

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091319\
 Data File : BF117047.D
 Acq On : 14 Sep 2019 2:26
 Operator : HP/JU
 Sample : K4862-06 10X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 14 05:48:00 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

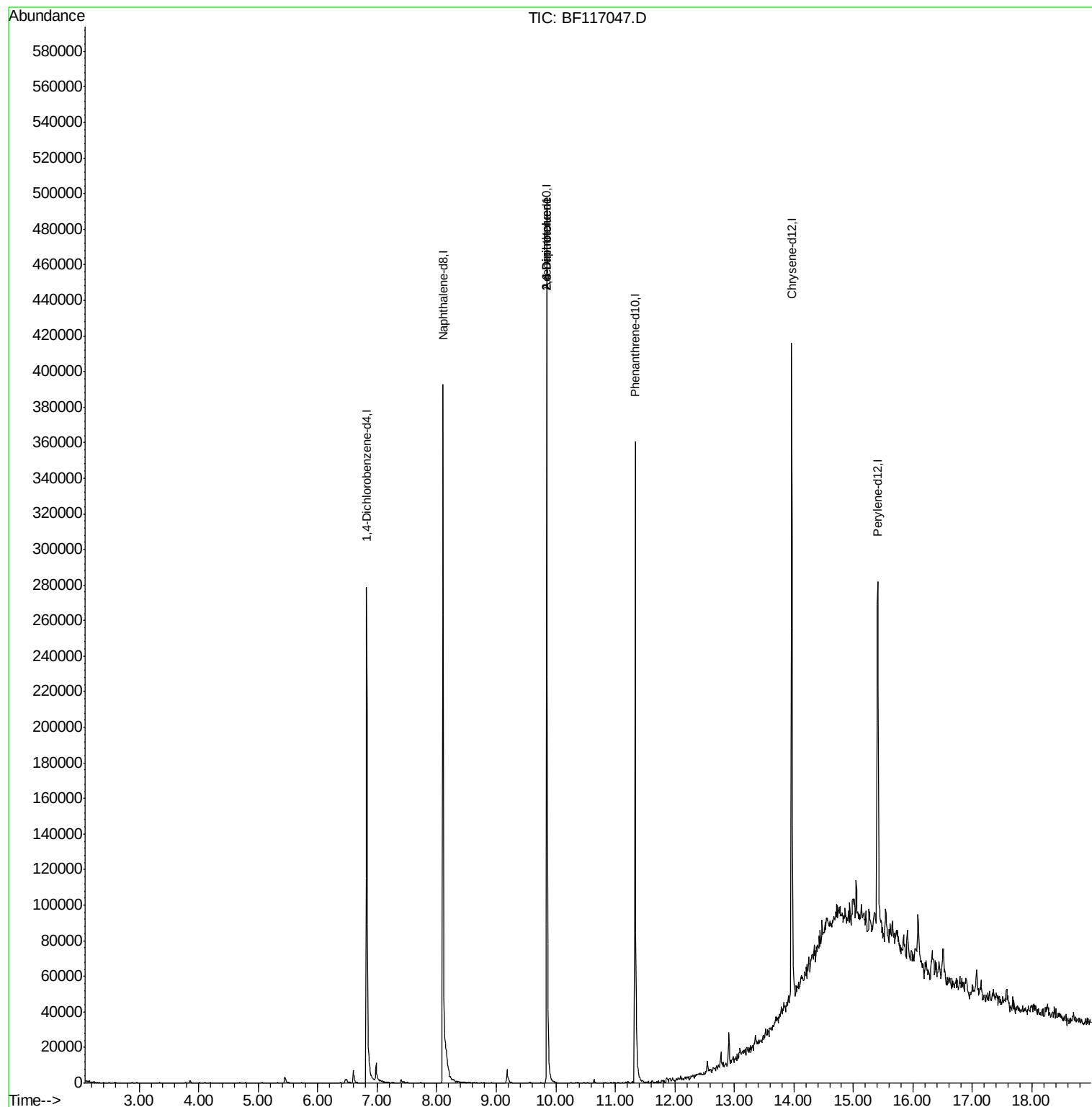
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	54425	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	246979	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	118712	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	168048	20.00	ng	0.00
76) Chrysene-d12	13.96	240	124486	20.00	ng	-0.01
87) Perylene-d12	15.41	264	96648	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	2873	0.82	ng	0.00
7) Phenol-d6	6.46	99	3873	0.86	ng	0.00
23) Nitrobenzene-d5	7.40	82	2092	0.45	ng	0.01
42) 2,4,6-Tribromophenol	10.65	330	591	0.60	ng	0.00
45) 2-Fluorobiphenyl	9.18	172	7628	1.00	ng	0.00
79) Terphenyl-d14	12.91	244	7427	1.12	ng	0.00
Target Compounds						
51) 2,6-Dinitrotoluene	9.85	165	14368	8.393	ng	# 24
57) 2,4-Dinitrotoluene	9.85	165	14368	6.466	ng	# 18

