

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120419\
 Data File : BF118097.D
 Acq On : 4 Dec 2019 20:20
 Operator : JU
 Sample : K6098-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OWL-C2-GW

Quant Time: Dec 05 04:07:19 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 03 15:16:53 2019
 Response via : Initial Calibration

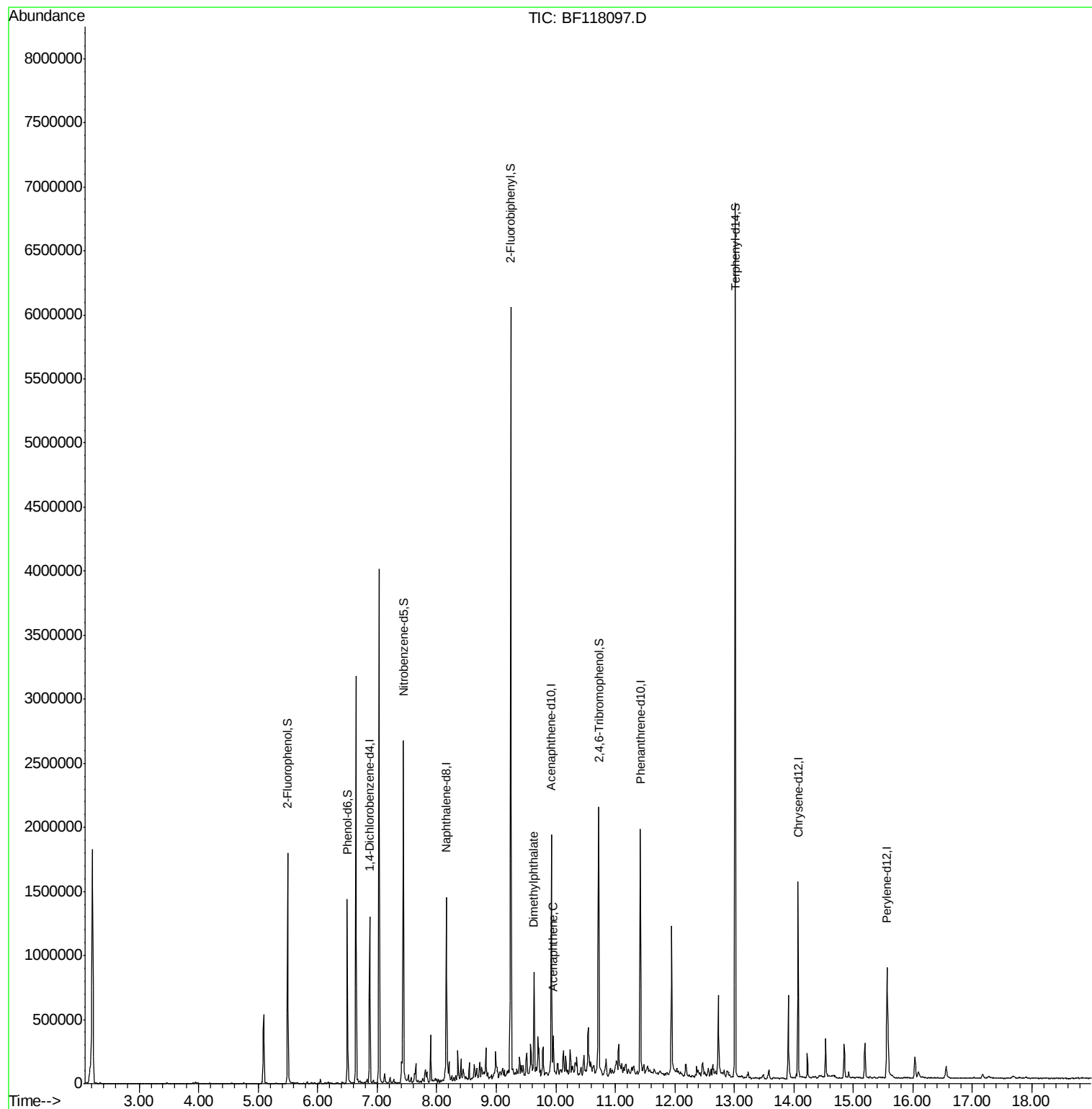
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	181758	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	649589	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	373400	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	719569	20.00	ng	0.00
76) Chrysene-d12	14.07	240	525822	20.00	ng	0.00
87) Perylene-d12	15.57	264	395224	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	525104	51.14	ng	0.01
7) Phenol-d6	6.50	99	466694	37.68	ng	-0.01
23) Nitrobenzene-d5	7.44	82	961985	88.03	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	296739	75.06	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1882751	90.46	ng	0.00
79) Terphenyl-d14	13.02	244	2431289	84.50	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.64	163	351529	13.425	ng	99
52) Acenaphthene	9.96	154	61366	2.883	ng	97

