

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF093020\
 Data File : BF121750.D
 Acq On : 30 Sep 2020 21:06
 Operator : JU/CG
 Sample : L4189-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-C-2334-C

Quant Time: Oct 01 00:58:34 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 29 11:12:14 2020
 Response via : Initial Calibration

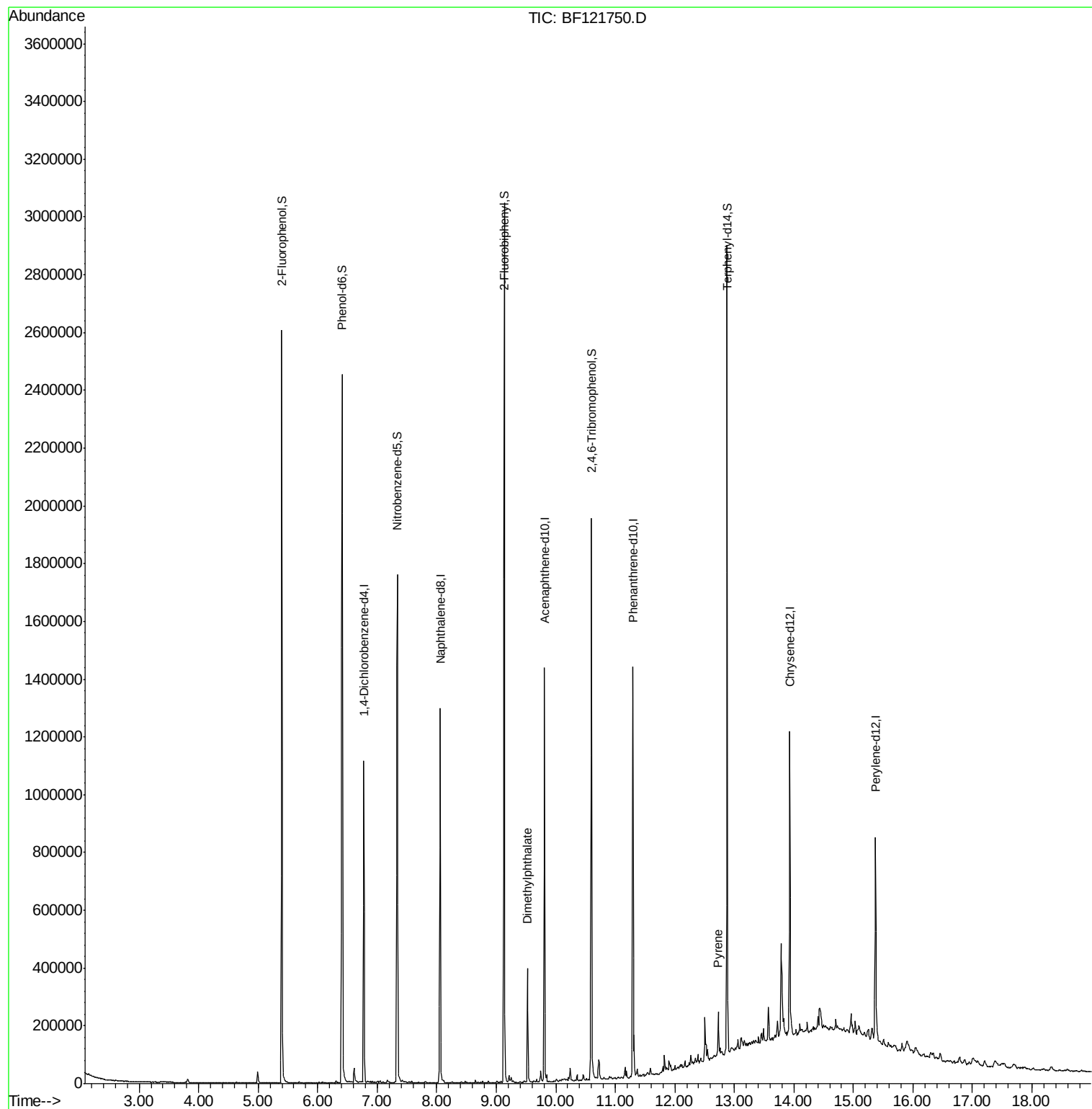
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	148679	20.00	ng	-0.01
21) Naphthalene-d8	8.06	136	586130	20.00	ng	-0.01
39) Acenaphthene-d10	9.81	164	303786	20.00	ng	-0.02
64) Phenanthrene-d10	11.30	188	542197	20.00	ng	-0.01
76) Chrysene-d12	13.93	240	361454	20.00	ng	-0.01
86) Perylene-d12	15.37	264	313149	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	679538	67.92	ng	0.00
7) Phenol-d6	6.41	99	872284	66.46	ng	-0.02
23) Nitrobenzene-d5	7.34	82	593657	54.38	ng	-0.02
42) 2,4,6-Tribromophenol	10.60	330	252223	66.80	ng	-0.02
45) 2-Fluorobiphenyl	9.13	172	974180	48.57	ng	-0.02
79) Terphenyl-d14	12.88	244	840247	47.09	ng	-0.01
Target Compounds						
50) Dimethylphthalate	9.53	163	147007	6.677	ng	99
78) Pyrene	12.73	202	55975	2.120	ng	98

