

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091719\
 Data File : BF117115.D
 Acq On : 17 Sep 2019 19:04
 Operator : HP/JU
 Sample : K4873-09
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-30

Quant Time: Sep 18 04:43:01 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	57401	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	218804	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	115055	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	190192	20.00	ng	0.00
76) Chrysene-d12	13.97	240	140319	20.00	ng	0.00
87) Perylene-d12	15.42	264	128648	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	440814	119.90	ng	0.02
7) Phenol-d6	6.46	99	512228	107.80	ng	0.00
23) Nitrobenzene-d5	7.39	82	433442	104.08	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	155388	161.59	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	721563	98.06	ng	0.00
79) Terphenyl-d14	12.92	244	752877	100.29	ng	0.00

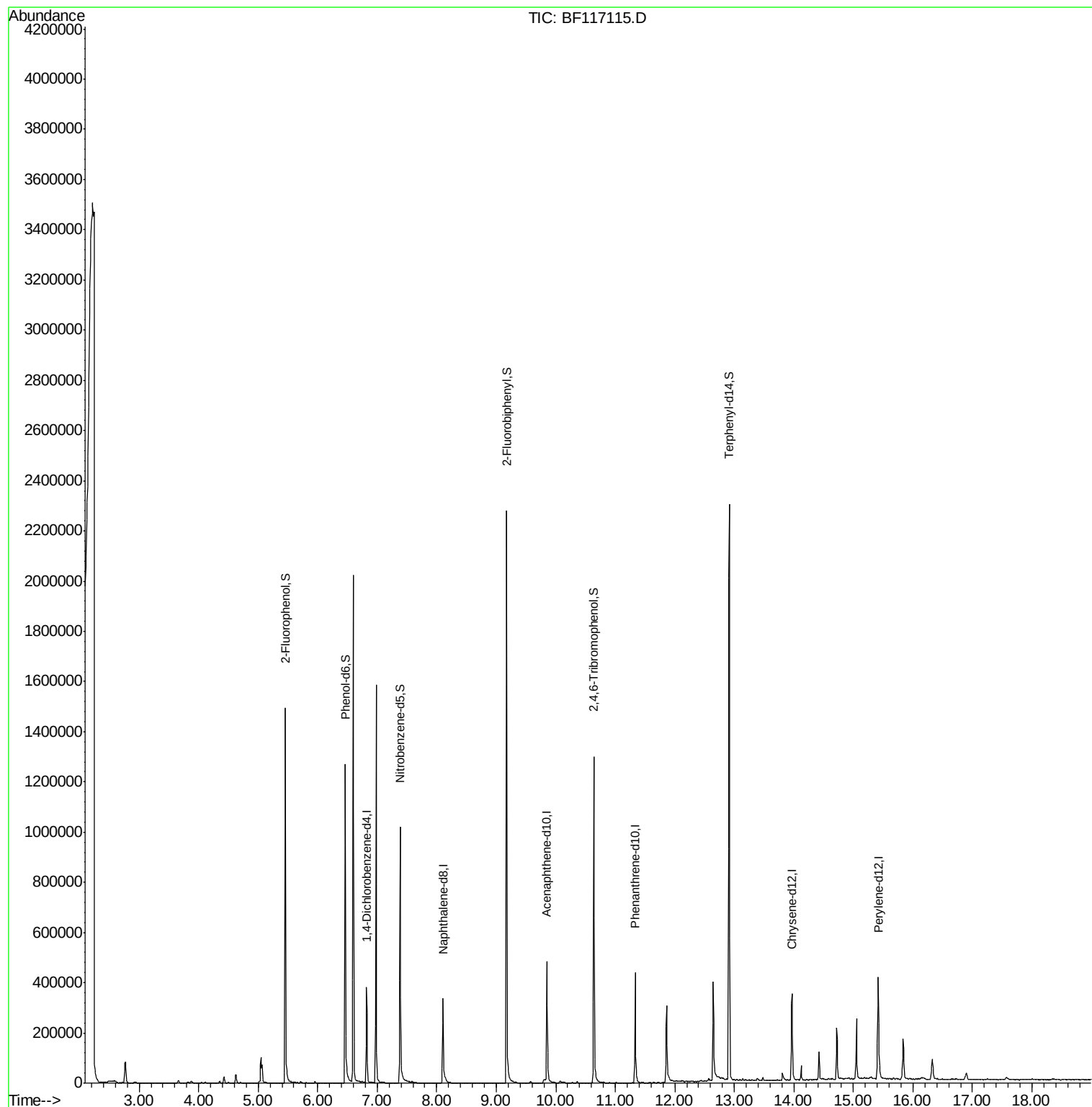
Target Compounds Qvalue

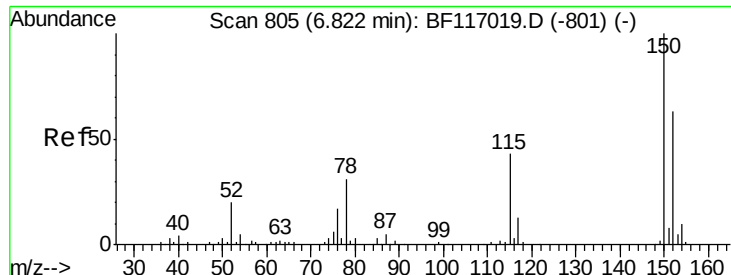
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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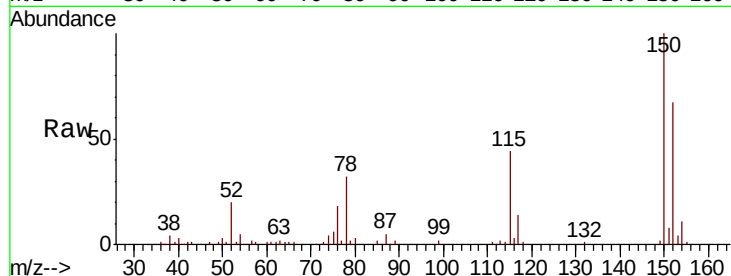


#1

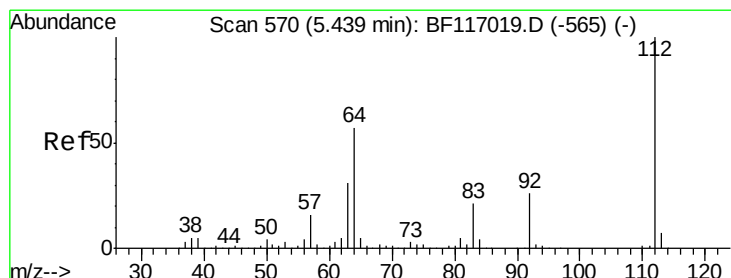
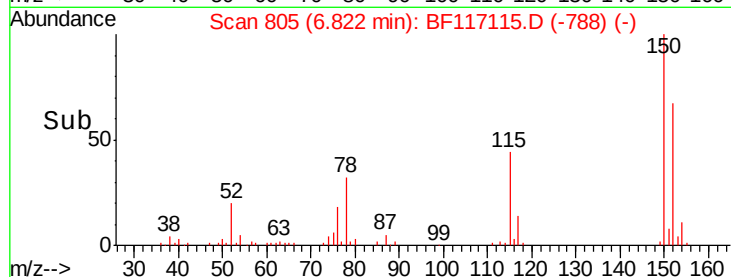
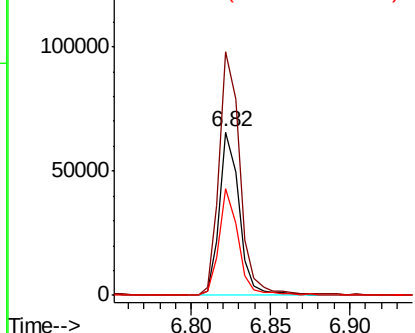
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF117115.D
Acq: 17 Sep 2019 19:04

Instrument :
BNA_F
ClientSampleId :
COMP-30

Tot Ion:152 Resp: 57401
Ion Ratio Lower Upper
152 100
150 149.3 127.5 191.3
115 65.2 55.0 82.4



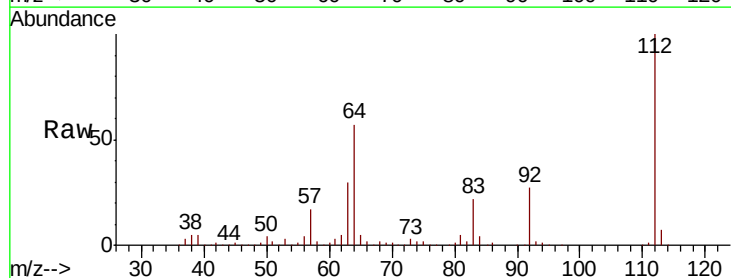
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



