

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121719\
 Data File : BF118228.D
 Acq On : 17 Dec 2019 16:05
 Operator : JU
 Sample : K6294-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-2

Quant Time: Dec 18 05:39:00 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 06 17:34:43 2019
 Response via : Initial Calibration

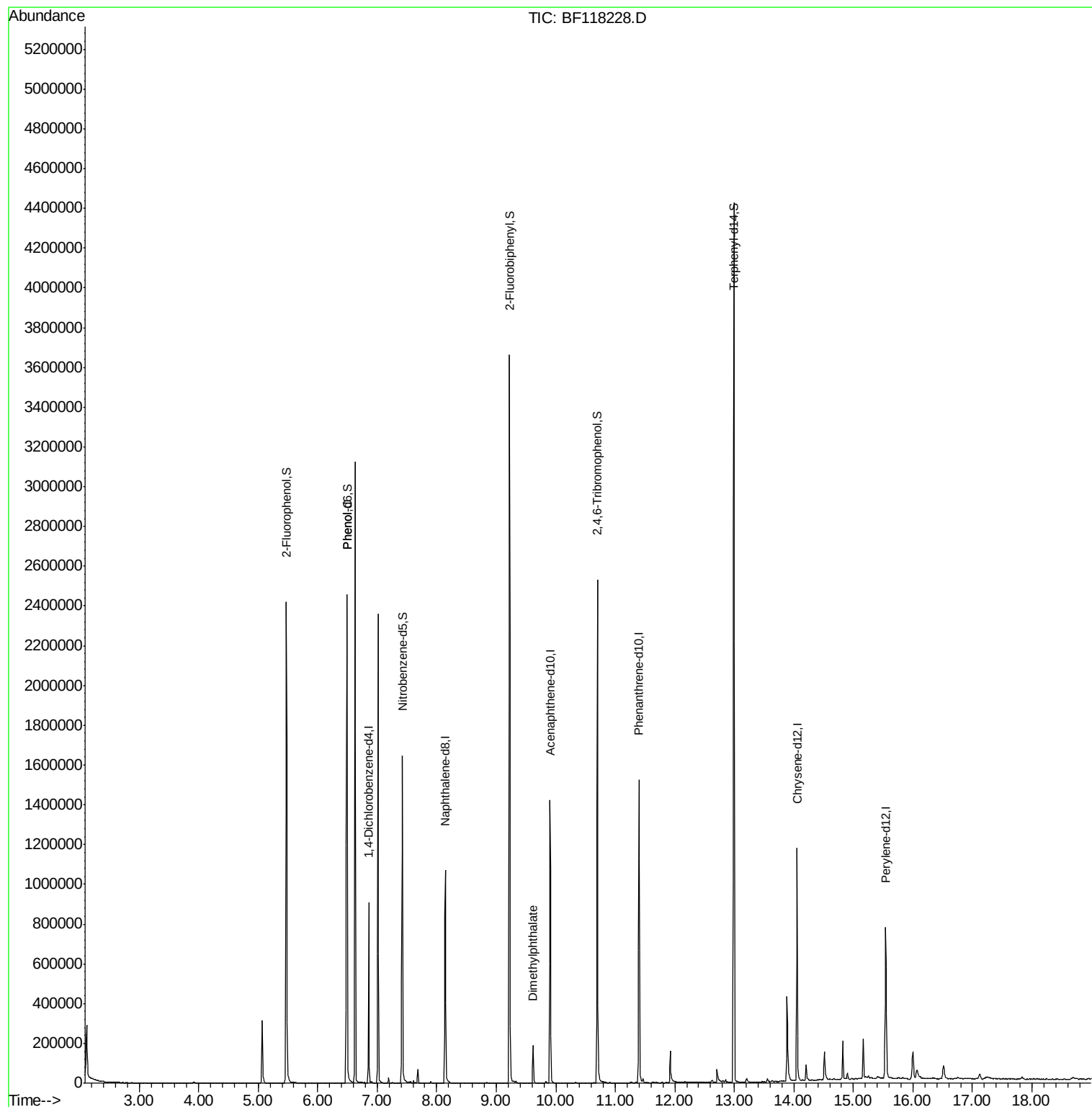
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	127423	20.00	ng	-0.01
21) Naphthalene-d8	8.15	136	520805	20.00	ng	-0.01
39) Acenaphthene-d10	9.90	164	288931	20.00	ng	-0.02
64) Phenanthrene-d10	11.40	188	578028	20.00	ng	-0.01
76) Chrysene-d12	14.05	240	385176	20.00	ng	-0.02
87) Perylene-d12	15.54	264	327249	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	694888	95.51	ng	0.00
7) Phenol-d6	6.49	99	896294	101.86	ng	0.00
23) Nitrobenzene-d5	7.42	82	535771	57.87	ng	-0.02
42) 2,4,6-Tribromophenol	10.70	330	338416	96.42	ng	-0.01
45) 2-Fluorobiphenyl	9.22	172	1112439	58.59	ng	-0.02
79) Terphenyl-d14	12.99	244	1439422	64.26	ng	-0.01
Target Compounds						
10) Phenol	6.50	94	20884	2.081	ng	Qvalue # 63
50) Dimethylphthalate	9.62	163	87193	4.086	ng	97