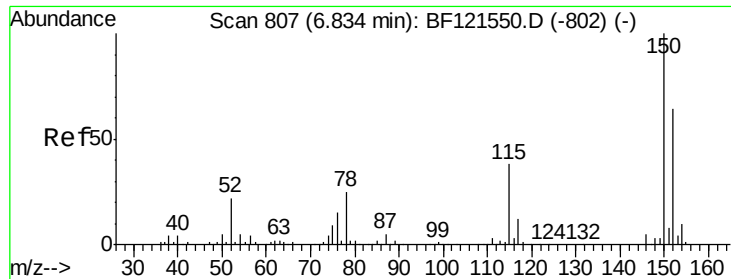
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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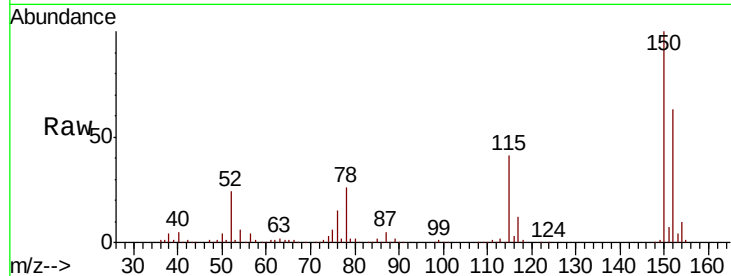


#1

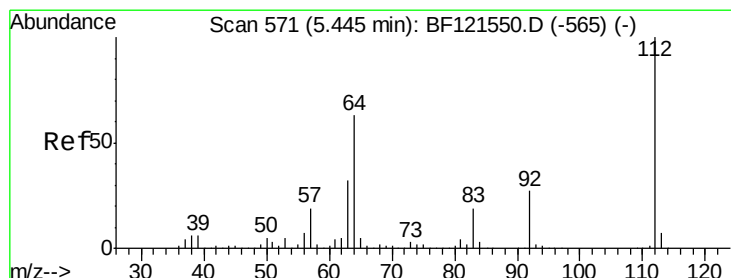
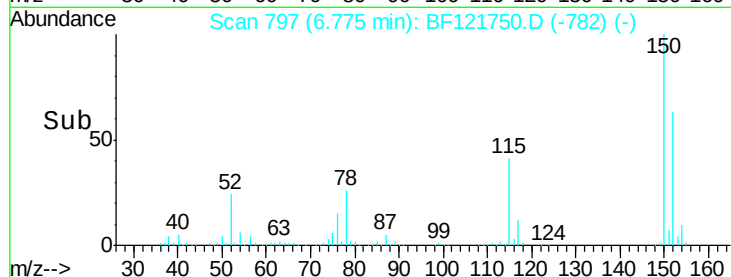
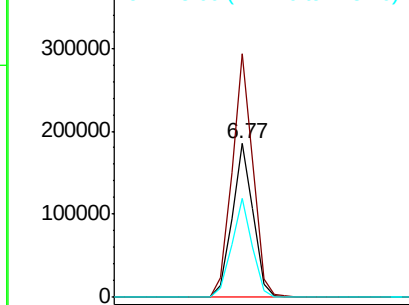
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 797
Delta R.T. -0.01 min
Lab File: BF121750.D
Acq: 30 Sep 2020 21:06

Instrument :
BNA_F
ClientSampleId :
TP-C-2334-C

Tot Ion:152 Resp: 148679
Ion Ratio Lower Upper
152 100
150 158.6 125.8 188.8
115 64.6 49.6 74.4



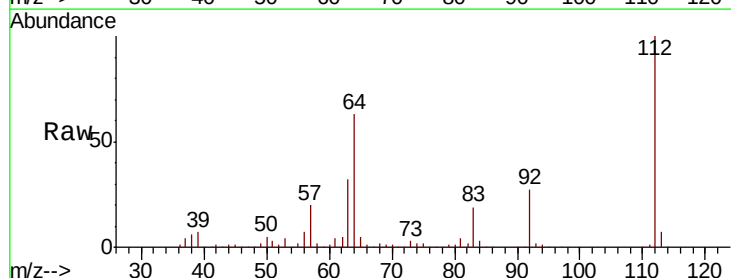
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



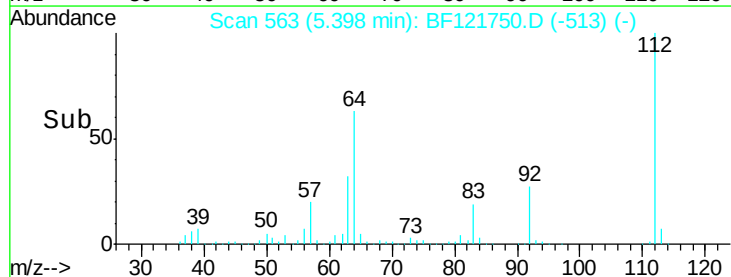
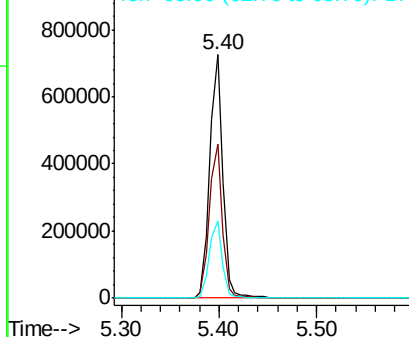
#5

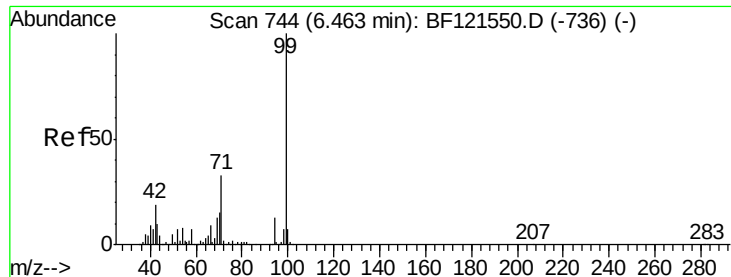
2-Fluorophenol
Concen: 67.923 ng
RT: 5.40 min Scan# 563
Delta R.T. -0.01 min
Lab File: BF121750.D
Acq: 30 Sep 2020 21:06

