

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101619\
 Data File : BF117417.D
 Acq On : 16 Oct 2019 16:53
 Operator : JU
 Sample : K5355-07
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-31

Quant Time: Oct 17 01:21:24 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 14 19:03:29 2019
 Response via : Initial Calibration

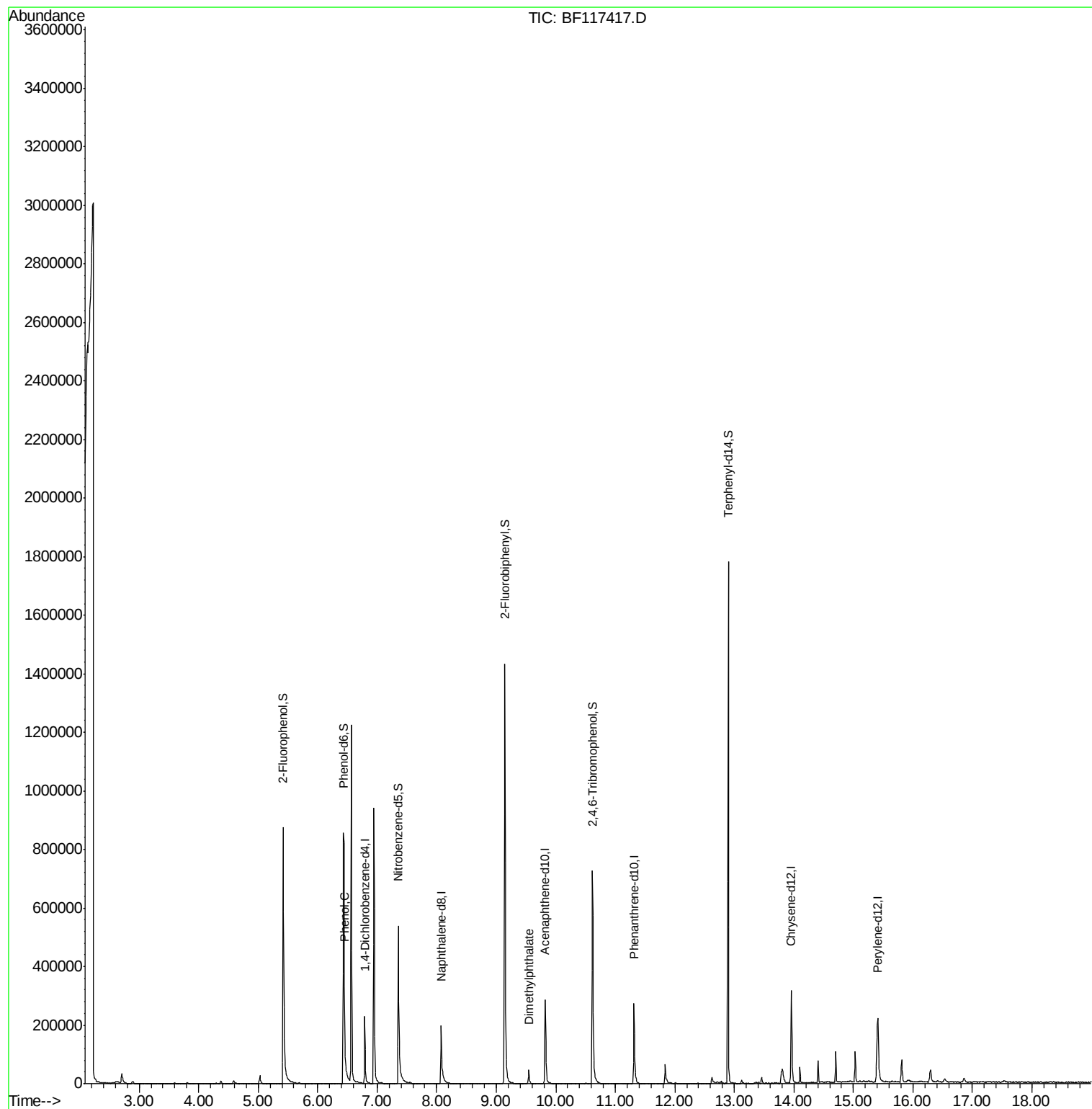
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	40464	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	159625	20.00	ng	0.00
39) Acenaphthene-d10	9.82	164	84932	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	147696	20.00	ng	0.00
76) Chrysene-d12	13.96	240	129223	20.00	ng	0.00
87) Perylene-d12	15.42	264	129418	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	329052	125.12	ng	0.00
7) Phenol-d6	6.43	99	434371	124.49	ng	0.00
23) Nitrobenzene-d5	7.36	82	278536	88.45	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	102207	147.86	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	503729	86.47	ng	0.00
79) Terphenyl-d14	12.90	244	592306	74.72	ng	0.00
Target Compounds						
10) Phenol	6.45	94	9140	2.426	ng	Qvalue # 72
50) Dimethylphthalate	9.55	163	29739	4.876	ng	98