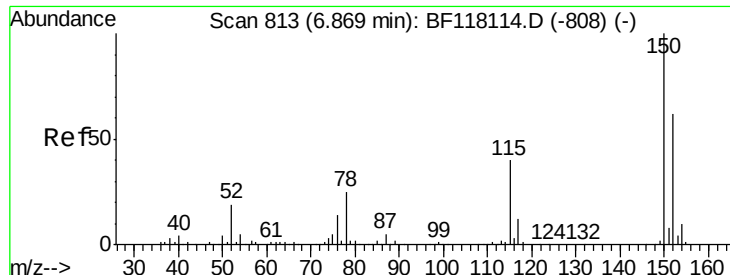
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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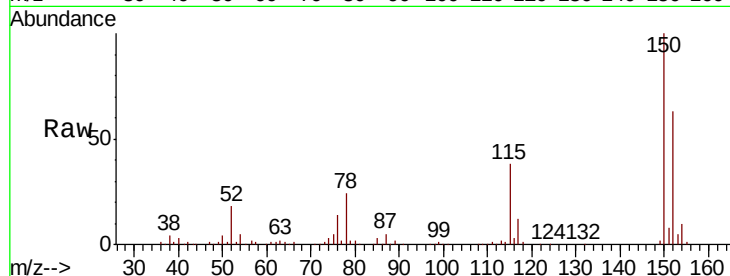


#1

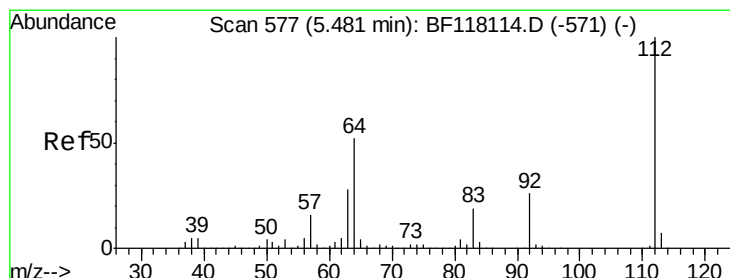
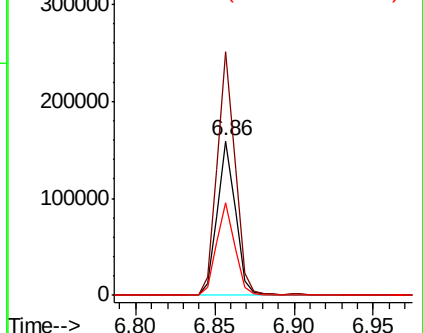
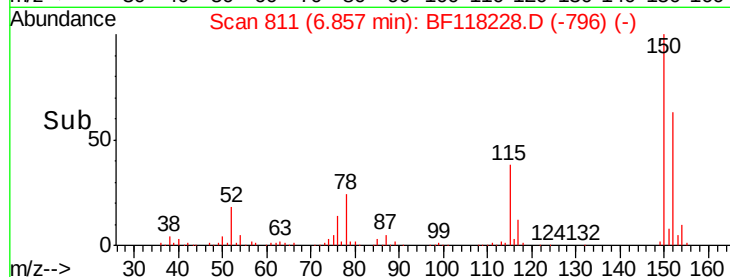
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF118228.D
Acq: 17 Dec 2019 16:05

Instrument :
BNA_F
ClientSampleId :
TP-2

Tot Ion:152 Resp: 127423
Ion Ratio Lower Upper
152 100
150 158.0 128.3 192.5
115 60.5 51.1 76.7



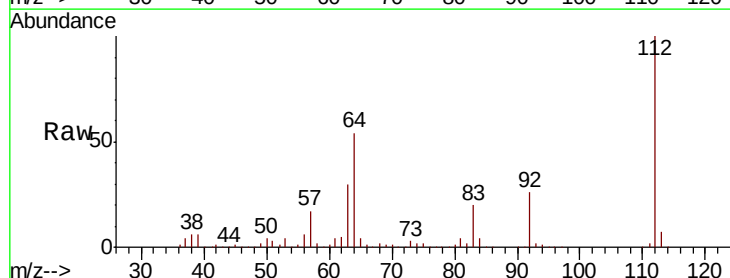
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



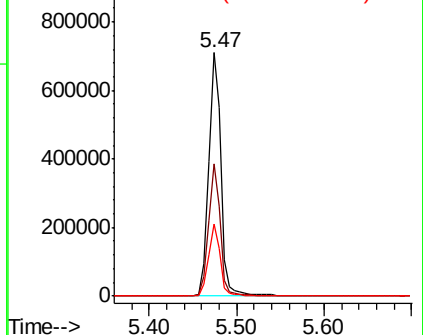
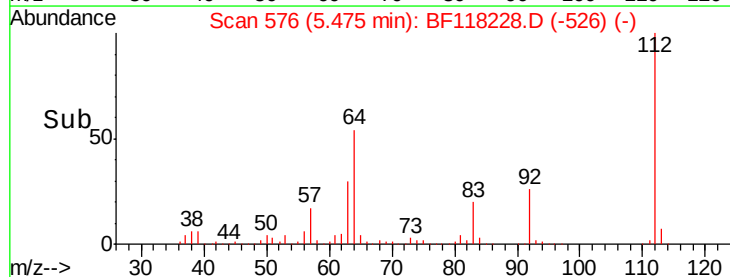
#5

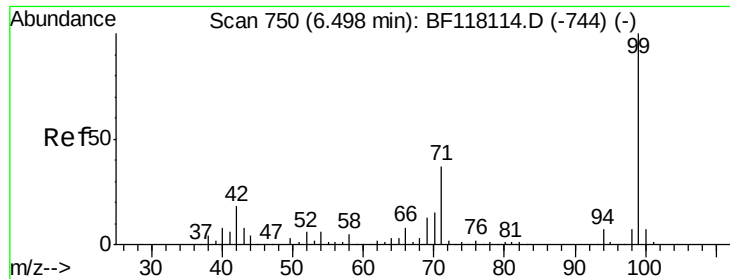
2-Fluorophenol
Concen: 95.514 ng
RT: 5.47 min Scan# 576
Delta R.T. -0.01 min
Lab File: BF118228.D
Acq: 17 Dec 2019 16:05