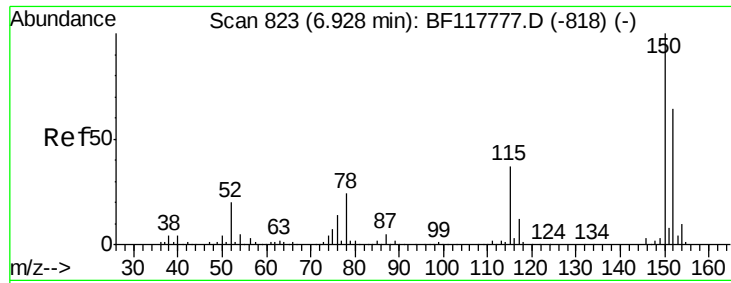
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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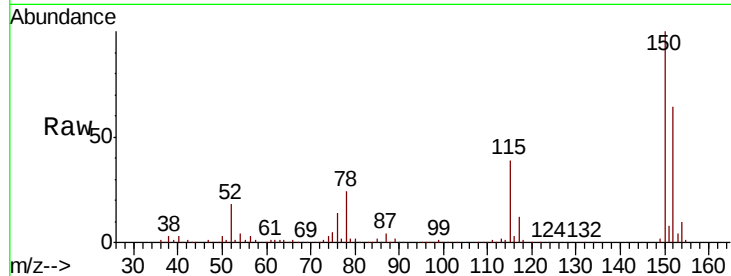




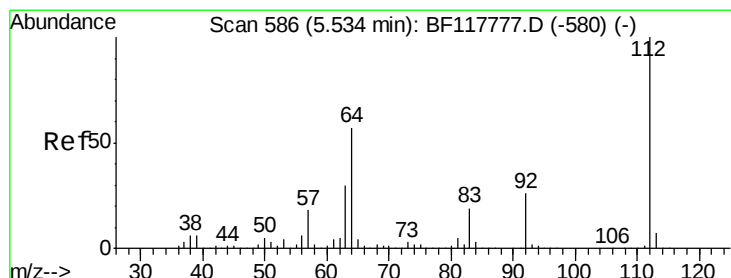
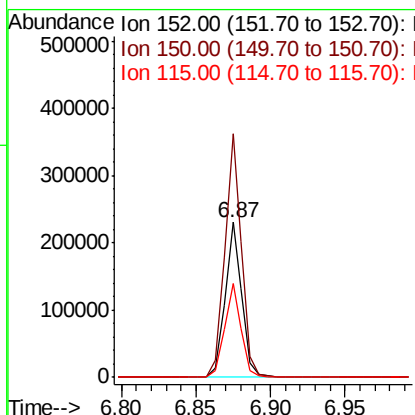
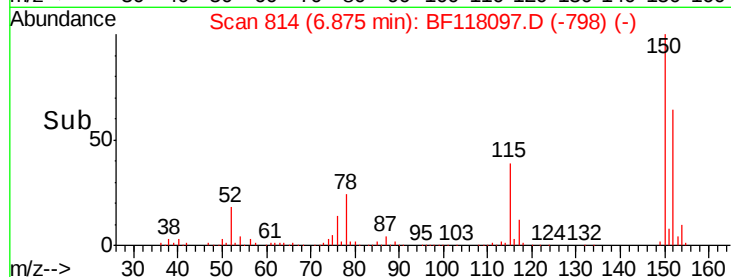
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.87 min Scan# 814
 Delta R.T. -0.01 min
 Lab File: BF118097.D
 Acq: 4 Dec 2019 20:20

Instrument :
 BNA_F
 ClientSampleId :
 OWL-C2-GW

Tot Ion:152 Resp: 181758
 Ion Ratio Lower Upper
 152 100
 150 157.3 121.4 182.2
 115 60.6 48.8 73.2

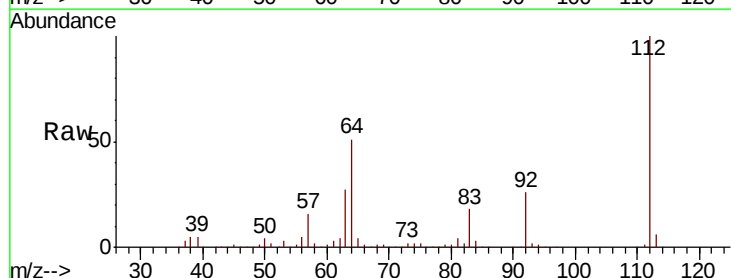


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

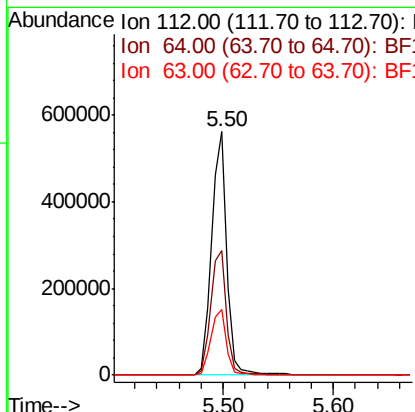
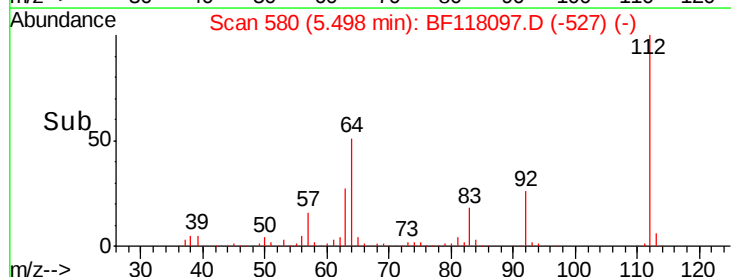