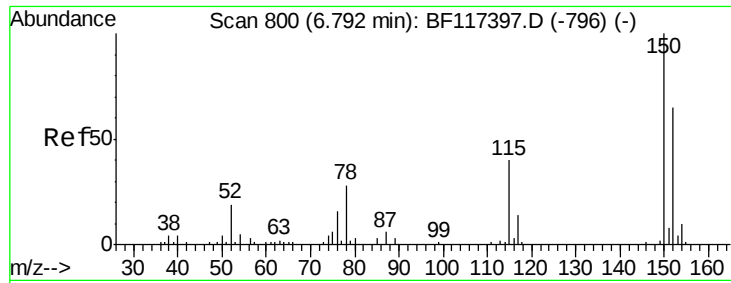
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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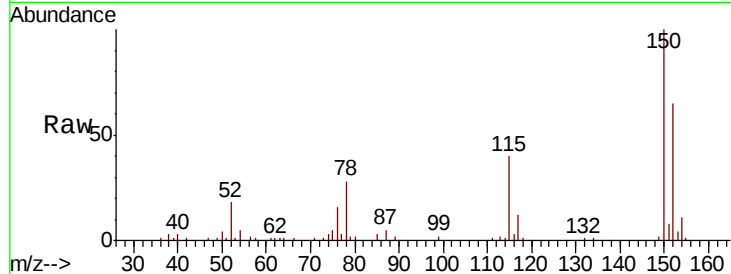


#1

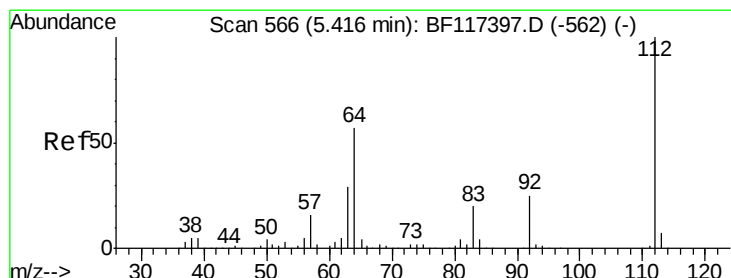
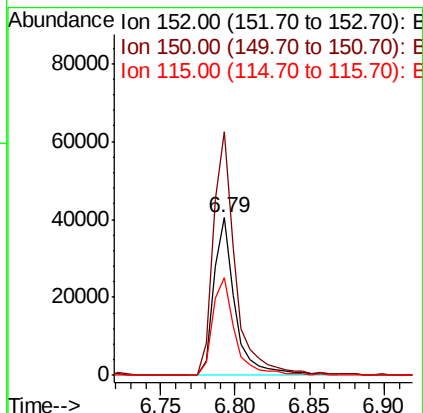
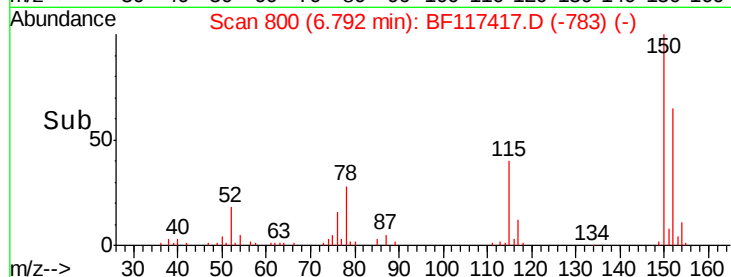
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF117417.D
Acq: 16 Oct 2019 16:53

Instrument :
BNA_F
ClientSampleId :
COMP-31

Tot Ion:152 Resp: 40464
Ion Ratio Lower Upper
152 100
150 154.5 122.7 184.1
115 62.3 48.6 73.0



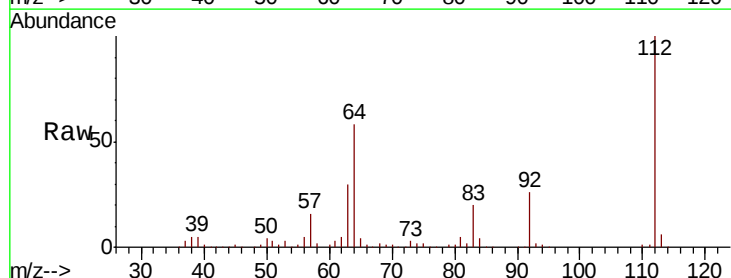
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



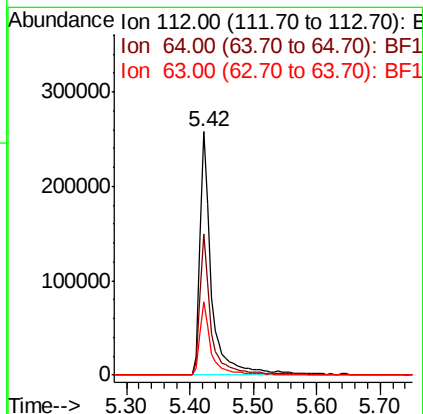
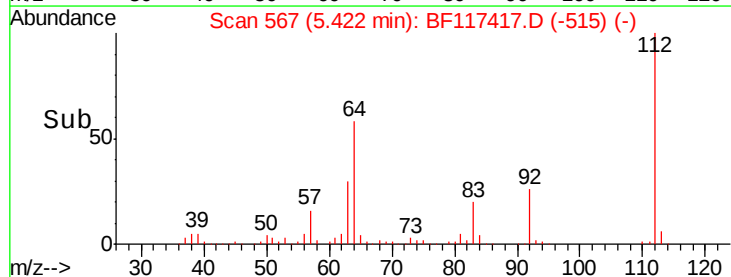
#5

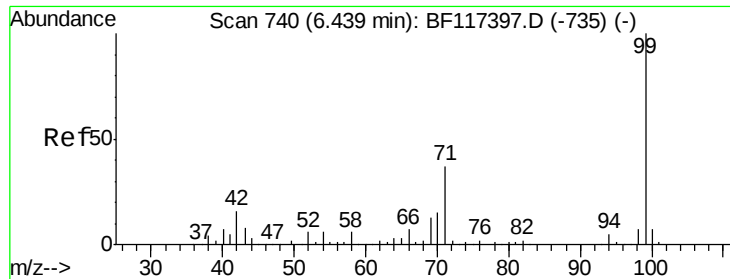
2-Fluorophenol
Concen: 125.121 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF117417.D
Acq: 16 Oct 2019 16:53

