

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122619\
 Data File : BF118326.D
 Acq On : 26 Dec 2019 19:47
 Operator : JU
 Sample : K6437-03
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GP-1-(1-3)

Quant Time: Dec 27 05:43:33 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF122419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 24 15:58:52 2019
 Response via : Initial Calibration

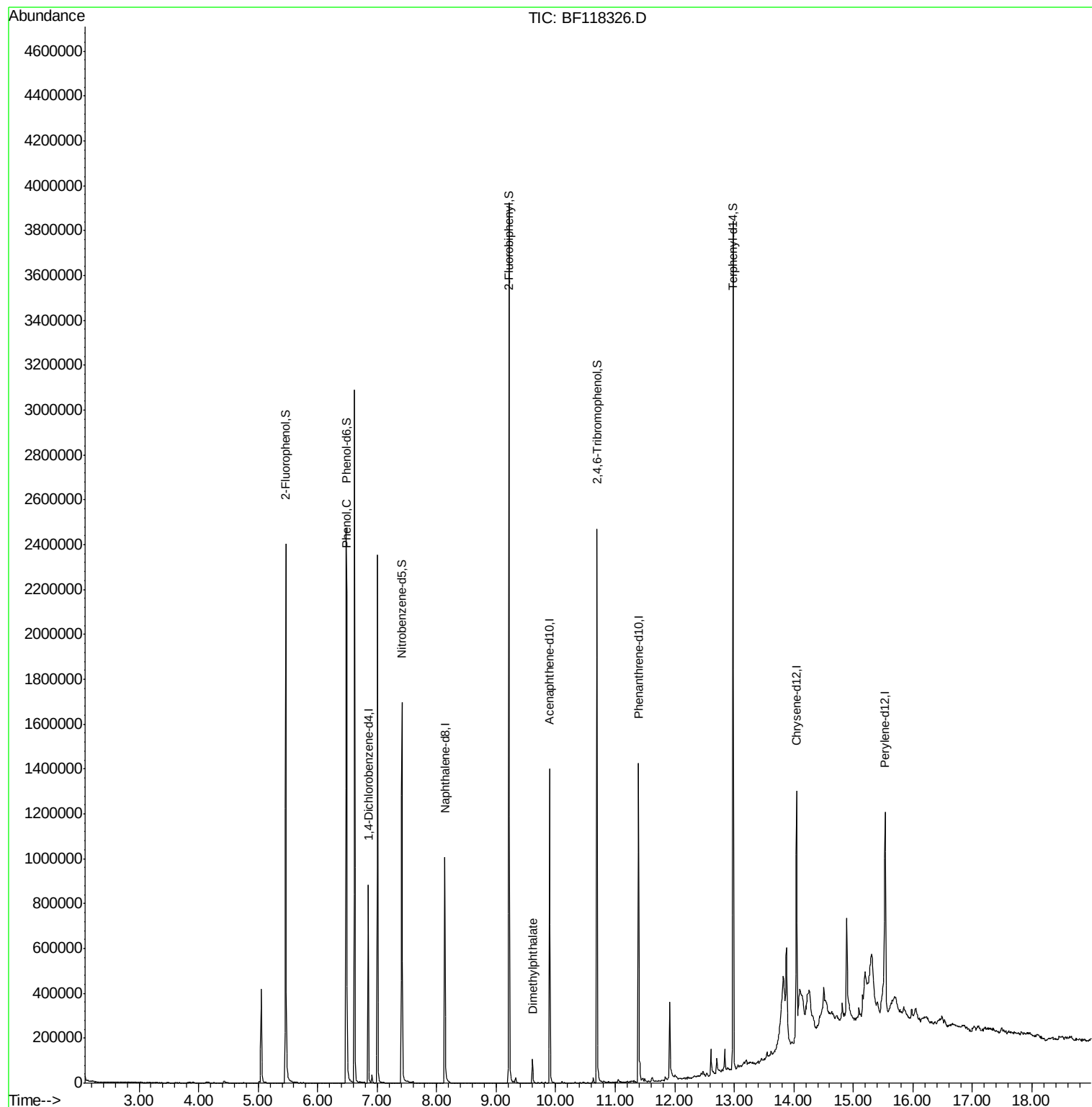
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	128752	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	511757	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	272158	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	493304	20.00	ng	0.00
76) Chrysene-d12	14.04	240	328408	20.00	ng	0.00
87) Perylene-d12	15.53	264	337616	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	703227	93.23	ng	0.00
7) Phenol-d6	6.48	99	921303	98.46	ng	0.00
23) Nitrobenzene-d5	7.42	82	533938	59.67	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	303129	90.19	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	1107849	62.14	ng	0.00
79) Terphenyl-d14	12.98	244	1190575	60.14	ng	0.00
Target Compounds						
10) Phenol	6.49	94	26073	2.479	ng	83
50) Dimethylphthalate	9.61	163	45526	2.228	ng	99

