

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091620\
 Data File : BF121592.D
 Acq On : 16 Sep 2020 12:30
 Operator : JU/CG
 Sample : L4009-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HAYES-SEYMOUR-01

Quant Time: Sep 16 13:04:07 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 10 16:47:54 2020
 Response via : Initial Calibration

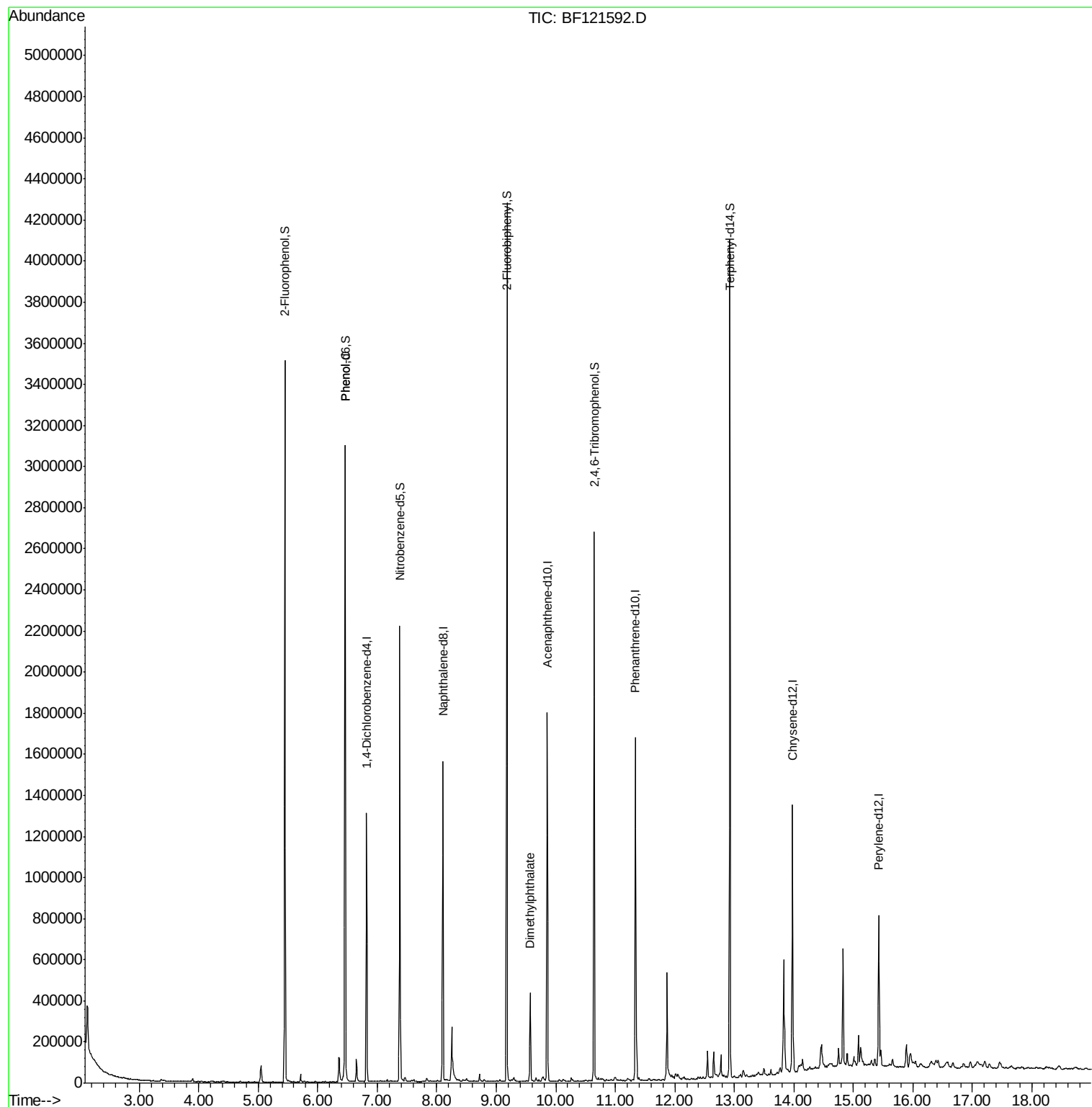
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	174182	20.00	ng	-0.01
21) Naphthalene-d8	8.10	136	673079	20.00	ng	-0.01
39) Acenaphthene-d10	9.86	164	340271	20.00	ng	-0.01
64) Phenanthrene-d10	11.34	188	604079	20.00	ng	-0.01
76) Chrysene-d12	13.97	240	401507	20.00	ng	-0.02
86) Perylene-d12	15.43	264	308940	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	922620	78.72	ng	0.00
7) Phenol-d6	6.46	99	1187556	77.23	ng	0.00
23) Nitrobenzene-d5	7.38	82	808977	64.53	ng	-0.02
42) 2,4,6-Tribromophenol	10.64	330	324455	76.72	ng	-0.01
45) 2-Fluorobiphenyl	9.18	172	1359575	60.51	ng	-0.01
79) Terphenyl-d14	12.93	244	1239354	62.53	ng	-0.01
Target Compounds						
10) Phenol	6.47	94	65515	4.001	ng	91
50) Dimethylphthalate	9.57	163	165252	6.701	ng	99

