

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091619\
 Data File : BF117067.D
 Acq On : 16 Sep 2019 17:05
 Operator : HP/JU
 Sample : K4661-04 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HD-02-091319

Quant Time: Sep 17 06:44:32 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	49223	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	219722	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	115252	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	180021	20.00	ng	0.00
76) Chrysene-d12	13.97	240	128483	20.00	ng	0.00
87) Perylene-d12	15.41	264	119141	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	57727	18.31	ng	0.00
7) Phenol-d6	6.46	99	84597	20.76	ng	0.00
23) Nitrobenzene-d5	7.39	82	49336	11.80	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	18932	19.65	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	106472	14.44	ng	0.00
79) Terphenyl-d14	12.91	244	94861	13.80	ng	0.00

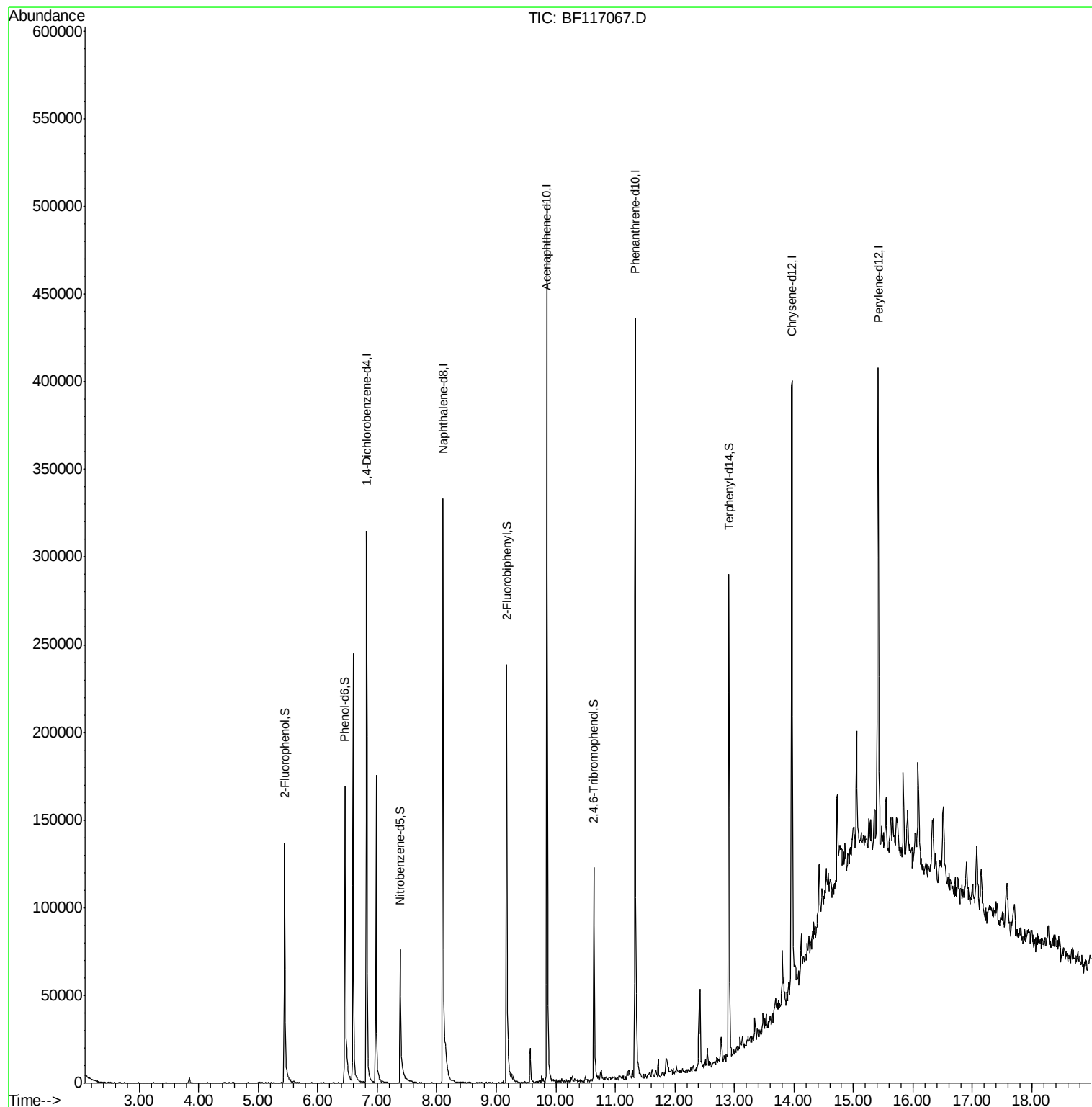
Target Compounds Qvalue

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

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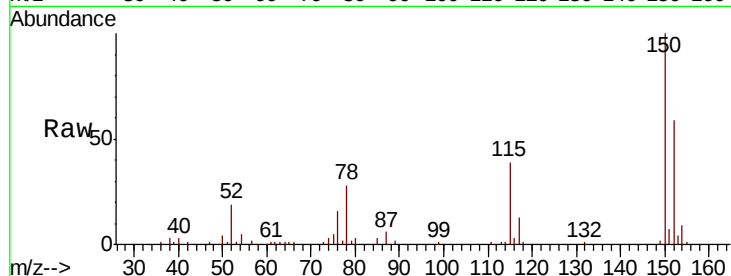


#1

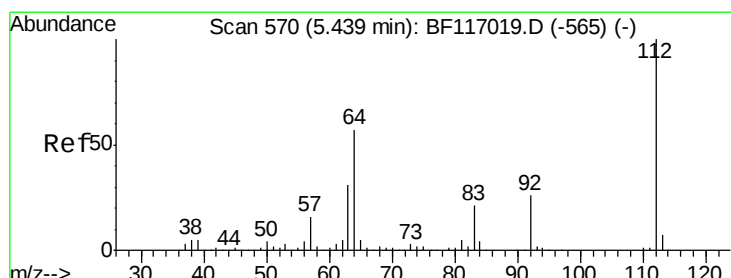
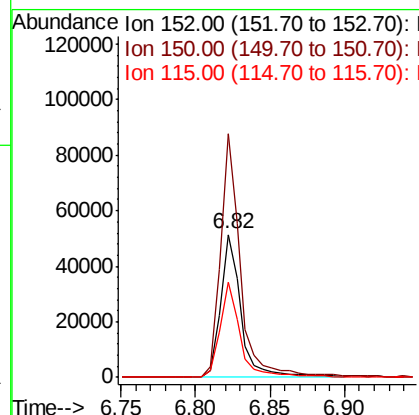
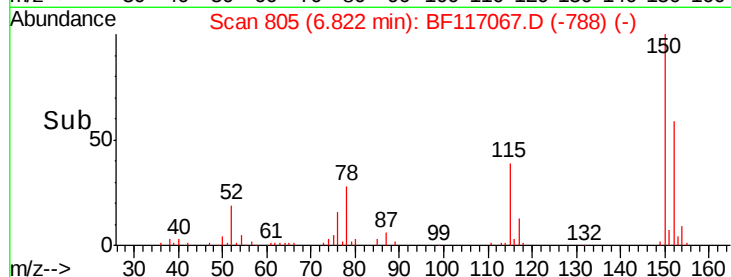
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.82 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: BF117067.D
 Acq: 16 Sep 2019 17:05

Instrument :
 BNA_F
 ClientSampleId :
 HD-02-091319

Tot Ion:152 Resp: 49223
 Ion Ratio Lower Upper
 152 100
 150 170.2 127.5 191.3
 115 66.9 55.0 82.4



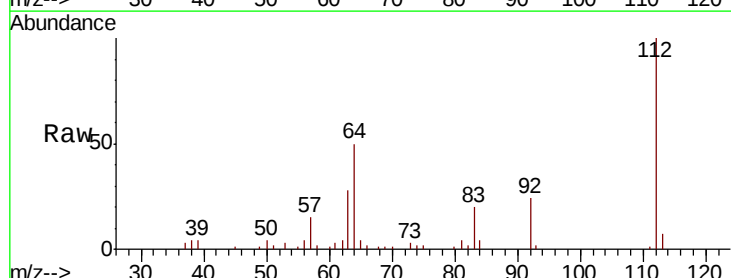
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



