

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091719\
 Data File : BF117116.D
 Acq On : 17 Sep 2019 19:30
 Operator : HP/JU
 Sample : K4889-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-COMP

Quant Time: Sep 18 04:44:58 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 13 16:23:17 2019
 Response via : Initial Calibration

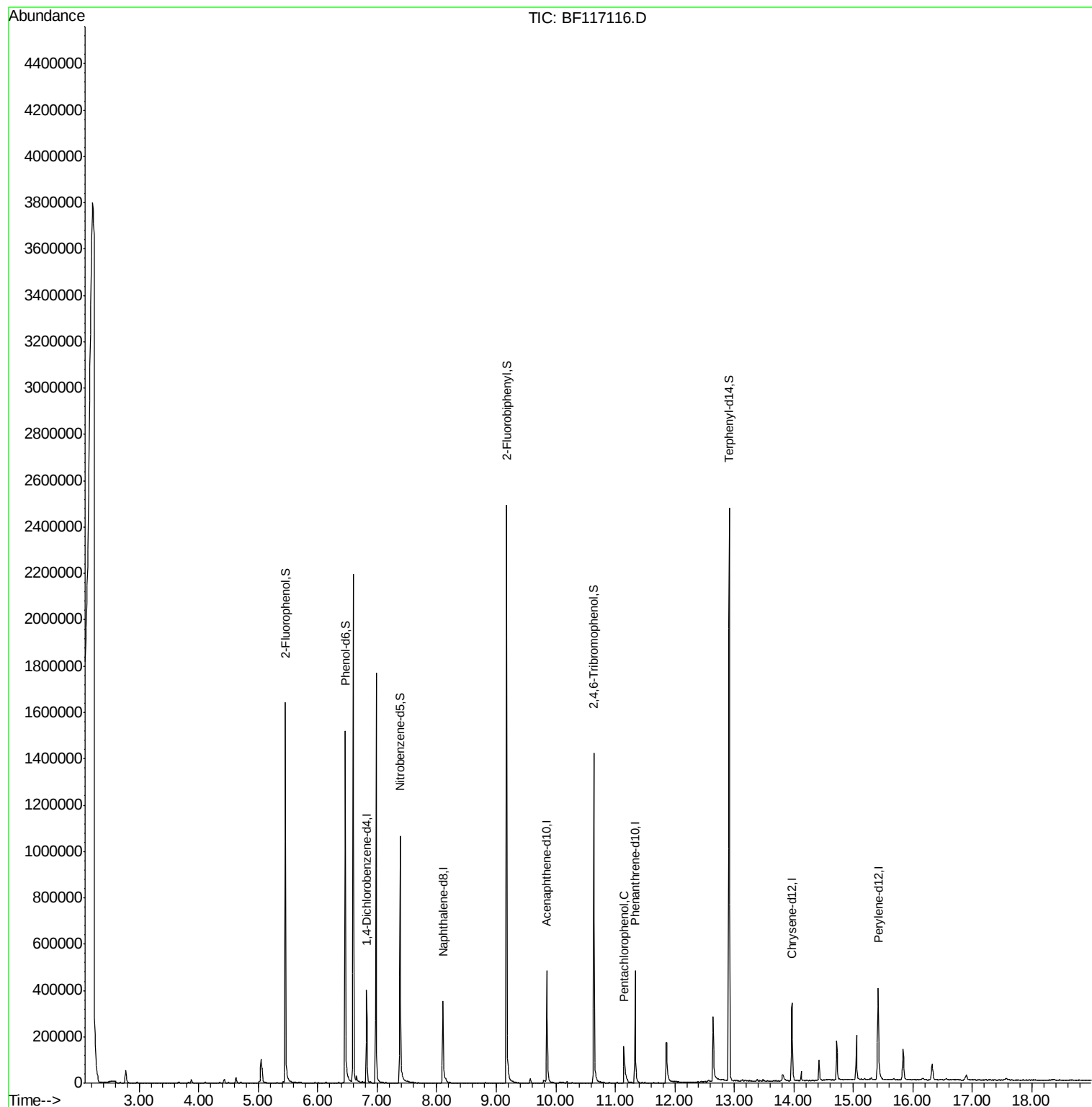
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	60623	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	226838	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	120602	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	197585	20.00	ng	0.00
76) Chrysene-d12	13.97	240	144485	20.00	ng	0.00
87) Perylene-d12	15.42	264	131363	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	491609	126.61	ng	0.02
7) Phenol-d6	6.46	99	588548	117.28	ng	0.00
23) Nitrobenzene-d5	7.39	82	467533	108.29	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	166913	165.60	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	817957	106.05	ng	0.00
79) Terphenyl-d14	12.92	244	813313	105.22	ng	0.00
Target Compounds						
70) Pentachlorophenol	11.15	266	34011	32.876	ng	Qvalue 97