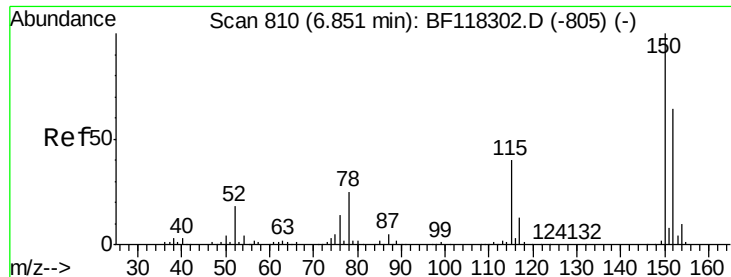
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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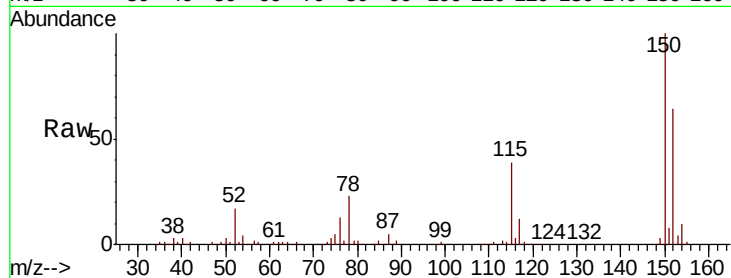


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.85 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: BF118326.D
 Acq: 26 Dec 2019 19:47

Instrument :
 BNA_F
 ClientSampleId :
 GP-1-(1-3)

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.3	125.4	188.2
115	60.5	50.2	75.4

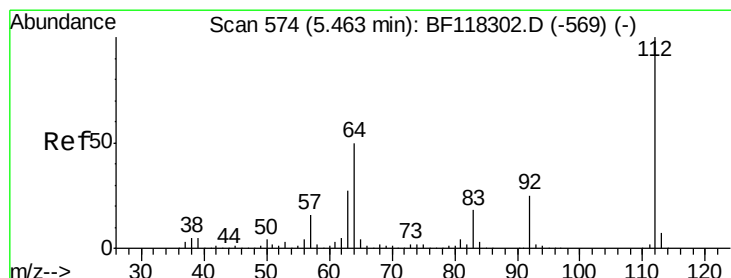
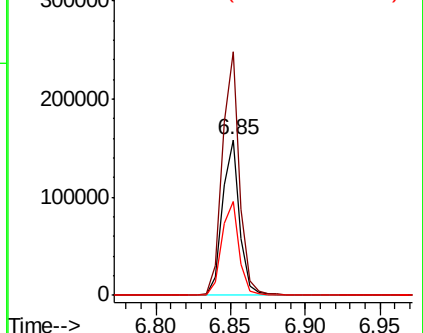
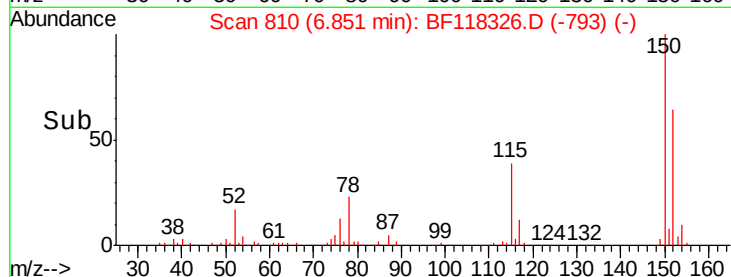


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

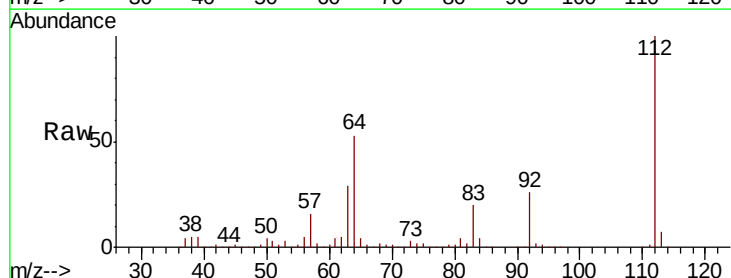
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 93.234 ng
 RT: 5.46 min Scan# 574
 Delta R.T. 0.00 min
 Lab File: BF118326.D
 Acq: 26 Dec 2019 19:47

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.2	39.7	59.5
63	29.0	21.7	32.5

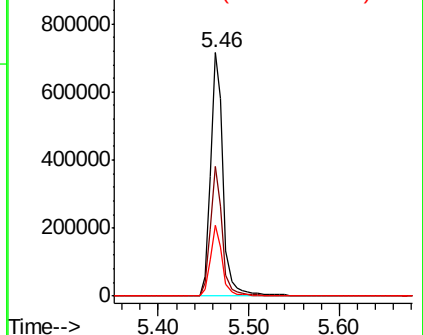
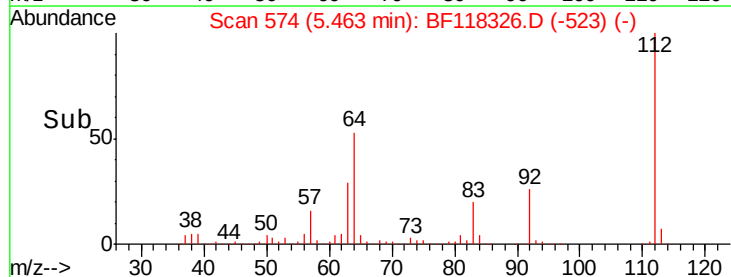


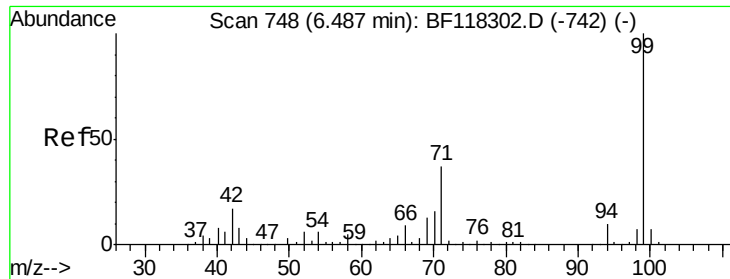
Abundance

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: 98.463 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF118326.D