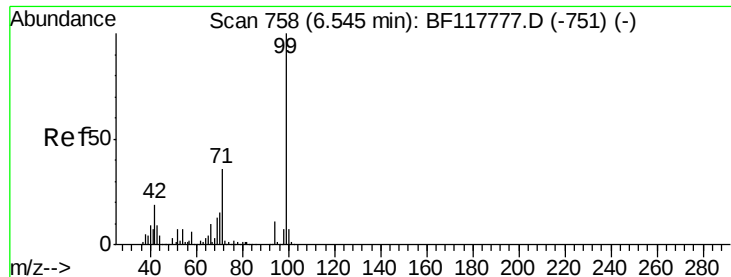
#5
 2-Fluorophenol
 Concen: 51.139 ng
 RT: 5.50 min Scan# 580
 Delta R.T. 0.01 min
 Lab File: BF118097.D
 Acq: 4 Dec 2019 20:20

Tgt Ion:112 Resp: 525104
 Ion Ratio Lower Upper
 112 100
 64 51.1 45.1 67.7
 63 27.0 24.6 37.0



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: 37.682 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF118097.D

Acq: 4 Dec 2019 20:20

Instrument :

BNA_F

ClientSampleId :

OWL-C2-GW

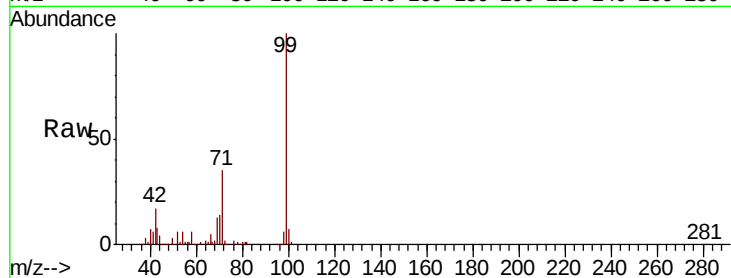
Tot Ion: 99 Resp: 466694

Ion Ratio Lower Upper

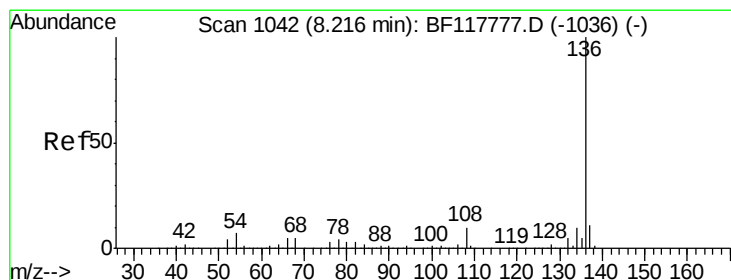
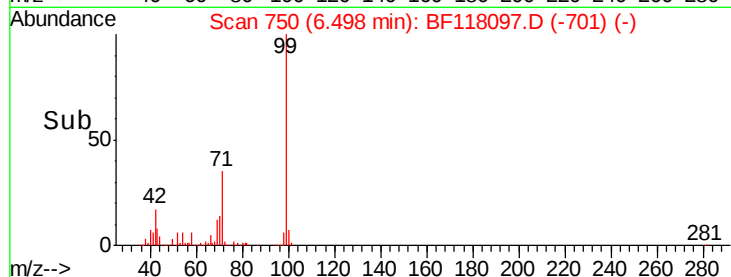
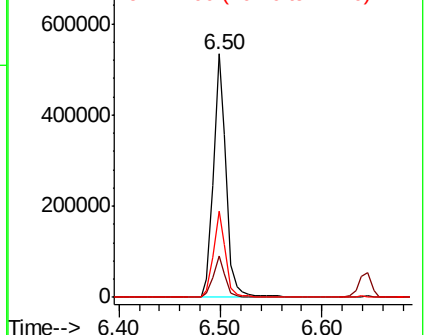
99 100

42 16.8 14.0 21.0

71 35.2 29.2 43.8



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: 8.16 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF118097.D

Acq: 4 Dec 2019 20:20

Tgt Ion: 136 Resp: 649589

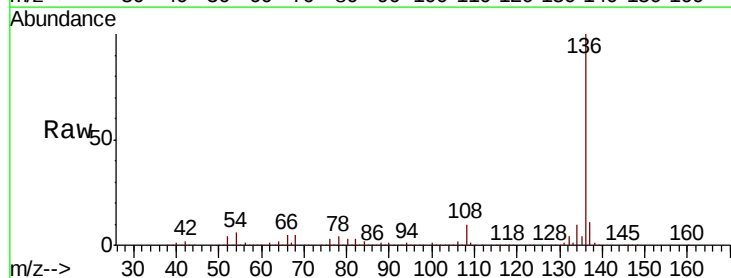
Ion Ratio Lower Upper

136 100

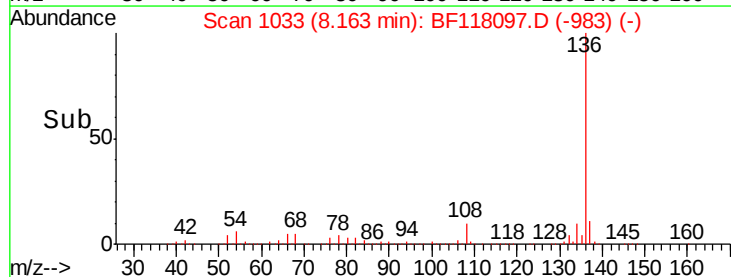
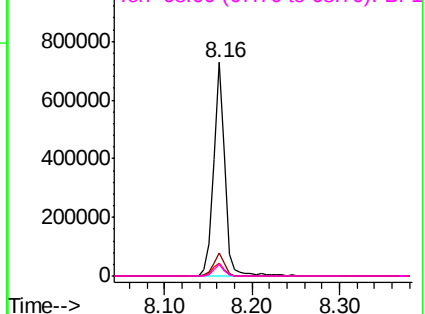
137 10.9 9.1 13.7