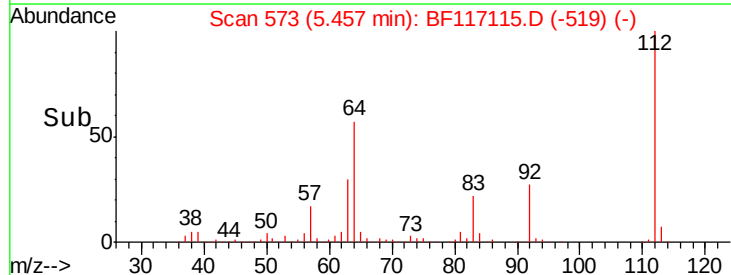
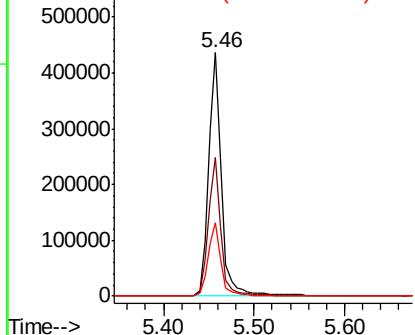
#5

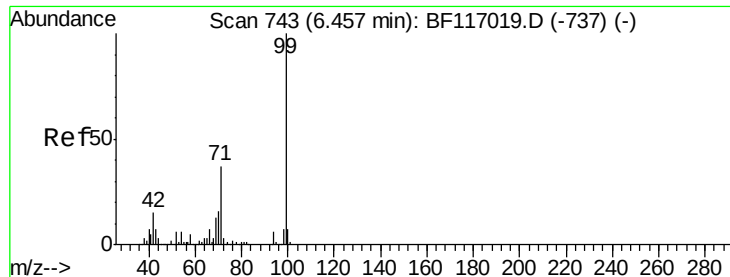
2-Fluorophenol
Concen: 119.897 ng
RT: 5.46 min Scan# 573
Delta R.T. 0.02 min
Lab File: BF117115.D
Acq: 17 Sep 2019 19:04

Tgt Ion:112 Resp: 440814
Ion Ratio Lower Upper
112 100
64 57.0 45.7 68.5
63 30.3 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: 107.803 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.01 min

Lab File: BF117115.D

Acq: 17 Sep 2019 19:04

Instrument :

BNA_F

ClientSampleId :

COMP-30

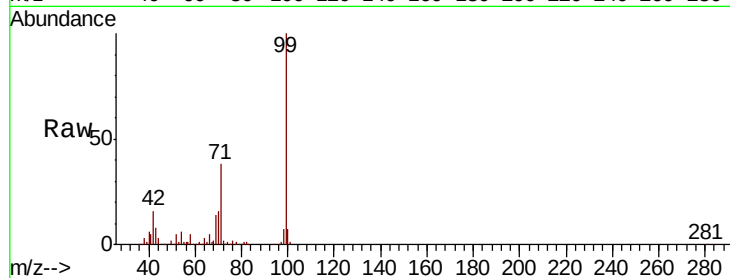
Tot Ion: 99 Resp: 512228

Ion Ratio Lower Upper

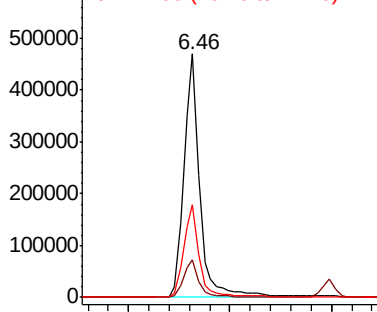
99 100

42 15.6 12.2 18.2

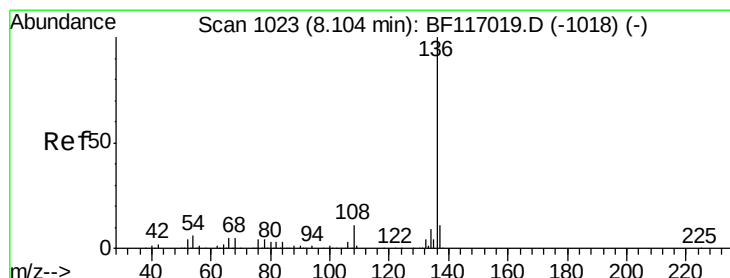
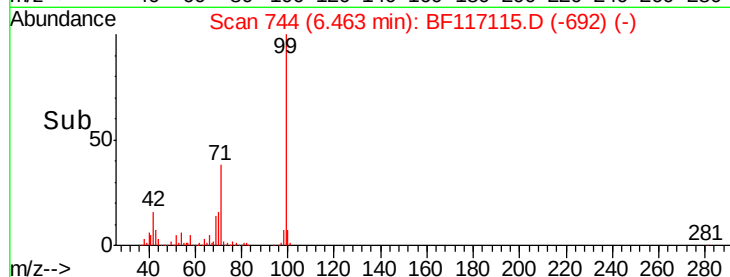
71 37.9 29.8 44.8