Tgt Ion:112 Resp: 329052
Ion Ratio Lower Upper
112 100
64 57.9 45.2 67.8
63 30.1 23.4 35.2



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: 124.485 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF117417.D

Acq: 16 Oct 2019 16:53

Instrument :

BNA_F

ClientSampleId :

COMP-31

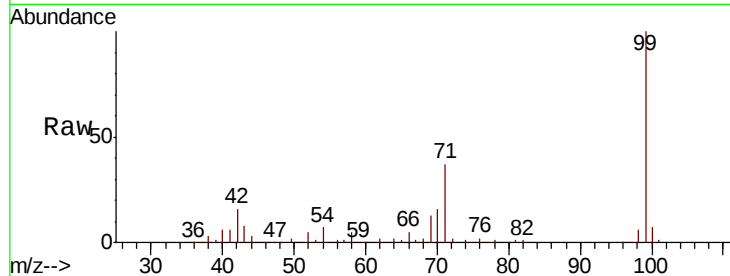
Tot Ion: 99 Resp: 434371

Ion Ratio Lower Upper

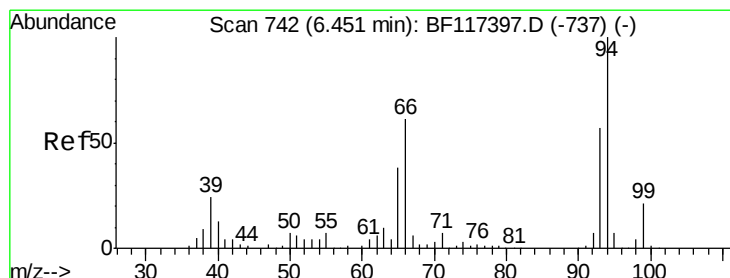
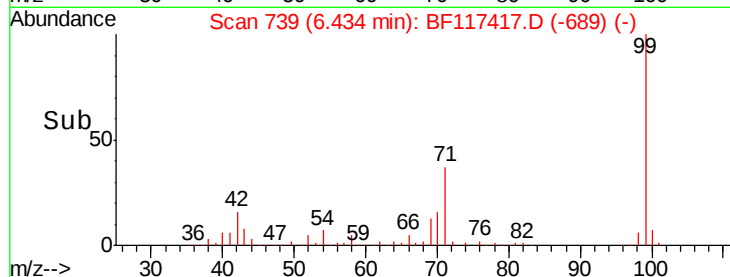
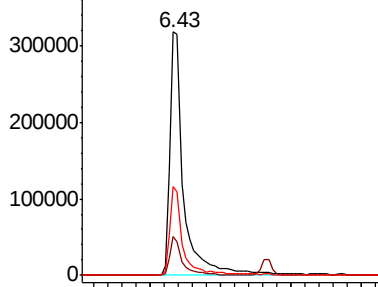
99 100

42 16.1 12.5 18.7

71 36.7 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



#10

Phenol

Concen: 2.426 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.00 min

Lab File: BF117417.D

Acq: 16 Oct 2019 16:53

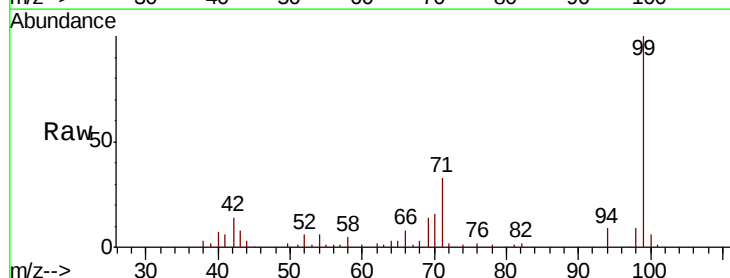
Tgt Ion: 94 Resp: 9140

Ion Ratio Lower Upper

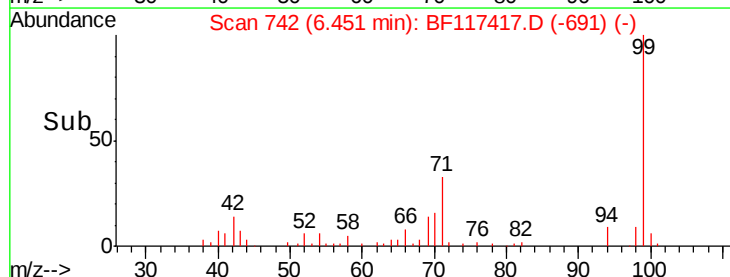
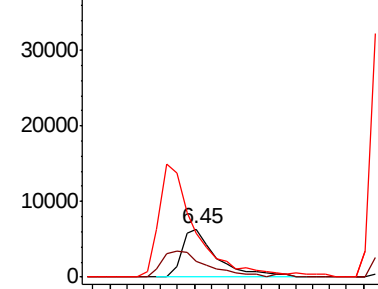
94 100