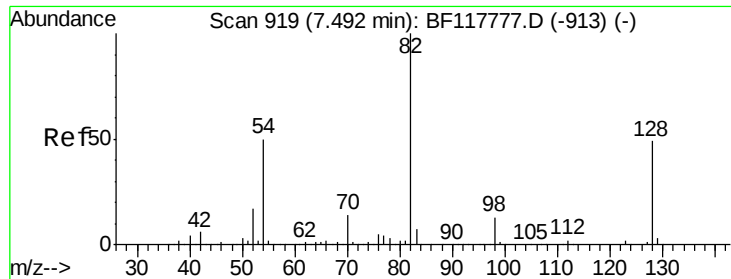
54 6.3 4.9 7.3

68 5.2 3.6 5.4



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

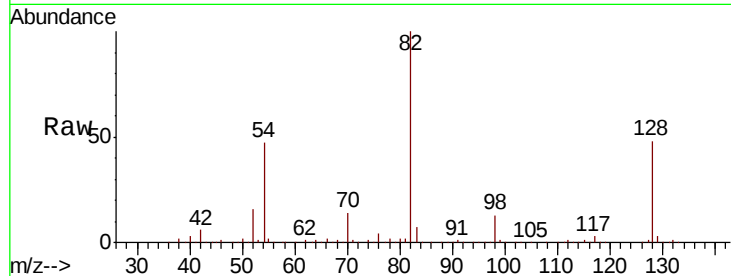




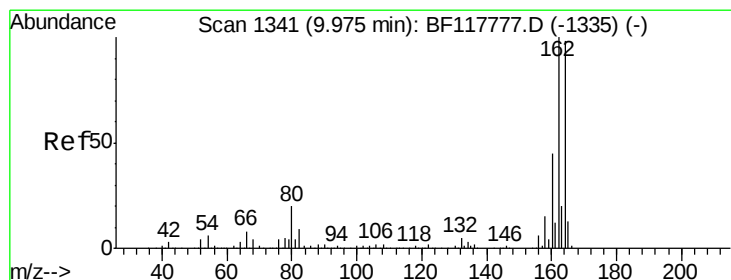
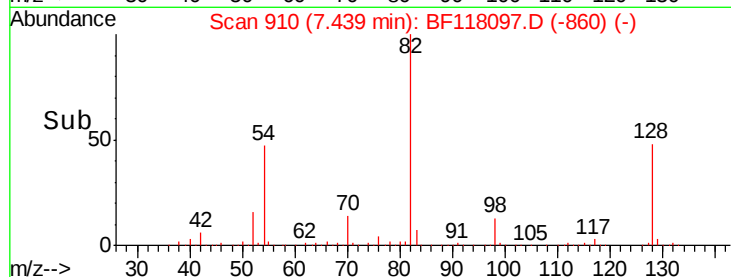
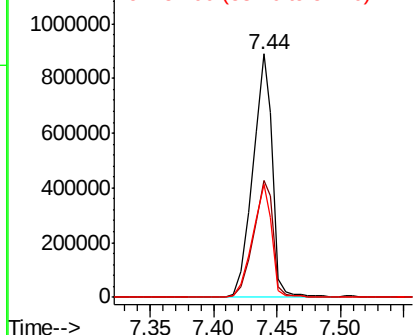
#23
Nitrobenzene-d5
Concen: 88.034 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF118097.D
Acq: 4 Dec 2019 20:20

Instrument :
BNA_F
ClientSampleId :
OWL-C2-GW

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.9	38.2	57.4
54	46.6	39.0	58.4

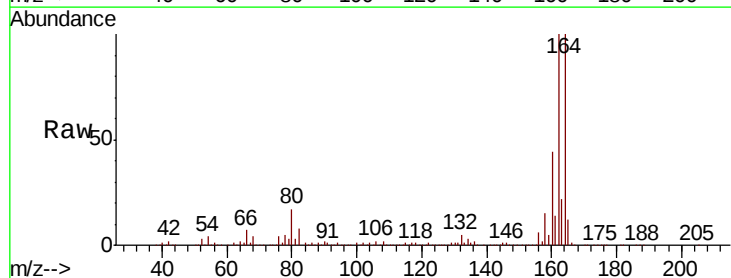


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

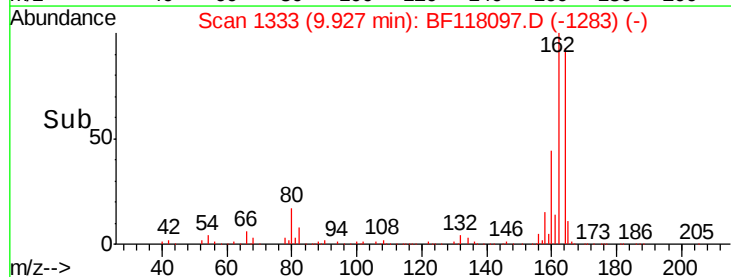
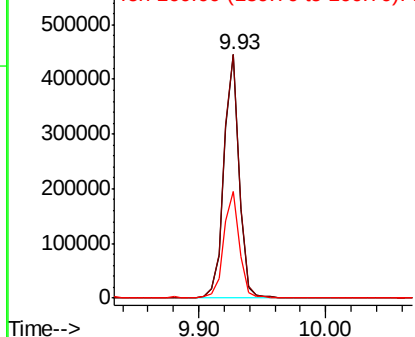