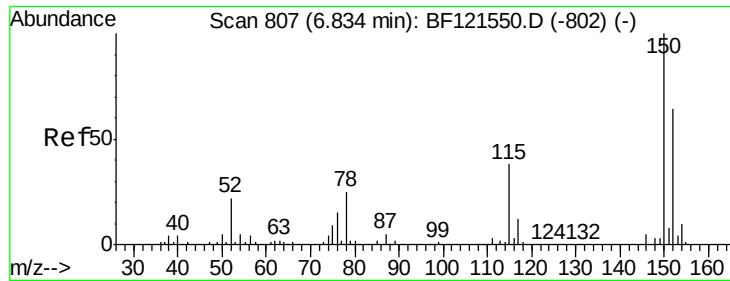
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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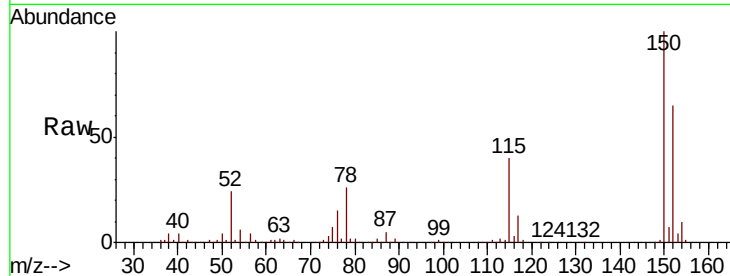


#1

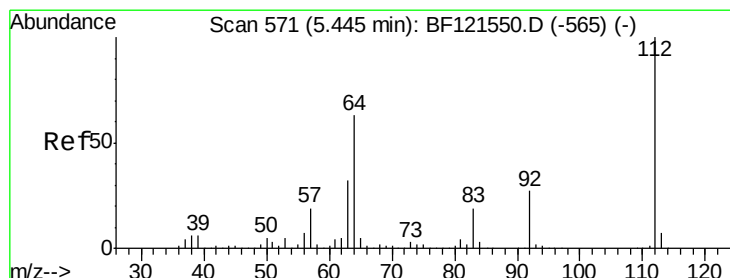
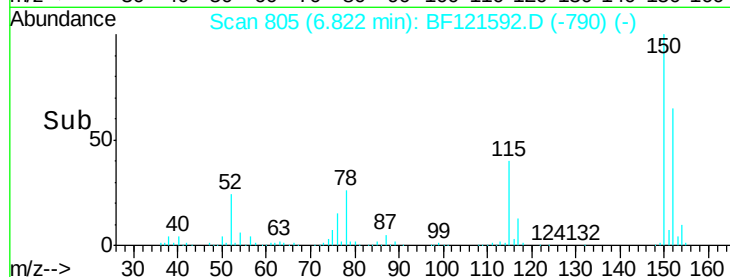
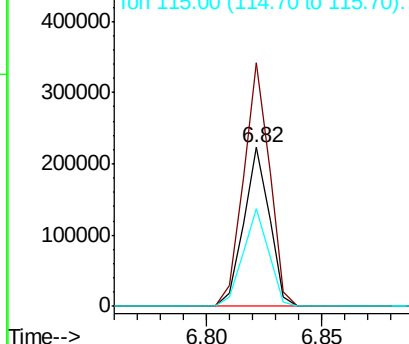
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. -0.01 min
Lab File: BF121592.D
Acq: 16 Sep 2020 12:30

Instrument :
BNA_F
ClientSampleId :
HAYES-SEYMOUR-01

Tot Ion:152 Resp: 174182
Ion Ratio Lower Upper
152 100
150 153.3 125.8 188.6
115 61.3 47.8 71.8



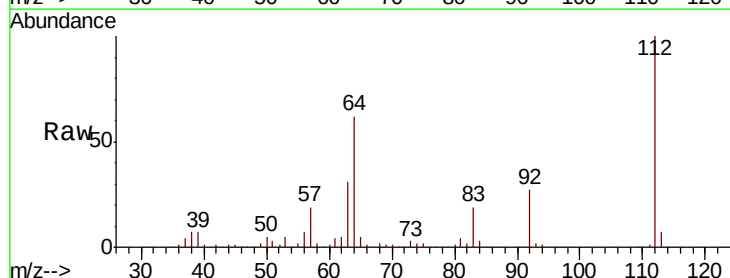
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



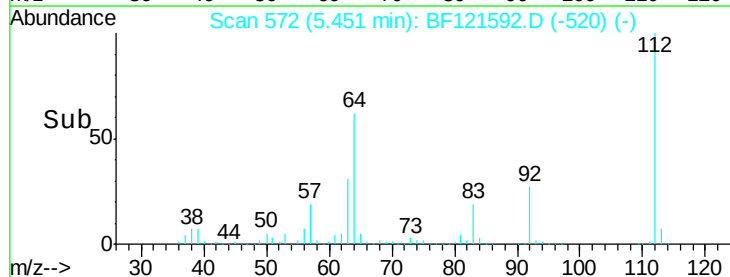
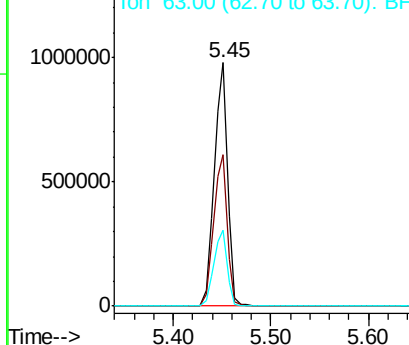
#5

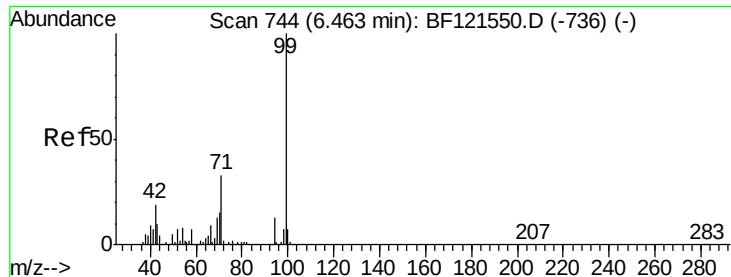
2-Fluorophenol
Concen: 78.718 ng
RT: 5.45 min Scan# 572
Delta R.T. 0.01 min
Lab File: BF121592.D
Acq: 16 Sep 2020 12:30