Tgt Ion:112 Resp: 694888
Ion Ratio Lower Upper
112 100
64 54.4 41.3 61.9
63 29.5 22.4 33.6



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: 101.856 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF118228.D

Acq: 17 Dec 2019 16:05

Instrument :

BNA_F

ClientSampled :

TP-2

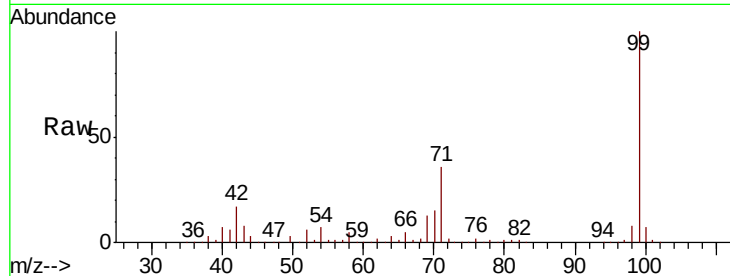
Tot Ion: 99 Resp: 896294

Ion Ratio Lower Upper

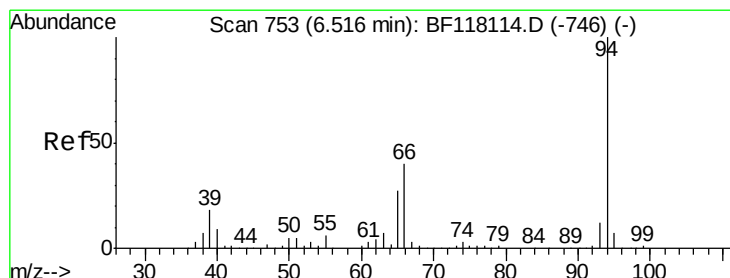
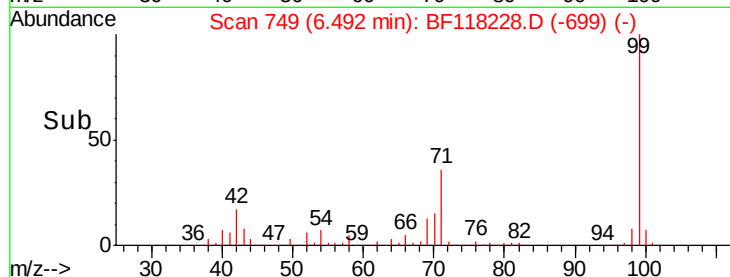
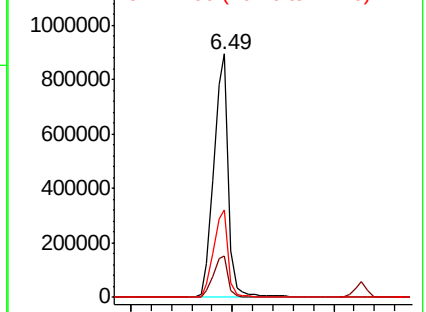
99 100

42 16.9 14.1 21.1

71 36.1 29.7 44.5



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



#10

Phenol

Concen: 2.081 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.02 min

Lab File: BF118228.D

Acq: 17 Dec 2019 16:05

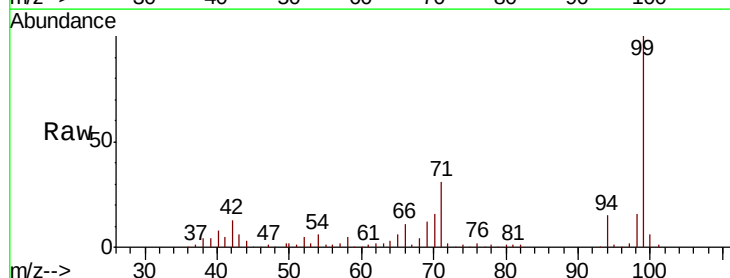
Tgt Ion: 94 Resp: 20884

Ion Ratio Lower Upper

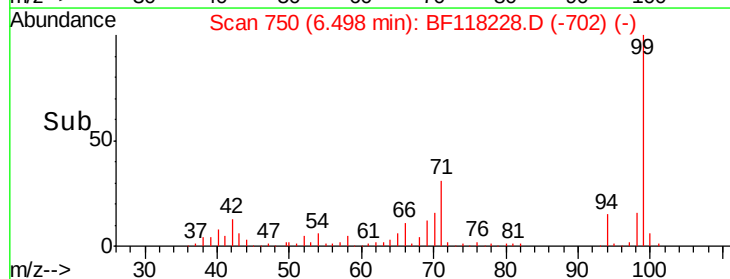
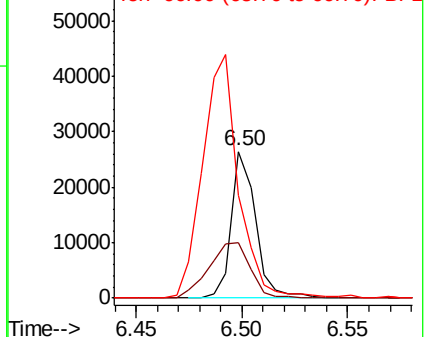
94 100