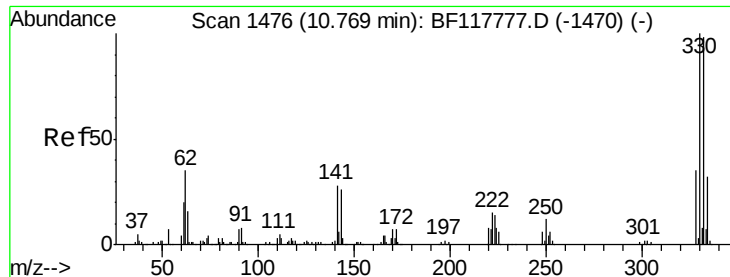
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF118097.D
Acq: 4 Dec 2019 20:20

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.0	81.8	122.8
160	43.9	35.9	53.9



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 75.064 ng

RT: 10.72 min Scan# 1468

Delta R.T. -0.00 min

Lab File: BF118097.D

Acq: 4 Dec 2019 20:20

Instrument :

BNA_F

ClientSampleId :

OWL-C2-GW

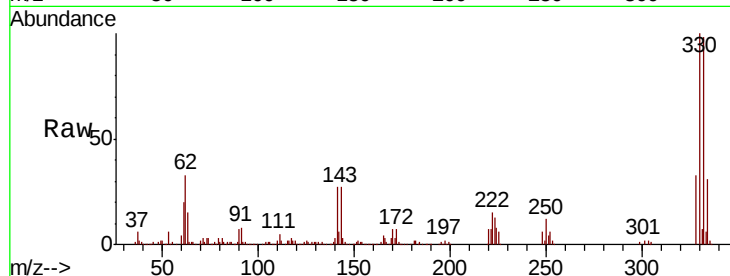
Tot Ion:330 Resp: 296739

Ion Ratio Lower Upper

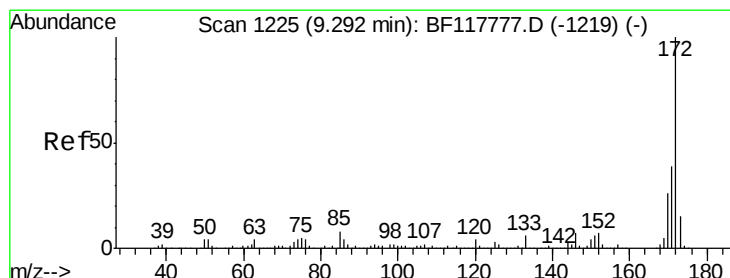
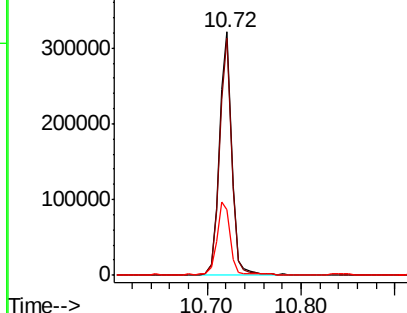
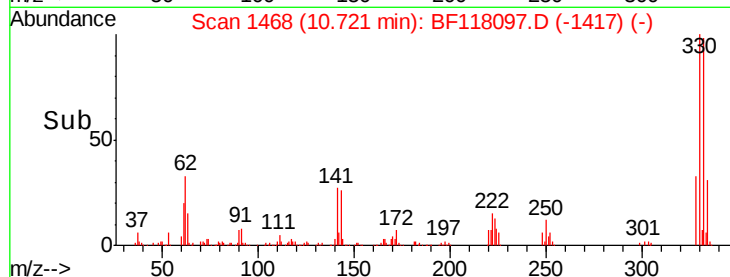
330 100

332 96.4 78.3 117.5

141 32.7 26.4 39.6



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: 90.459 ng

RT: 9.25 min Scan# 1217

Delta R.T. -0.00 min

Lab File: BF118097.D

Acq: 4 Dec 2019 20:20

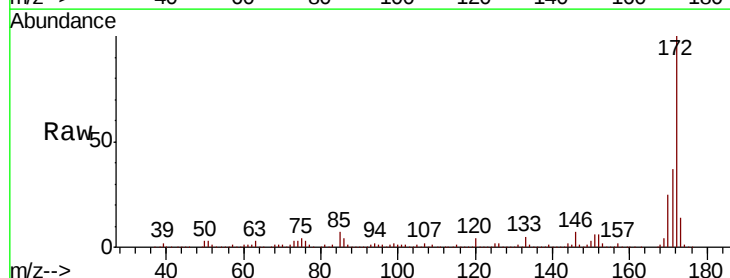
Tgt Ion:172 Resp: 1882751

Ion Ratio Lower Upper

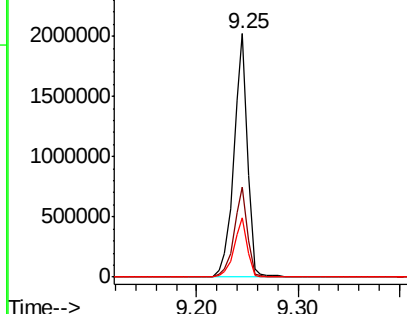
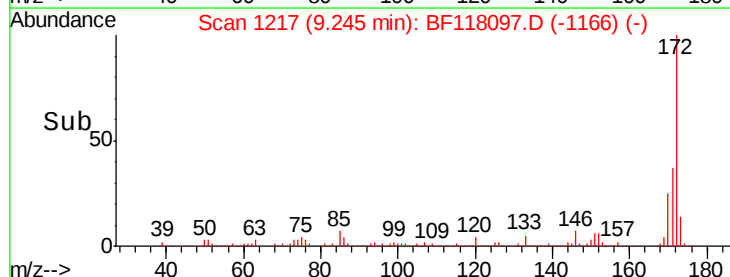
172 100