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: BF117115.D

Acq: 17 Sep 2019 19:04

Tgt Ion: 136 Resp: 218804

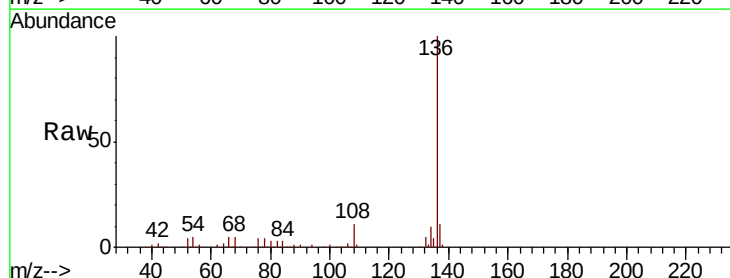
Ion Ratio Lower Upper

136 100

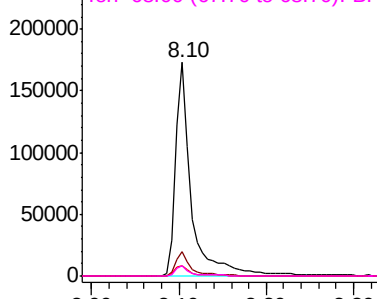
137 11.2 9.0 13.4

54 5.1 4.5 6.7

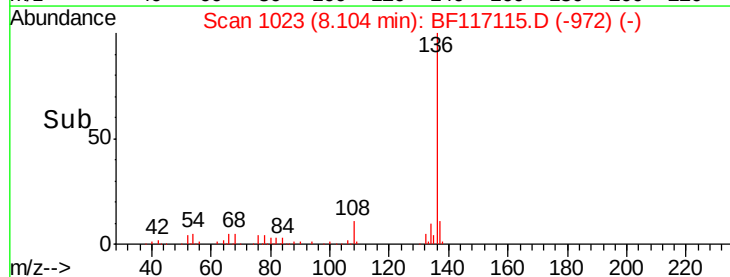
68 4.9 4.0 6.0

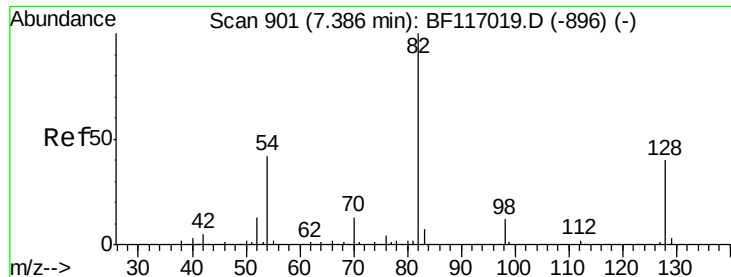


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1



Time-->

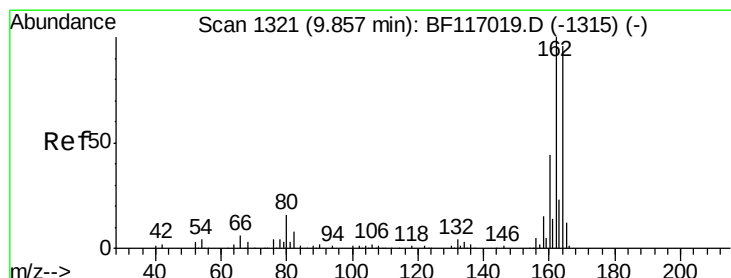
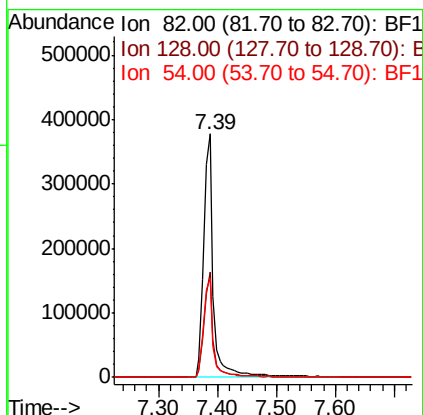
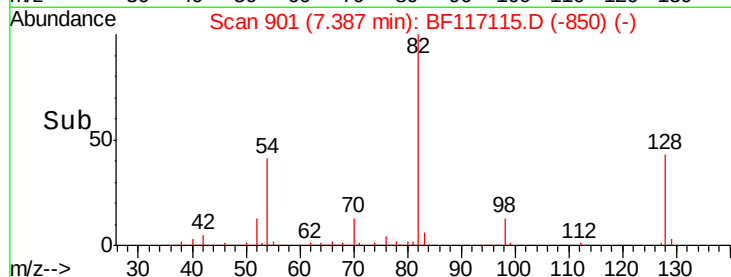
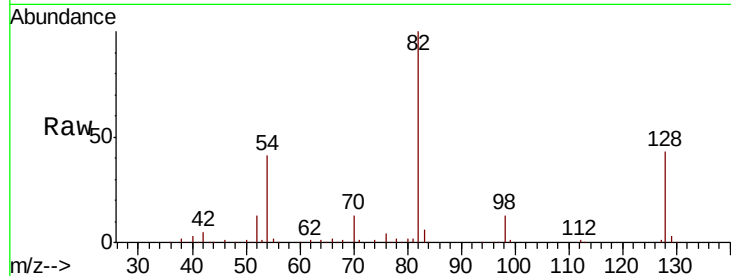