Acq: 26 Dec 2019 19:47

Instrument :

BNA_F

ClientSampleId :

GP-1-(1-3)

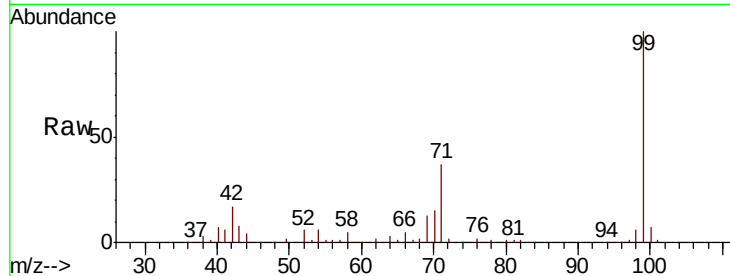
Tot Ion: 99 Resp: 921303

Ion Ratio Lower Upper

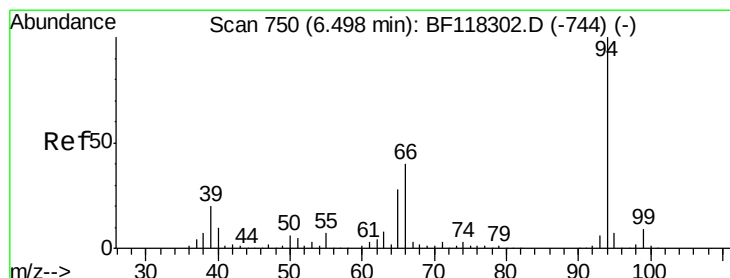
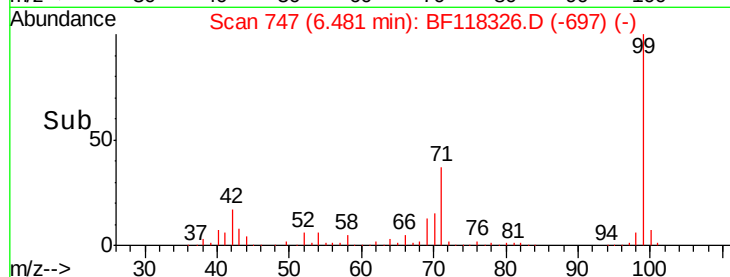
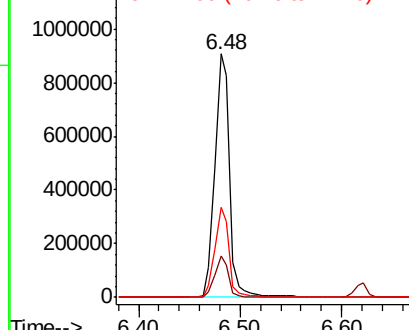
99 100

42 16.9 13.5 20.3

71 36.9 29.4 44.2



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: 2.479 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF118326.D

Acq: 26 Dec 2019 19:47

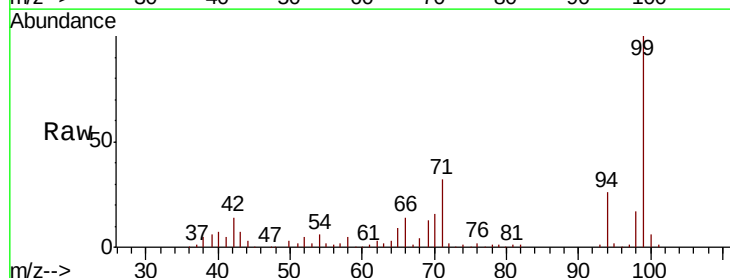
Tgt Ion: 94 Resp: 26073

Ion Ratio Lower Upper

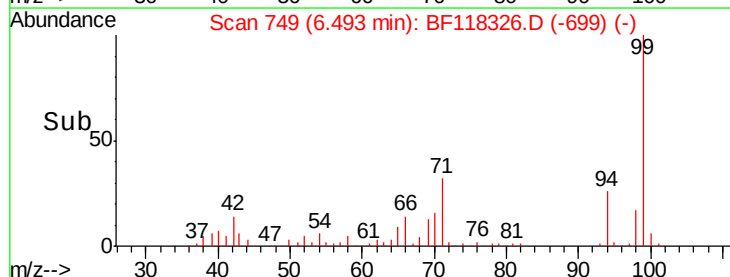
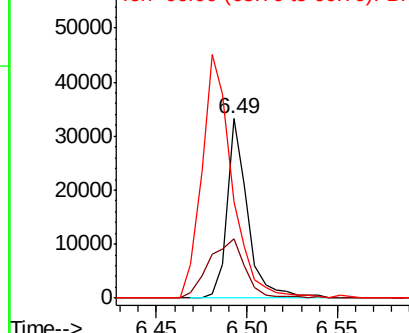
94 100