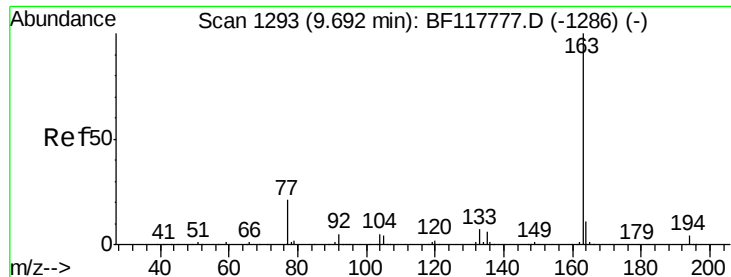
171 36.8 29.2 43.8

170 24.5 19.3 28.9



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

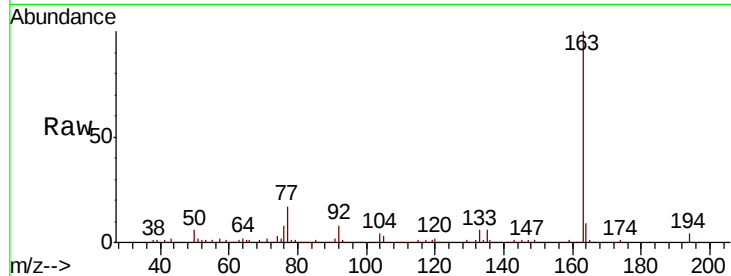




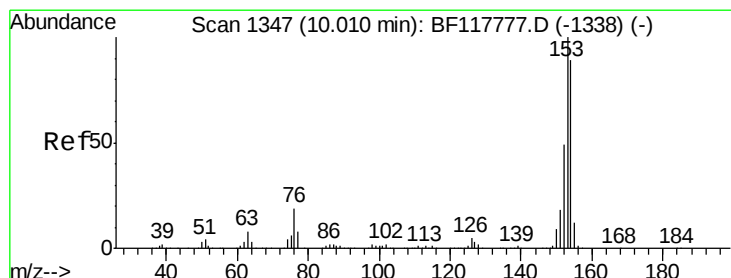
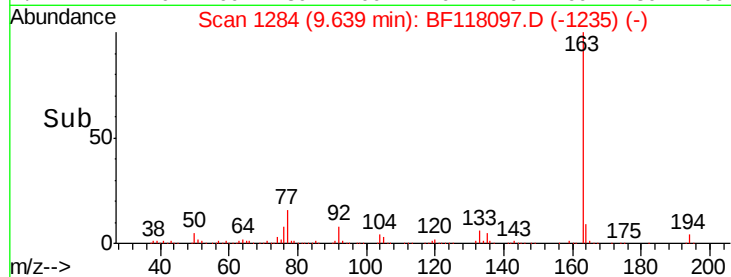
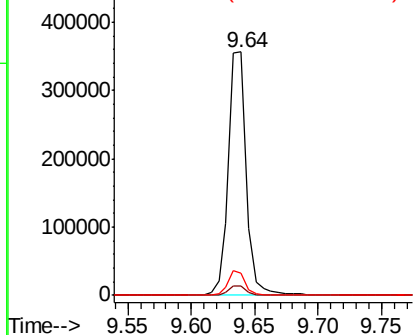
#50
Dimethylphthalate
Concen: 13.425 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.01 min
Lab File: BF118097.D
Acq: 4 Dec 2019 20:20

Instrument :
BNA_F
ClientSampleId :
OWL-C2-GW

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.1	4.7
164	9.4	7.9	11.9

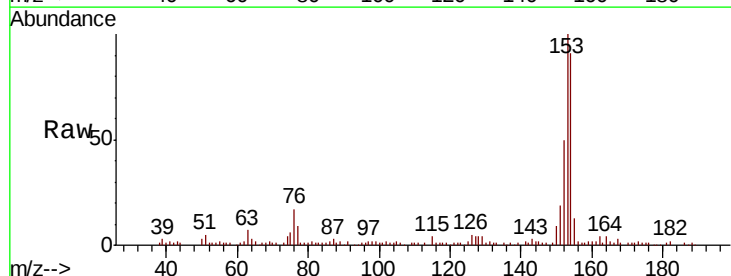


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

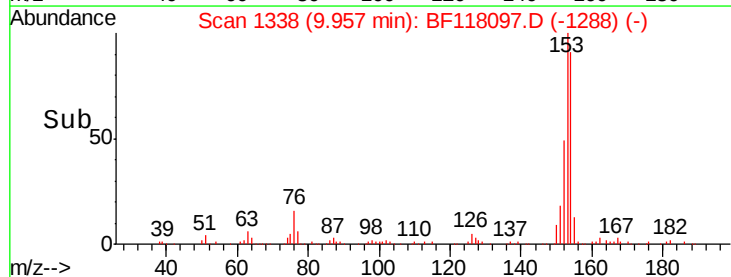
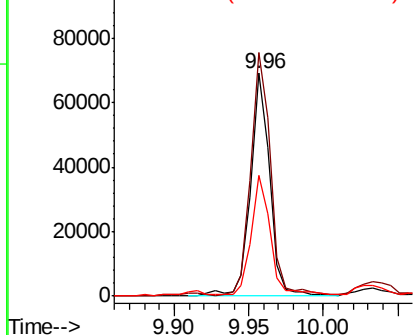


