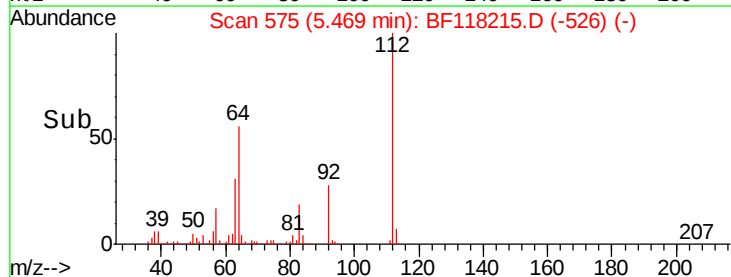


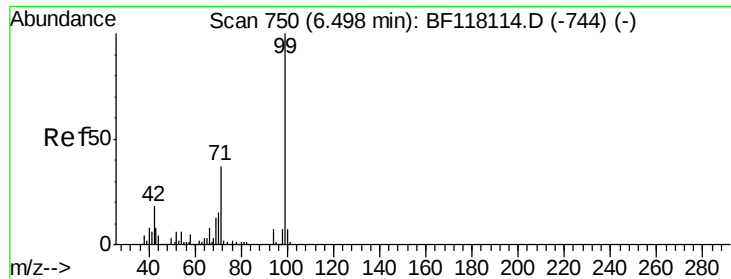
Abundance

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: 21.455 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF118215.D

Acq: 16 Dec 2019 23:59

Instrument :

BNA_F

ClientSampleId :

TI-633

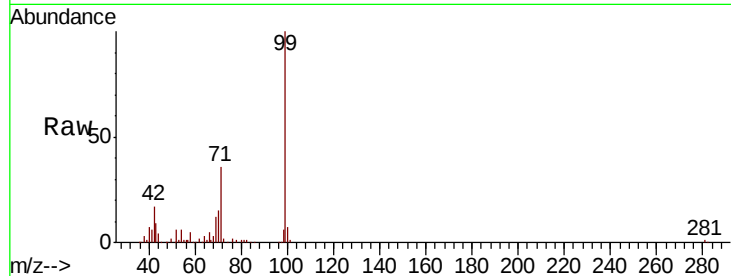
Tot Ion: 99 Resp: 153443

Ion Ratio Lower Upper

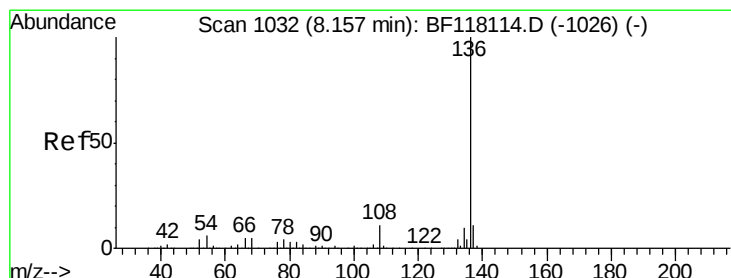
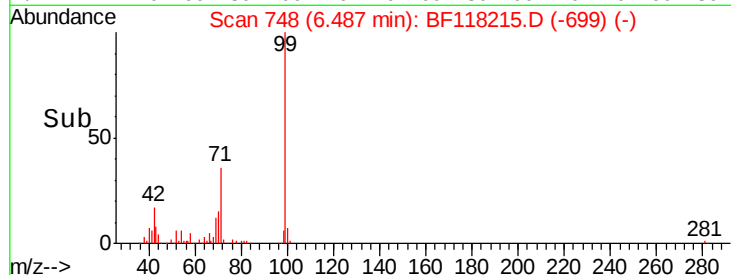
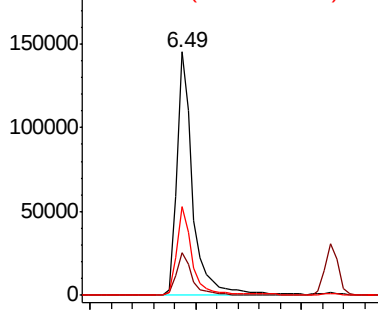
99 100