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

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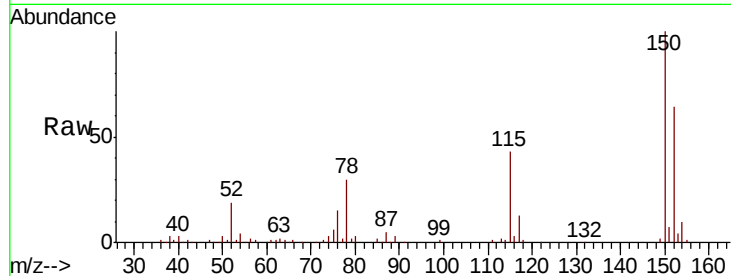




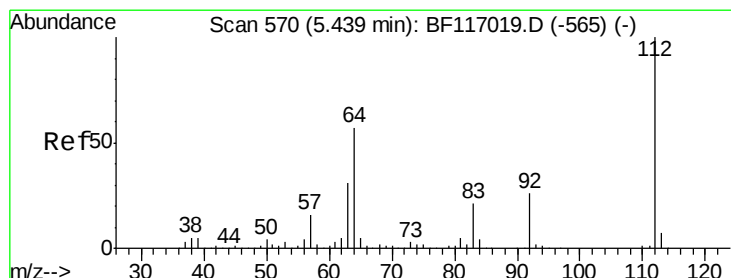
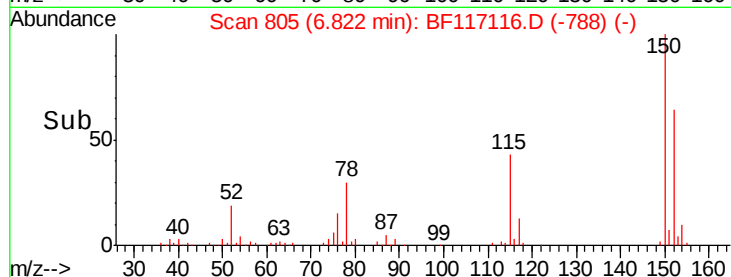
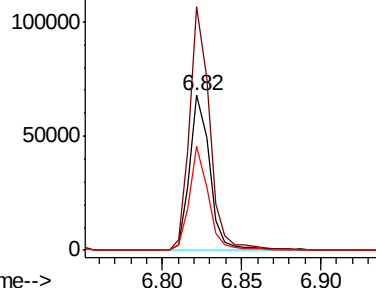
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.82 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: BF117116.D
 Acq: 17 Sep 2019 19:30

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-COMP

Tot Ion:152 Resp: 60623
 Ion Ratio Lower Upper
 152 100
 150 157.2 127.5 191.3
 115 66.8 55.0 82.4

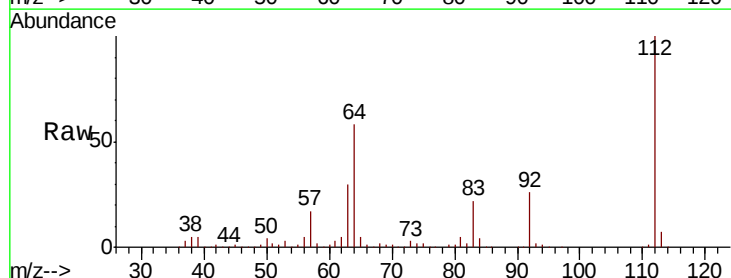


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

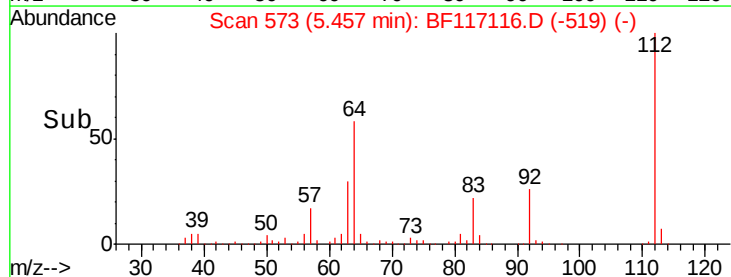
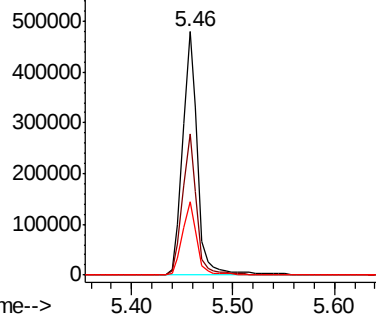