Tgt Ion:112 Resp: 679538
Ion Ratio Lower Upper
112 100
64 63.1 51.2 76.8
63 31.9 25.9 38.9



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: 66.458 ng

RT: 6.41 min Scan# 735

Delta R.T. -0.02 min

Lab File: BF121750.D

Acq: 30 Sep 2020 21:06

Instrument :

BNA_F

ClientSampleId :

TP-C-2334-C

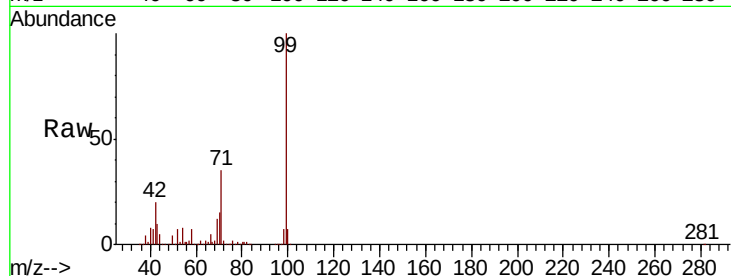
Tot Ion: 99 Resp: 872284

Ion Ratio Lower Upper

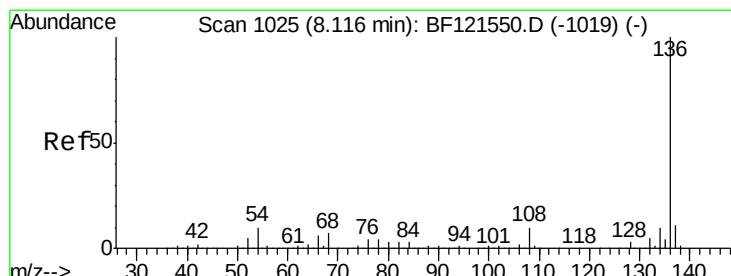
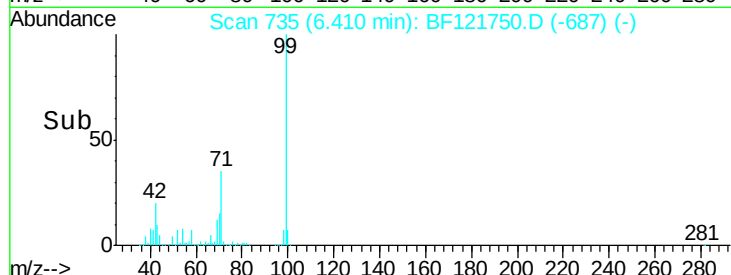
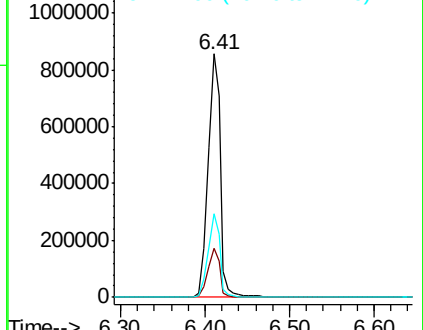
99 100

42 20.3 16.5 24.7

71 34.5 27.8 41.6



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: 8.06 min Scan# 1015

Delta R.T. -0.01 min

Lab File: BF121750.D

Acq: 30 Sep 2020 21:06

Tgt Ion: 136 Resp: 586130

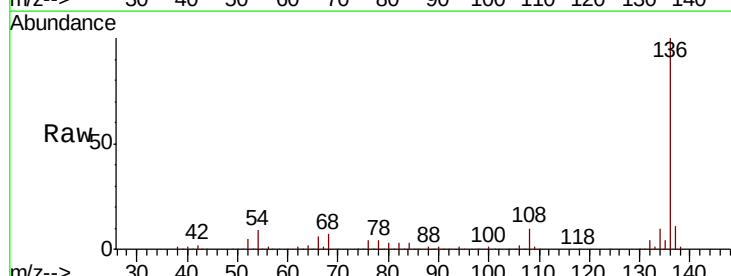
Ion Ratio Lower Upper

136 100

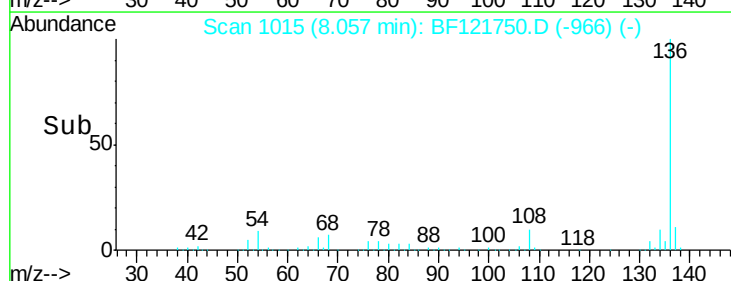
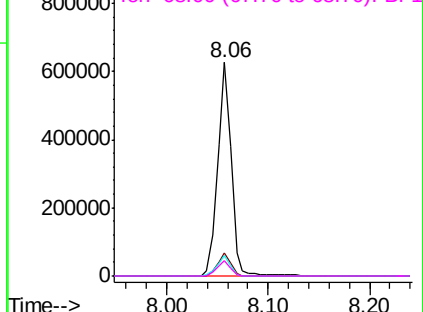
137 11.0 9.1 13.7