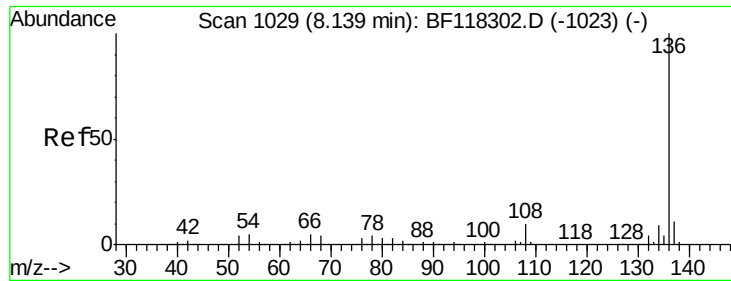
65 33.1 7.8 47.8

66 53.6 20.4 60.4



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

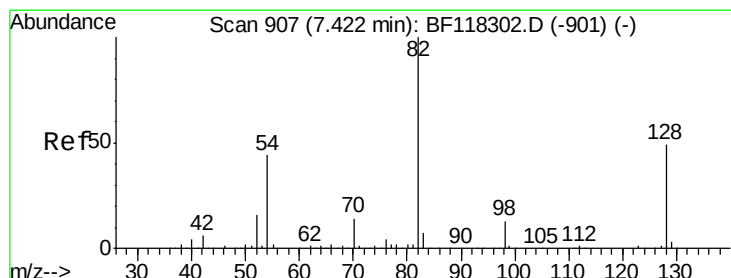
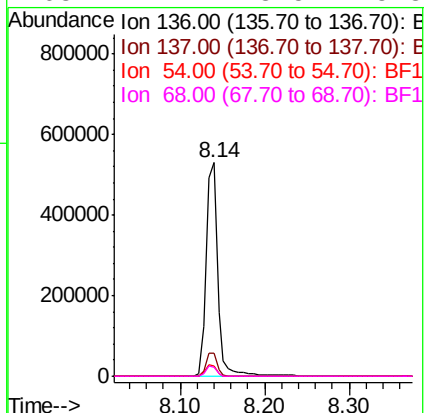
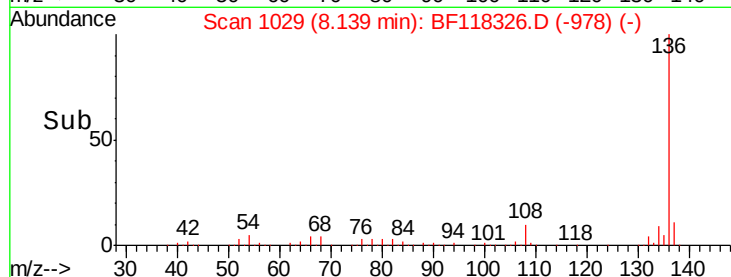
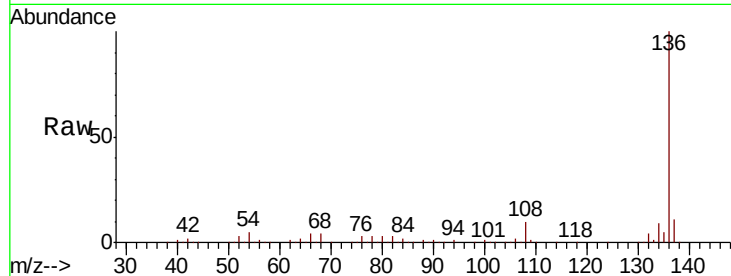




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BF118326.D
Acq: 26 Dec 2019 19:47

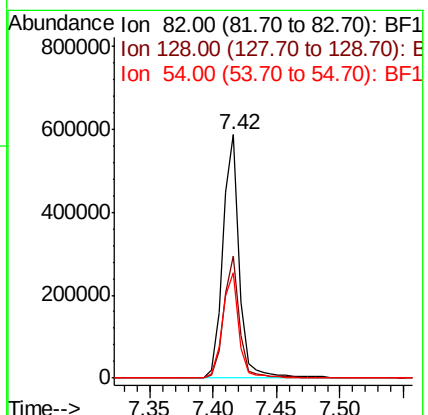
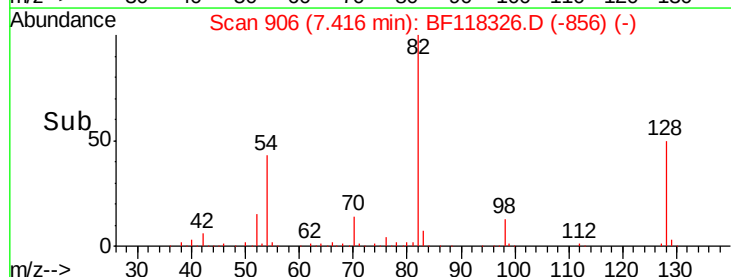
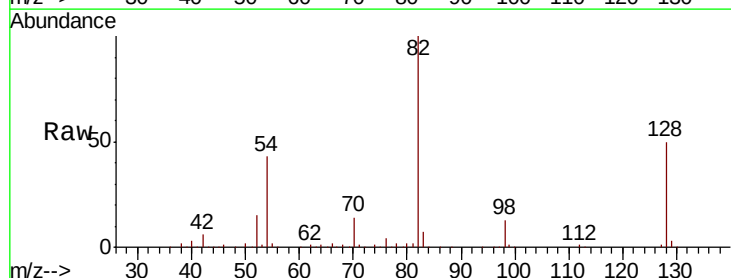
Instrument :
BNA_F
ClientSampleId :
GP-1-(1-3)