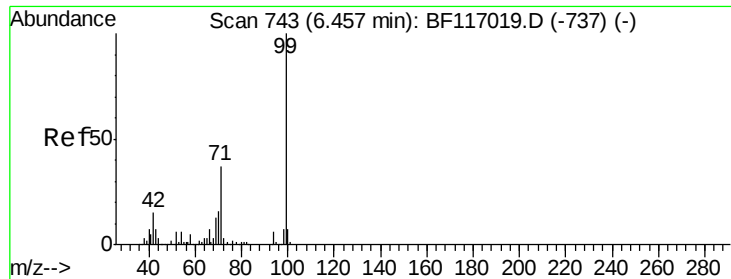
#5
 2-Fluorophenol
 Concen: 126.606 ng
 RT: 5.46 min Scan# 573
 Delta R.T. 0.02 min
 Lab File: BF117116.D
 Acq: 17 Sep 2019 19:30

Tgt Ion:112 Resp: 491609
 Ion Ratio Lower Upper
 112 100
 64 58.1 45.7 68.5
 63 30.1 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: 117.282 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.01 min

Lab File: BF117116.D

Acq: 17 Sep 2019 19:30

Instrument :

BNA_F

ClientSampleId :

DRUM-COMP

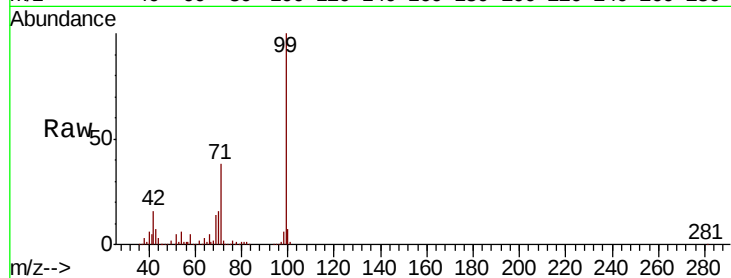
Tot Ion: 99 Resp: 588548

Ion Ratio Lower Upper

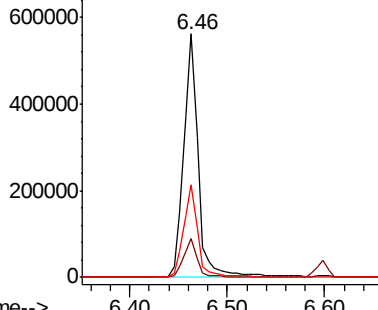
99 100

42 15.9 12.2 18.2

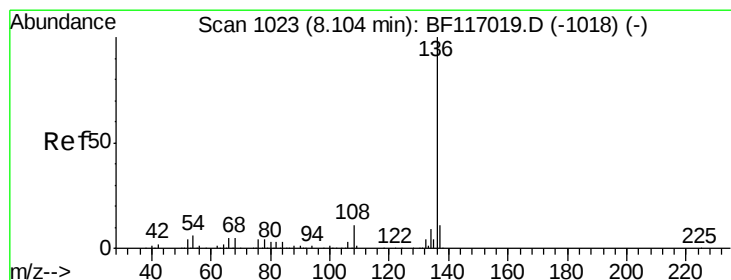
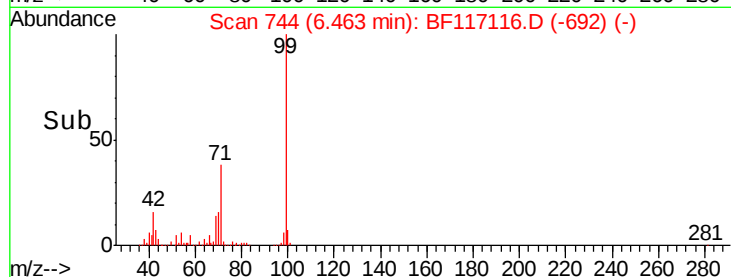
71 38.2 29.8 44.8