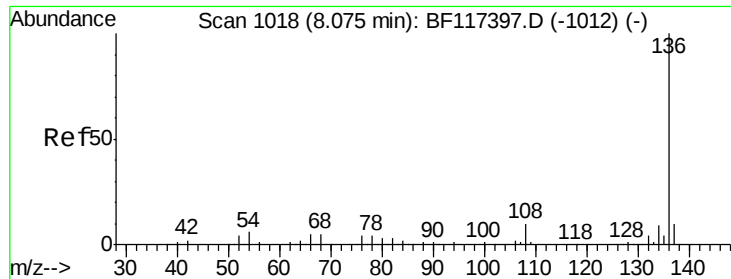
65 33.2 18.2 58.2

66 91.4 41.1 81.1#



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

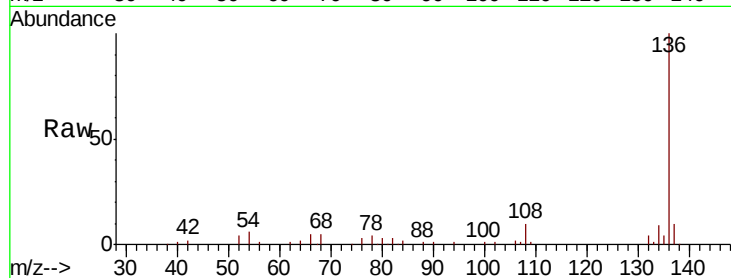




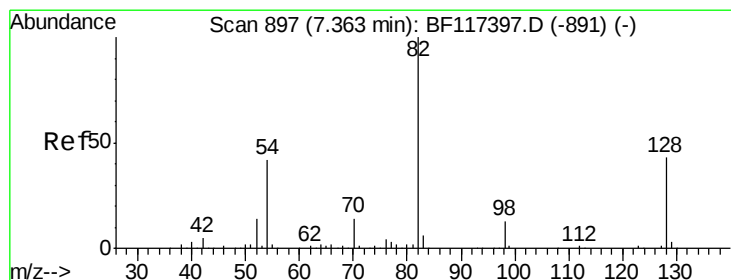
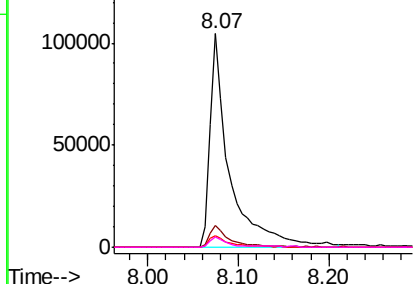
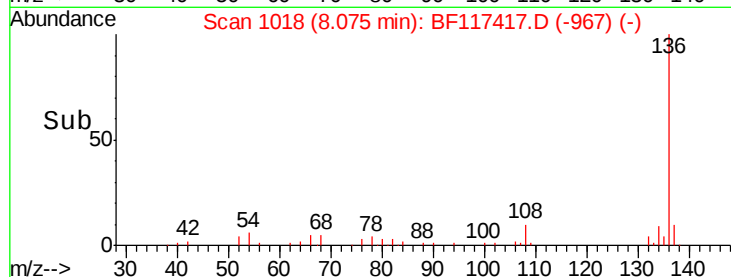
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BF117417.D
Acq: 16 Oct 2019 16:53

Instrument :
BNA_F
ClientSampleId :
COMP-31

Tot Ion:136	Resp:	159625
Ion	Ratio	Lower Upper
136	100	
137	10.2	8.4 12.6
54	5.7	4.6 6.8
68	4.8	3.8 5.8

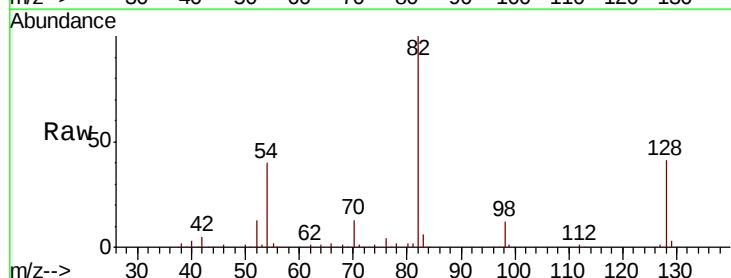


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

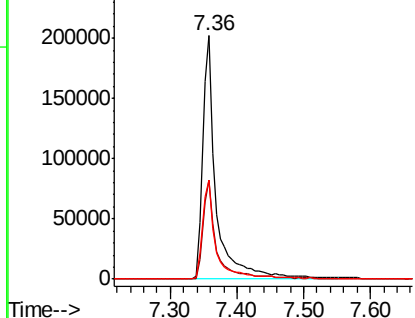
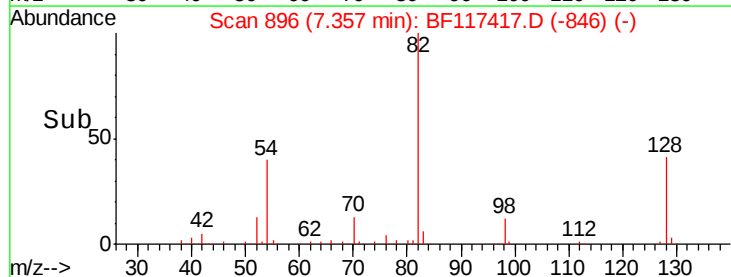