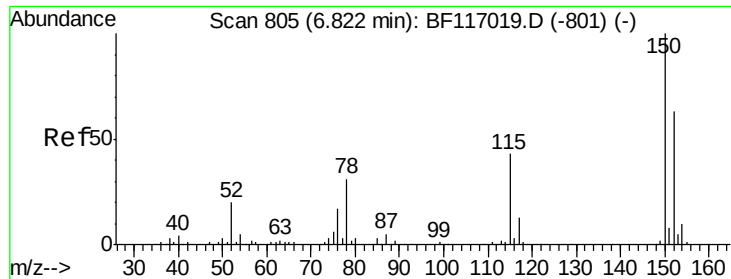
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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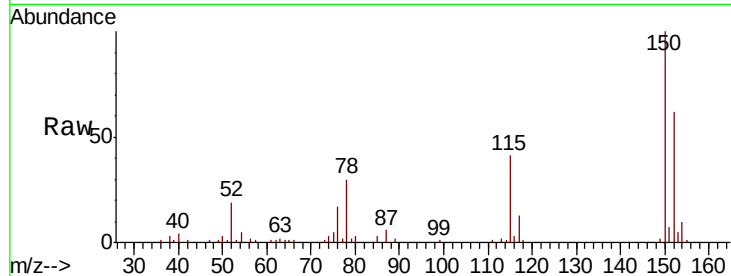


#1

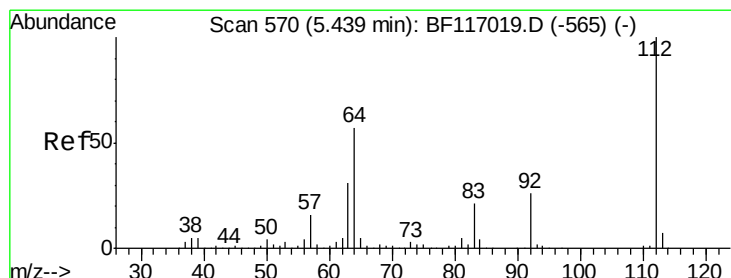
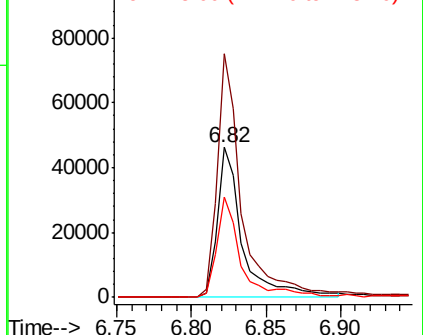
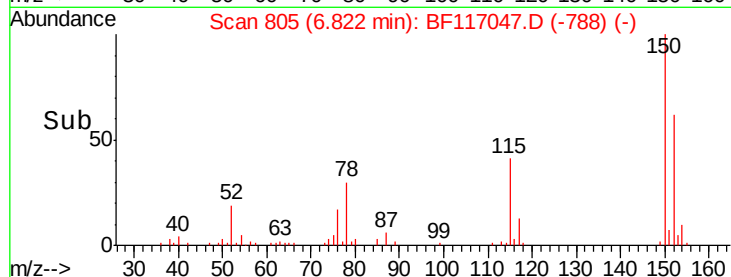
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF117047.D
Acq: 14 Sep 2019 2:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 54425
Ion Ratio Lower Upper
152 100
150 162.2 127.5 191.3
115 67.0 55.0 82.4



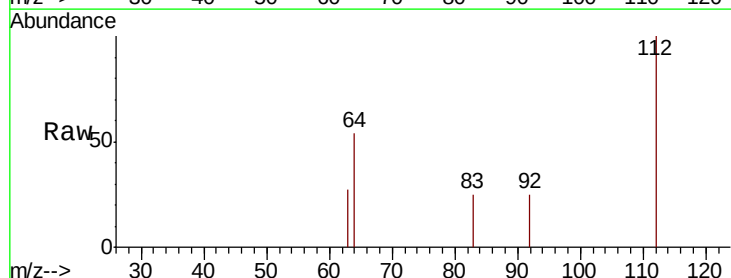
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



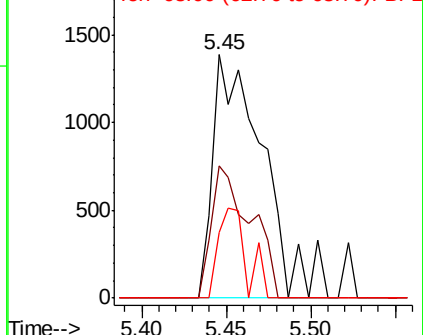
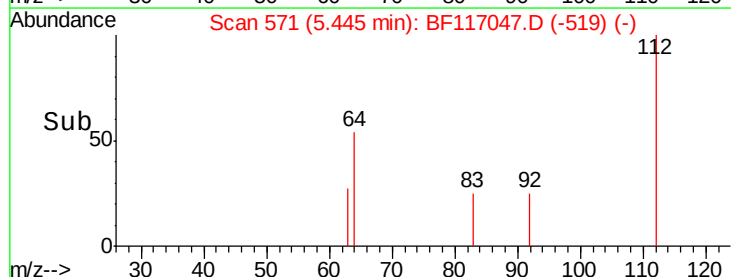
#5

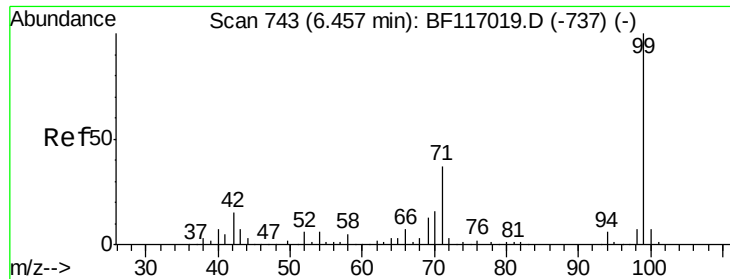
2-Fluorophenol
Concen: 0.824 ng
RT: 5.45 min Scan# 571
Delta R.T. 0.01 min
Lab File: BF117047.D
Acq: 14 Sep 2019 2:26