42 17.4 14.1 21.1

71 36.3 29.7 44.5



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: 8.15 min Scan# 1031

Delta R.T. -0.01 min

Lab File: BF118215.D

Acq: 16 Dec 2019 23:59

Tgt Ion: 136 Resp: 390110

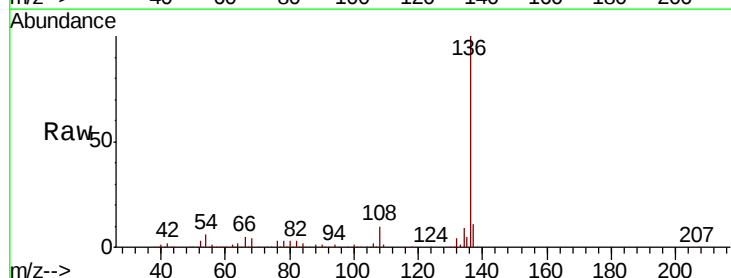
Ion Ratio Lower Upper

136 100

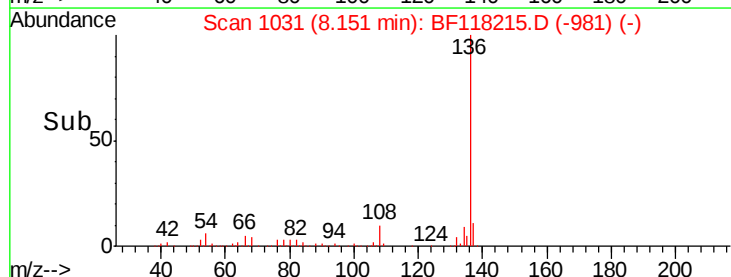
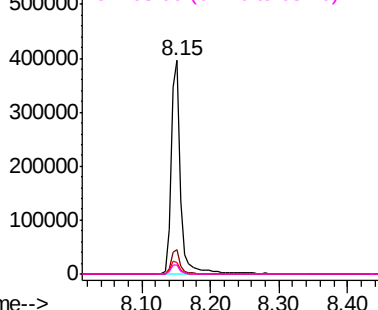
137 11.2 9.0 13.6

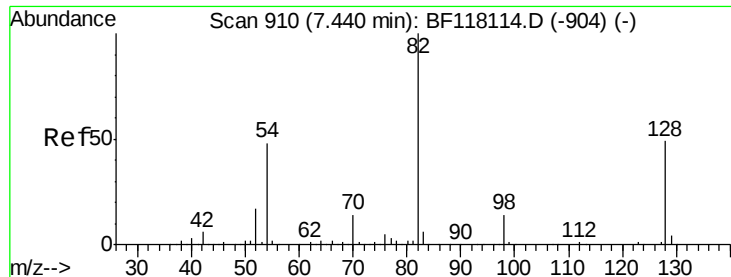
54 5.7 5.0 7.6

68 4.2 3.8 5.8



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: 80.824 ng

RT: 7.43 min Scan# 908

Delta R.T. -0.01 min

Lab File: BF118215.D

Acq: 16 Dec 2019 23:59

Instrument :

BNA_F

ClientSampleId :