#23
 Nitrobenzene-d5
 Concen: 104.084 ng
 RT: 7.39 min Scan# 901
 Delta R.T. 0.00 min
 Lab File: BF117115.D
 Acq: 17 Sep 2019 19:04

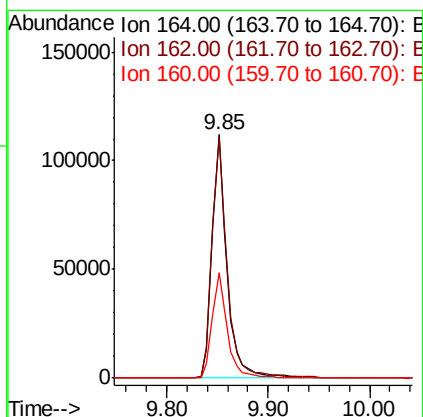
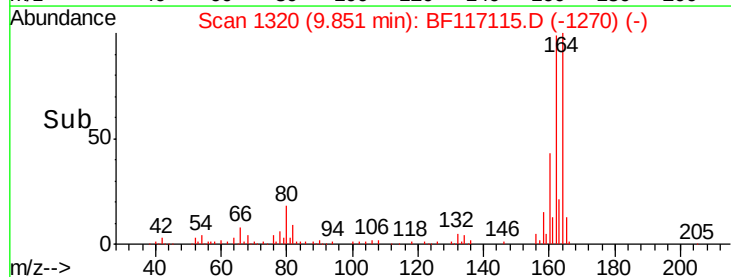
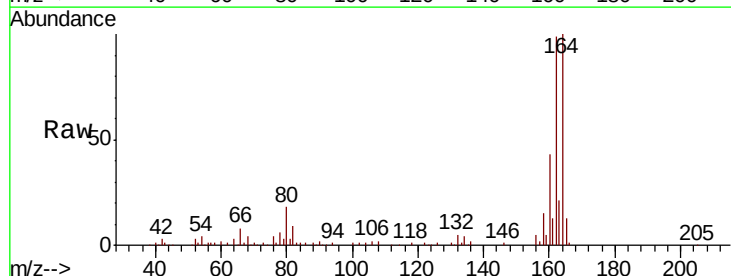
Instrument :
 BNA_F
 ClientSampleId :
 COMP-30

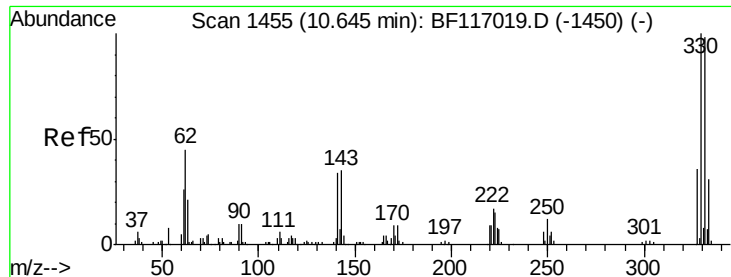
Tot Ion	82	Resp	433442
Ion Ratio	Lower	Upper	
82	100		
128	43.0	32.3	48.5
54	40.5	33.3	49.9



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.01 min
 Lab File: BF117115.D
 Acq: 17 Sep 2019 19:04

Tgt Ion	164	Resp	115055
Ion Ratio	Lower	Upper	
164	100		
162	99.0	83.4	125.2
160	43.4	36.4	54.6

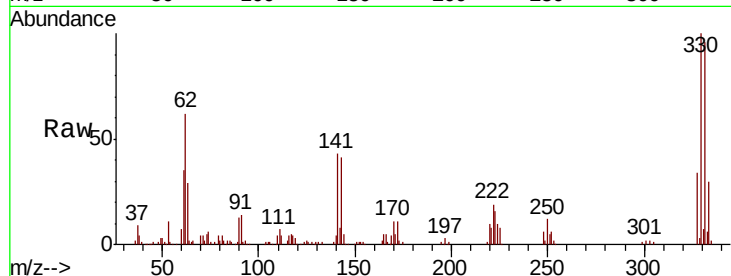




#42
 2,4,6-Tribromophenol
 Concen: 161.594 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.01 min
 Lab File: BF117115.D
 Acq: 17 Sep 2019 19:04