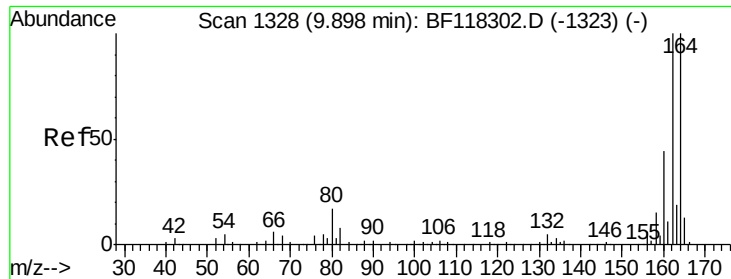
Tot Ion:136	Resp:	511757
Ion Ratio	Lower	Upper
136	100	
137	10.6	8.9 13.3
54	4.8	4.2 6.4
68	4.1	3.5 5.3



#23
Nitrobenzene-d5
Concen: 59.674 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF118326.D
Acq: 26 Dec 2019 19:47

Tgt Ion: 82	Resp:	533938
Ion Ratio	Lower	Upper
82	100	
128	50.3	39.6 59.4
54	43.2	34.9 52.3

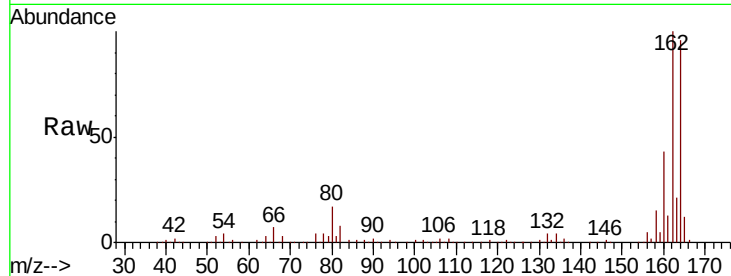




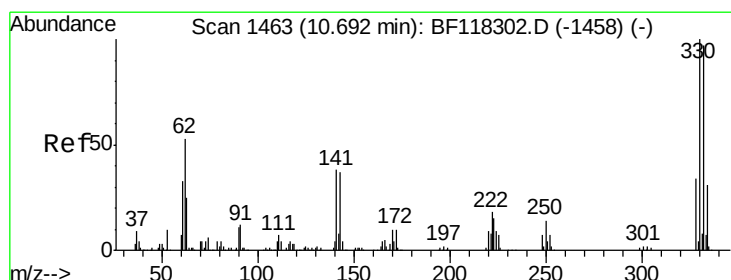
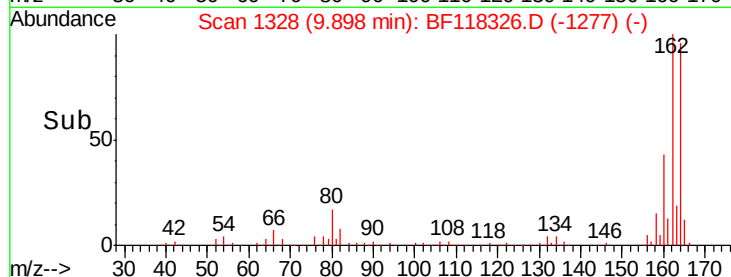
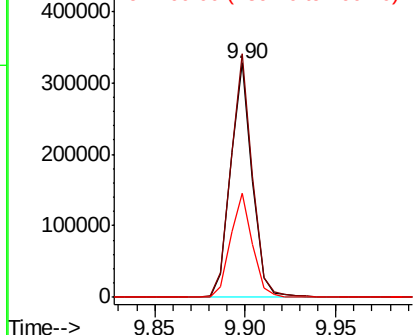
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1328
Delta R.T. 0.00 min
Lab File: BF118326.D
Acq: 26 Dec 2019 19:47

Instrument :
BNA_F
ClientSampleId :
GP-1-(1-3)

Tot Ion:164 Resp: 272158
Ion Ratio Lower Upper
164 100
162 103.8 80.0 120.0
160 44.4 34.8 52.2

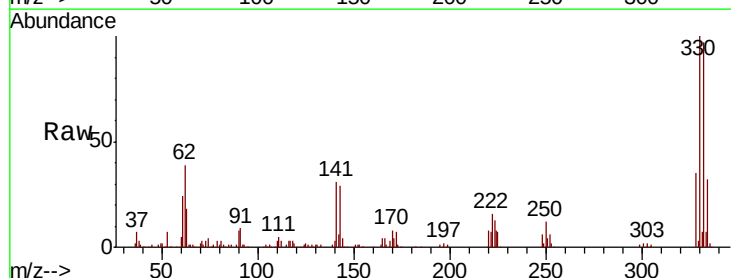


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

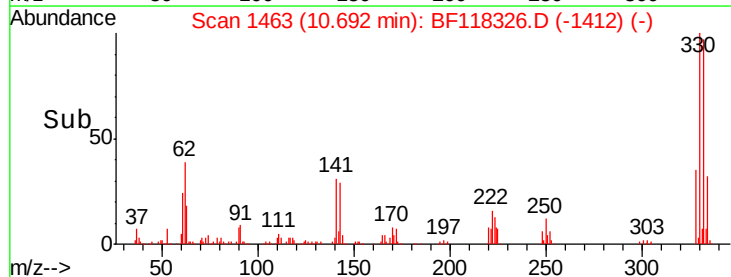
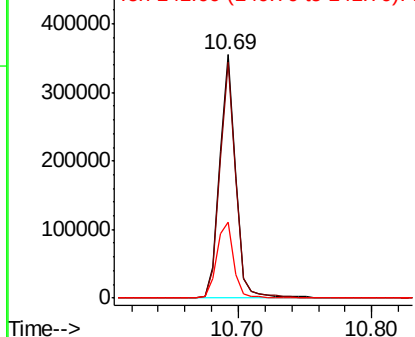