Tgt Ion:112 Resp: 922620
Ion Ratio Lower Upper
112 100
64 62.5 50.3 75.5
63 31.3 25.6 38.4



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: 77.231 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.00 min

Lab File: BF121592.D

Acq: 16 Sep 2020 12:30

Instrument :

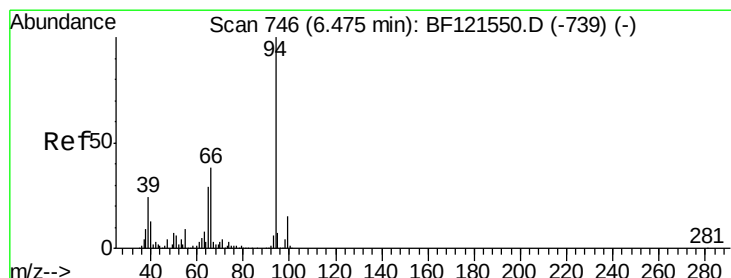
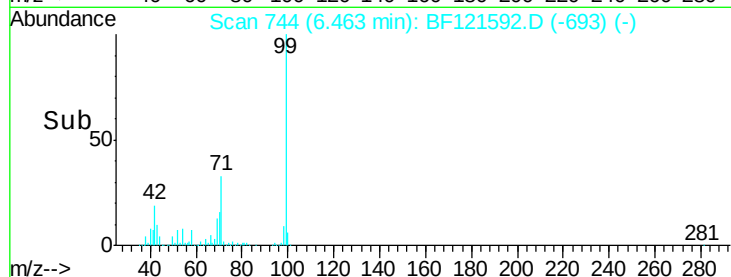
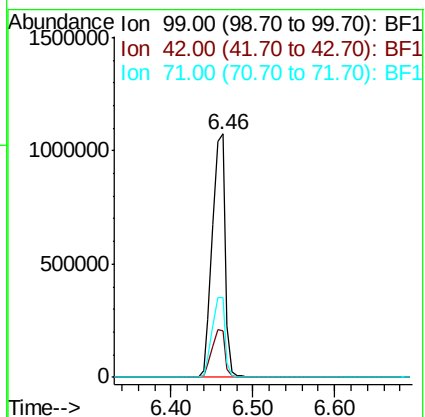
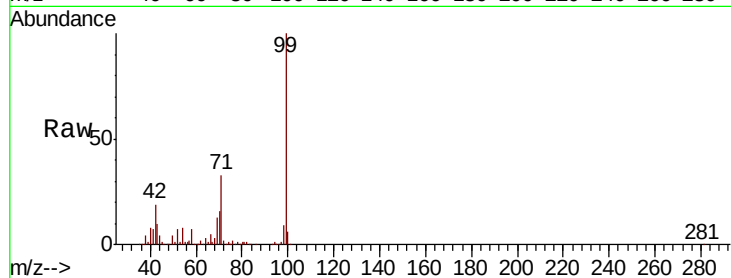
BNA_F

ClientSampleId :

HAYES-SEYMOUR-01

Tot Ion: 99 Resp: 1187556

Ion	Ratio	Lower	Upper
99	100		
42	19.0	15.5	23.3
71	33.0	26.1	39.1



#10

Phenol

Concen: 4.001 ng

RT: 6.47 min Scan# 745

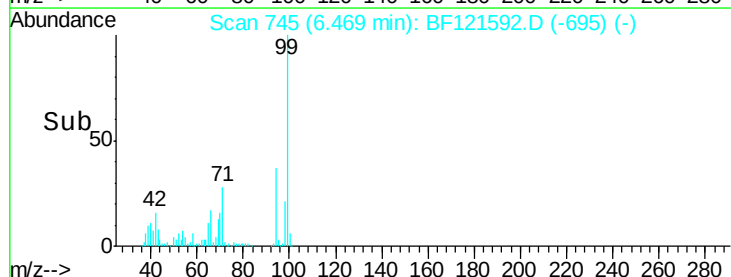
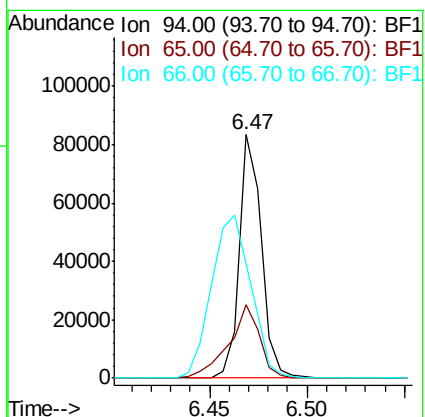
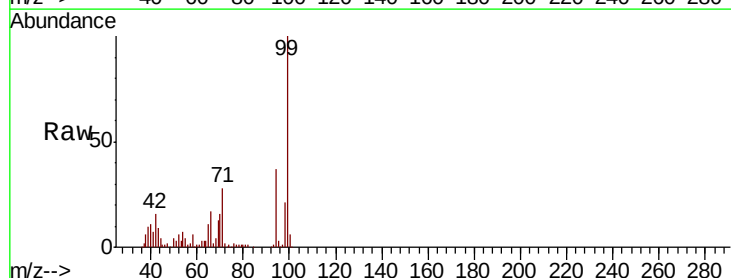
Delta R.T. -0.01 min