Tgt Ion:112 Resp: 2873
Ion Ratio Lower Upper
112 100
64 54.1 45.7 68.5
63 27.1 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: 0.860 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.01 min

Lab File: BF117047.D

Acq: 14 Sep 2019 2:26

Instrument :

BNA_F

ClientSampleId :

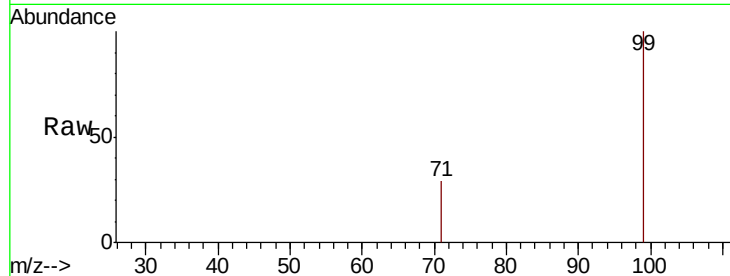
Tot Ion: 99 Resp: 3873

Ion Ratio Lower Upper

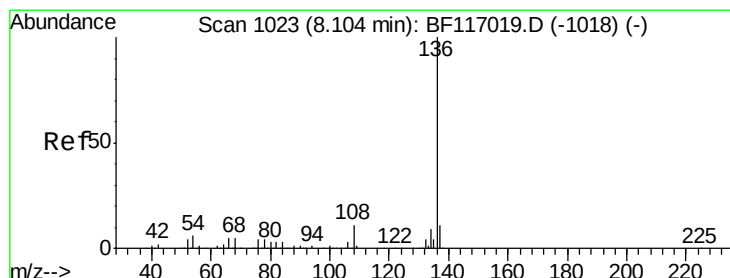
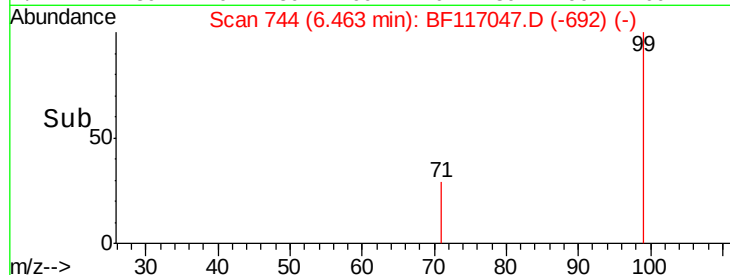
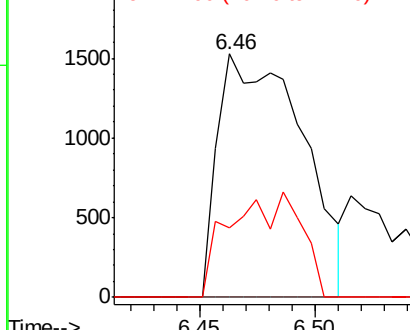
99 100

42 0.0 12.2 18.2#

71 28.7 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: BF117047.D

Acq: 14 Sep 2019 2:26

Tgt Ion: 136 Resp: 246979

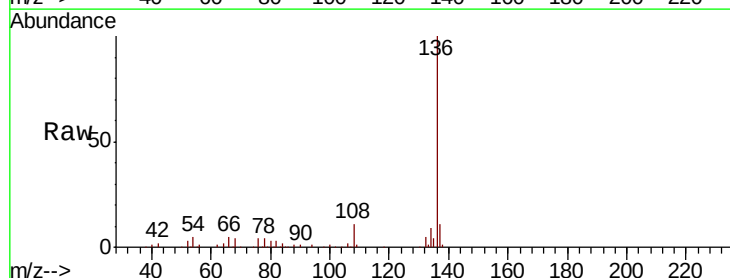
Ion Ratio Lower Upper

136 100

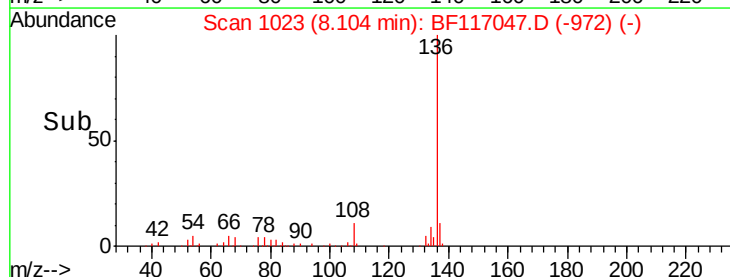
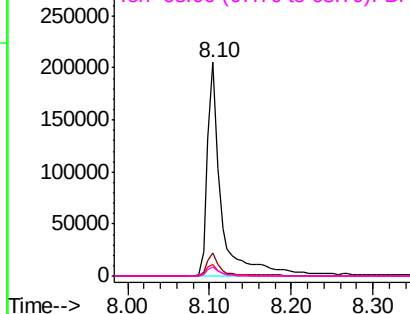
137 10.8 9.0 13.4