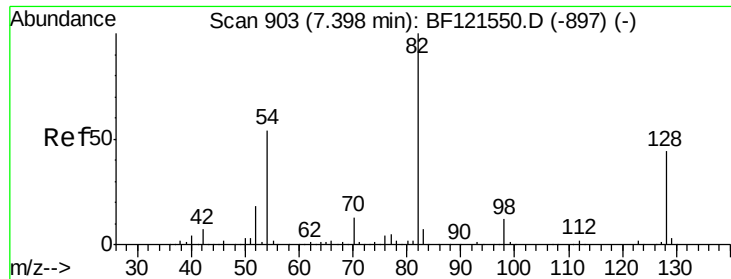
54 9.4 7.8 11.8

68 6.9 5.6 8.4



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

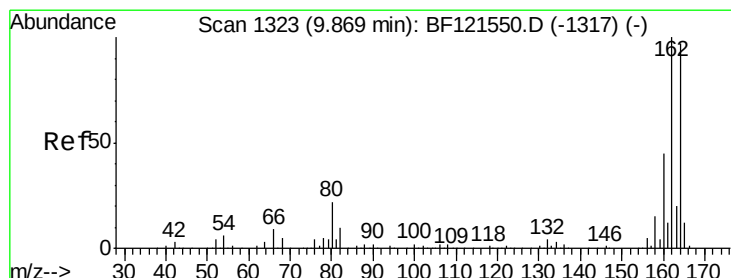
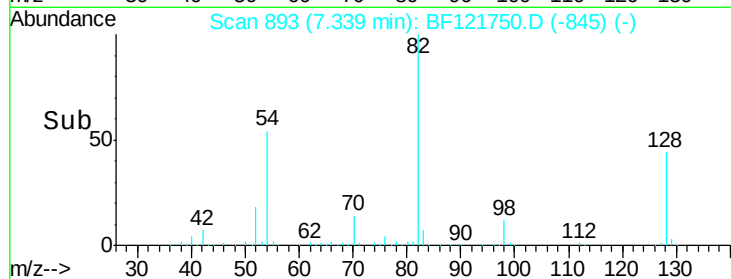
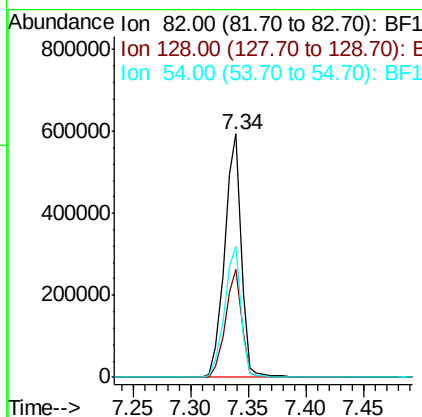
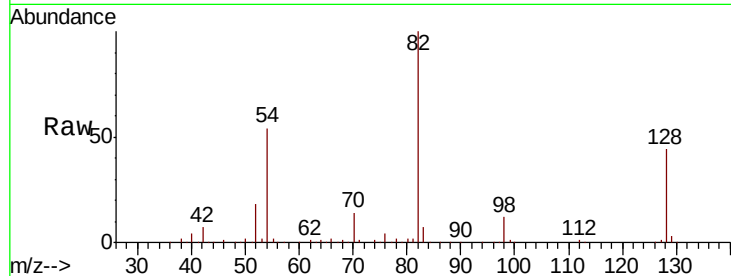




#23
 Nitrobenzene-d5
 Concen: 54.381 ng
 RT: 7.34 min Scan# 893
 Delta R.T. -0.02 min
 Lab File: BF121750.D
 Acq: 30 Sep 2020 21:06

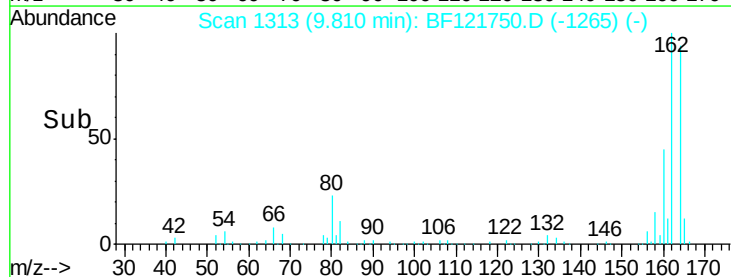
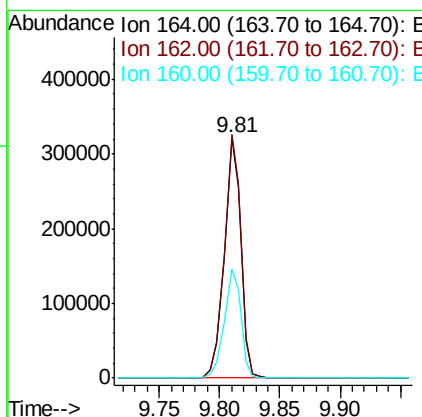
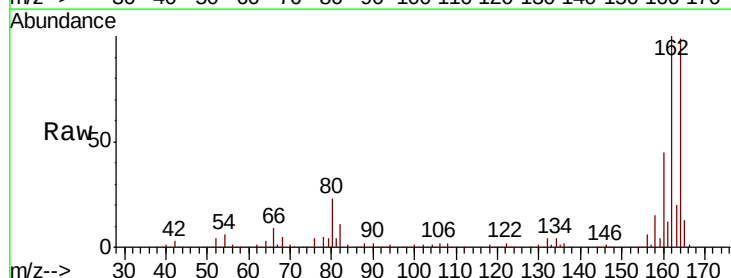
Instrument :
 BNA_F
 ClientSampleId :
 TP-C-2334-C