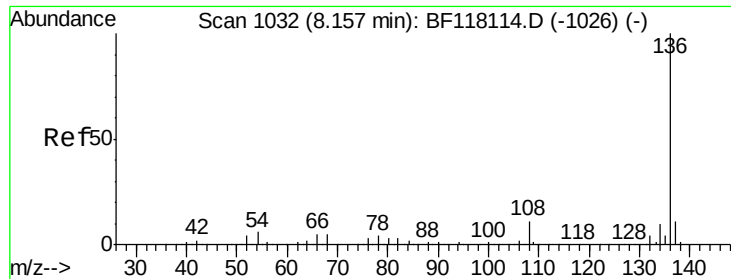
65 37.7 7.3 47.3

66 70.1 20.2 60.2#



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

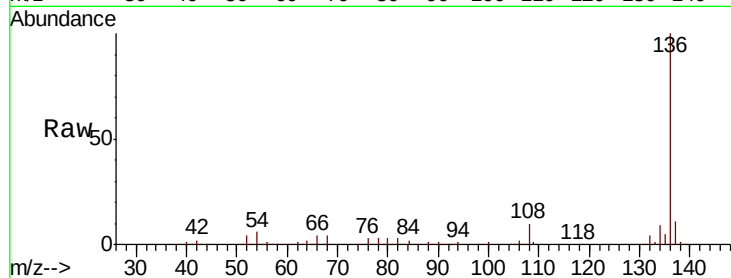




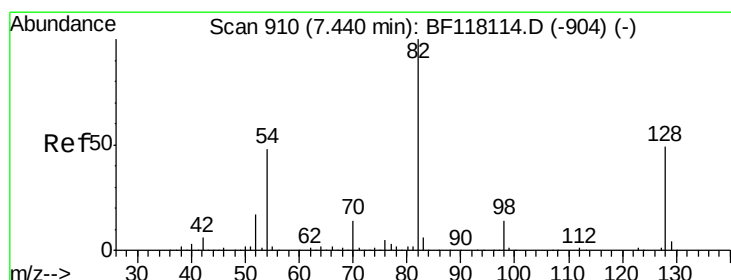
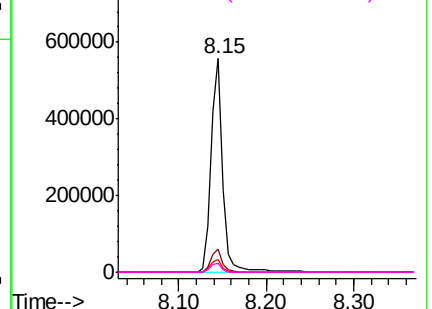
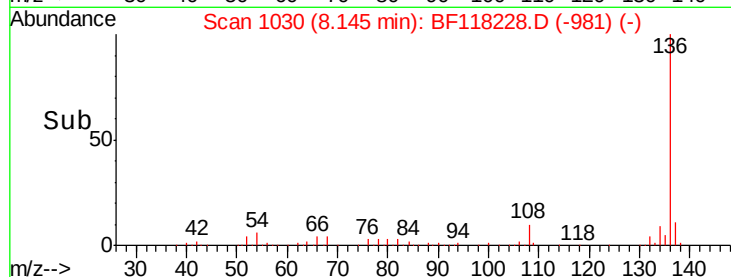
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF118228.D
Acq: 17 Dec 2019 16:05

Instrument :
BNA_F
ClientSampleId :
TP-2

Tot Ion:136	Resp:	520805
Ion	Ratio	Lower Upper
136	100	
137	10.8	9.0 13.6
54	5.8	5.0 7.6
68	4.3	3.8 5.8

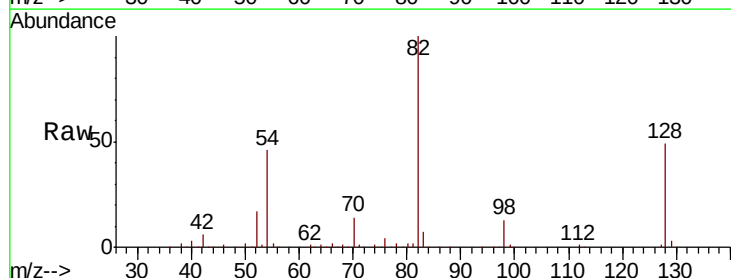


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

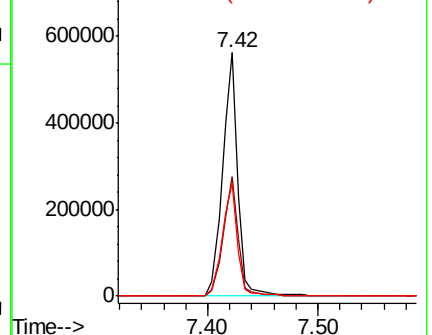
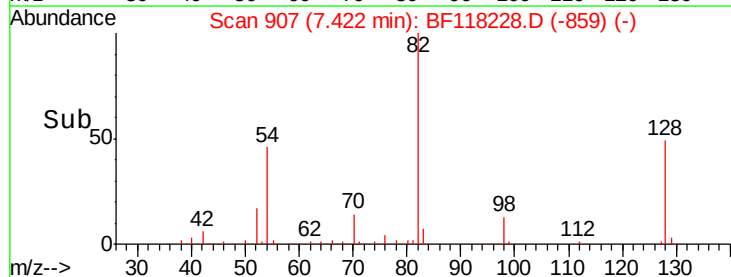