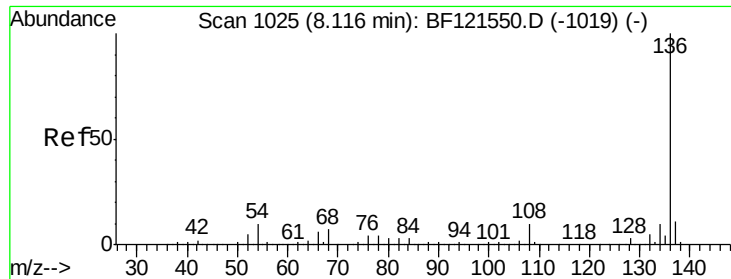
Lab File: BF121592.D

Acq: 16 Sep 2020 12:30

Tgt Ion: 94 Resp: 65515

Ion	Ratio	Lower	Upper
94	100		
65	30.3	9.4	49.4
66	47.1	18.3	58.3

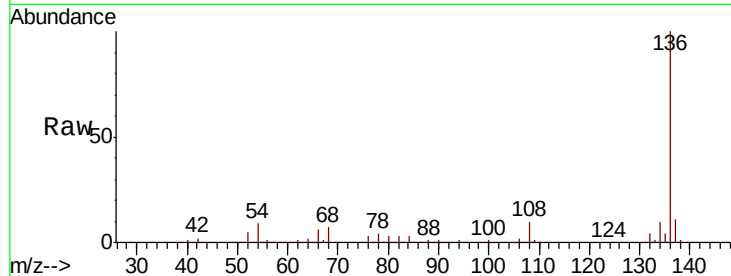




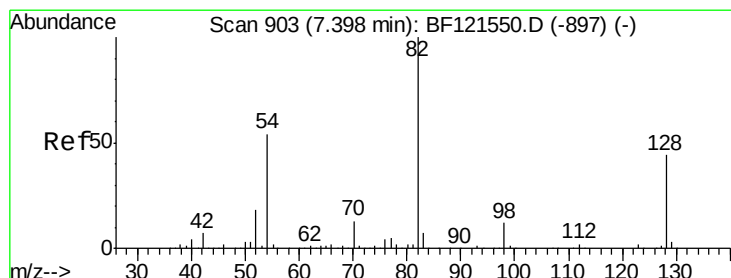
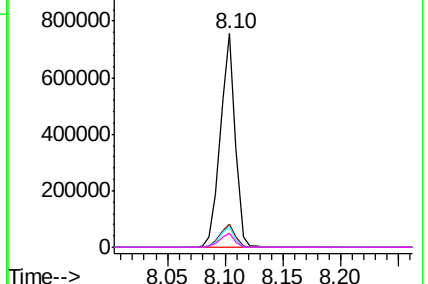
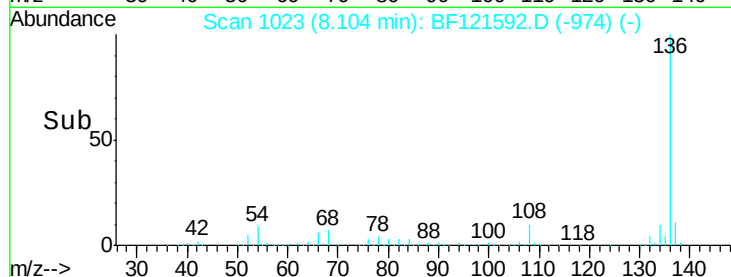
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BF121592.D
Acq: 16 Sep 2020 12:30

Instrument :
BNA_F
ClientSampleId :
HAYES-SEYMOUR-01

Tot Ion:136	Resp:	673079
Ion	Ratio	Lower Upper
136	100	
137	10.9	9.0 13.6
54	9.3	7.6 11.4
68	6.8	5.7 8.5

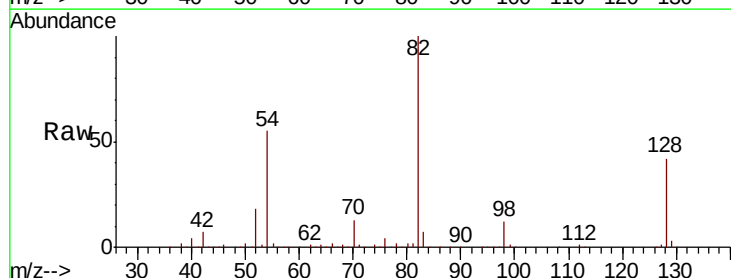


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

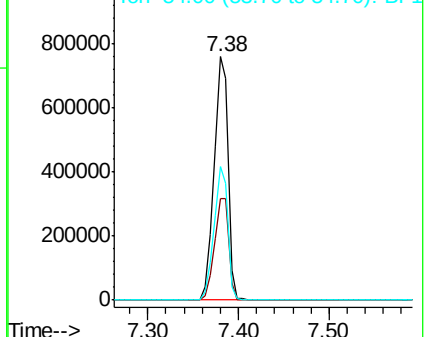
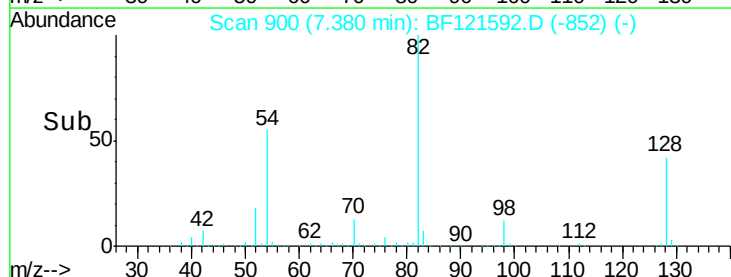