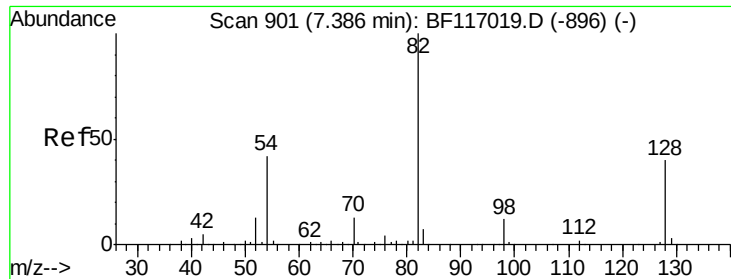
54 5.1 4.5 6.7

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

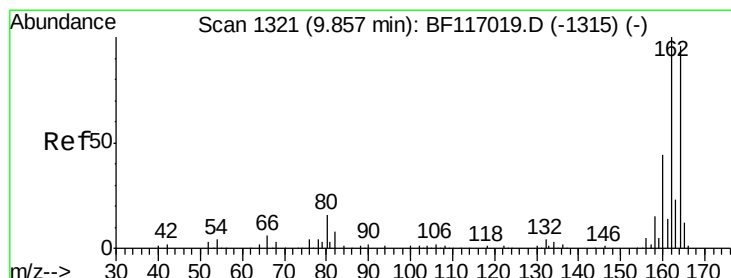
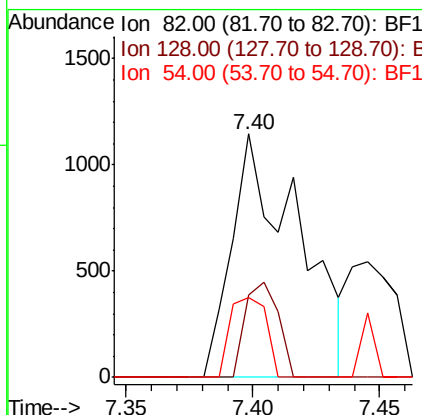
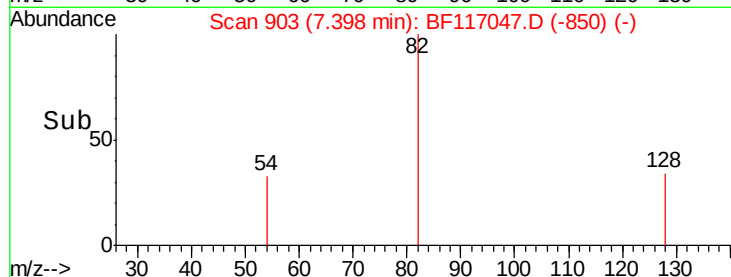
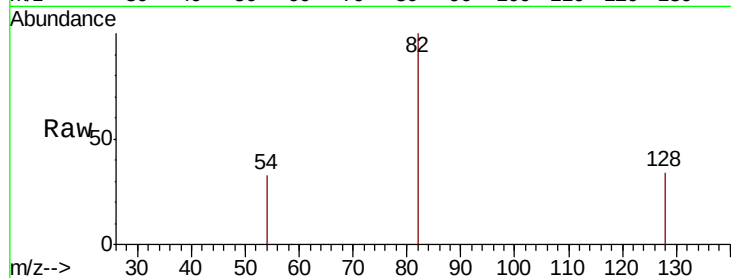




#23
Nitrobenzene-d5
Concen: 0.445 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.01 min
Lab File: BF117047.D
Acq: 14 Sep 2019 2:26

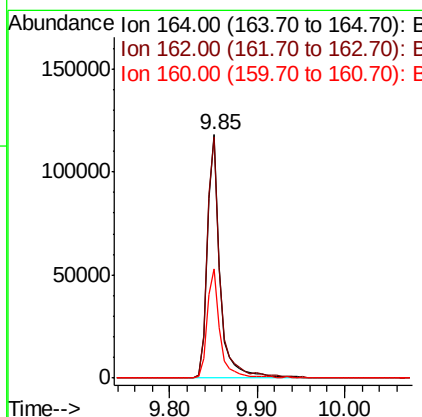
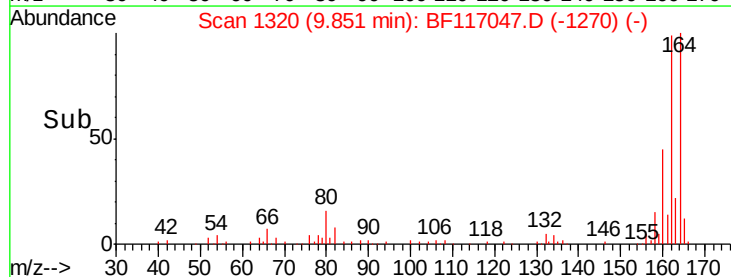
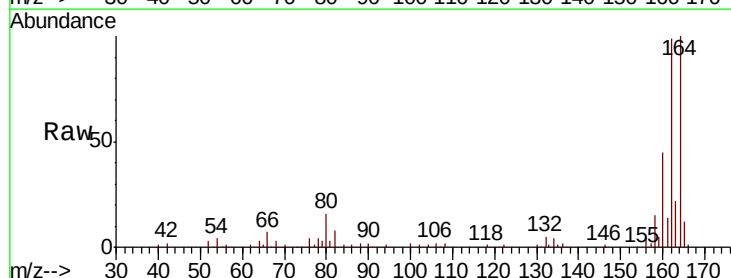
Instrument :
BNA_F
ClientSampled :