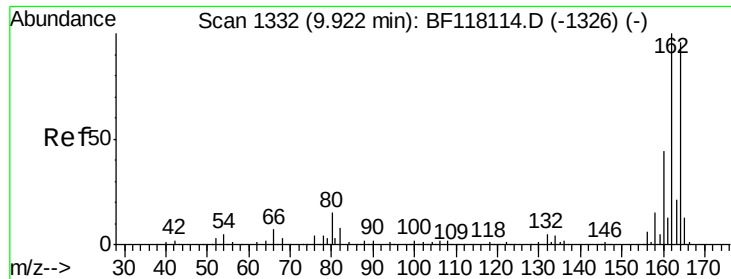
#23
Nitrobenzene-d5
Concen: 57.874 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.02 min
Lab File: BF118228.D
Acq: 17 Dec 2019 16:05

Tgt Ion: 82	Resp:	535771
Ion	Ratio	Lower Upper
82	100	
128	49.0	39.1 58.7
54	46.3	38.2 57.2



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: 9.90 min Scan# 1329

Delta R.T. -0.02 min

Lab File: BF118228.D

Acq: 17 Dec 2019 16:05

Instrument :

BNA_F

ClientSampleId :

TP-2

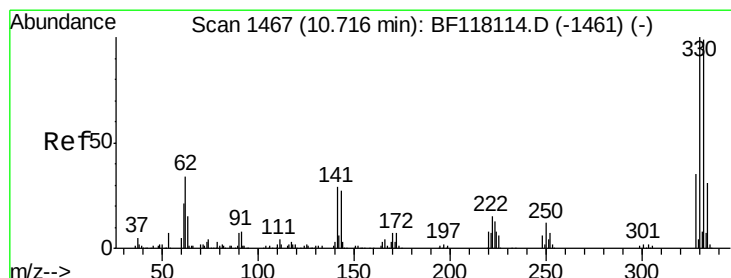
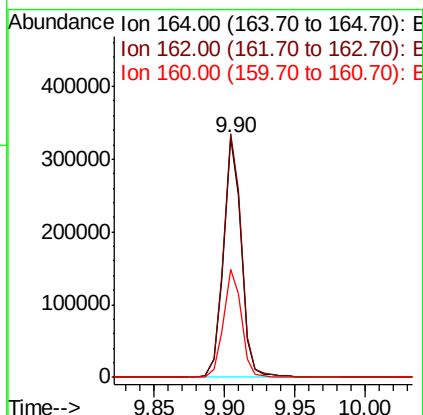
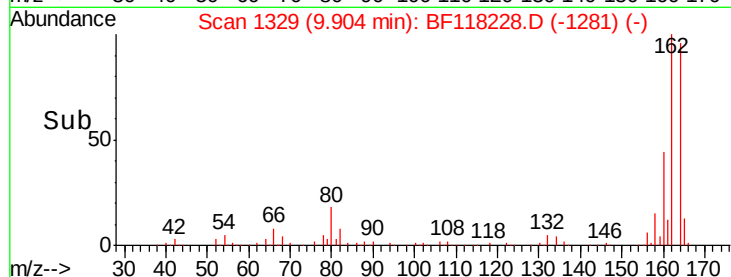
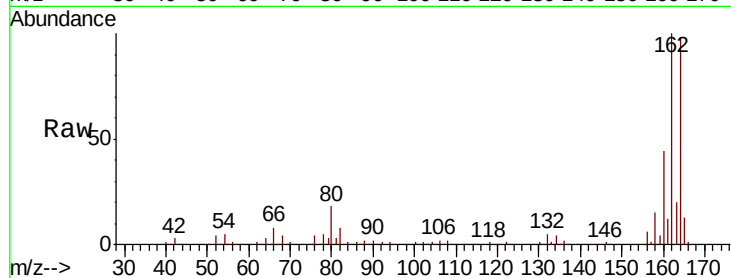
Tot Ion:164 Resp: 288931

Ion Ratio Lower Upper

164 100

162 101.6 83.4 125.0

160 45.2 36.6 54.8



#42

2,4,6-Tribromophenol

Concen: 96.415 ng

RT: 10.70 min Scan# 1465

Delta R.T. -0.01 min

Lab File: BF118228.D

Acq: 17 Dec 2019 16:05

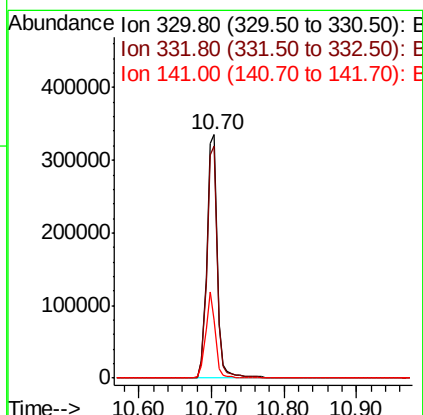
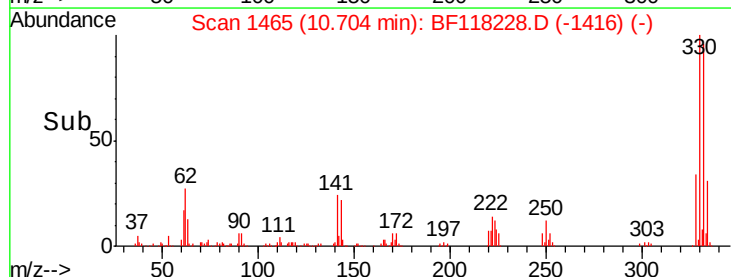
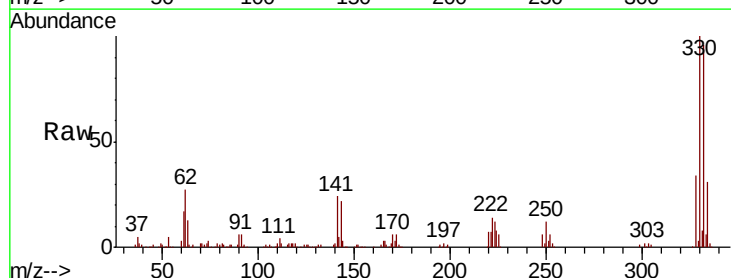
Tgt Ion:330 Resp: 338416