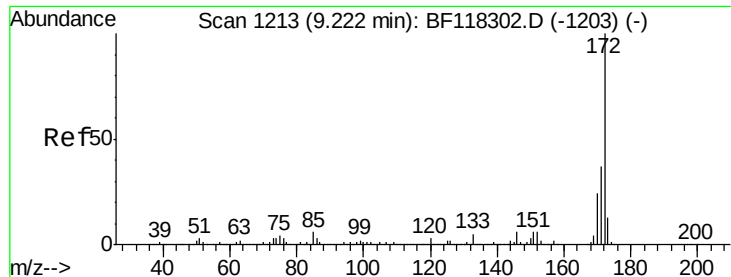
#42
2,4,6-Tribromophenol
Concen: 90.191 ng
RT: 10.69 min Scan# 1463
Delta R.T. 0.00 min
Lab File: BF118326.D
Acq: 26 Dec 2019 19:47

Tgt Ion:330 Resp: 303129
Ion Ratio Lower Upper
330 100
332 96.8 76.6 114.8
141 33.6 26.0 39.0



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

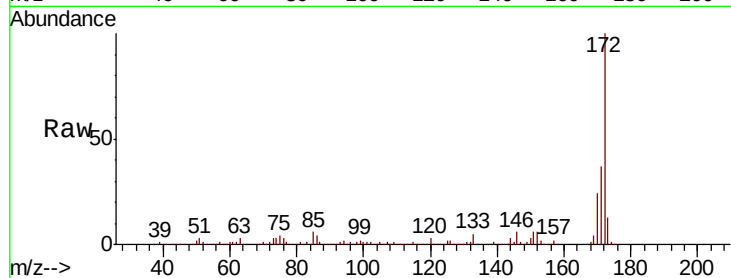




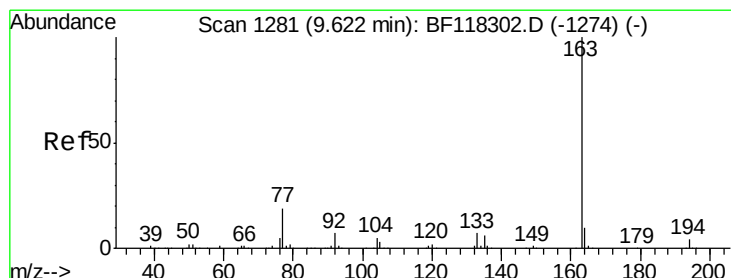
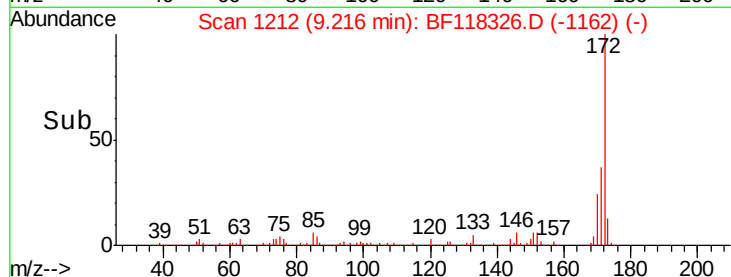
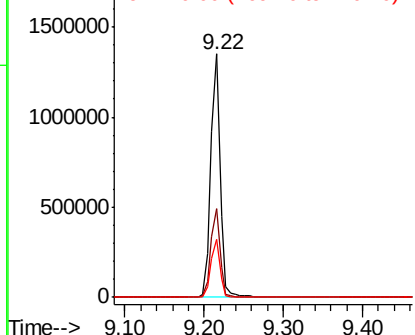
#45
2-Fluorobiphenyl
Concen: 62.137 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.01 min
Lab File: BF118326.D
Acq: 26 Dec 2019 19:47

Instrument :
BNA_F
ClientSampleId :
GP-1-(1-3)

Tot Ion:172 Resp: 1107849
Ion Ratio Lower Upper
172 100
171 36.5 29.3 43.9
170 23.6 19.2 28.8

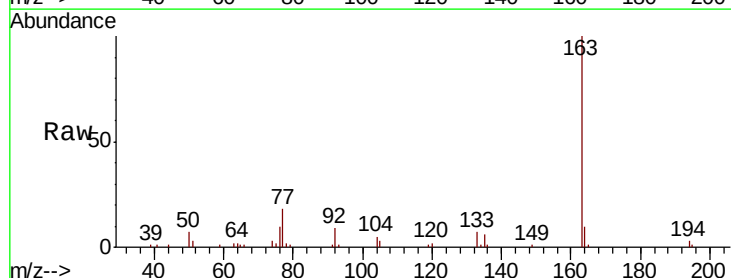


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

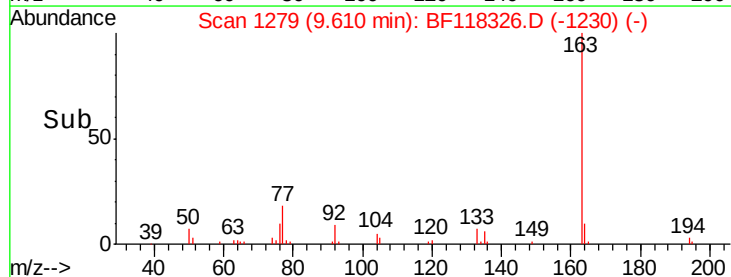
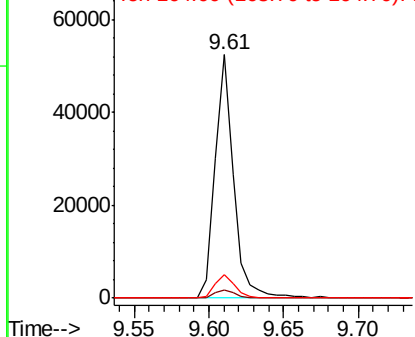