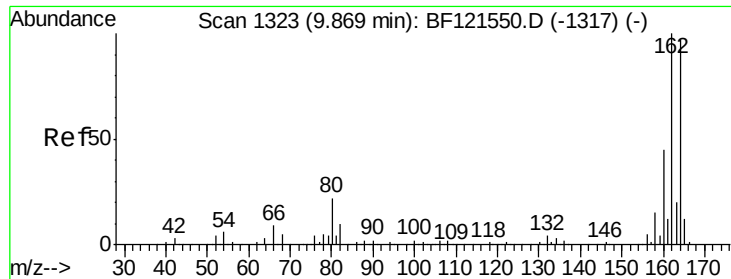
#23
Nitrobenzene-d5
Concen: 64.532 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.02 min
Lab File: BF121592.D
Acq: 16 Sep 2020 12:30

Tgt Ion: 82	Resp:	808977
Ion	Ratio	Lower Upper
82	100	
128	41.7	35.1 52.7
54	54.6	43.0 64.6



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: 9.86 min Scan# 1321

Delta R.T. -0.01 min

Lab File: BF121592.D

Acq: 16 Sep 2020 12:30

Instrument :

BNA_F

ClientSampleId :

HAYES-SEYMOUR-01

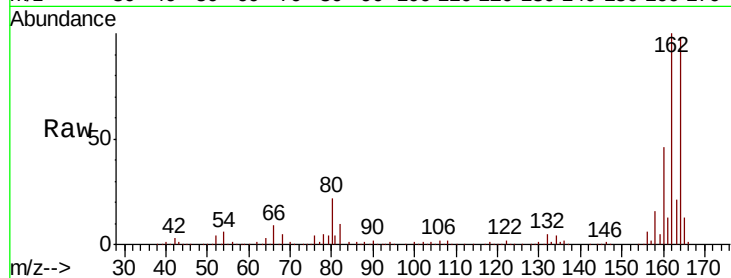
Tot Ion:164 Resp: 340271

Ion Ratio Lower Upper

164 100

162 101.7 82.3 123.5

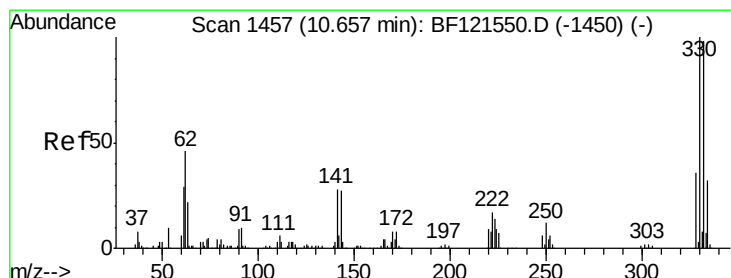
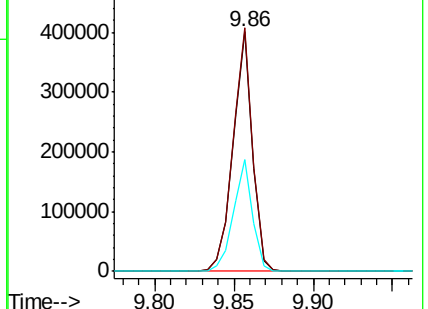
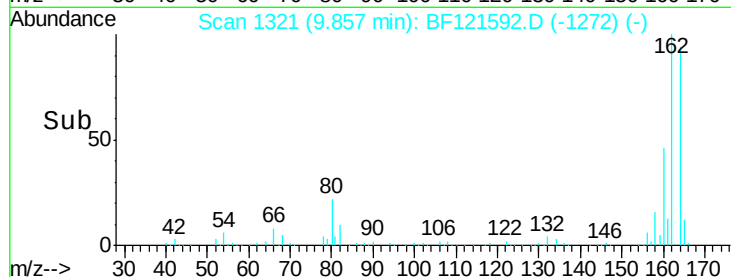
160 46.9 37.0 55.4



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: 76.719 ng

RT: 10.64 min Scan# 1455

Delta R.T. -0.01 min

Lab File: BF121592.D

Acq: 16 Sep 2020 12:30

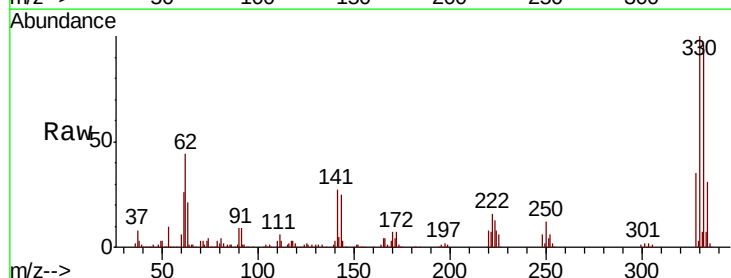
Tgt Ion:330 Resp: 324455

Ion Ratio Lower Upper

330 100

332 96.3 77.1 115.7

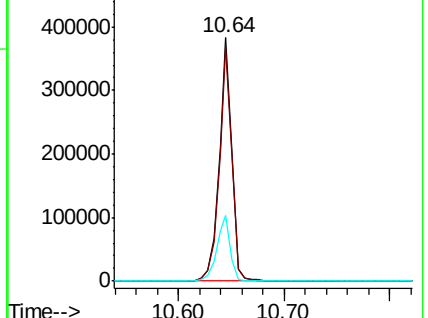
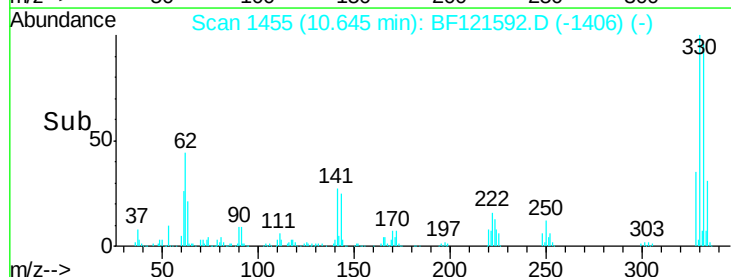
141 28.7 23.6 35.4