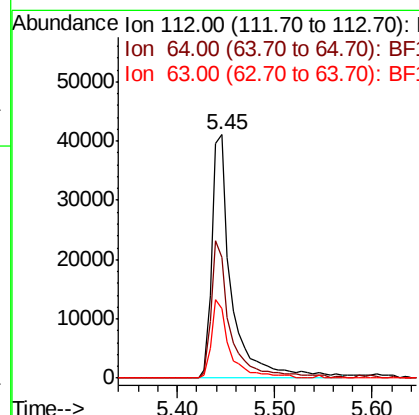
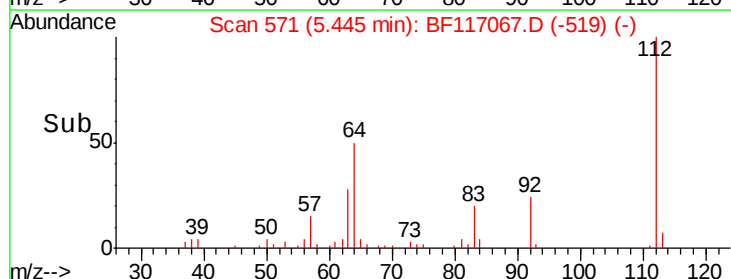
#5

2-Fluorophenol
 Concen: 18.310 ng
 RT: 5.45 min Scan# 571
 Delta R.T. 0.01 min
 Lab File: BF117067.D
 Acq: 16 Sep 2019 17:05

Tgt Ion:112 Resp: 57727
 Ion Ratio Lower Upper
 112 100
 64 49.5 45.7 68.5
 63 28.4 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: 20.762 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.00 min

Lab File: BF117067.D

Acq: 16 Sep 2019 17:05

Instrument :

BNA_F

ClientSampleId :

HD-02-091319

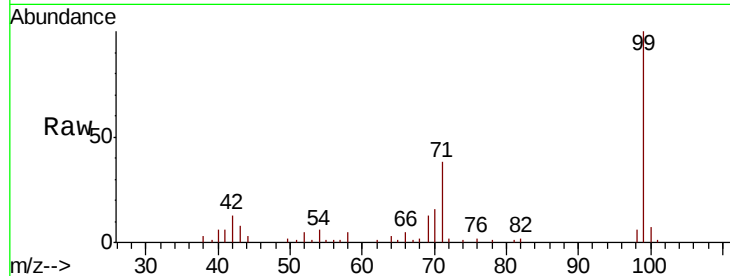
Tot Ion: 99 Resp: 84597

Ion Ratio Lower Upper

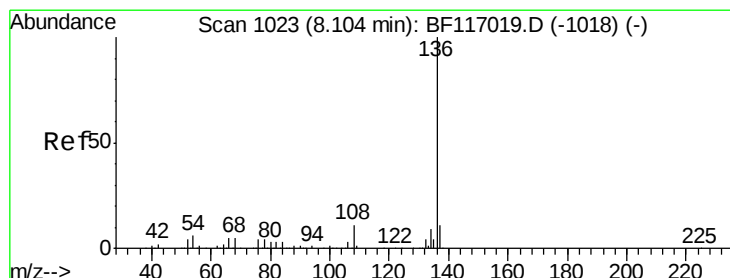
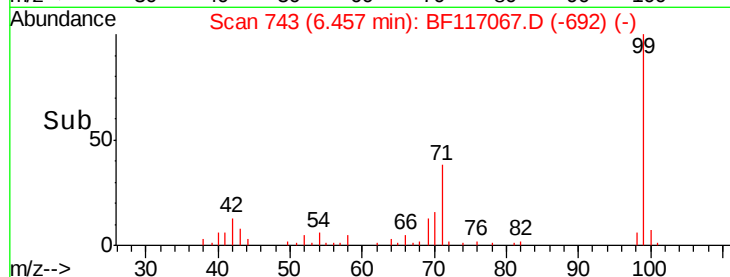
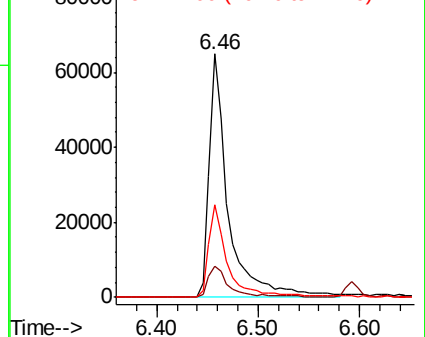
99 100