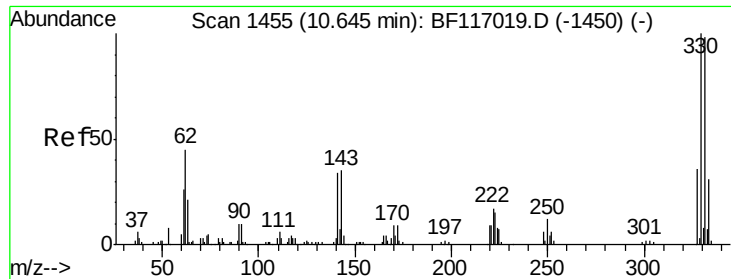
Tot Ion	82	Resp	2092
Ion Ratio	Lower	Upper	
82	100		
128	33.7	32.3	48.5
54	32.8	33.3	49.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF117047.D
Acq: 14 Sep 2019 2:26

Tgt Ion	164	Resp	118712
Ion Ratio	Lower	Upper	
164	100		
162	99.0	83.4	125.2
160	44.9	36.4	54.6

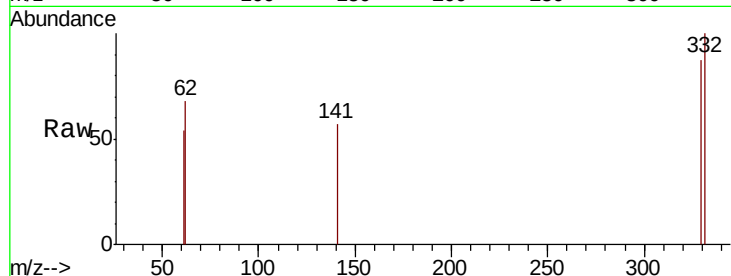




#42
 2,4,6-Tribromophenol
 Concen: 0.596 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. 0.00 min
 Lab File: BF117047.D
 Acq: 14 Sep 2019 2:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	104.4	78.0	117.0
141	39.9	35.8	53.6

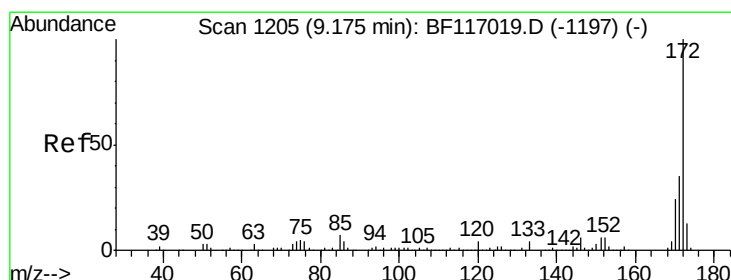
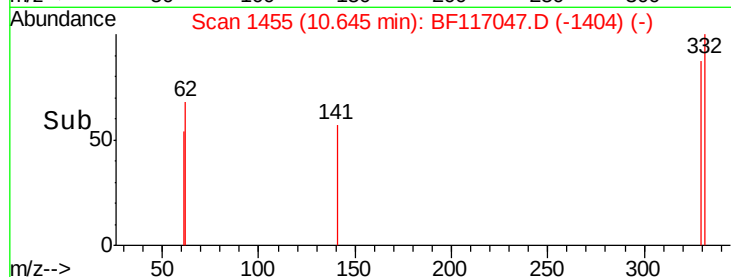
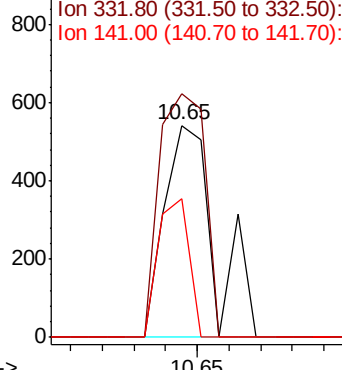


Abundance

Ion 329.80 (329.50 to 330.50): E

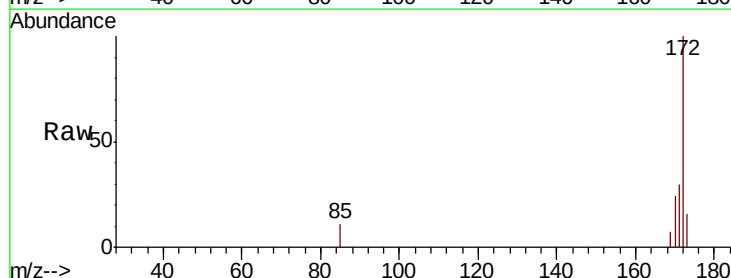
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 1.005 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. 0.01 min
 Lab File: BF117047.D
 Acq: 14 Sep 2019 2:26