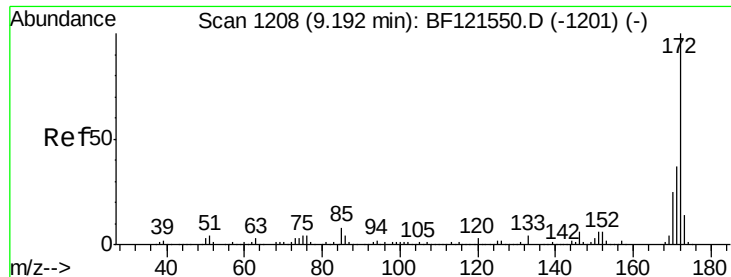


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

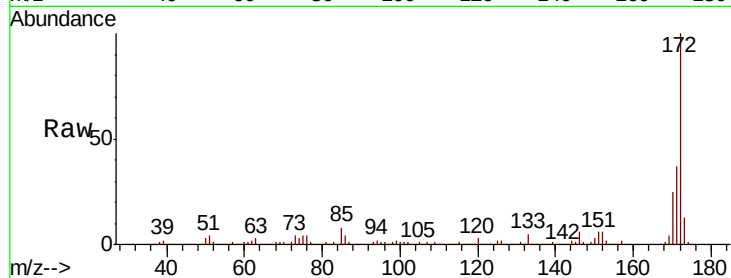




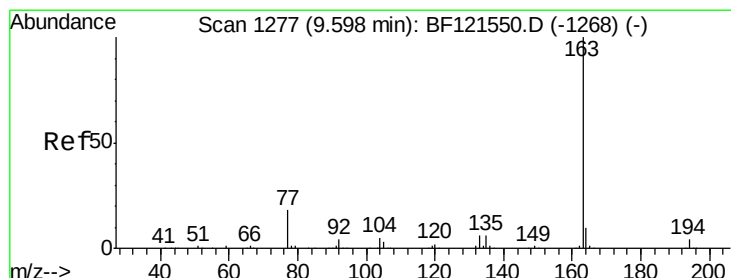
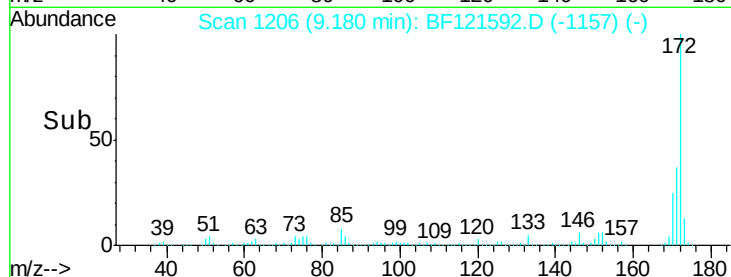
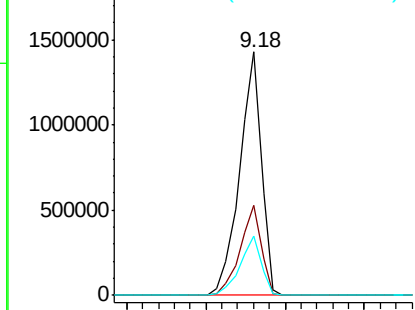
#45
2-Fluorobiphenyl
Concen: 60.514 ng
RT: 9.18 min Scan# 1206
Delta R.T. -0.01 min
Lab File: BF121592.D
Acq: 16 Sep 2020 12:30

Instrument :
BNA_F
ClientSampleId :
HAYES-SEYMOUR-01

Tot Ion:172 Resp: 1359575
Ion Ratio Lower Upper
172 100
171 36.8 29.8 44.6
170 24.5 19.8 29.8

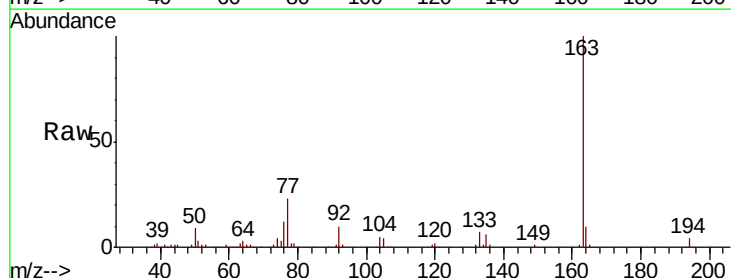


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

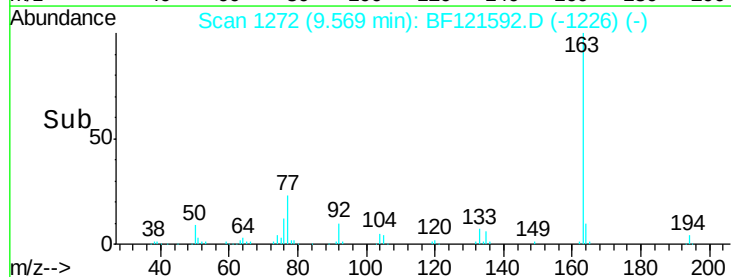
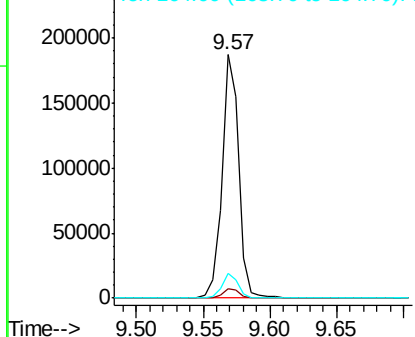