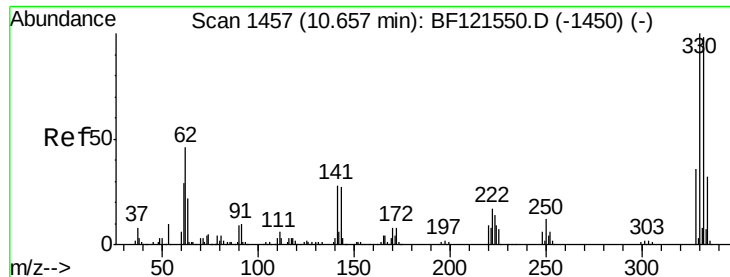
Tot Ion	82	Resp	593657
Ion Ratio	Lower	Upper	
82	100		
128	44.3	35.0	52.4
54	53.9	42.5	63.7



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.81 min Scan# 1313
 Delta R.T. -0.02 min
 Lab File: BF121750.D
 Acq: 30 Sep 2020 21:06

Tgt Ion	164	Resp	303786
Ion Ratio	Lower	Upper	
164	100		
162	101.5	80.6	121.0
160	45.6	36.9	55.3

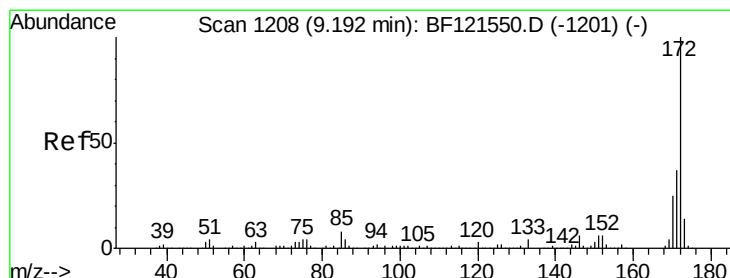
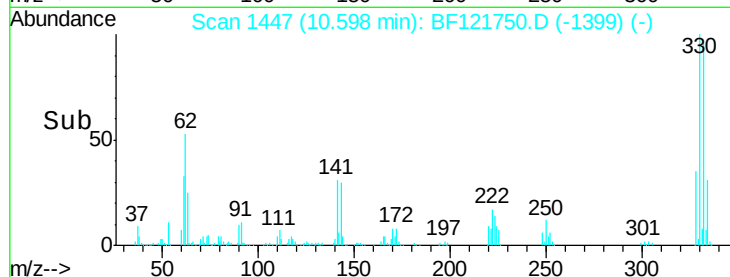
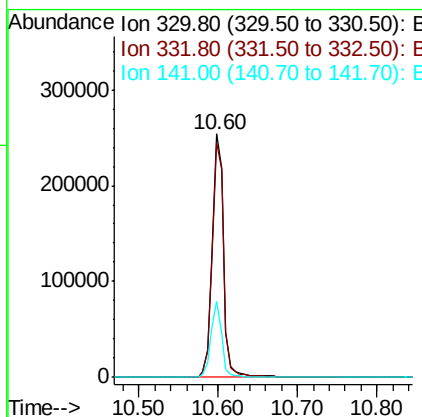
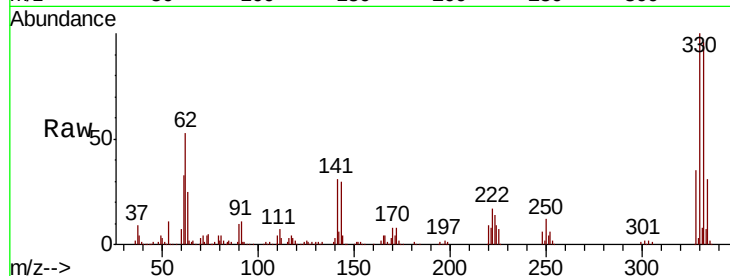




#42
 2,4,6-Tribromophenol
 Concen: 66.803 ng
 RT: 10.60 min Scan# 1447
 Delta R.T. -0.02 min
 Lab File: BF121750.D
 Acq: 30 Sep 2020 21:06

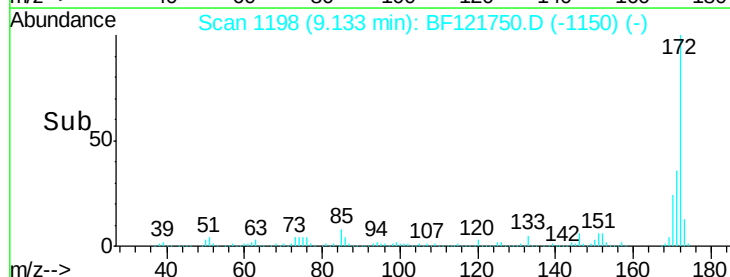
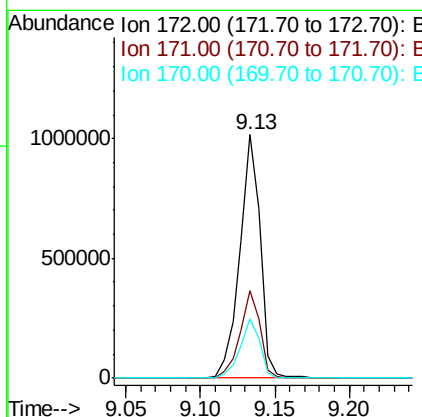
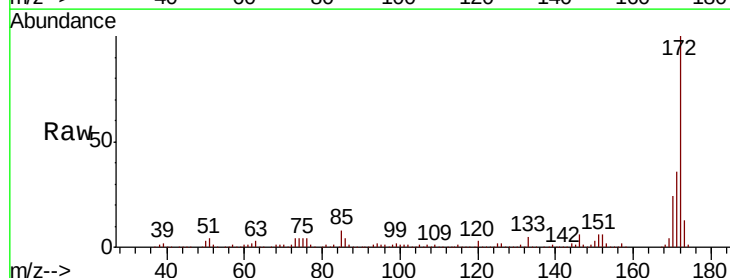
Instrument :
 BNA_F
 ClientSampleId :
 TP-C-2334-C