TI-633

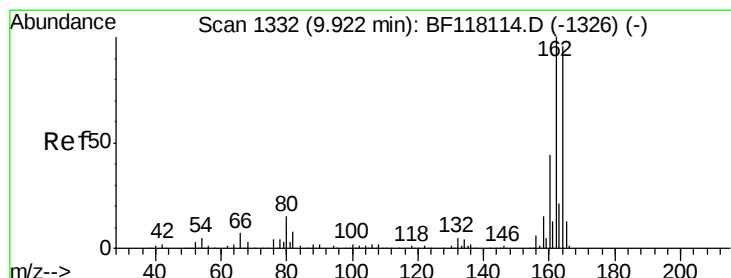
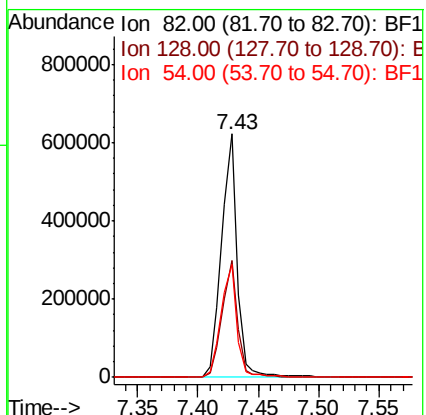
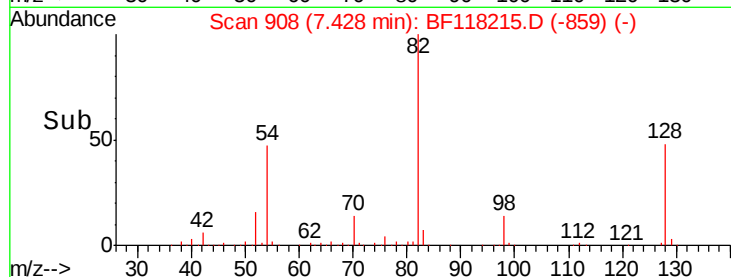
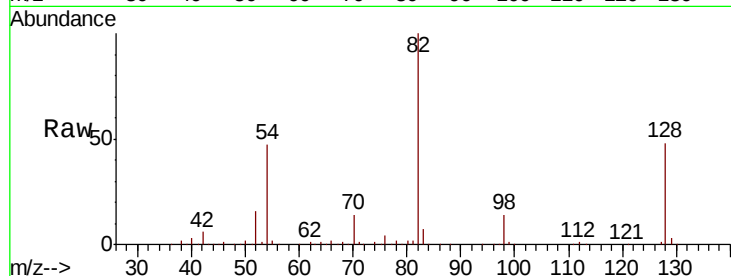
Tot Ion: 82 Resp: 560463

Ion Ratio Lower Upper

82 100

128 47.9 39.1 58.7

54 46.6 38.2 57.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.91 min Scan# 1330

Delta R.T. -0.01 min

Lab File: BF118215.D

Acq: 16 Dec 2019 23:59

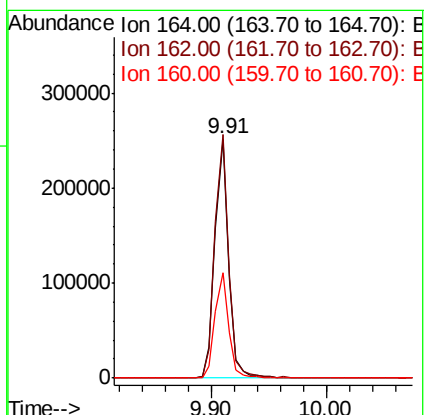
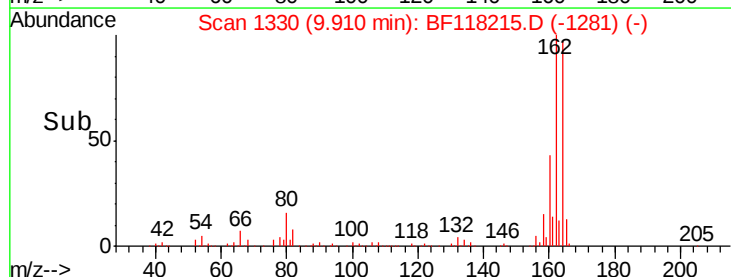
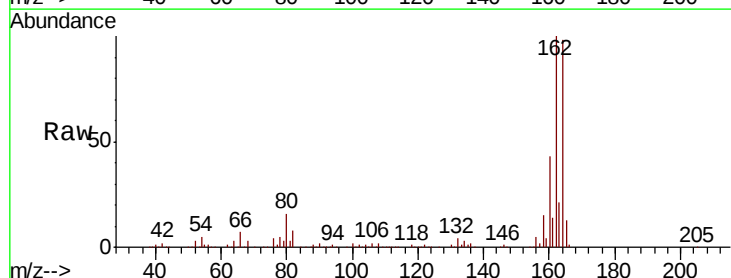
Tgt Ion:164 Resp: 207805