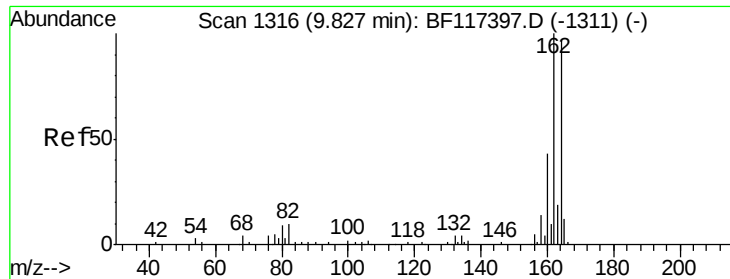
#23
Nitrobenzene-d5
Concen: 88.452 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF117417.D
Acq: 16 Oct 2019 16:53

Tgt Ion: 82	Resp:	278536
Ion	Ratio	Lower Upper
82	100	
128	40.9	34.1 51.1
54	40.4	33.3 49.9



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

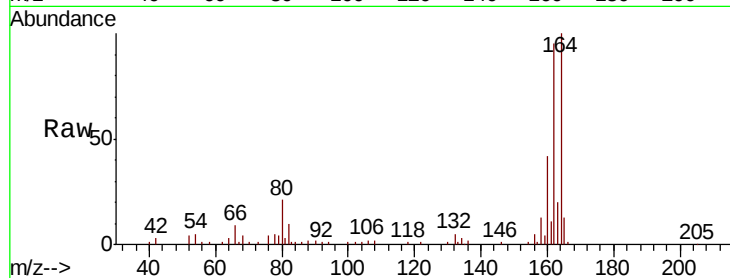




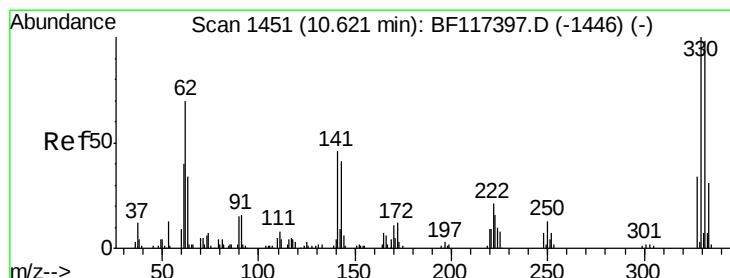
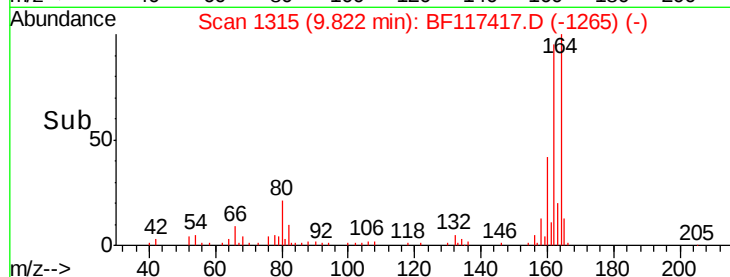
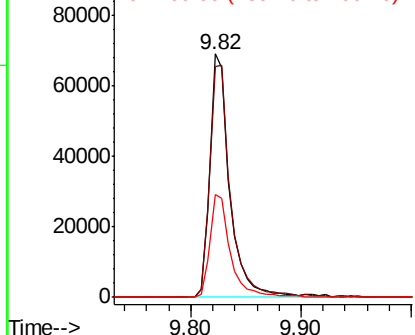
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF117417.D
Acq: 16 Oct 2019 16:53

Instrument :
BNA_F
ClientSampleId :
COMP-31

Tot Ion:164 Resp: 84932
Ion Ratio Lower Upper
164 100
162 94.8 82.4 123.6
160 42.3 35.4 53.0

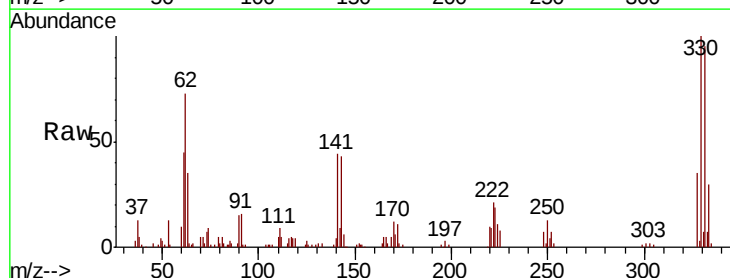


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

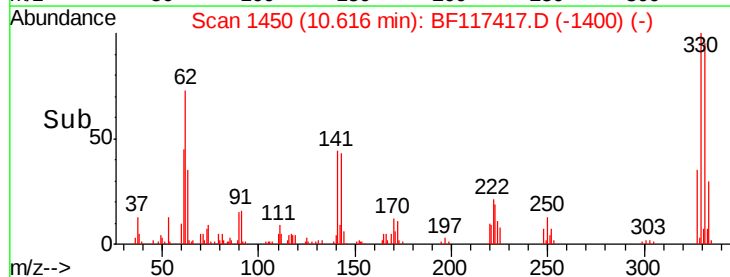
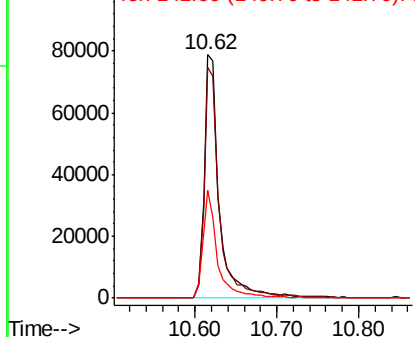