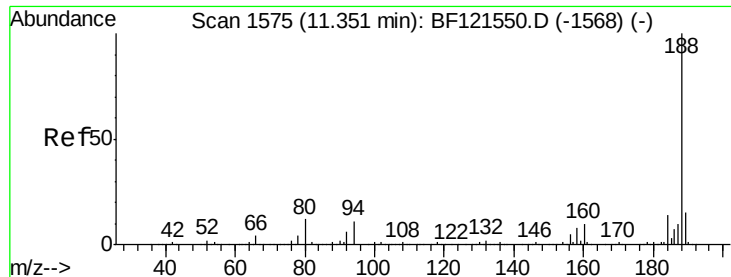
#50
Dimethylphthalate
Concen: 6.701 ng
RT: 9.57 min Scan# 1272
Delta R.T. -0.03 min
Lab File: BF121592.D
Acq: 16 Sep 2020 12:30

Tgt Ion:163 Resp: 165252
Ion Ratio Lower Upper
163 100
194 3.7 3.4 5.0
164 10.0 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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.34 min Scan# 1573

Delta R.T. -0.01 min

Lab File: BF121592.D

Acq: 16 Sep 2020 12:30

Instrument :

BNA_F

ClientSampleId :

HAYES-SEYMOUR-01

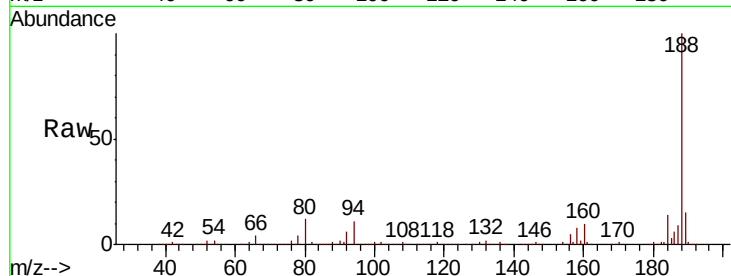
Tot Ion:188 Resp: 604079

Ion Ratio Lower Upper

188 100

94 11.2 8.7 13.1

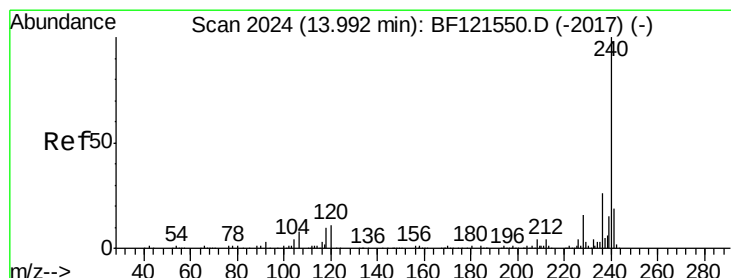
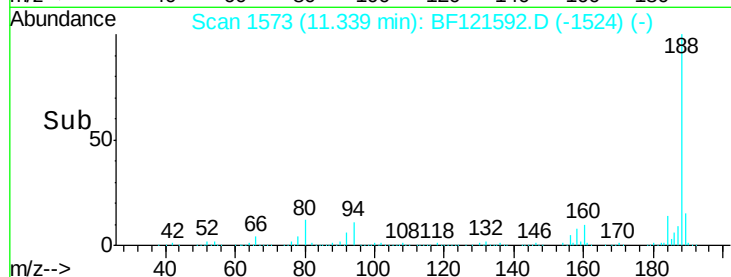
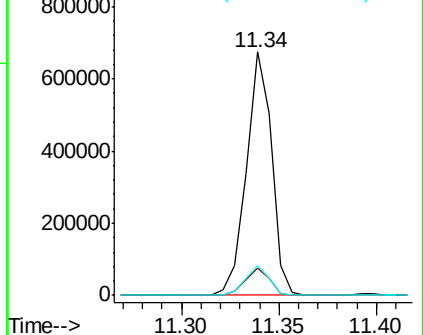
80 12.1 9.3 13.9