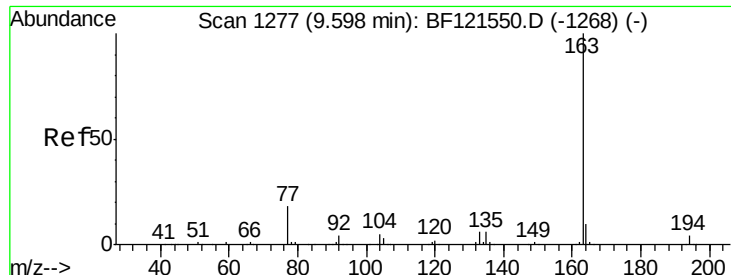
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.6	116.4
141	29.8	22.9	34.3



#45
 2-Fluorobiphenyl
 Concen: 48.568 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.02 min
 Lab File: BF121750.D
 Acq: 30 Sep 2020 21:06

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.2	43.8
170	24.1	19.7	29.5

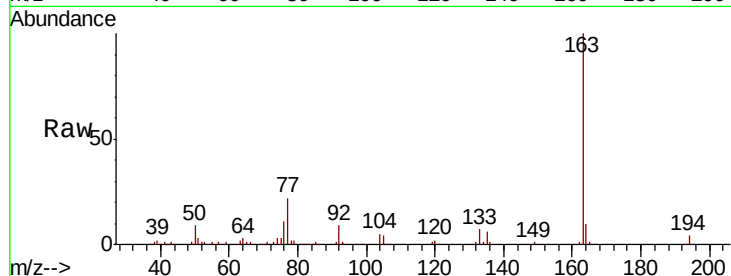




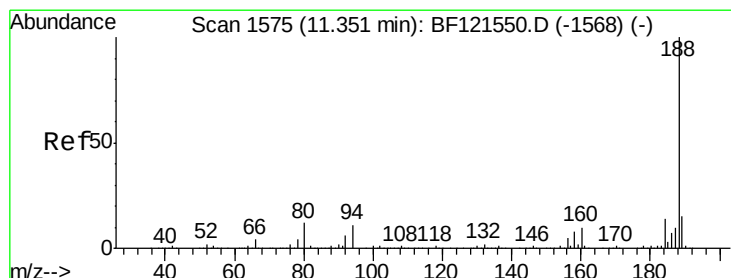
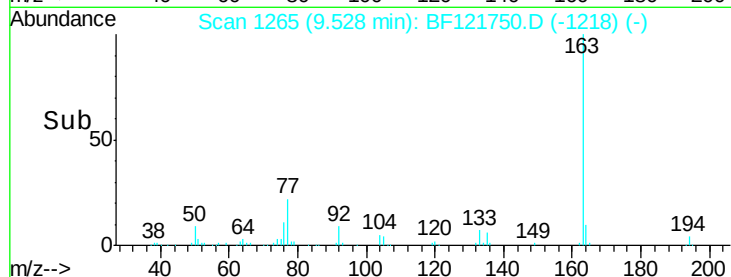
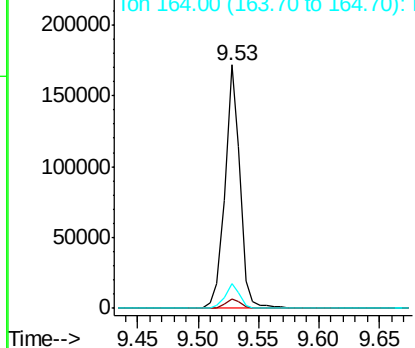
#50
Dimethylphthalate
Concen: 6.677 ng
RT: 9.53 min Scan# 1265
Delta R.T. -0.02 min
Lab File: BF121750.D
Acq: 30 Sep 2020 21:06

Instrument :
BNA_F
ClientSampleId :
TP-C-2334-C

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.1	4.7
164	10.1	8.5	12.7

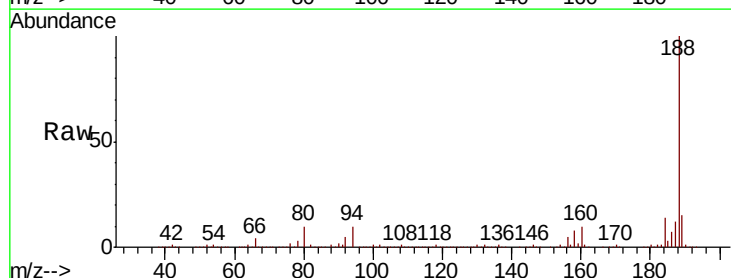


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

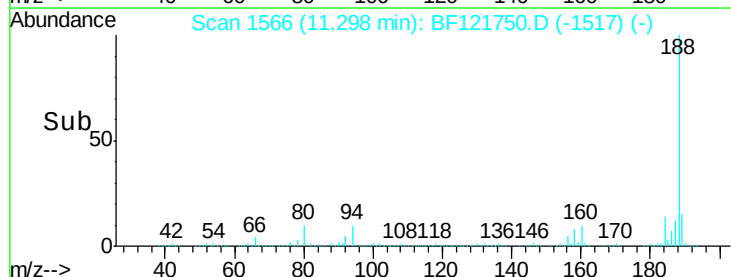
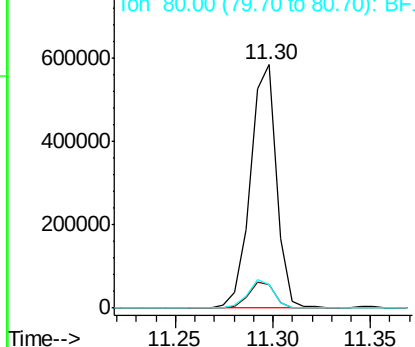