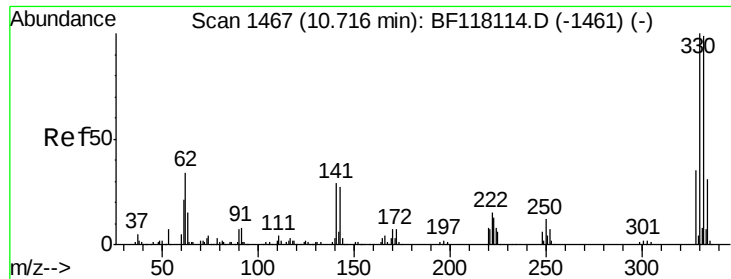
Ion Ratio Lower Upper

164 100

162 101.8 83.4 125.0

160 43.8 36.6 54.8

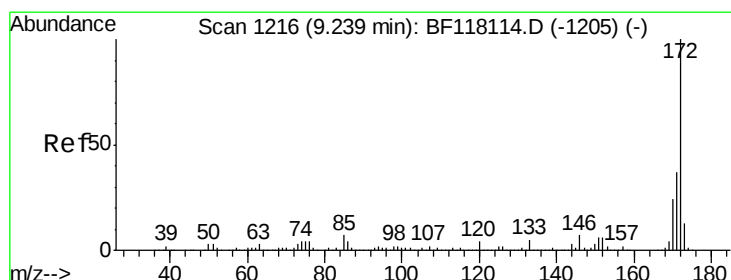
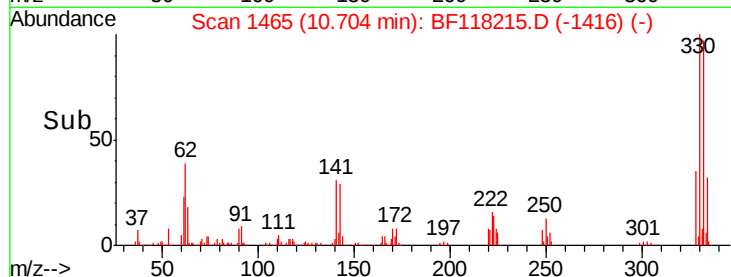
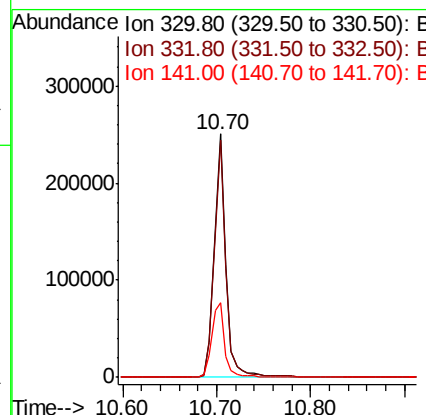
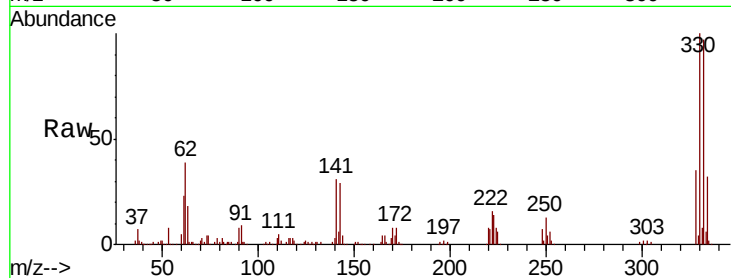