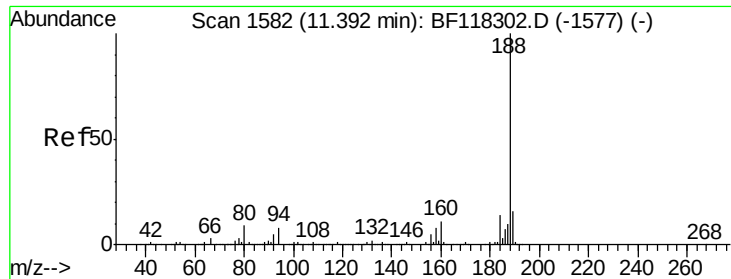
#50
Dimethylphthalate
Concen: 2.228 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.01 min
Lab File: BF118326.D
Acq: 26 Dec 2019 19:47

Tgt Ion:163 Resp: 45526
Ion Ratio Lower Upper
163 100
194 3.3 3.2 4.8
164 9.6 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

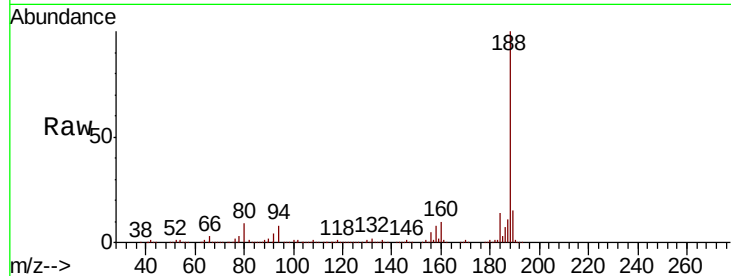




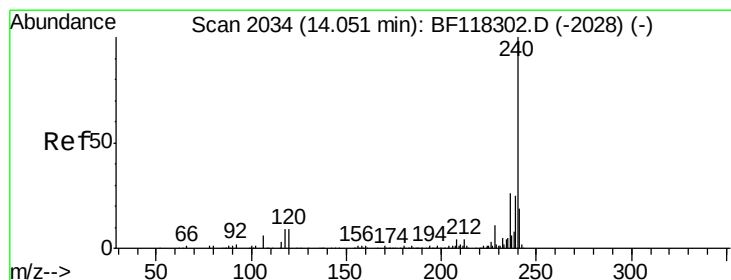
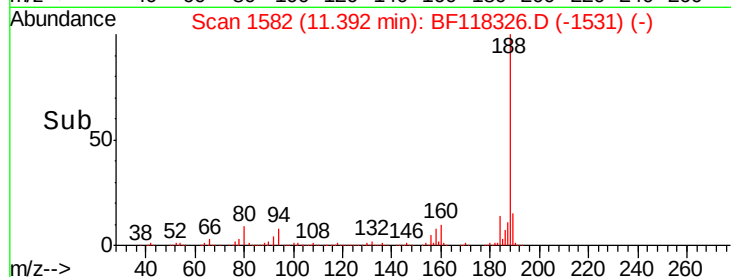
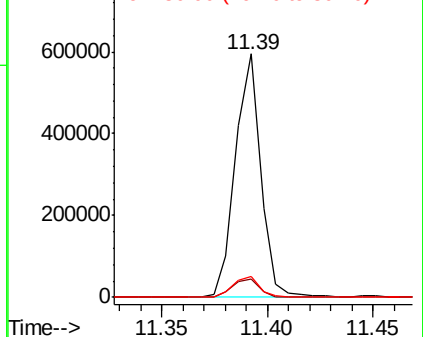
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1582
Delta R.T. 0.00 min
Lab File: BF118326.D
Acq: 26 Dec 2019 19:47

Instrument :
BNA_F
ClientSampleId :
GP-1-(1-3)

Tot Ion:188 Resp: 493304
Ion Ratio Lower Upper
188 100
94 7.6 6.7 10.1
80 8.6 7.2 10.8

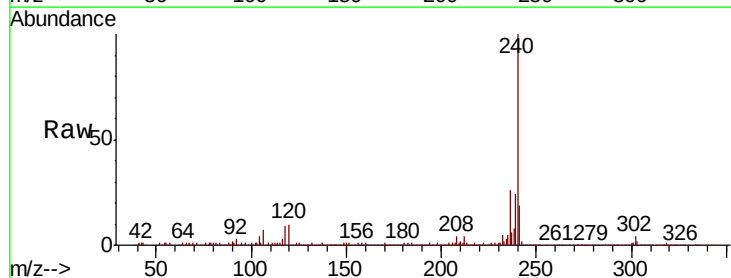


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

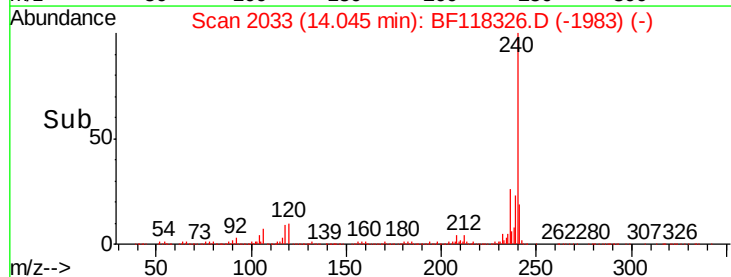
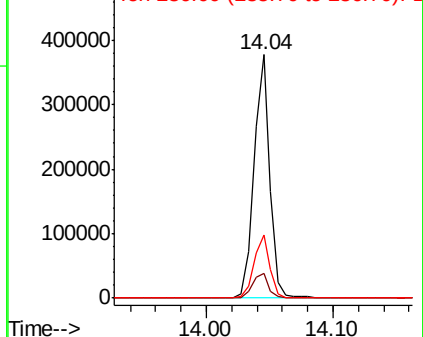