Instrument :
 BNA_F
 ClientSampleId :
 COMP-30

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.0	78.0	117.0
141	43.6	35.8	53.6

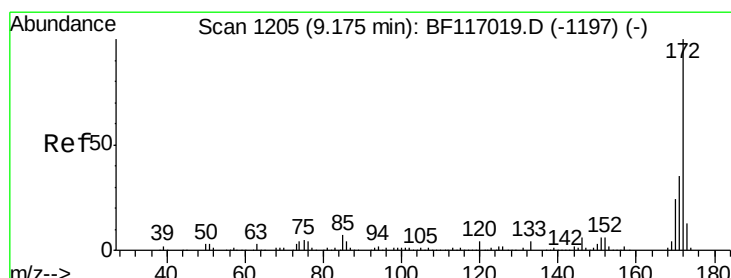
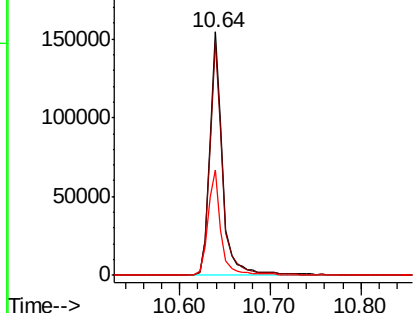
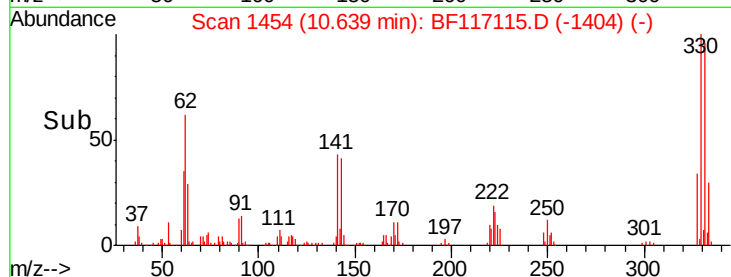


Abundance

Ion 329.80 (329.50 to 330.50): E

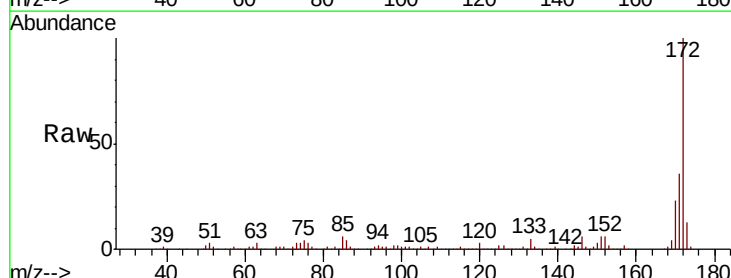
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 98.059 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BF117115.D
 Acq: 17 Sep 2019 19:04

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.2	42.2
170	23.3	18.9	28.3

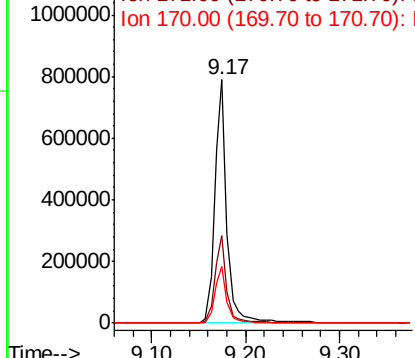
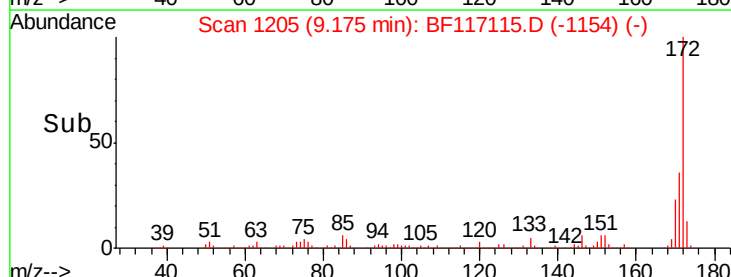