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



Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1023

Delta R.T. 0.00 min

Lab File: BF117116.D

Acq: 17 Sep 2019 19:30

Tgt Ion: 136 Resp: 226838

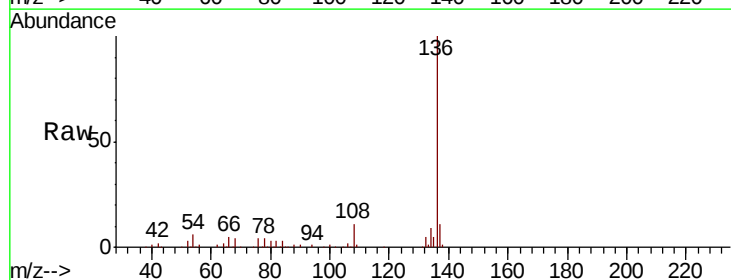
Ion Ratio Lower Upper

136 100

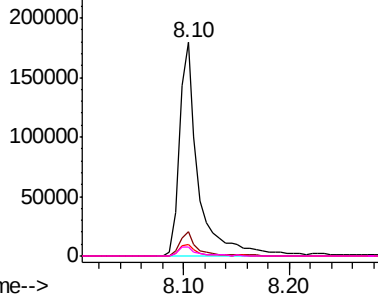
137 11.2 9.0 13.4

54 5.5 4.5 6.7

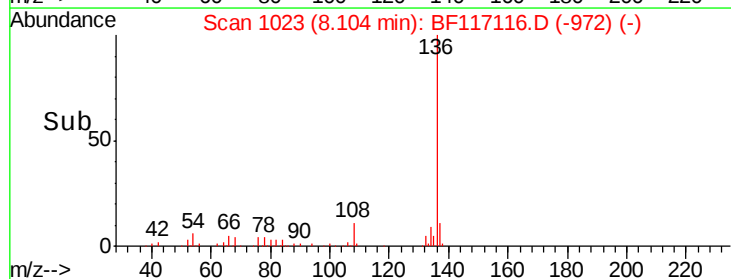
68 4.3 4.0 6.0



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



Time-->

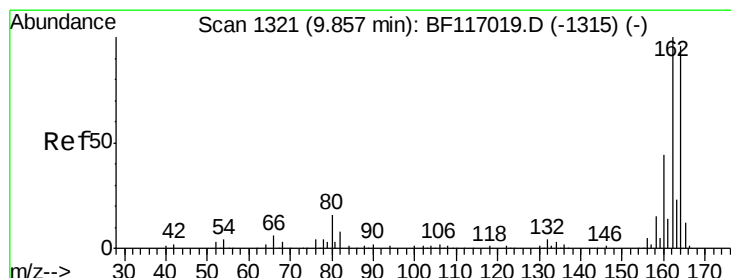
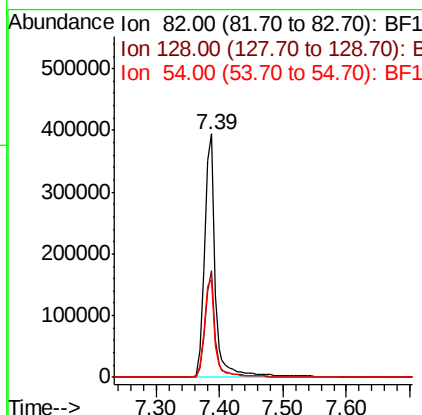
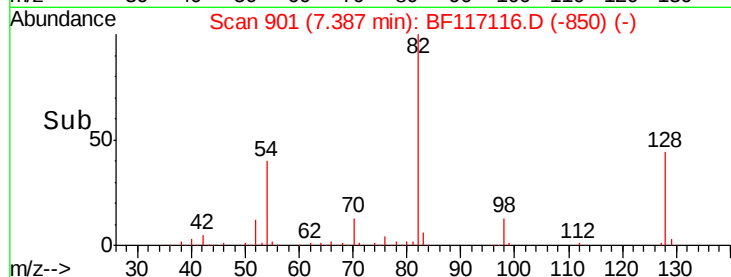
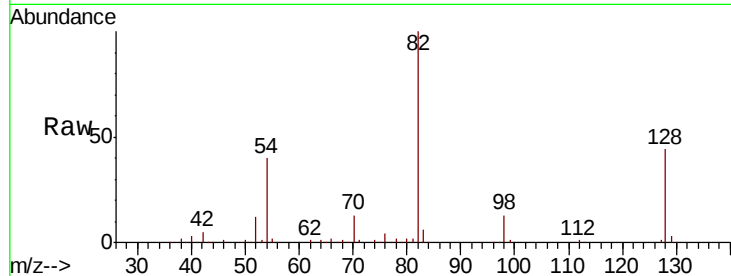




#23
 Nitrobenzene-d5
 Concen: 108.295 ng
 RT: 7.39 min Scan# 901
 Delta R.T. 0.00 min
 Lab File: BF117116.D
 Acq: 17 Sep 2019 19:30

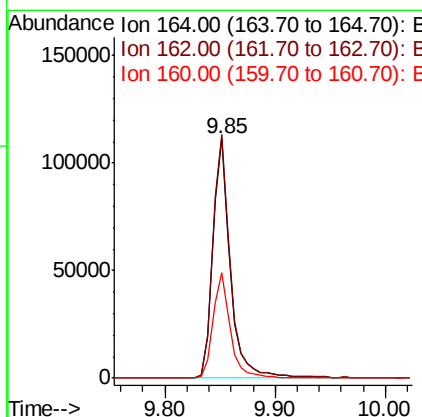
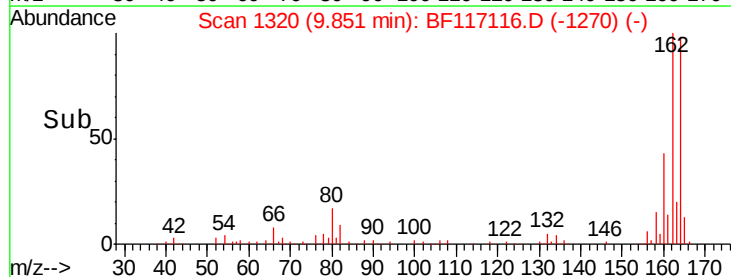
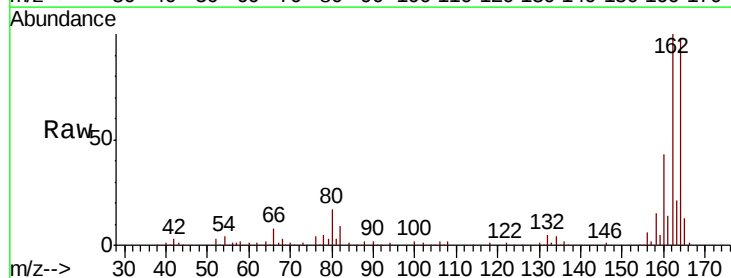
Instrument :
 BNA_F
 ClientSampleId :
 DRUM-COMP