42 13.0 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1023

Delta R.T. 0.00 min

Lab File: BF117067.D

Acq: 16 Sep 2019 17:05

Tgt Ion: 136 Resp: 219722

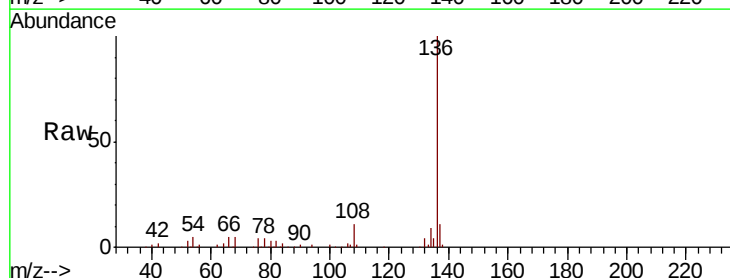
Ion Ratio Lower Upper

136 100

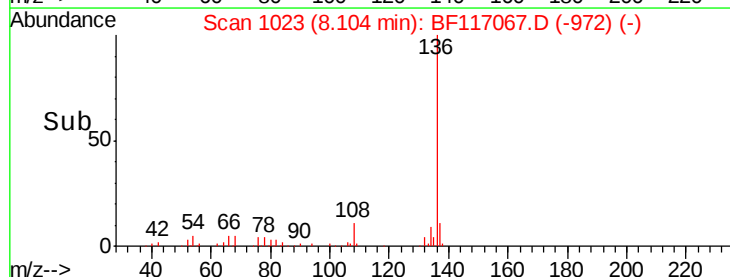
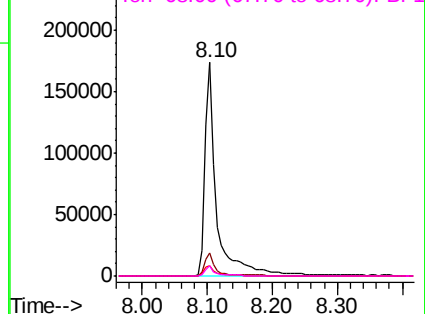
137 10.7 9.0 13.4

54 5.1 4.5 6.7

68 4.8 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

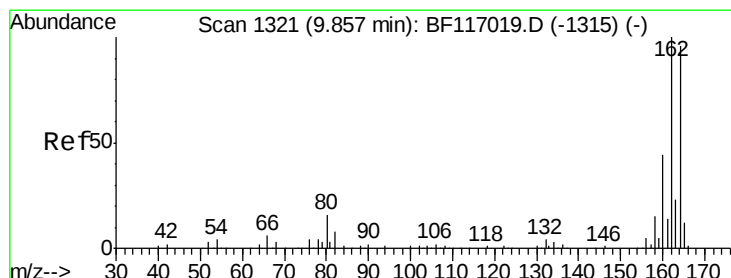
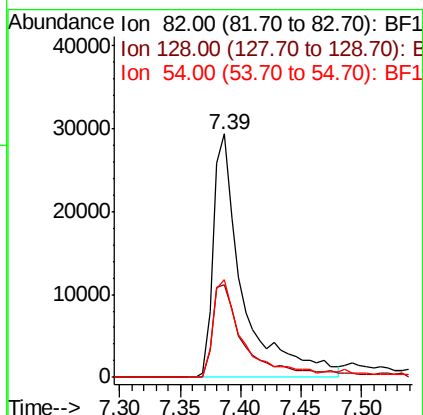
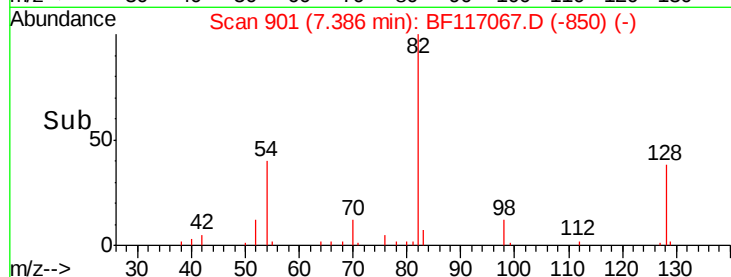
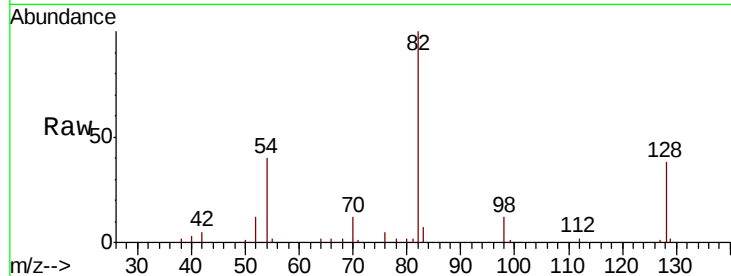