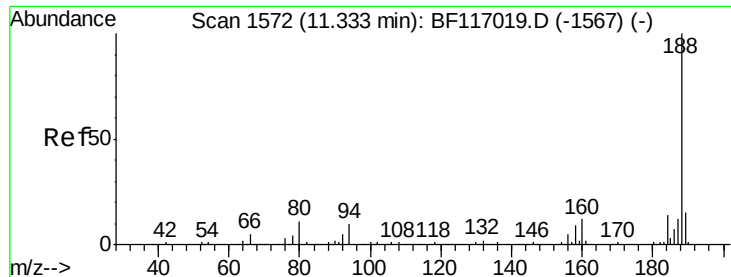
Abundance

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

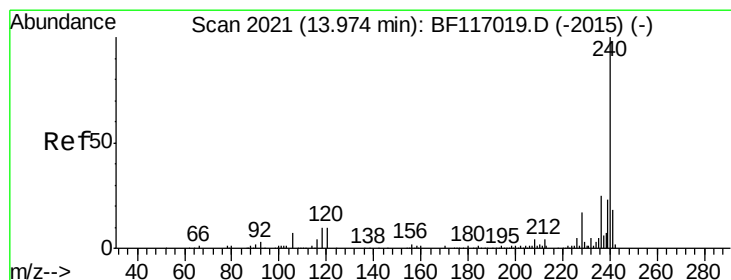
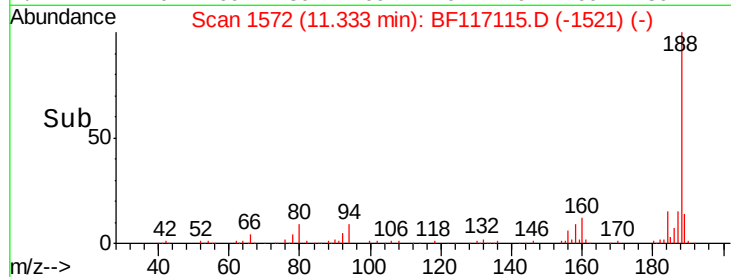
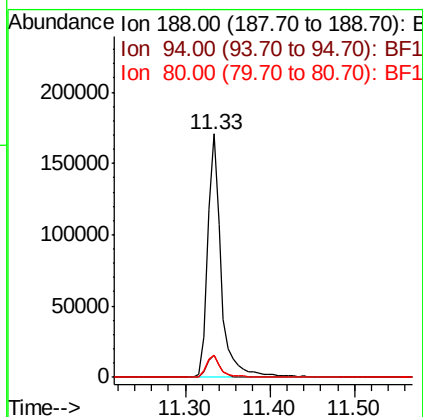
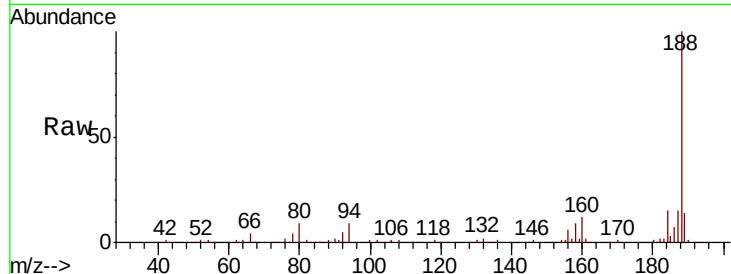




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BF117115.D
Acq: 17 Sep 2019 19:04

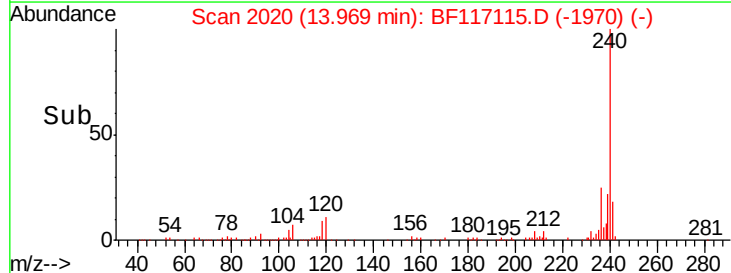
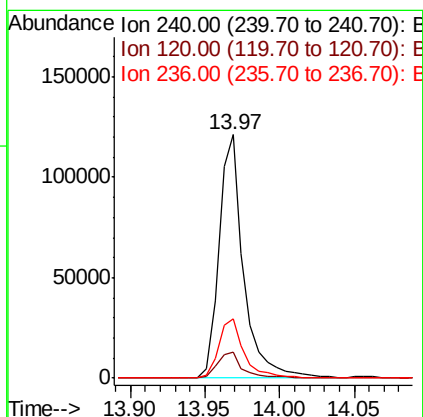
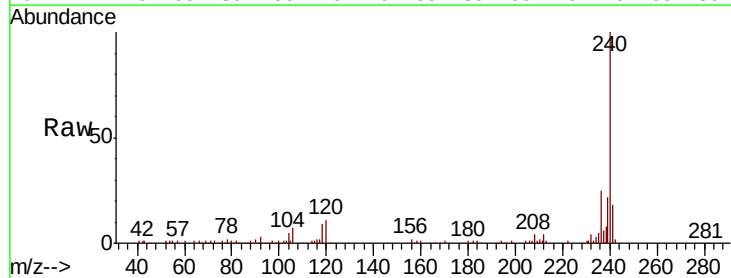
Instrument :
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ClientSampleId :
COMP-30