Tgt Ion	Ratio	Lower	Upper
172	100		
171	30.5	28.2	42.2
170	23.6	18.9	28.3

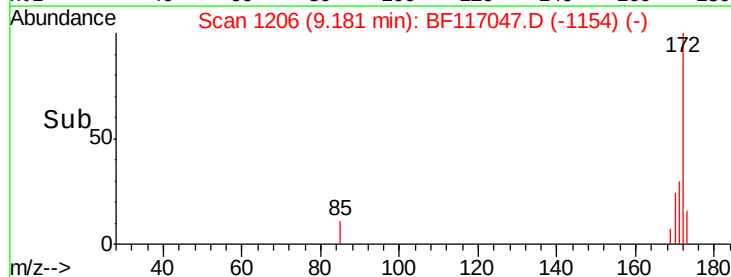
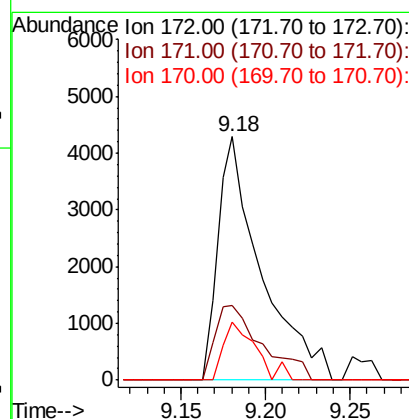


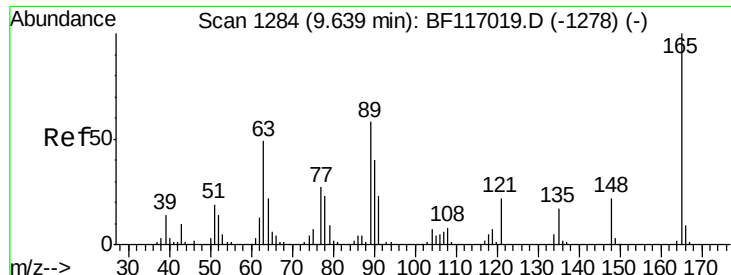
Abundance

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

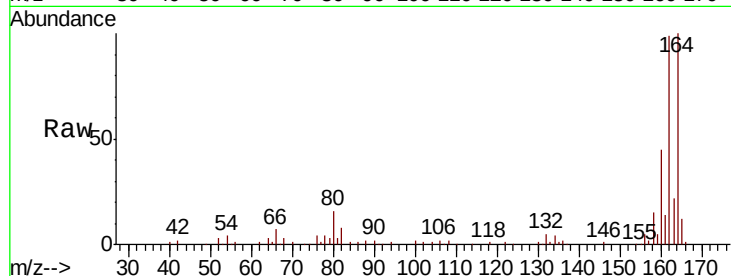




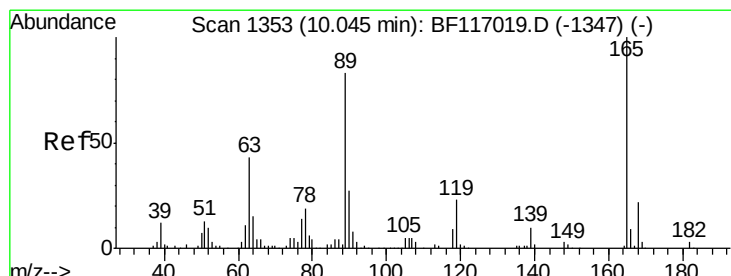
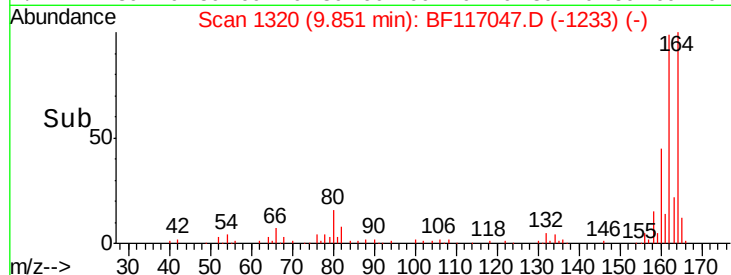
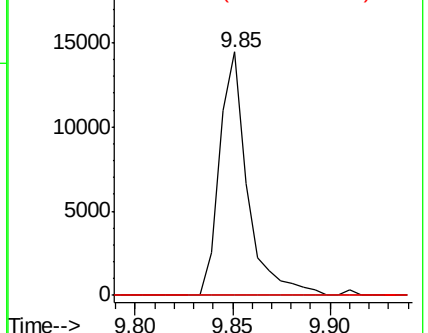
#51
 2,6-Dinitrotoluene
 Concen: 8.393 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. 0.21 min
 Lab File: BF117047.D
 Acq: 14 Sep 2019 2:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	41.8	62.8#
89	0.0	46.5	69.7#



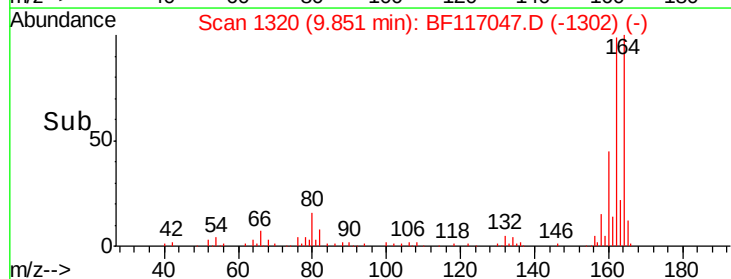
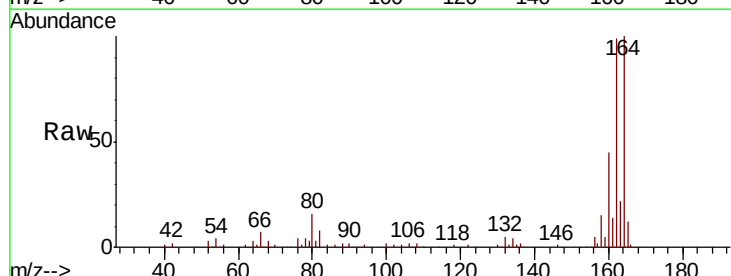
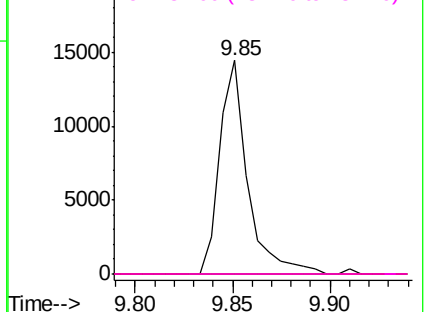
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