#23
 Nitrobenzene-d5
 Concen: 11.798 ng
 RT: 7.39 min Scan# 901
 Delta R.T. 0.00 min
 Lab File: BF117067.D
 Acq: 16 Sep 2019 17:05

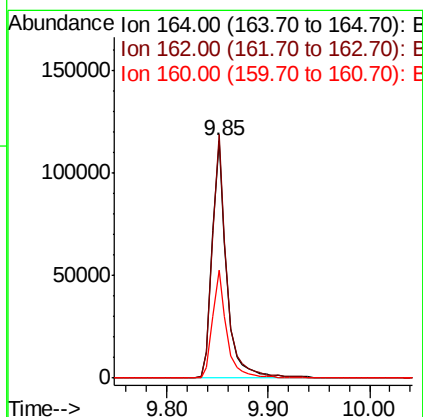
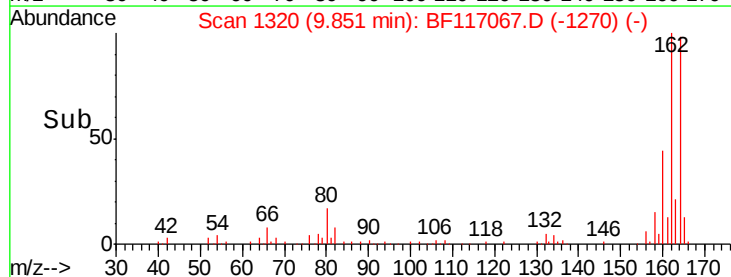
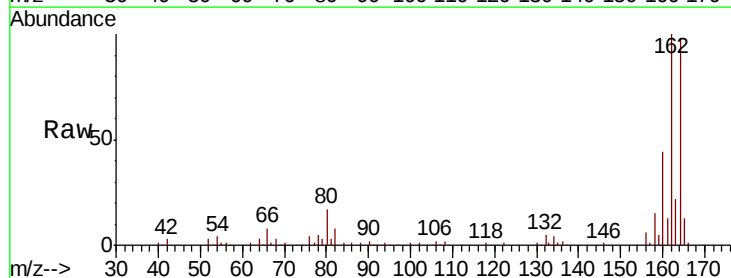
Instrument :
 BNA_F
 ClientSampleId :
 HD-02-091319

Tot Ion	82	Resp	49336
Ion Ratio	Lower	Upper	
82	100		
128	38.2	32.3	48.5
54	39.9	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: BF117067.D
 Acq: 16 Sep 2019 17:05

Tgt Ion	164	Resp	115252
Ion Ratio	Lower	Upper	
164	100		
162	102.6	83.4	125.2
160	45.5	36.4	54.6

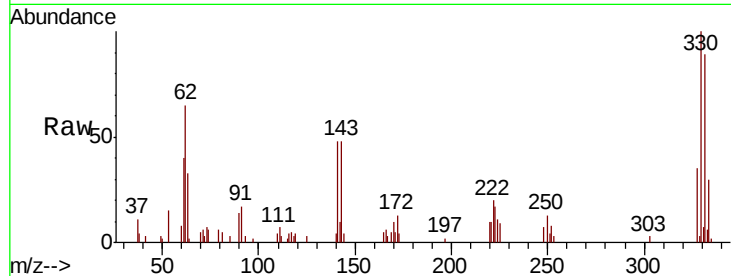




#42
 2,4,6-Tribromophenol
 Concen: 19.654 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.01 min
 Lab File: BF117067.D
 Acq: 16 Sep 2019 17:05