Tot Ion: 82 Resp: 467533
 Ion Ratio Lower Upper
 82 100
 128 43.8 32.3 48.5
 54 40.1 33.3 49.9



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.01 min
 Lab File: BF117116.D
 Acq: 17 Sep 2019 19:30

Tgt Ion: 164 Resp: 120602
 Ion Ratio Lower Upper
 164 100
 162 101.8 83.4 125.2
 160 43.8 36.4 54.6

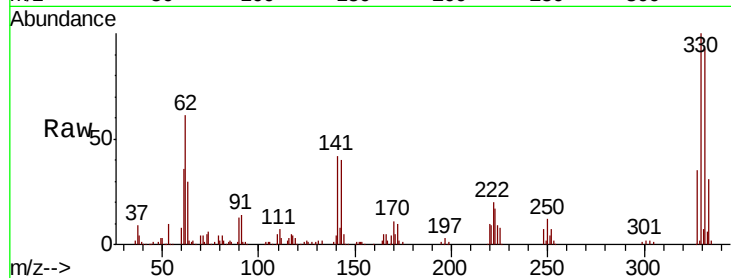




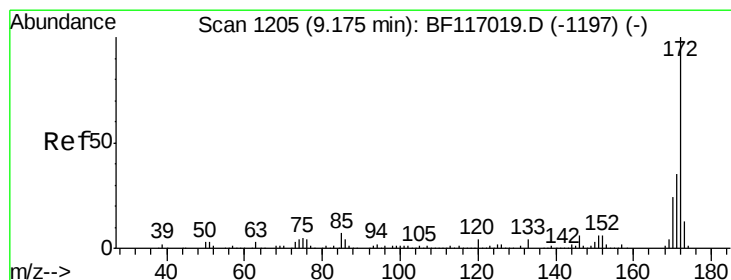
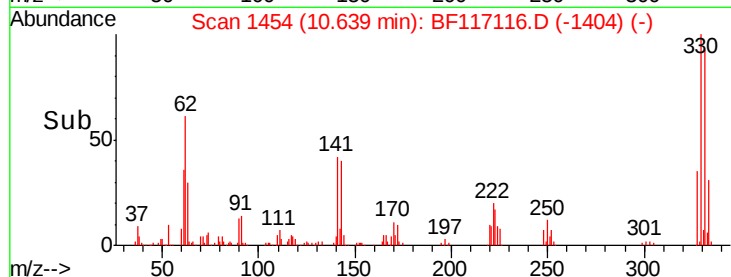
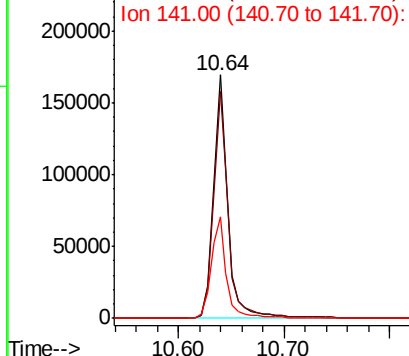
#42
 2,4,6-Tribromophenol
 Concen: 165.595 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.01 min
 Lab File: BF117116.D
 Acq: 17 Sep 2019 19:30

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-COMP

Tot Ion:330 Resp: 166913
 Ion Ratio Lower Upper
 330 100
 332 95.3 78.0 117.0
 141 42.7 35.8 53.6