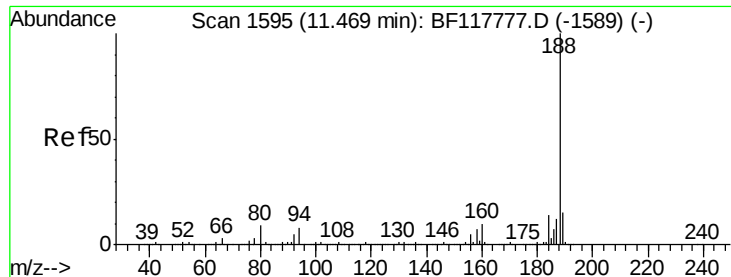
#52
Acenaphthene
Concen: 2.883 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BF118097.D
Acq: 4 Dec 2019 20:20

Tgt Ion	Ratio	Lower	Upper
154	100		
153	109.4	91.2	136.8
152	54.5	43.6	65.4



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.42 min Scan# 1587

Delta R.T. -0.00 min

Lab File: BF118097.D

Acq: 4 Dec 2019 20:20

Instrument :

BNA_F

ClientSampleId :

OWL-C2-GW

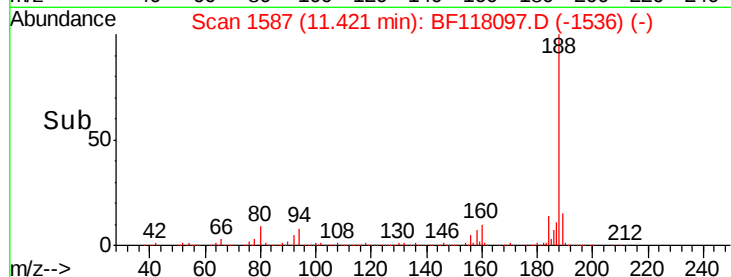
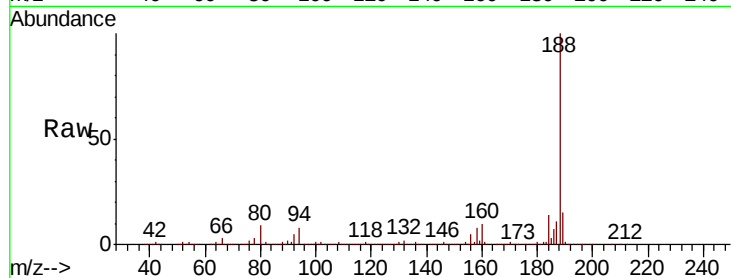
Tot Ion:188 Resp: 719569

Ion Ratio Lower Upper

188 100

94 8.2 7.0 10.6

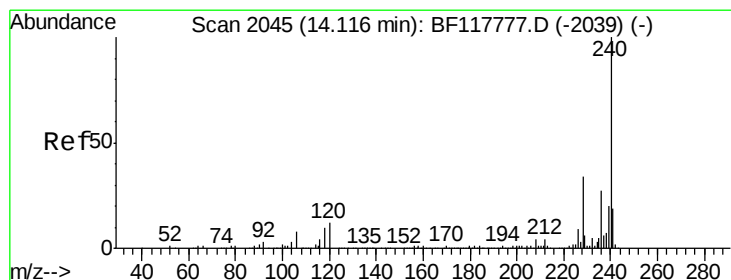
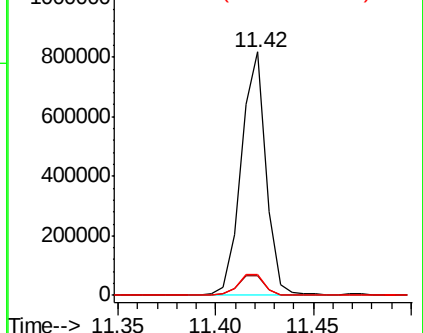
80 8.6 7.2 10.8



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: 14.07 min Scan# 2038

Delta R.T. -0.00 min

Lab File: BF118097.D

Acq: 4 Dec 2019 20:20

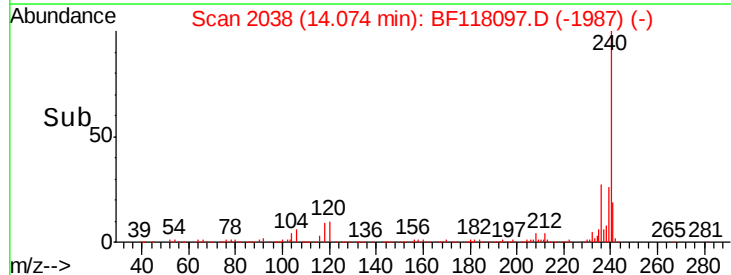
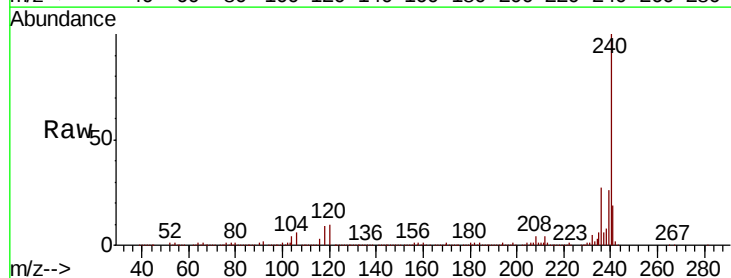
Tgt Ion:240 Resp: 525822