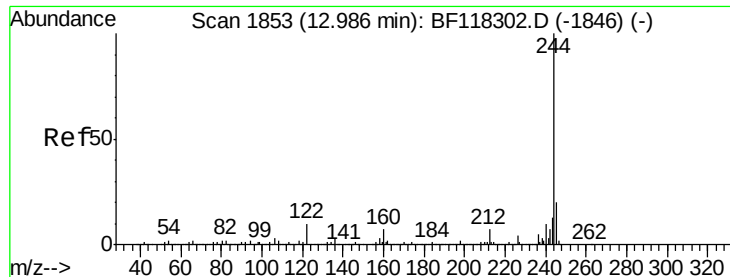
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF118326.D
Acq: 26 Dec 2019 19:47

Tgt Ion:240 Resp: 328408
Ion Ratio Lower Upper
240 100
120 10.4 7.1 10.7
236 25.9 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: 60.145 ng

RT: 12.98 min Scan# 1852

Delta R.T. -0.01 min

Lab File: BF118326.D

Acq: 26 Dec 2019 19:47

Instrument :

BNA_F

ClientSampleId :

GP-1-(1-3)

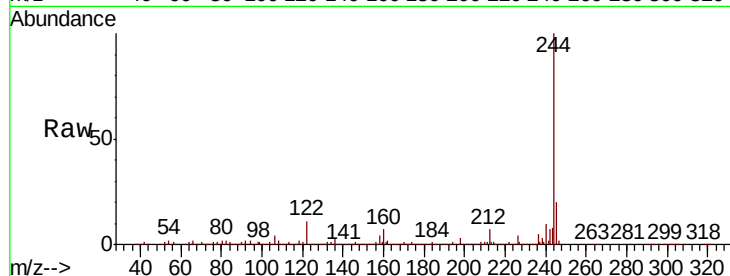
Tot Ion:244 Resp: 1190575

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.2

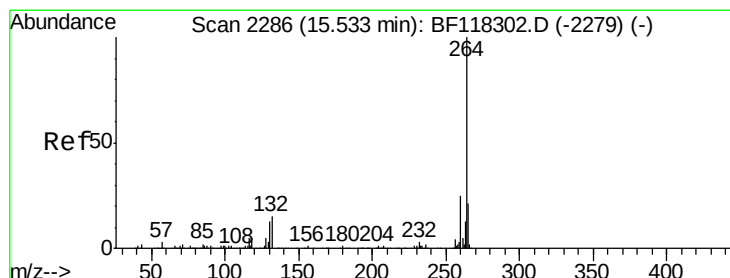
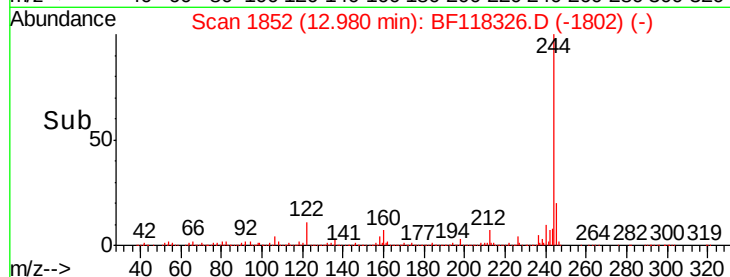
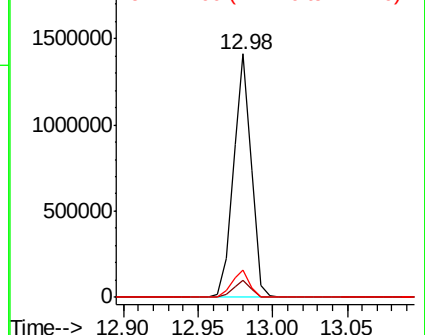
122 11.0 7.8 11.8



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: 15.53 min Scan# 2286

Delta R.T. 0.00 min

Lab File: BF118326.D

Acq: 26 Dec 2019 19:47

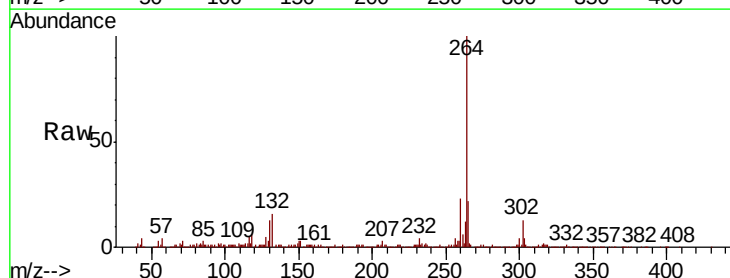
Tgt Ion:264 Resp: 337616

Ion Ratio Lower Upper

264 100

260 23.5 19.8 29.6

265 21.6 17.0 25.4



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