#42
 2,4,6-Tribromophenol
 Concen: 88.426 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BF118215.D
 Acq: 16 Dec 2019 23:59

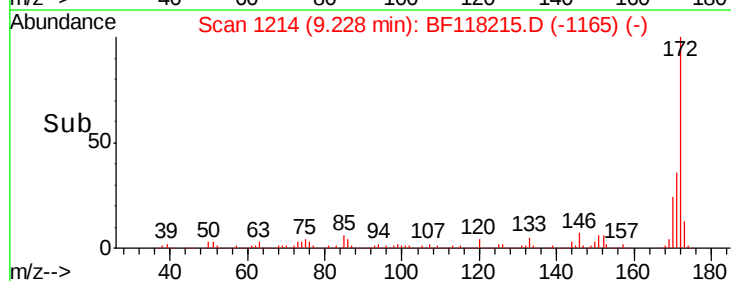
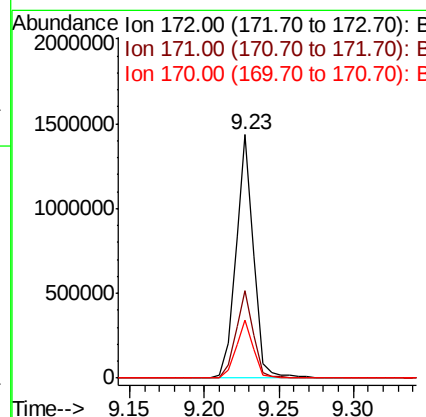
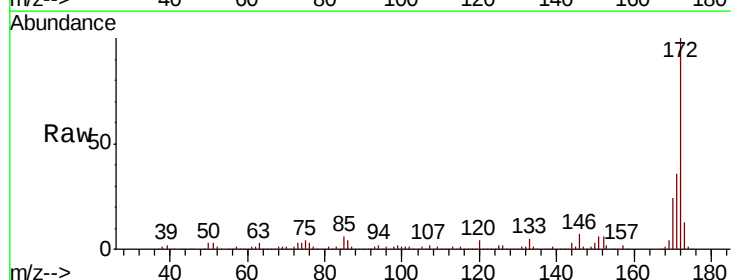
Instrument :
 BNA_F
 ClientSampleId :
 TI-633

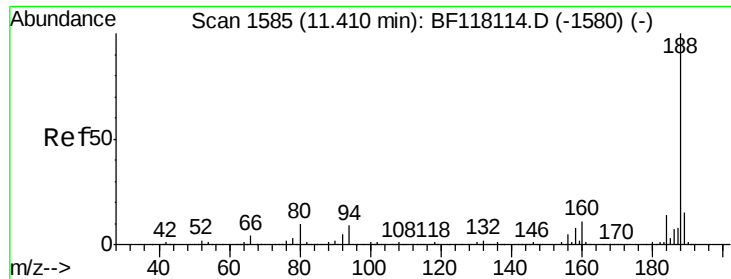
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.7	78.1	117.1
141	33.6	26.9	40.3



#45
 2-Fluorobiphenyl
 Concen: 87.976 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BF118215.D
 Acq: 16 Dec 2019 23:59