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: 13.97 min Scan# 2021

Delta R.T. -0.02 min

Lab File: BF121592.D

Acq: 16 Sep 2020 12:30

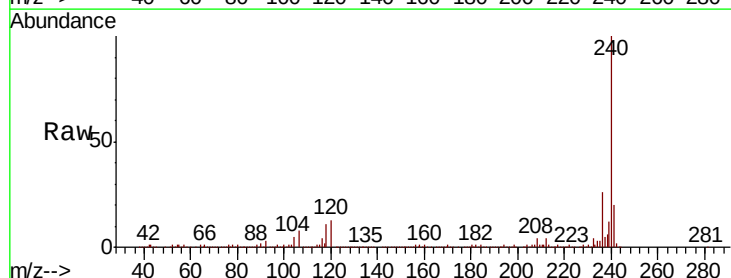
Tgt Ion:240 Resp: 401507

Ion Ratio Lower Upper

240 100

120 12.6 9.2 13.8

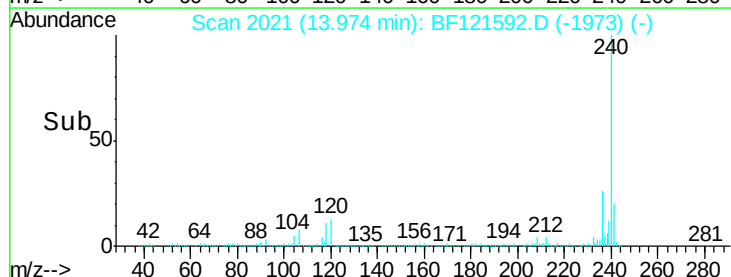
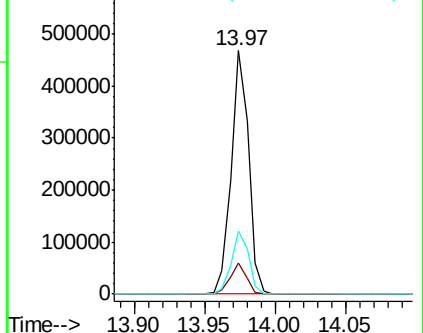
236 26.0 20.5 30.7

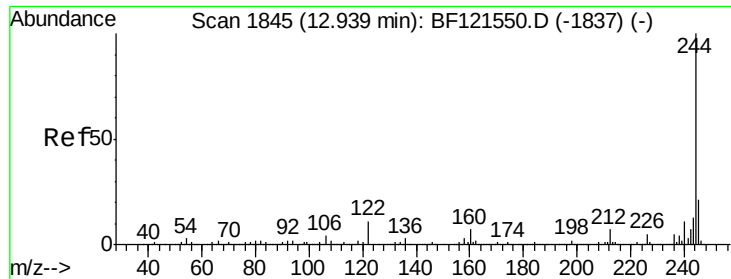


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 62.535 ng

RT: 12.93 min Scan# 1843

Delta R.T. -0.01 min

Lab File: BF121592.D

Acq: 16 Sep 2020 12:30

Instrument :

BNA_F

ClientSampleId :

HAYES-SEYMOUR-01

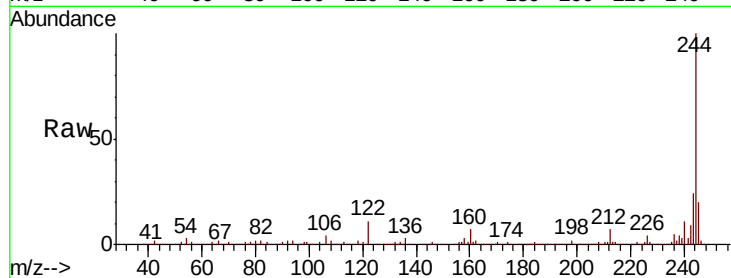
Tot Ion:244 Resp: 1239354

Ion Ratio Lower Upper

244 100

212 7.0 5.7 8.5

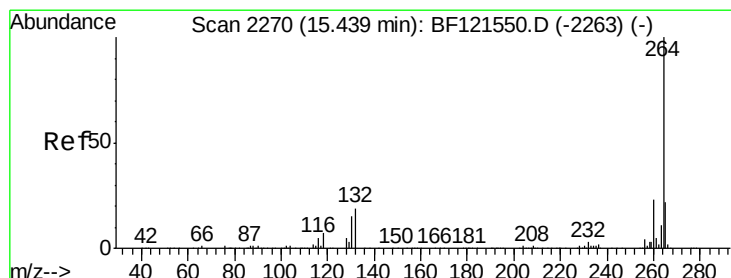
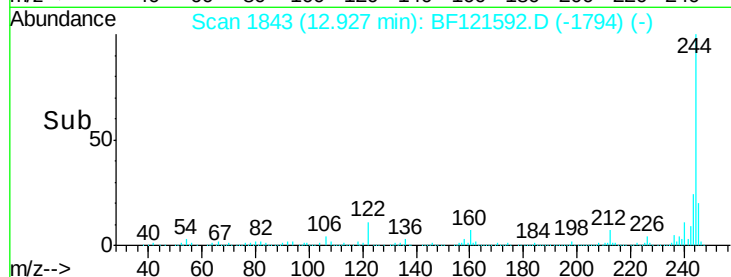
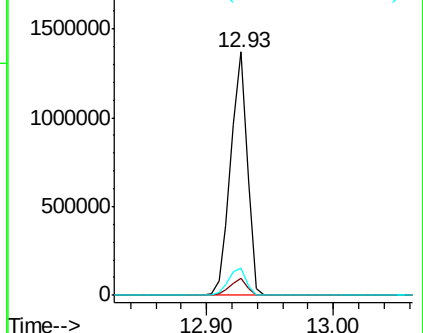
122 11.3 8.7 13.1



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: 15.43 min Scan# 2268

Delta R.T. -0.01 min

Lab File: BF121592.D

Acq: 16 Sep 2020 12:30

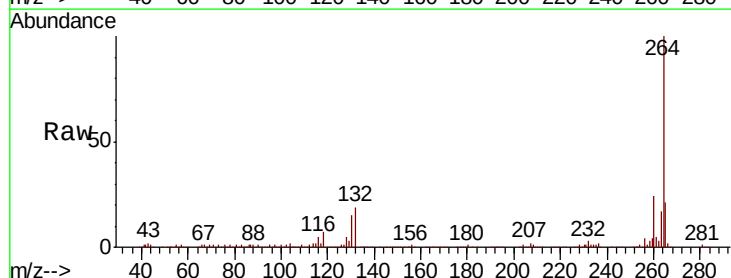
Tgt Ion:264 Resp: 308940

Ion Ratio Lower Upper

264 100

260 23.7 18.8 28.2

265 21.5 17.8 26.6



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