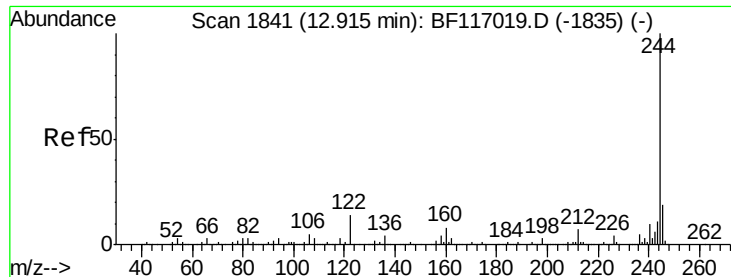
Tot Ion	Ratio	Lower	Upper
188	100		
94	9.2	8.2	12.2
80	9.3	9.0	13.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF117115.D
Acq: 17 Sep 2019 19:04

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.6	8.3	12.5
236	24.5	20.3	30.5

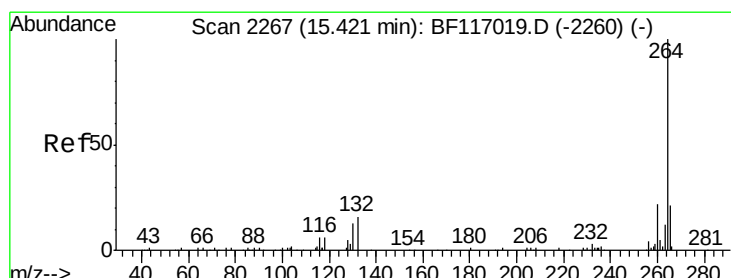
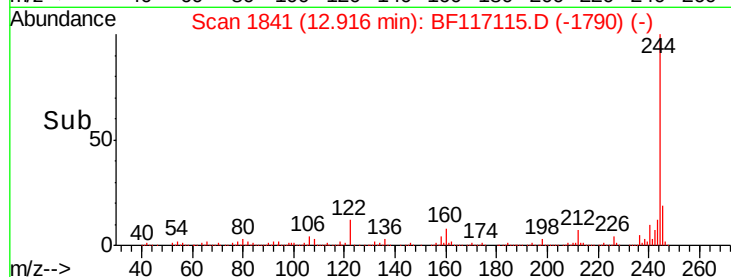
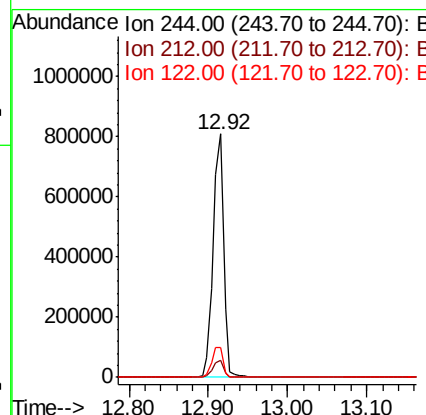
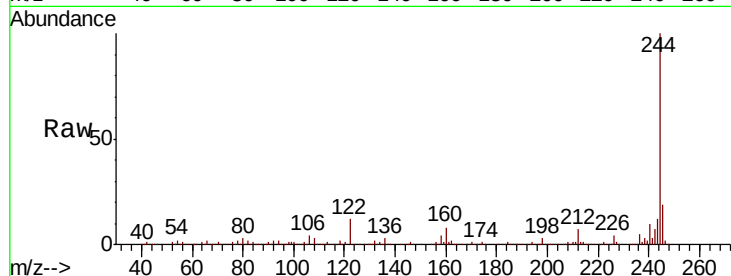




#79
 Terphenyl-d14
 Concen: 100.293 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: BF117115.D
 Acq: 17 Sep 2019 19:04

Instrument :
 BNA_F
 ClientSampled :
 COMP-30

Tot Ion:244 Resp: 752877
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.8
 122 12.3 11.3 16.9



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.42 min Scan# 2266
 Delta R.T. -0.01 min
 Lab File: BF117115.D
 Acq: 17 Sep 2019 19:04

Tgt Ion:264 Resp: 128648
 Ion Ratio Lower Upper
 264 100
 260 22.3 17.6 26.4
 265 20.1 16.6 24.8