Ion Ratio Lower Upper

240 100

120 9.5 8.4 12.6

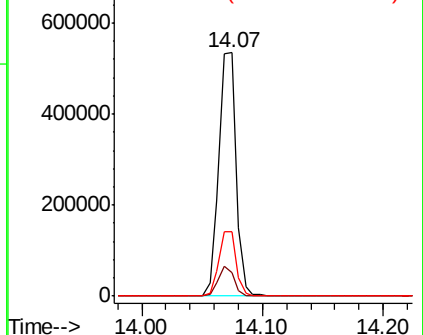
236 26.5 20.6 31.0

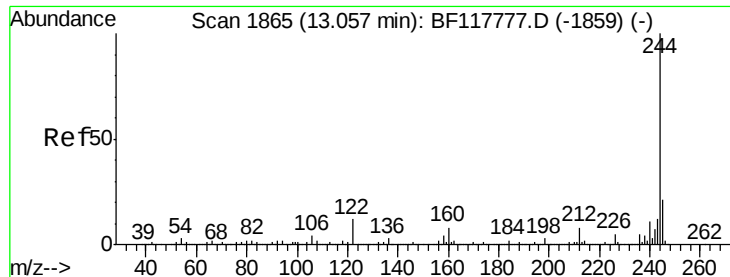


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 84.505 ng

RT: 13.02 min Scan# 1858

Delta R.T. -0.00 min

Lab File: BF118097.D

Acq: 4 Dec 2019 20:20

Instrument :

BNA_F

ClientSampleId :

OWL-C2-GW

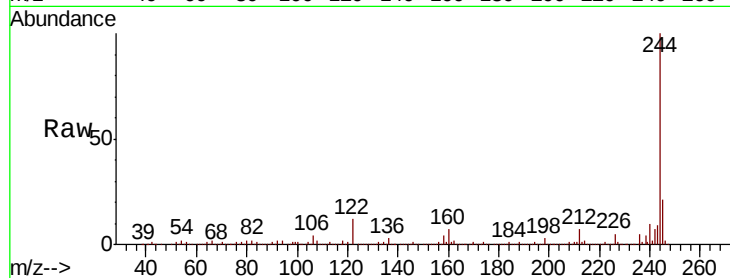
Tot Ion:244 Resp: 2431289

Ion Ratio Lower Upper

244 100

212 7.2 5.2 7.8

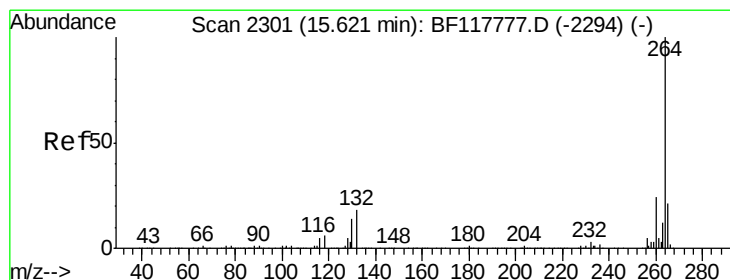
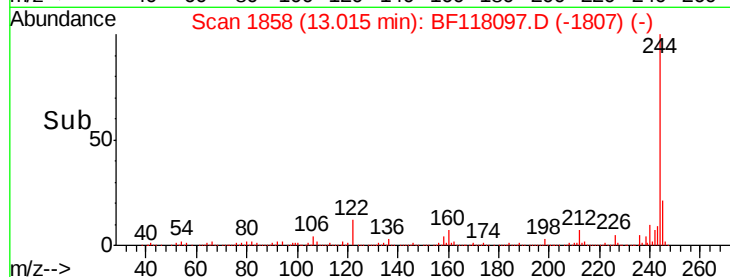
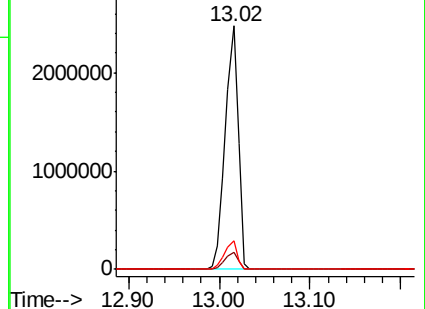
122 11.6 7.2 10.8#



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: 15.57 min Scan# 2292

Delta R.T. -0.00 min

Lab File: BF118097.D

Acq: 4 Dec 2019 20:20

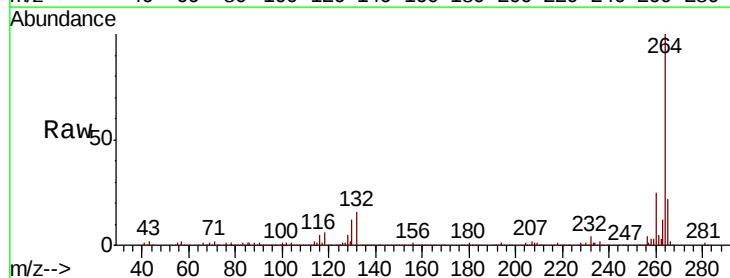
Tgt Ion:264 Resp: 395224

Ion Ratio Lower Upper

264 100

260 24.6 19.0 28.6

265 21.9 16.4 24.6



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