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.2	43.8
170	24.0	19.4	29.2

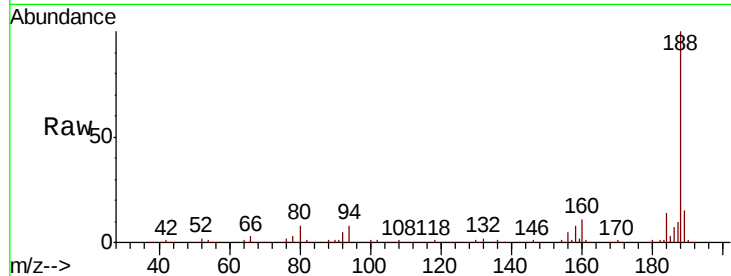




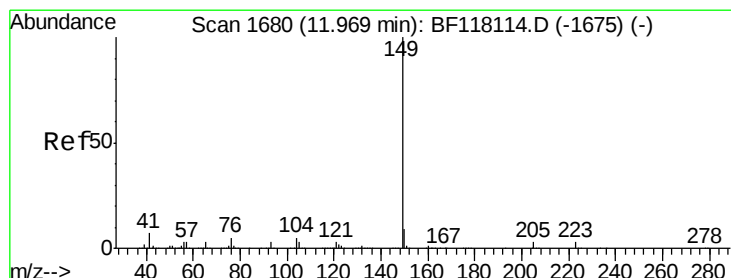
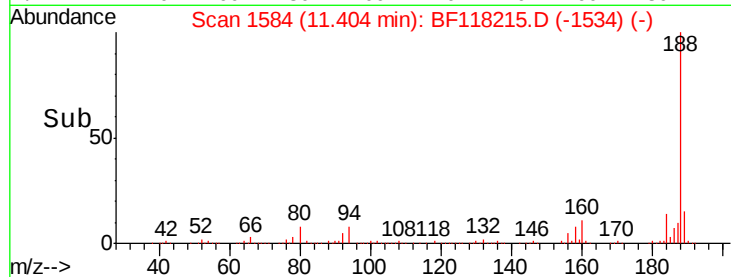
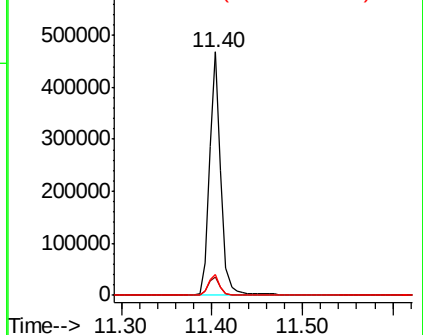
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF118215.D
Acq: 16 Dec 2019 23:59

Instrument :
BNA_F
ClientSampleId :
TI-633

Tot Ion:188 Resp: 413020
Ion Ratio Lower Upper
188 100
94 7.7 7.1 10.7
80 8.4 7.9 11.9

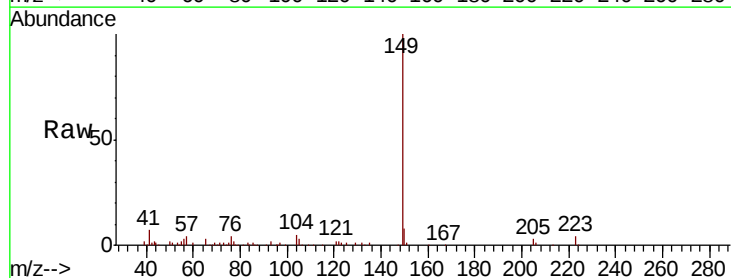


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

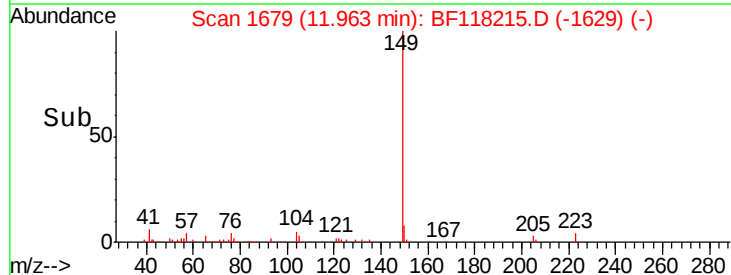
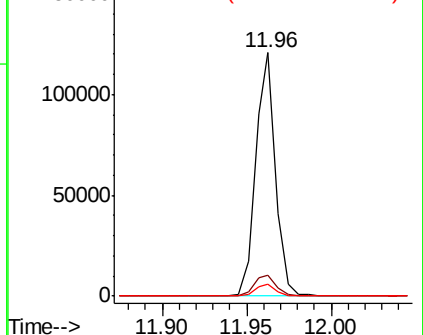