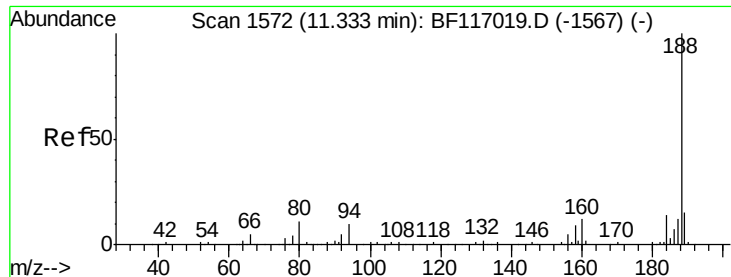


#57
 2,4-Dinitrotoluene
 Concen: 6.466 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.19 min
 Lab File: BF117047.D
 Acq: 14 Sep 2019 2:26

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	35.0	52.4#
89	0.0	66.1	99.1#
182	0.0	2.0	3.0#

Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

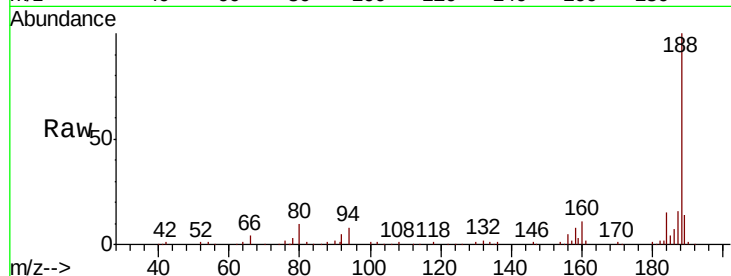




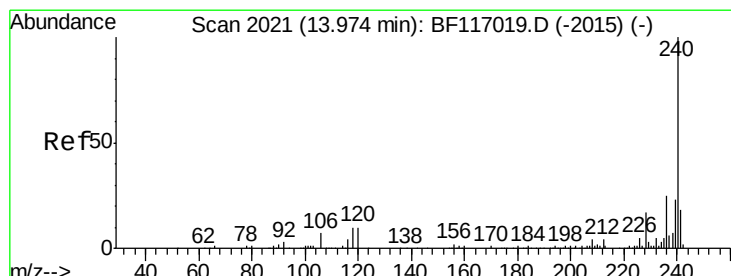
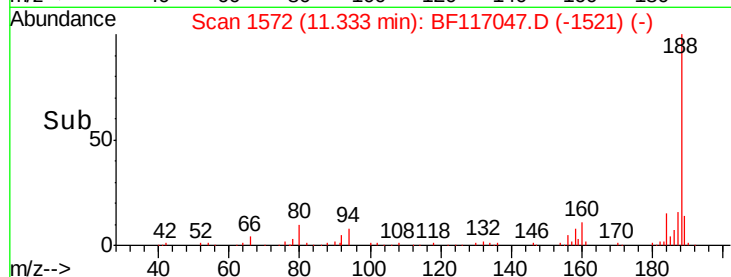
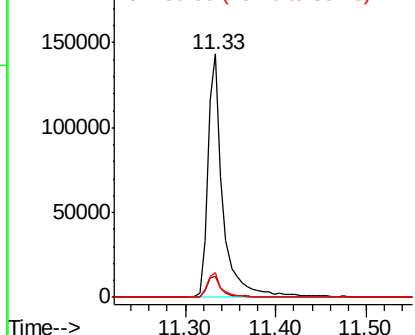
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BF117047.D
Acq: 14 Sep 2019 2:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
188	100		
94	8.4	8.2	12.2
80	10.4	9.0	13.6

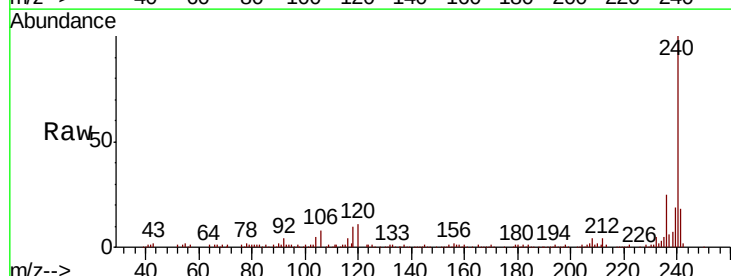


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

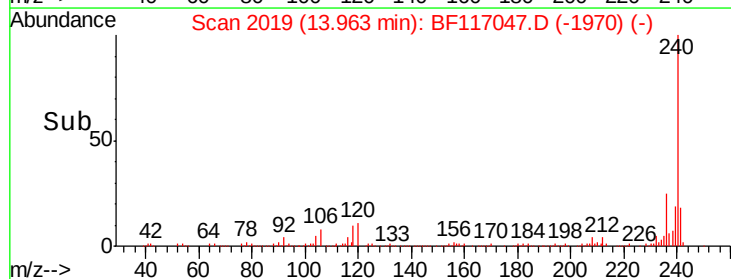
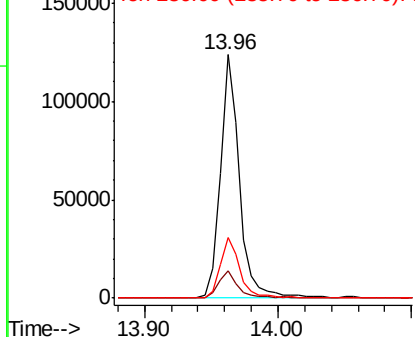