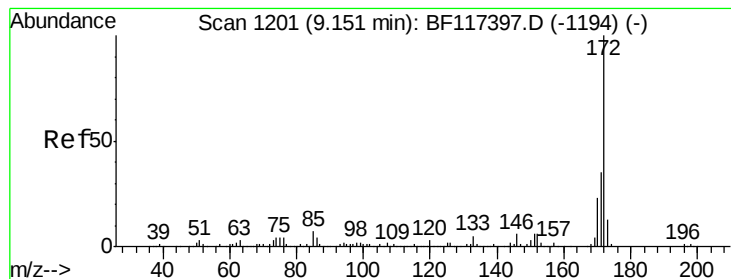
#42
2,4,6-Tribromophenol
Concen: 147.862 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.01 min
Lab File: BF117417.D
Acq: 16 Oct 2019 16:53

Tgt Ion:330 Resp: 102207
Ion Ratio Lower Upper
330 100
332 94.9 75.0 112.6
141 42.7 34.2 51.4



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: 86.466 ng

RT: 9.15 min Scan# 1200

Delta R.T. -0.01 min

Lab File: BF117417.D

Acq: 16 Oct 2019 16:53

Instrument :

BNA_F

ClientSampleId :

COMP-31

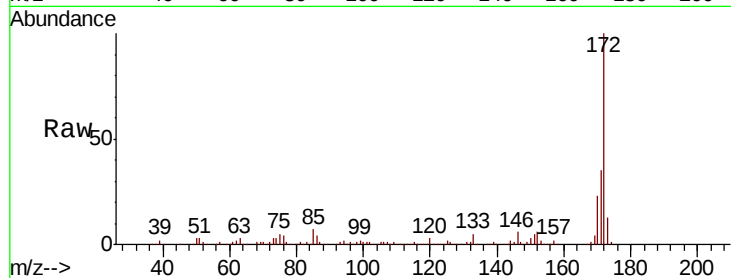
Tot Ion:172 Resp: 503729

Ion Ratio Lower Upper

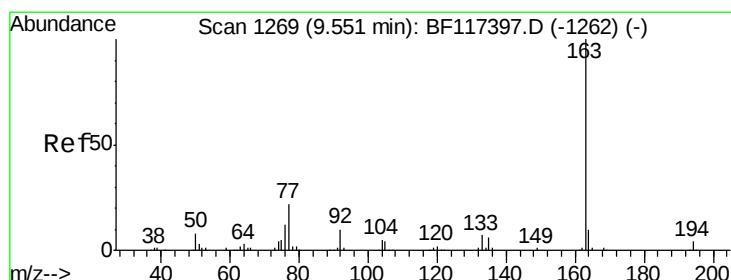
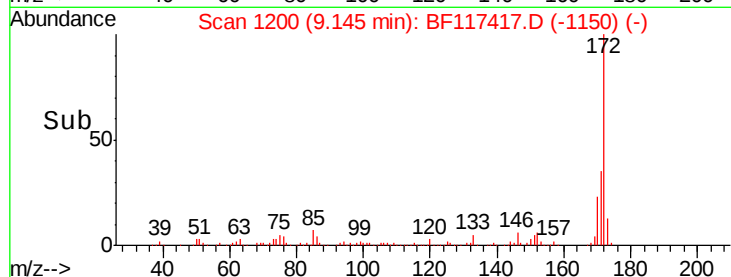
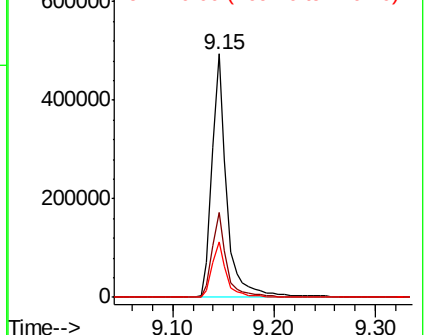
172 100

171 34.9 28.2 42.2

170 22.7 18.2 27.2



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: 4.876 ng

RT: 9.55 min Scan# 1268

Delta R.T. -0.01 min

Lab File: BF117417.D

Acq: 16 Oct 2019 16:53

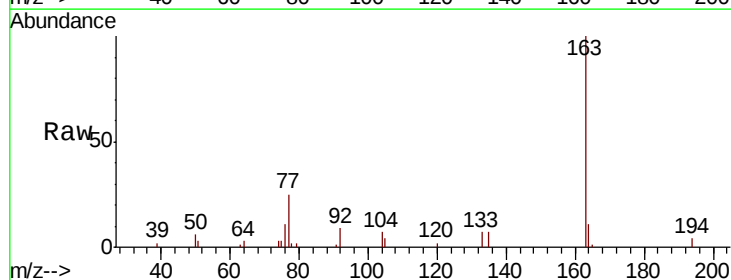
Tgt Ion:163 Resp: 29739

Ion Ratio Lower Upper

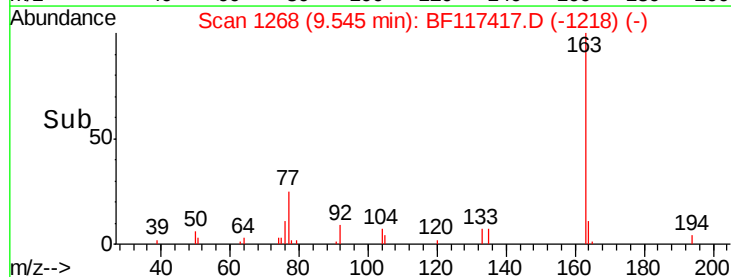
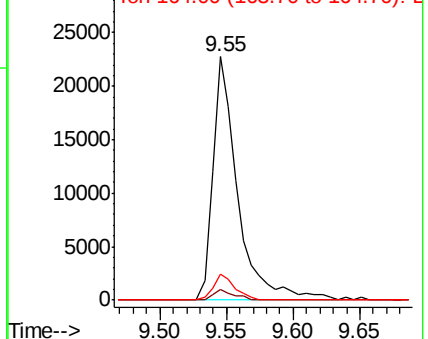
163 100