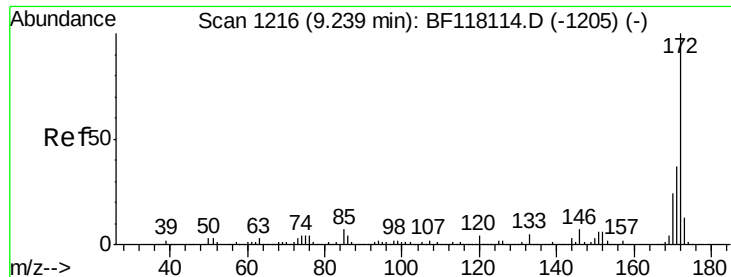
Ion Ratio Lower Upper

330 100

332 95.3 78.1 117.1

141 32.7 26.9 40.3

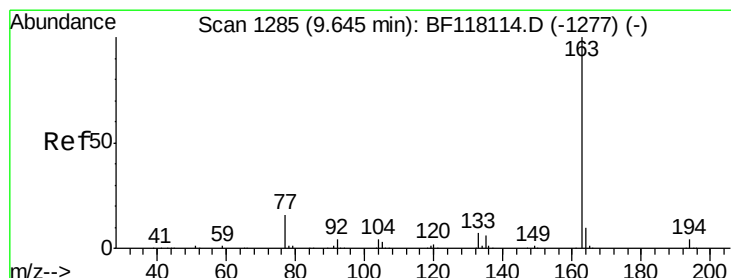
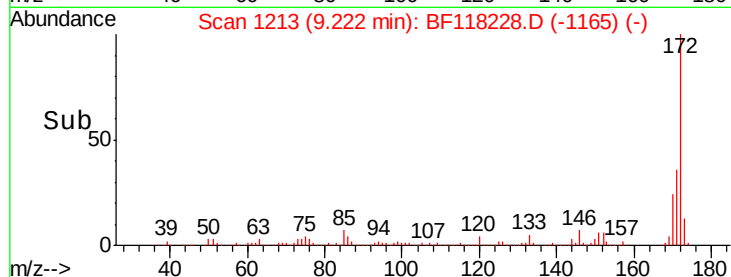
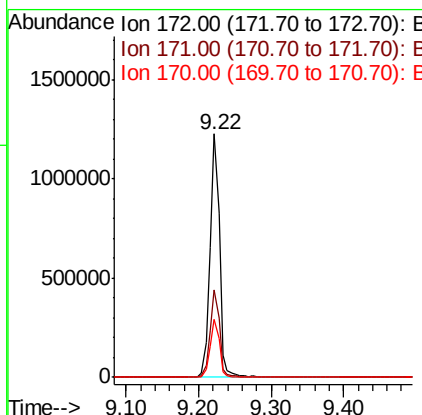
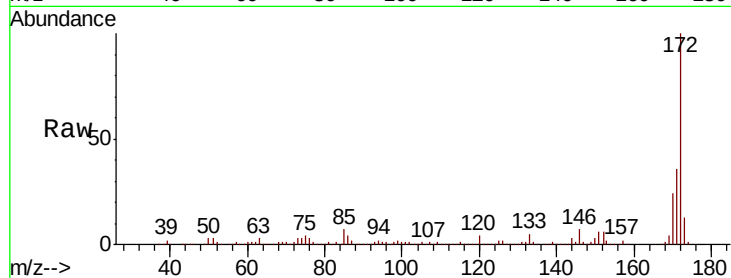




#45
2-Fluorobiphenyl
Concen: 58.586 ng
RT: 9.22 min Scan# 1213
Delta R.T. -0.02 min
Lab File: BF118228.D
Acq: 17 Dec 2019 16:05

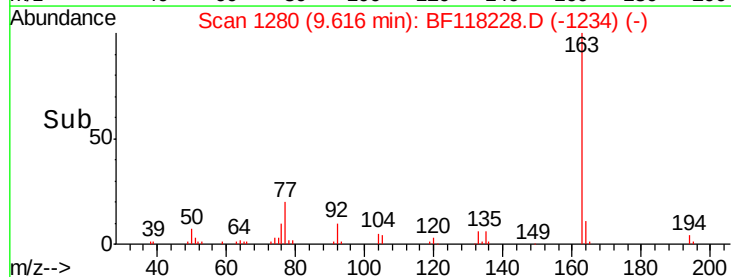
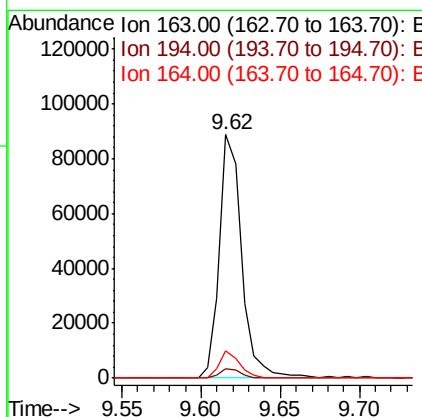
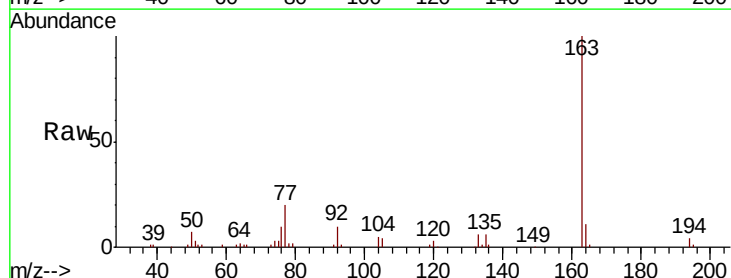
Instrument :
BNA_F
ClientSampleId :
TP-2