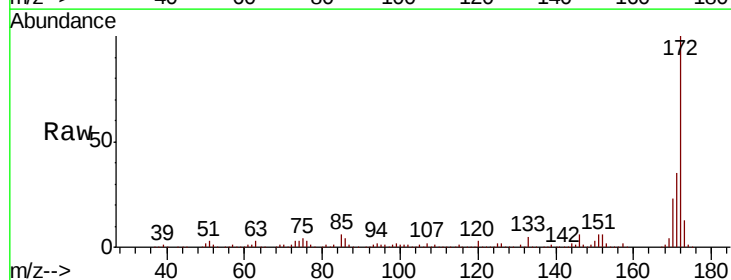


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

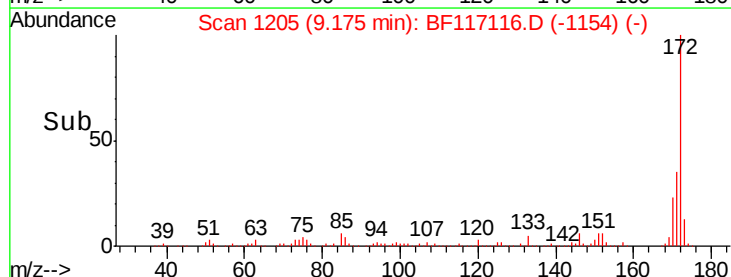
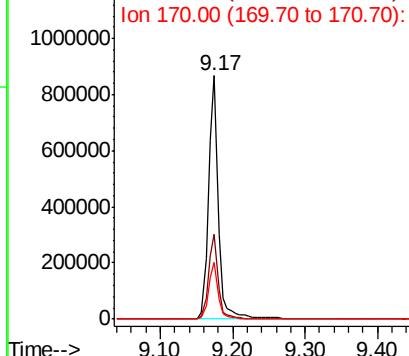


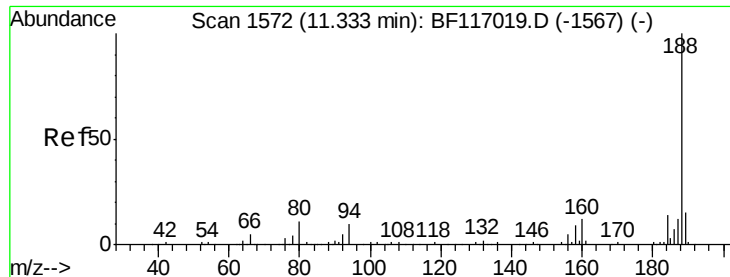
#45
 2-Fluorobiphenyl
 Concen: 106.046 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BF117116.D
 Acq: 17 Sep 2019 19:30

Tgt Ion:172 Resp: 817957
 Ion Ratio Lower Upper
 172 100
 171 35.0 28.2 42.2
 170 23.5 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

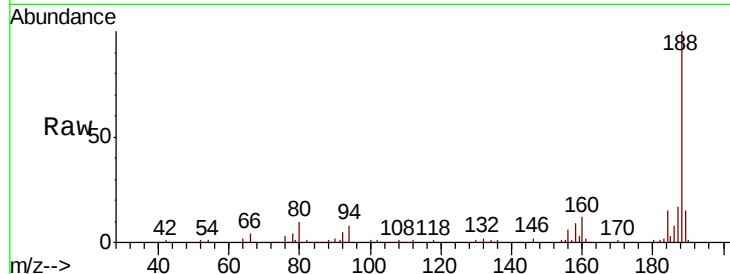




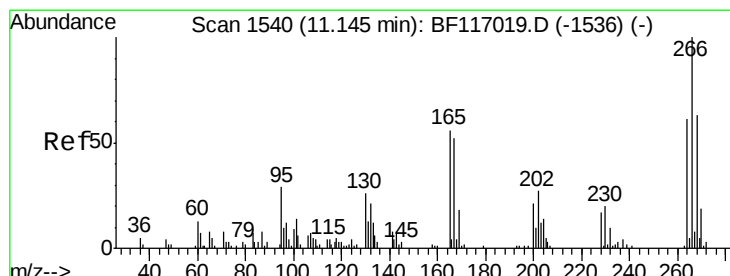
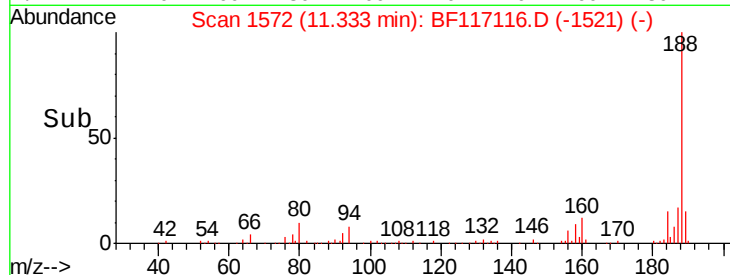
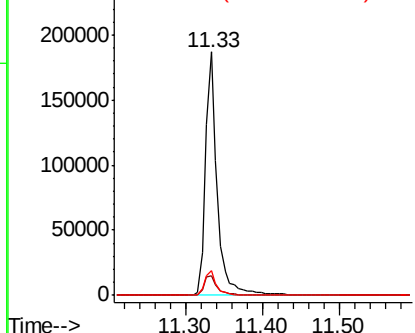
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1572
 Delta R.T. 0.00 min
 Lab File: BF117116.D
 Acq: 17 Sep 2019 19:30

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-COMP

Tot Ion:188 Resp: 197585
 Ion Ratio Lower Upper
 188 100
 94 8.0 8.2 12.2#
 80 10.1 9.0 13.6