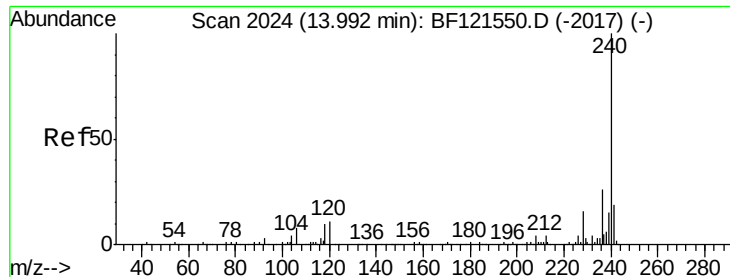
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1566
Delta R.T. -0.01 min
Lab File: BF121750.D
Acq: 30 Sep 2020 21:06

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.6	8.2	12.2
80	9.7	8.9	13.3



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: 13.93 min Scan# 2014

Delta R.T. -0.01 min

Lab File: BF121750.D

Acq: 30 Sep 2020 21:06

Instrument :

BNA_F

ClientSampleId :

TP-C-2334-C

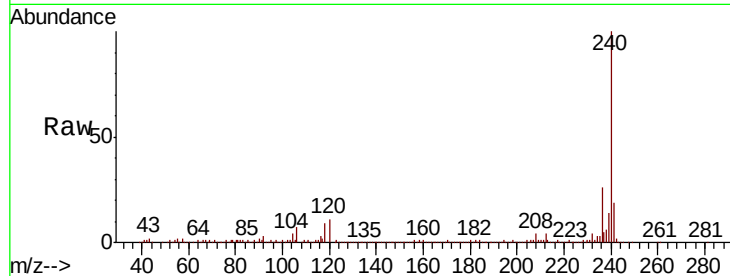
Tot Ion:240 Resp: 361454

Ion Ratio Lower Upper

240 100

120 11.3 10.2 15.4

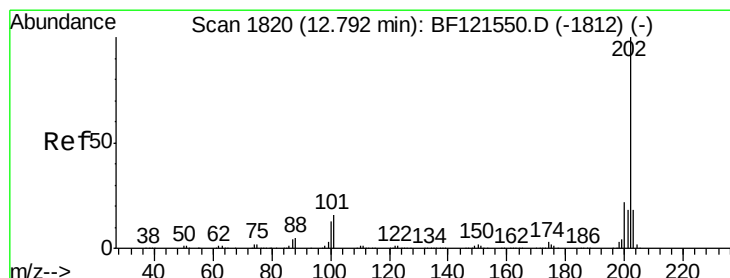
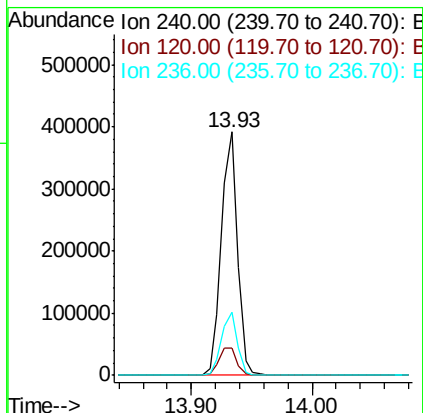
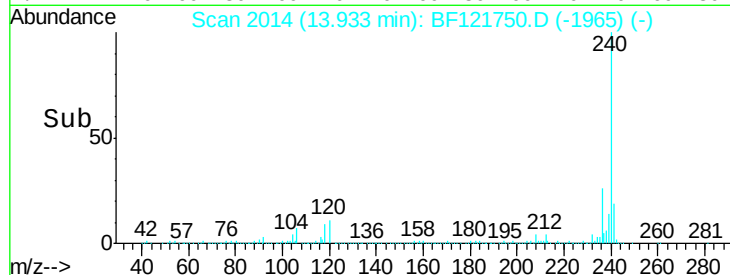
236 25.8 20.4 30.6