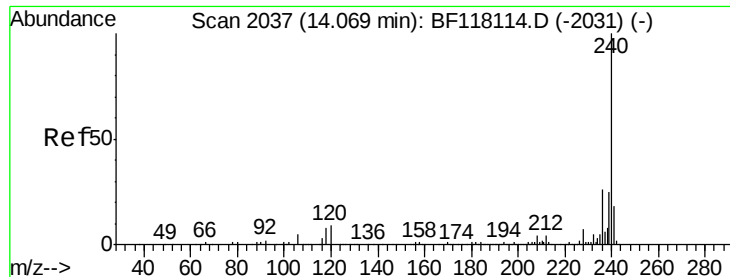
#74
Di-n-butylphthalate
Concen: 4.014 ng
RT: 11.96 min Scan# 1679
Delta R.T. -0.01 min
Lab File: BF118215.D
Acq: 16 Dec 2019 23:59

Tgt Ion:149 Resp: 98726
Ion Ratio Lower Upper
149 100
150 8.5 7.4 11.2
104 4.8 4.3 6.5



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E

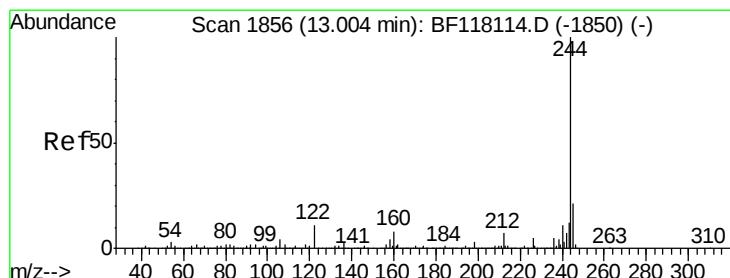
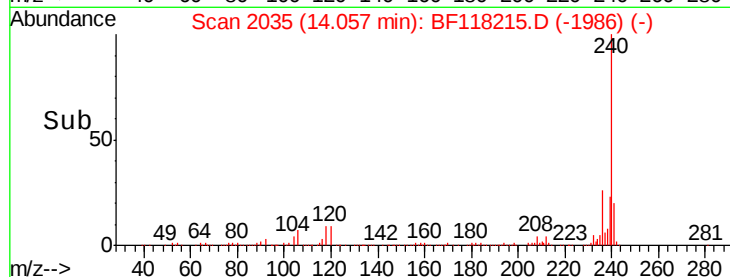
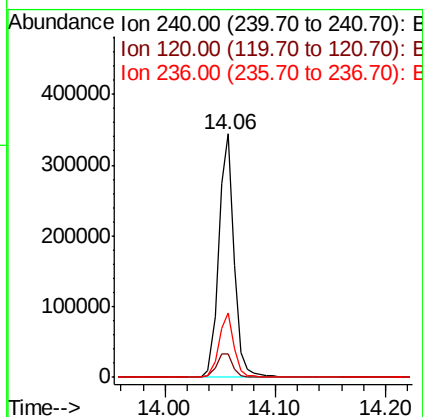
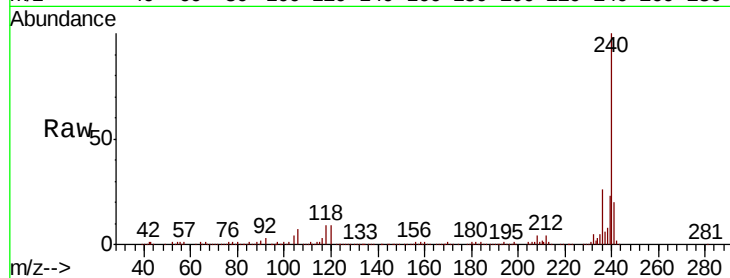