Instrument :
 BNA_F
 ClientSampleId :
 HD-02-091319

Tot Ion	Ratio	Lower	Upper
330	100		
332	90.0	78.0	117.0
141	46.8	35.8	53.6

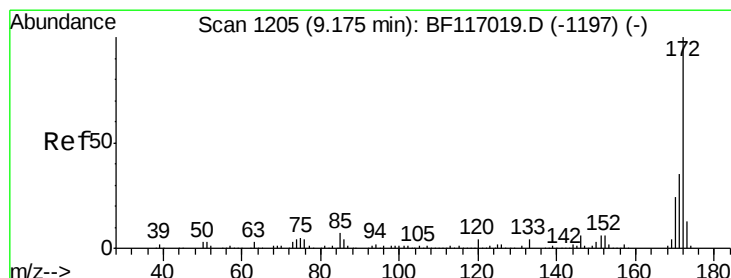
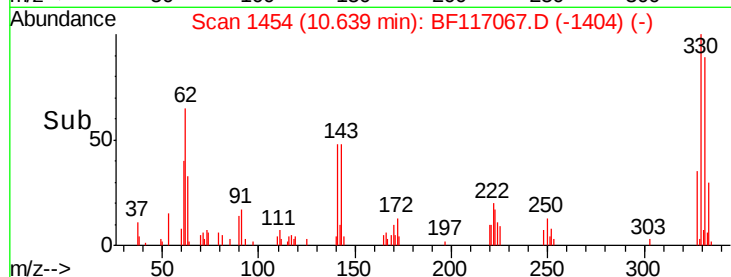
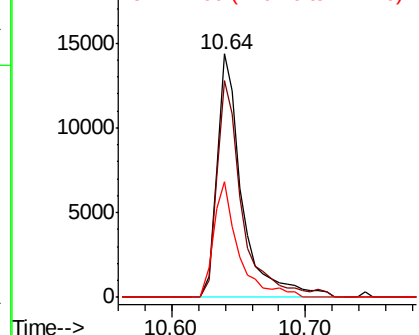


Abundance

Ion 329.80 (329.50 to 330.50): E

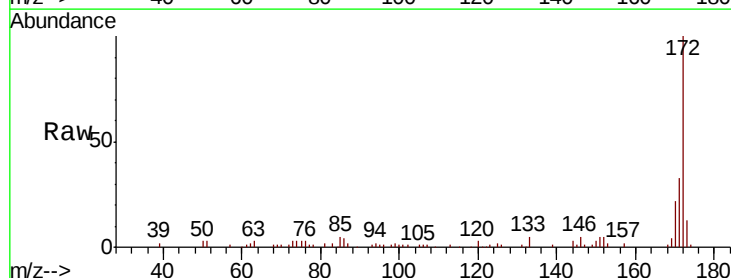
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 14.445 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BF117067.D
 Acq: 16 Sep 2019 17:05

Tgt Ion	Ratio	Lower	Upper
172	100		
171	32.9	28.2	42.2
170	21.8	18.9	28.3

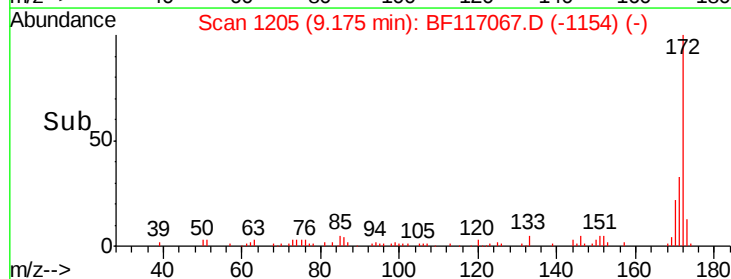
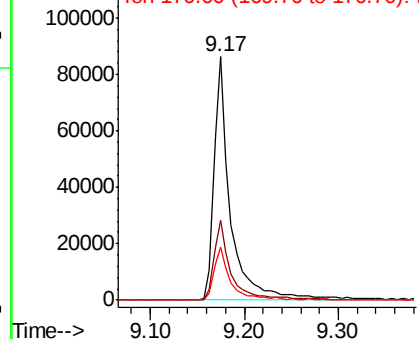