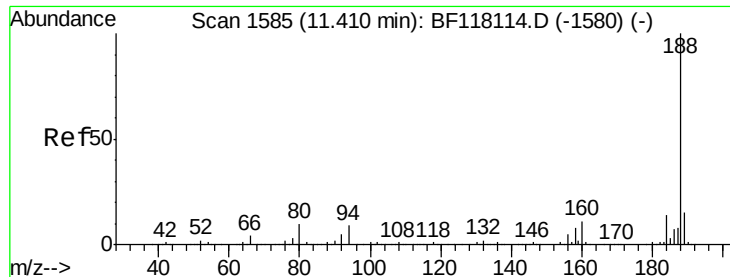
Tot Ion:172 Resp: 1112439
Ion Ratio Lower Upper
172 100
171 36.0 29.2 43.8
170 23.9 19.4 29.2



#50
Dimethylphthalate
Concen: 4.086 ng
RT: 9.62 min Scan# 1280
Delta R.T. -0.03 min
Lab File: BF118228.D
Acq: 17 Dec 2019 16:05

Tgt Ion:163 Resp: 87193
Ion Ratio Lower Upper
163 100
194 3.6 3.1 4.7
164 11.0 7.7 11.5





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.40 min Scan# 1583

Delta R.T. -0.01 min

Lab File: BF118228.D

Acq: 17 Dec 2019 16:05

Instrument :

BNA_F

ClientSampleId :

TP-2

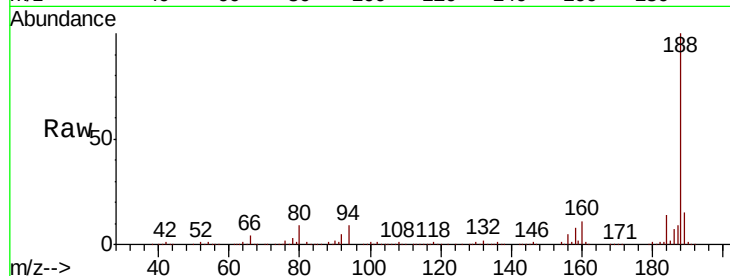
Tot Ion:188 Resp: 578028

Ion Ratio Lower Upper

188 100

94 9.1 7.1 10.7

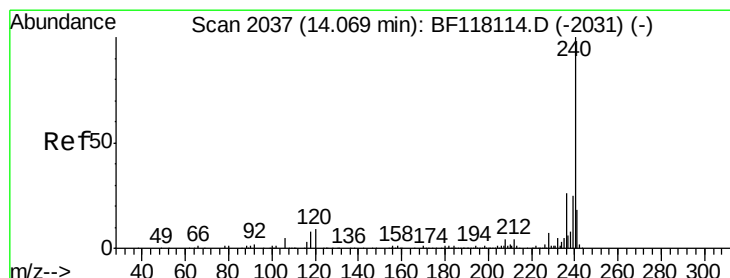
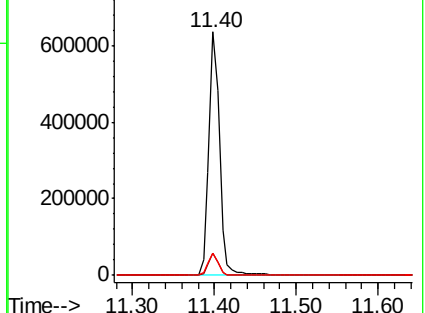
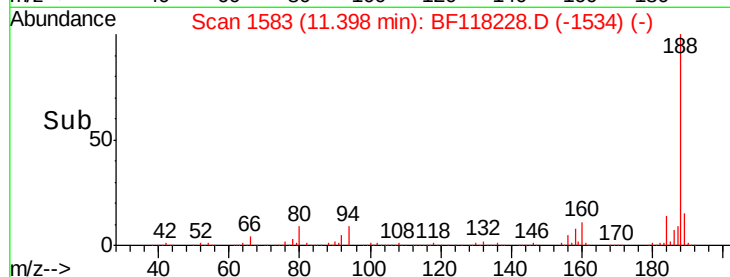
80 9.2 7.9 11.9