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 14.06 min Scan# 2035
 Delta R.T. -0.01 min
 Lab File: BF118215.D
 Acq: 16 Dec 2019 23:59

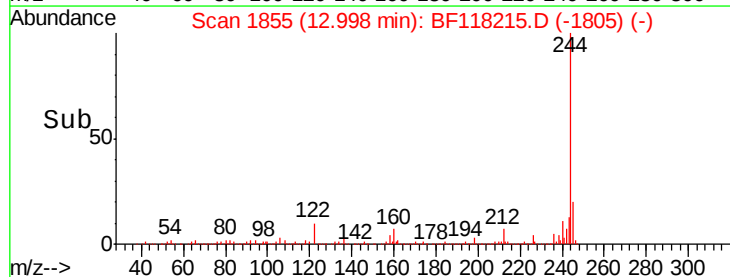
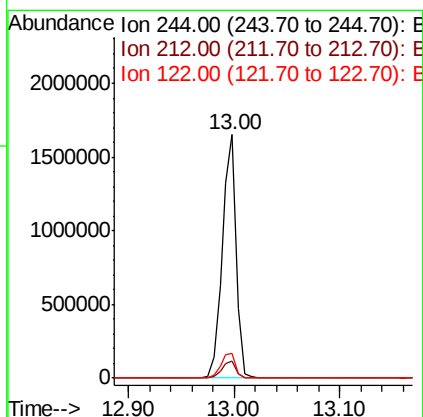
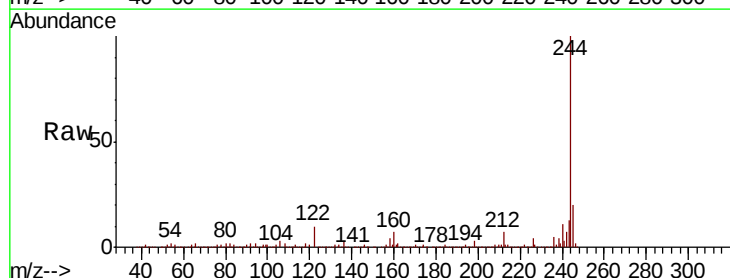
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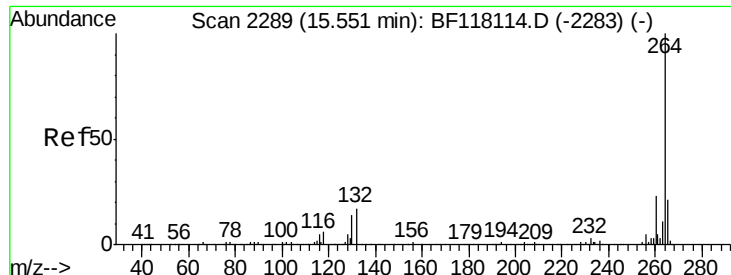
Tot Ion:240 Resp: 331672
 Ion Ratio Lower Upper
 240 100
 120 9.4 7.1 10.7
 236 26.3 21.0 31.6



#79
 Terphenyl-d14
 Concen: 78.554 ng
 RT: 13.00 min Scan# 1855
 Delta R.T. -0.01 min
 Lab File: BF118215.D
 Acq: 16 Dec 2019 23:59

Tgt Ion:244 Resp: 1515105
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.9 8.9
 122 10.2 9.0 13.6





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2288
Delta R.T. -0.01 min
Lab File: BF118215.D
Acq: 16 Dec 2019 23:59

Instrument :
BNA_F
ClientSampleId :
TI-633

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.6	28.0
265	21.6	16.8	25.2