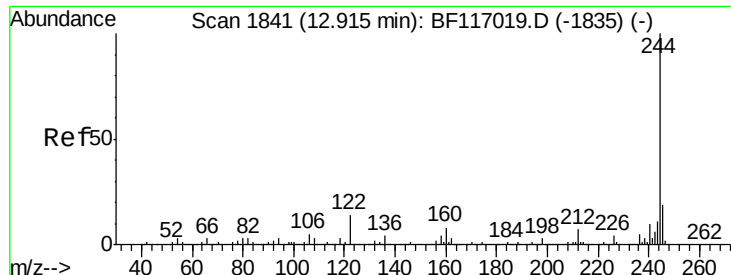
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BF117047.D
Acq: 14 Sep 2019 2:26

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.3	8.3	12.5
236	24.9	20.3	30.5



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 1.115 ng

RT: 12.91 min Scan# 1840

Delta R.T. -0.01 min

Lab File: BF117047.D

Acq: 14 Sep 2019 2:26

Instrument :

BNA_F

ClientSampled :

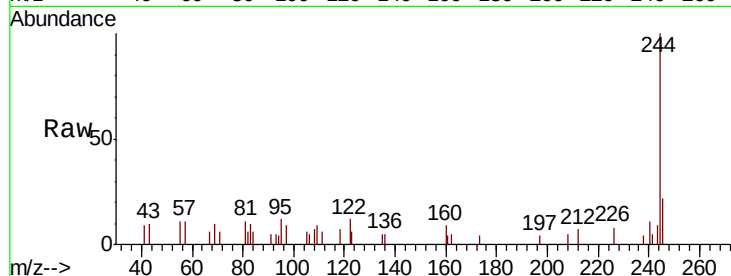
Tot Ion:244 Resp: 7427

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

122 12.3 11.3 16.9

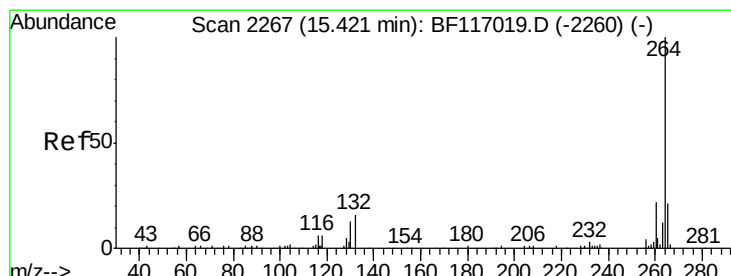
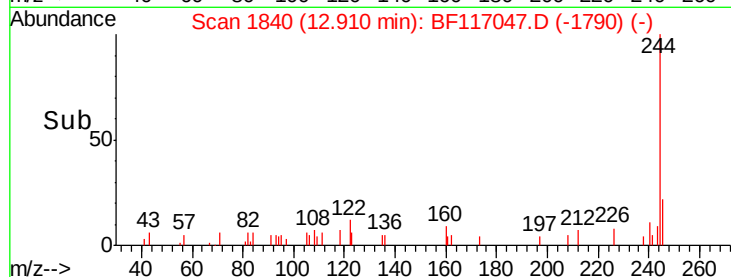
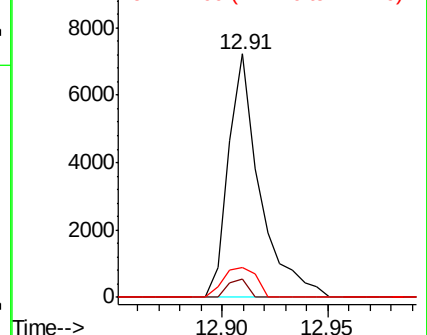


Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.41 min Scan# 2265

Delta R.T. -0.01 min

Lab File: BF117047.D

Acq: 14 Sep 2019 2:26

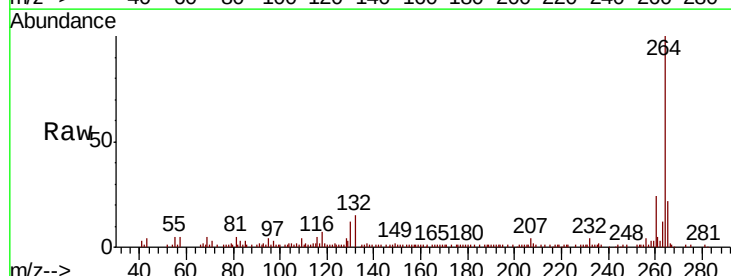
Tgt Ion:264 Resp: 96648

Ion Ratio Lower Upper

264 100

260 23.6 17.6 26.4

265 22.0 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