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: 14.05 min Scan# 2034

Delta R.T. -0.02 min

Lab File: BF118228.D

Acq: 17 Dec 2019 16:05

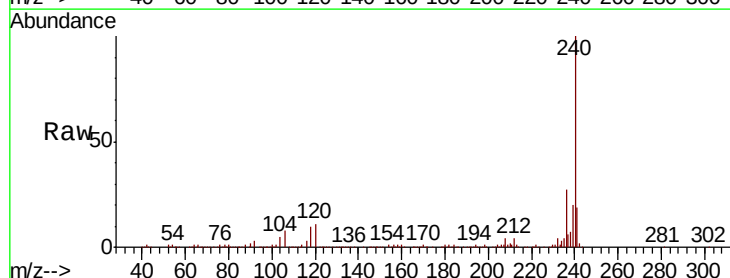
Tgt Ion:240 Resp: 385176

Ion Ratio Lower Upper

240 100

120 10.8 7.1 10.7#

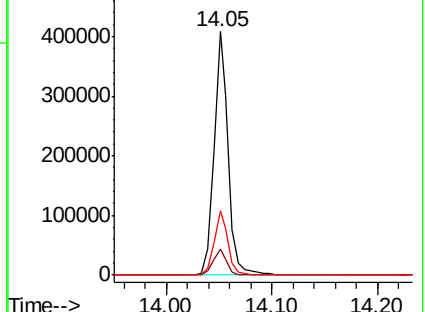
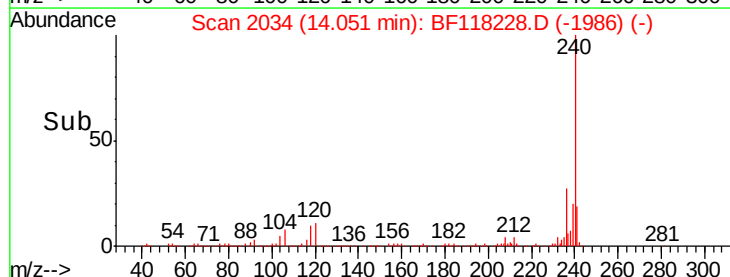
236 26.5 21.0 31.6

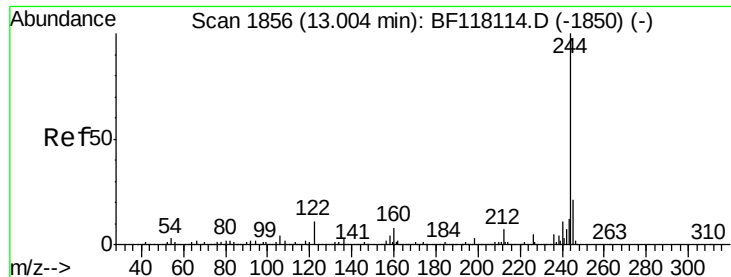


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 64.263 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BF118228.D

Acq: 17 Dec 2019 16:05

Instrument :

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ClientSampleId :

TP-2

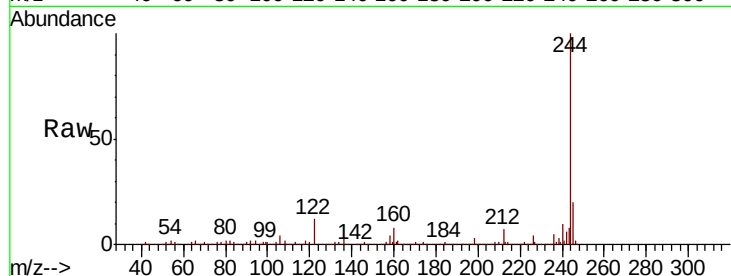
Tot Ion:244 Resp: 1439422

Ion Ratio Lower Upper

244 100

212 7.1 5.9 8.9

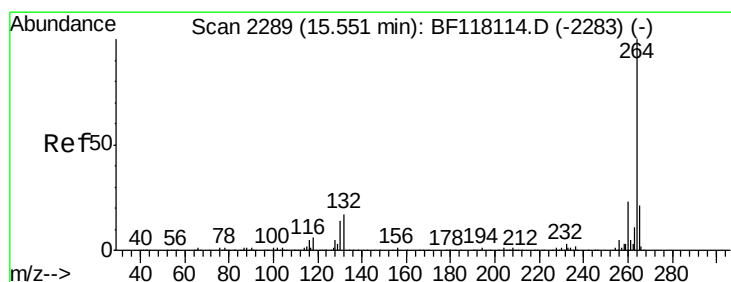
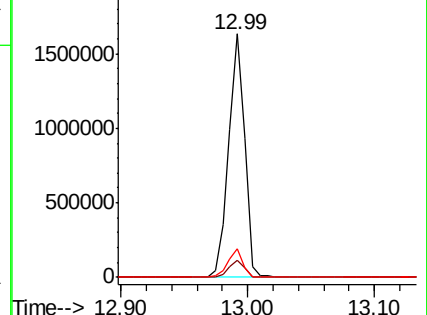
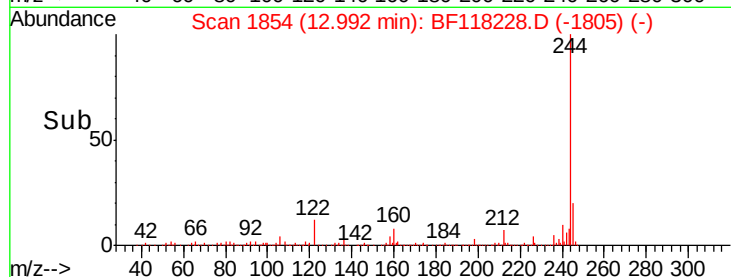
122 11.5 9.0 13.6



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: 15.54 min Scan# 2288

Delta R.T. -0.01 min

Lab File: BF118228.D

Acq: 17 Dec 2019 16:05

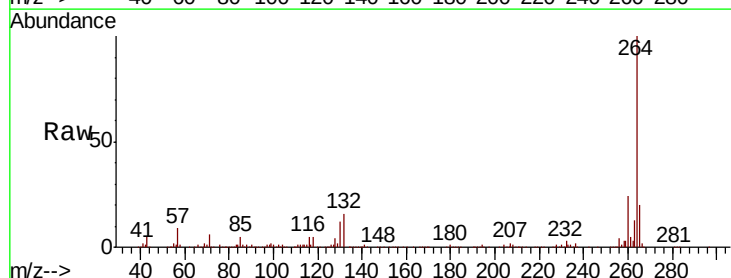
Tgt Ion:264 Resp: 327249

Ion Ratio Lower Upper

264 100

260 23.6 18.6 28.0

265 20.3 16.8 25.2



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