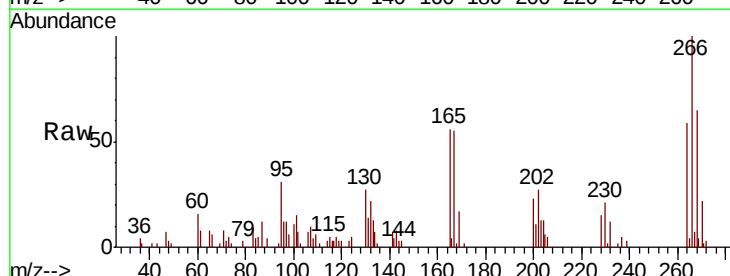


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

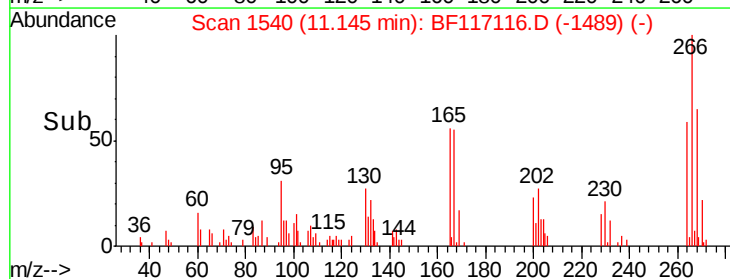
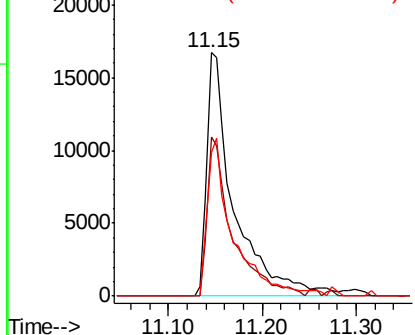


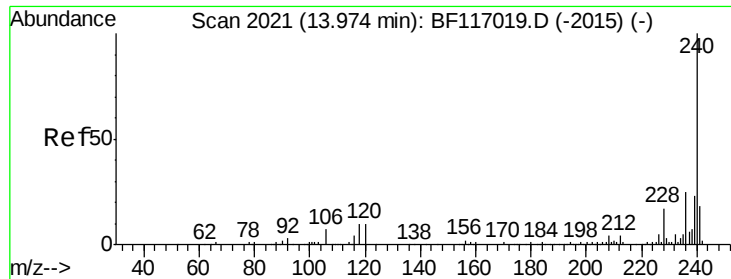
#70
 Pentachlorophenol
 Concen: 32.876 ng
 RT: 11.15 min Scan# 1540
 Delta R.T. 0.00 min
 Lab File: BF117116.D
 Acq: 17 Sep 2019 19:30

Tgt Ion:266 Resp: 34011
 Ion Ratio Lower Upper
 266 100
 268 65.1 50.5 75.7
 264 59.1 48.8 73.2



Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

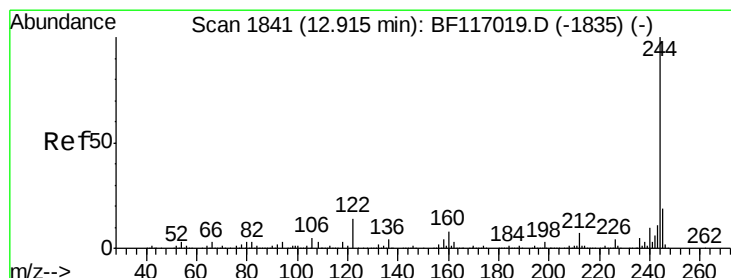
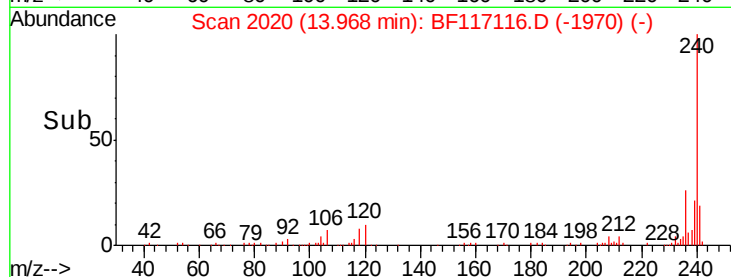
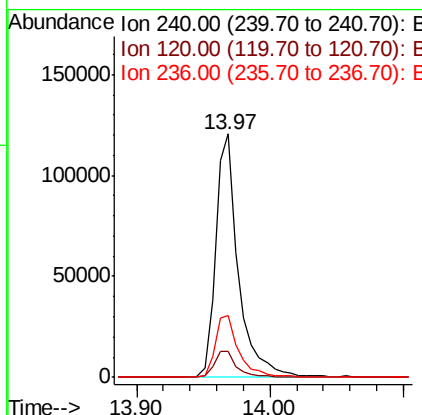
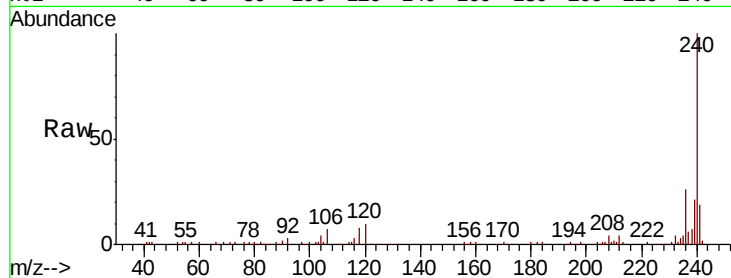