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



#78

Pyrene

Concen: 2.120 ng

RT: 12.73 min Scan# 1810

Delta R.T. -0.02 min

Lab File: BF121750.D

Acq: 30 Sep 2020 21:06

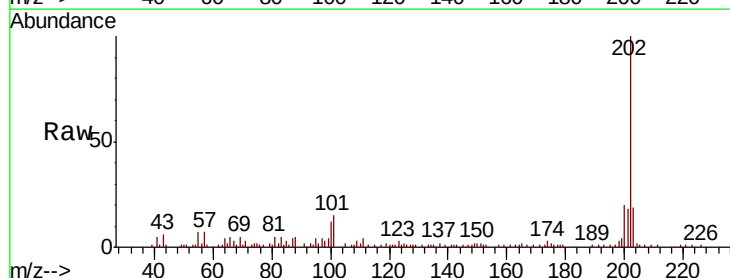
Tgt Ion:202 Resp: 55975

Ion Ratio Lower Upper

202 100

200 20.5 17.4 26.2

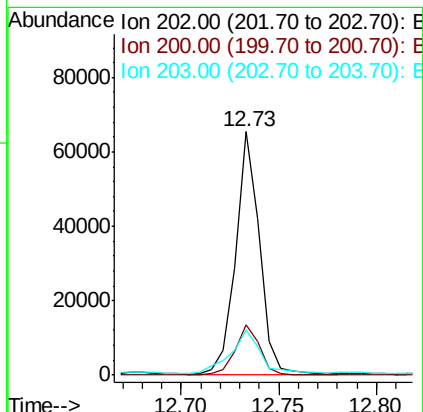
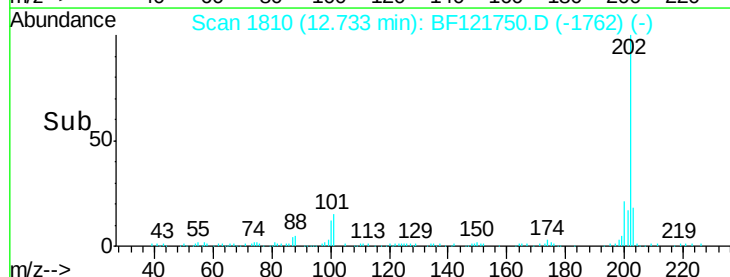
203 18.7 14.5 21.7

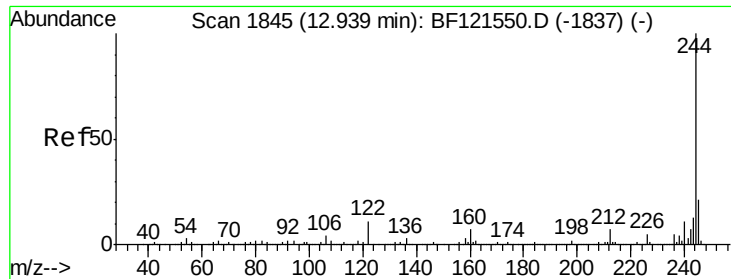


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 47.095 ng

RT: 12.88 min Scan# 1835

Delta R.T. -0.01 min

Lab File: BF121750.D

Acq: 30 Sep 2020 21:06

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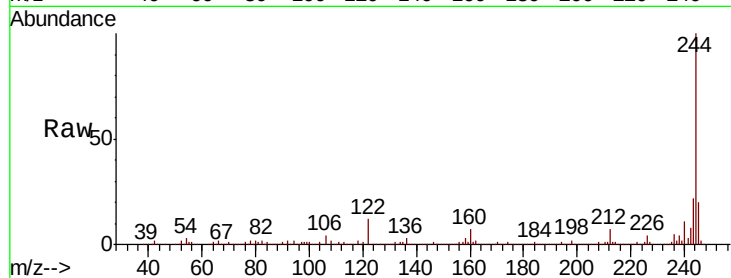
Tot Ion:244 Resp: 840247

Ion Ratio Lower Upper

244 100

212 7.1 5.7 8.5

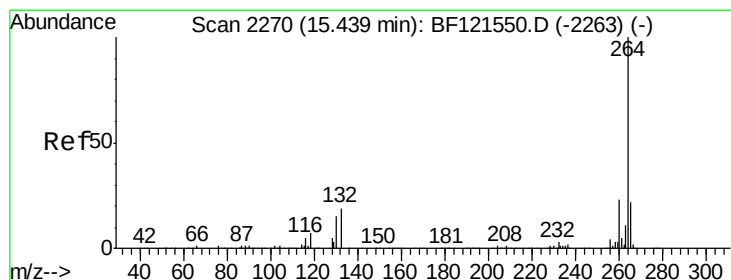
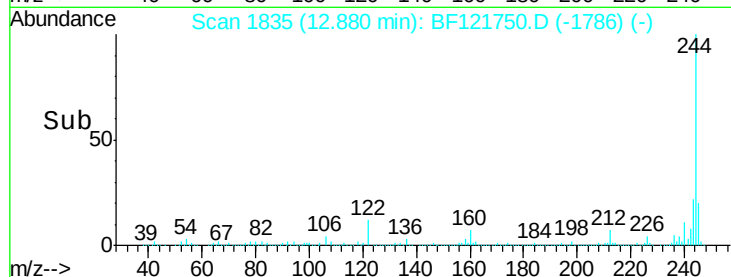
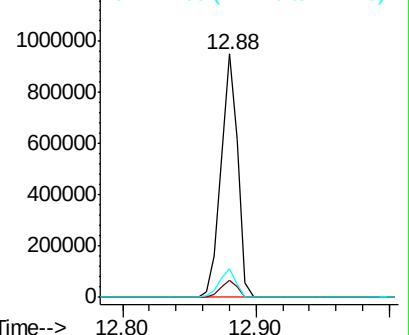
122 11.7 9.0 13.4



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.37 min Scan# 2259

Delta R.T. -0.01 min

Lab File: BF121750.D

Acq: 30 Sep 2020 21:06

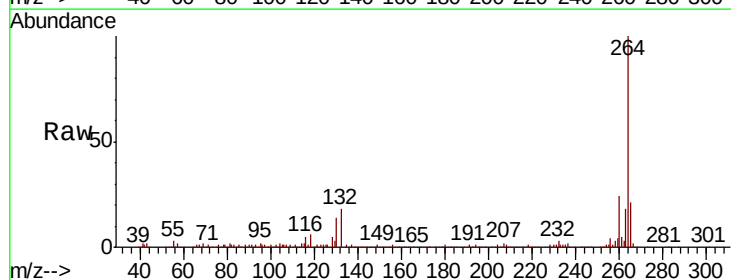
Tgt Ion:264 Resp: 313149

Ion Ratio Lower Upper

264 100

260 23.7 19.0 28.6

265 20.6 17.3 25.9



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