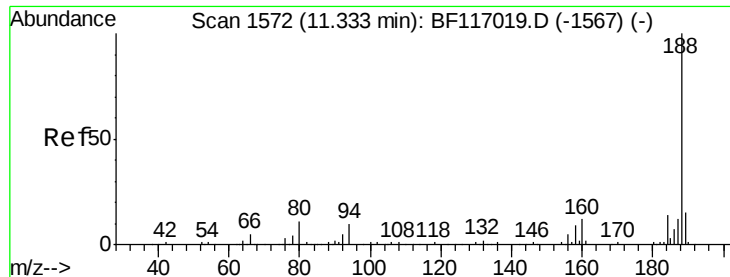
Abundance

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

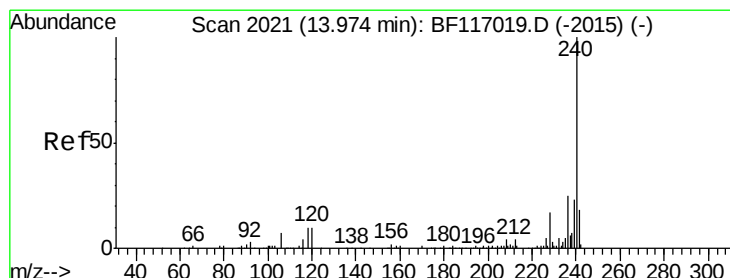
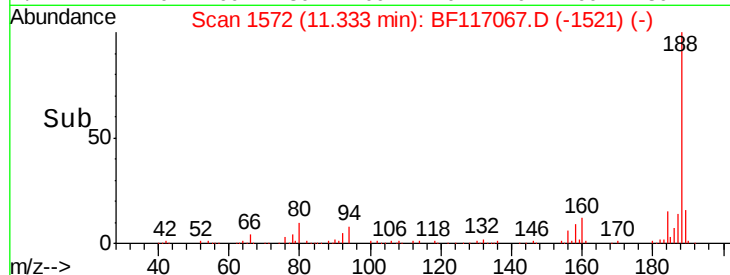
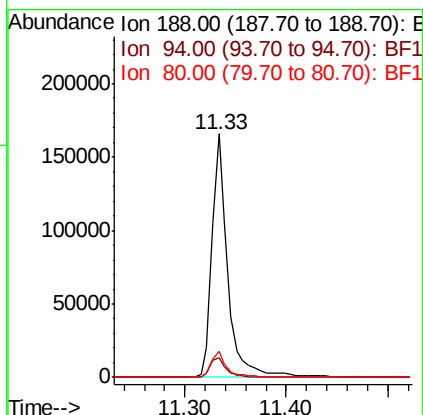
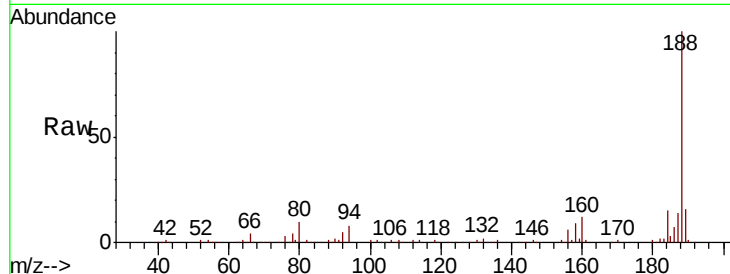




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BF117067.D
Acq: 16 Sep 2019 17:05

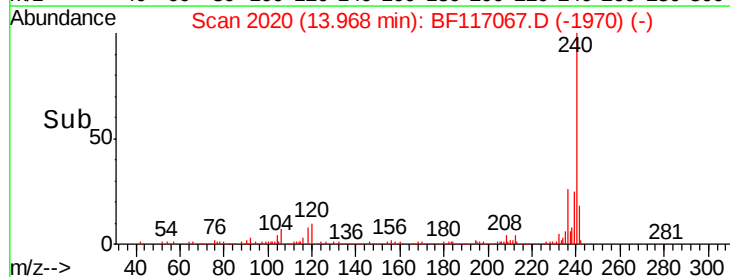
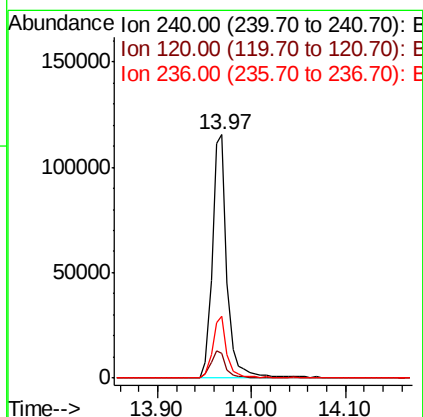
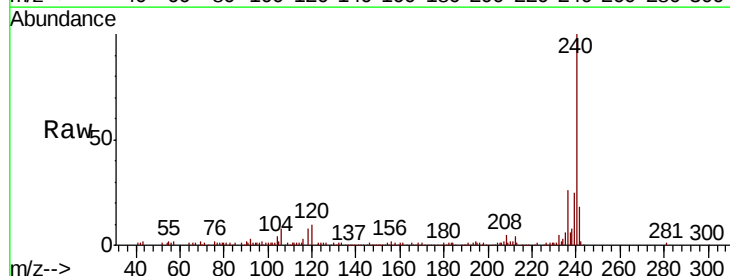
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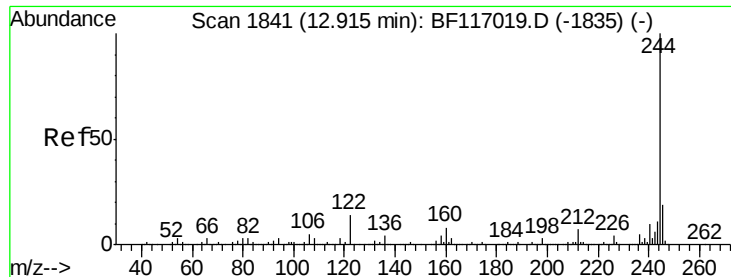
Tot Ion:188 Resp: 180021
Ion Ratio Lower Upper
188 100
94 8.2 8.2 12.2
80 10.5 9.0 13.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF117067.D
Acq: 16 Sep 2019 17:05