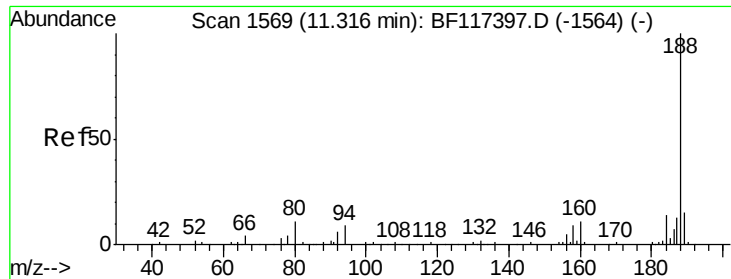
194 4.3 3.1 4.7

164 10.9 8.0 12.0



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: 11.32 min Scan# 1569

Delta R.T. 0.00 min

Lab File: BF117417.D

Acq: 16 Oct 2019 16:53

Instrument :

BNA_F

ClientSampled :

COMP-31

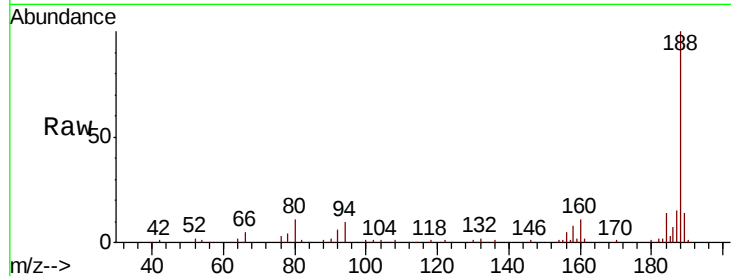
Tot Ion:188 Resp: 147696

Ion Ratio Lower Upper

188 100

94 9.6 7.5 11.3

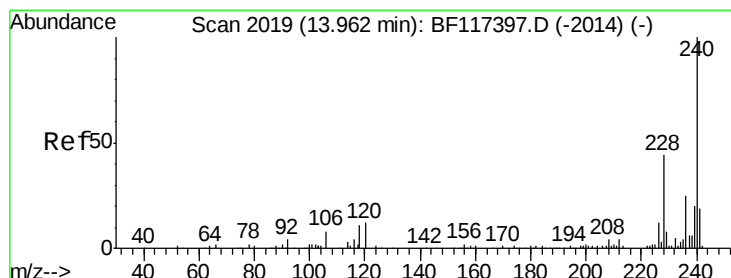
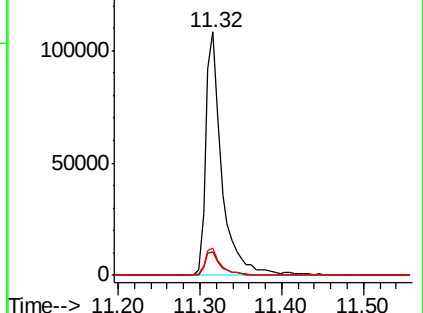
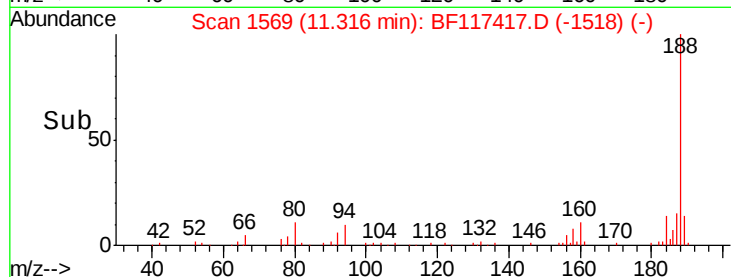
80 11.2 8.7 13.1



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: 13.96 min Scan# 2018

Delta R.T. -0.01 min

Lab File: BF117417.D

Acq: 16 Oct 2019 16:53

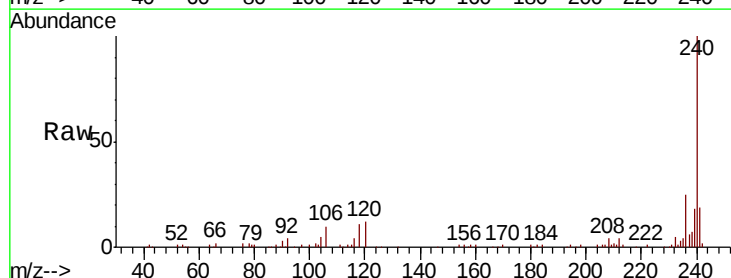
Tgt Ion:240 Resp: 129223

Ion Ratio Lower Upper

240 100

120 12.4 9.4 14.0

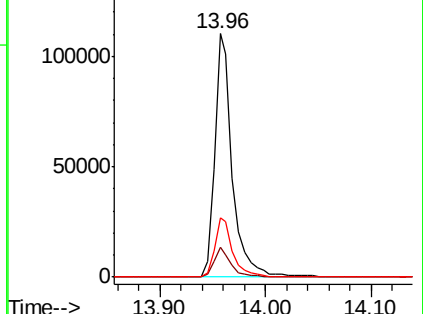
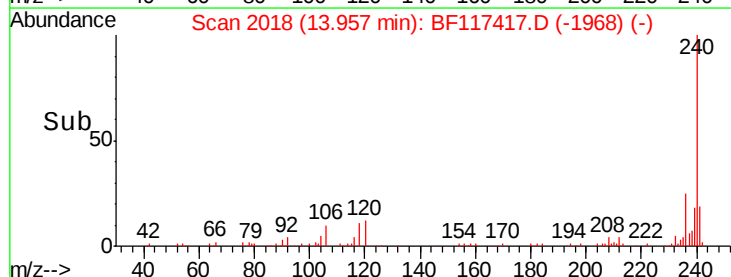
236 24.6 19.8 29.6