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.01 min
 Lab File: BF117116.D
 Acq: 17 Sep 2019 19:30

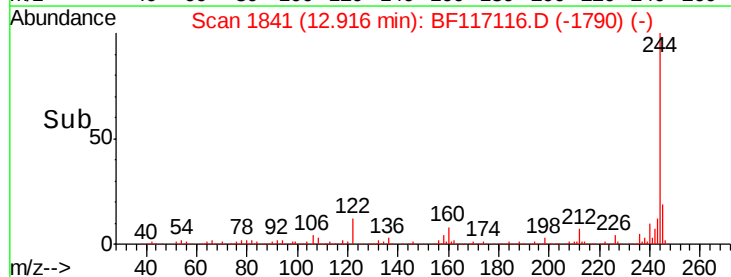
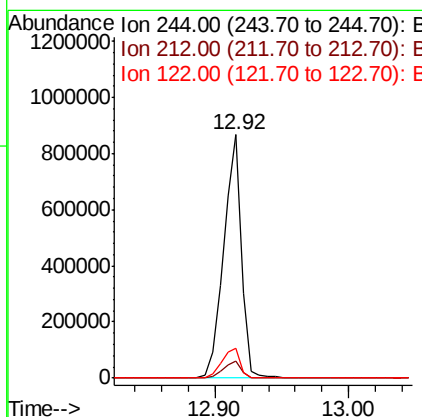
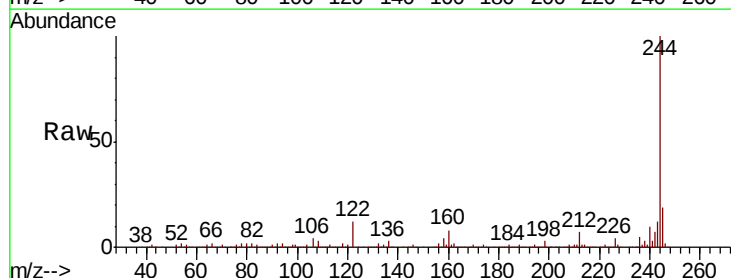
Instrument :
 BNA_F
 ClientSampleId :
 DRUM-COMP

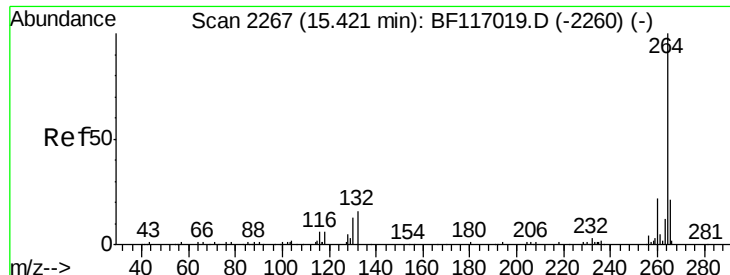
Tot Ion	Ratio	Lower	Upper
240	100		
120	10.5	8.3	12.5
236	25.6	20.3	30.5



#79
 Terphenyl-d14
 Concen: 105.219 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: BF117116.D
 Acq: 17 Sep 2019 19:30

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.8
122	12.4	11.3	16.9

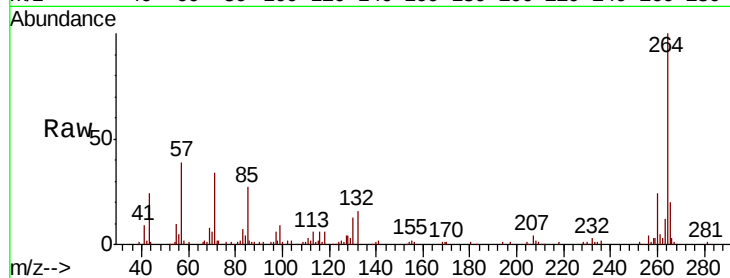




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.42 min Scan# 2266
 Delta R.T. -0.01 min
 Lab File: BF117116.D
 Acq: 17 Sep 2019 19:30

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-COMP

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	17.6	26.4
265	20.0	16.6	24.8



Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