Tgt Ion:240 Resp: 128483
Ion Ratio Lower Upper
240 100
120 10.2 8.3 12.5
236 25.6 20.3 30.5

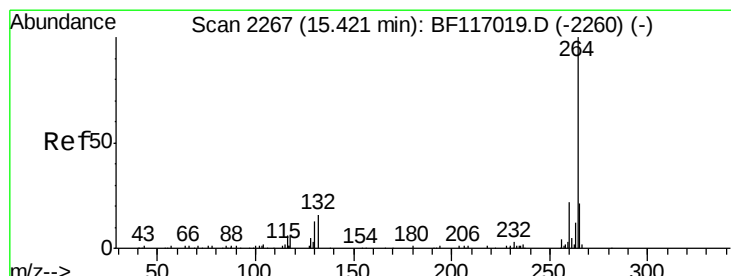
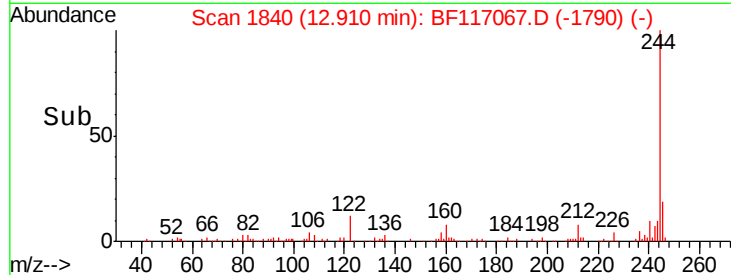
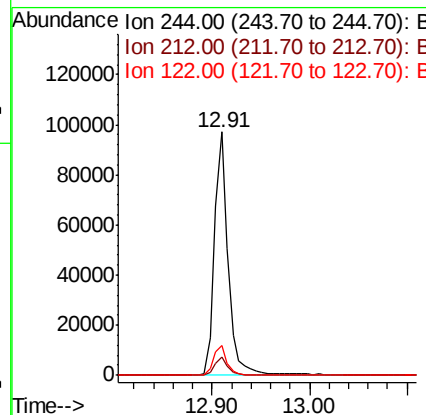
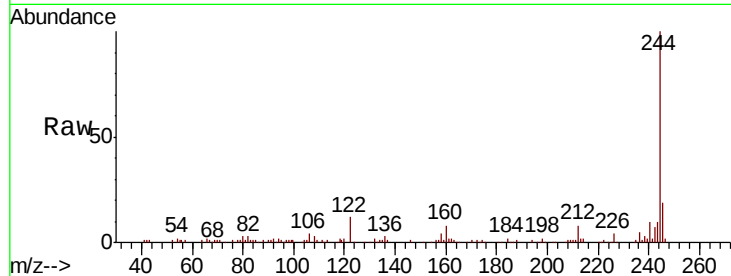




#79
 Terphenyl-d14
 Concen: 13.801 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. -0.01 min
 Lab File: BF117067.D
 Acq: 16 Sep 2019 17:05

Instrument :
 BNA_F
 ClientSampleId :
 HD-02-091319

Tot Ion:244 Resp: 94861
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.8 8.8
 122 12.2 11.3 16.9



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.41 min Scan# 2265
 Delta R.T. -0.01 min
 Lab File: BF117067.D
 Acq: 16 Sep 2019 17:05

Tgt Ion:264 Resp: 119141
 Ion Ratio Lower Upper
 264 100
 260 24.0 17.6 26.4
 265 21.7 16.6 24.8