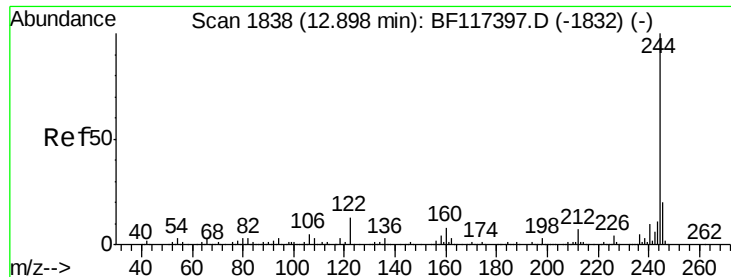


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 74.720 ng

RT: 12.90 min Scan# 1838

Delta R.T. 0.00 min

Lab File: BF117417.D

Acq: 16 Oct 2019 16:53

Instrument :

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COMP-31

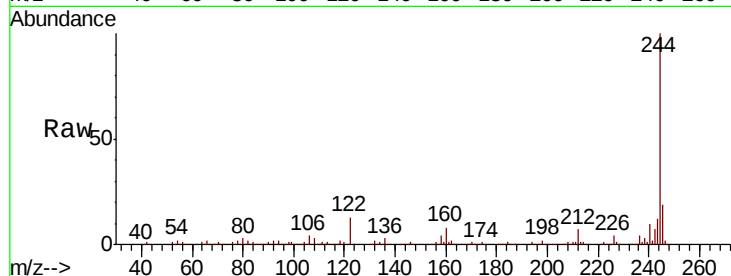
Tot Ion:244 Resp: 592306

Ion Ratio Lower Upper

244 100

212 6.7 5.7 8.5

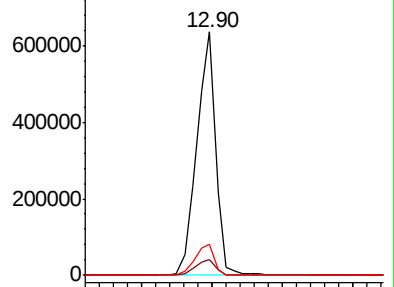
122 12.6 10.7 16.1



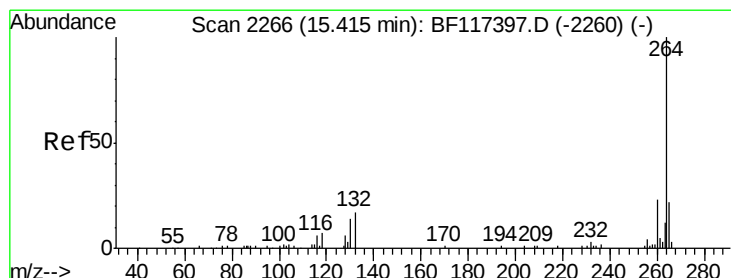
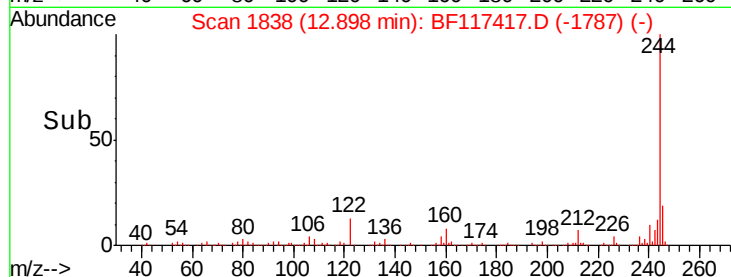
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.42 min Scan# 2266

Delta R.T. 0.00 min

Lab File: BF117417.D

Acq: 16 Oct 2019 16:53

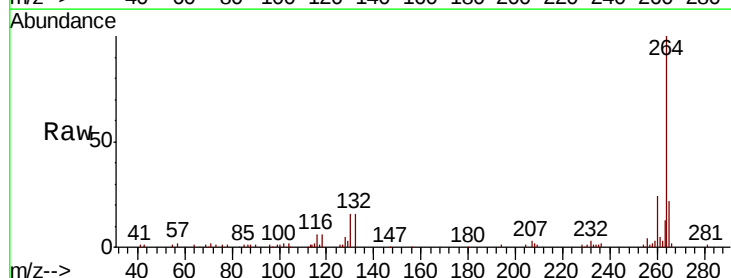
Tgt Ion:264 Resp: 129418

Ion Ratio Lower Upper

264 100

260 23.6 18.6 27.8

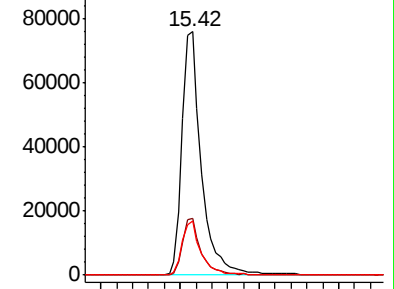
265 22.1 17.4 26.0



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



Time-->

