

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031220\
 Data File : BF119395.D
 Acq On : 12 Mar 2020 22:28
 Operator : CG/JU
 Sample : L1852-08
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-2-S

Quant Time: Mar 13 04:00:26 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 06 23:38:46 2020
 Response via : Initial Calibration

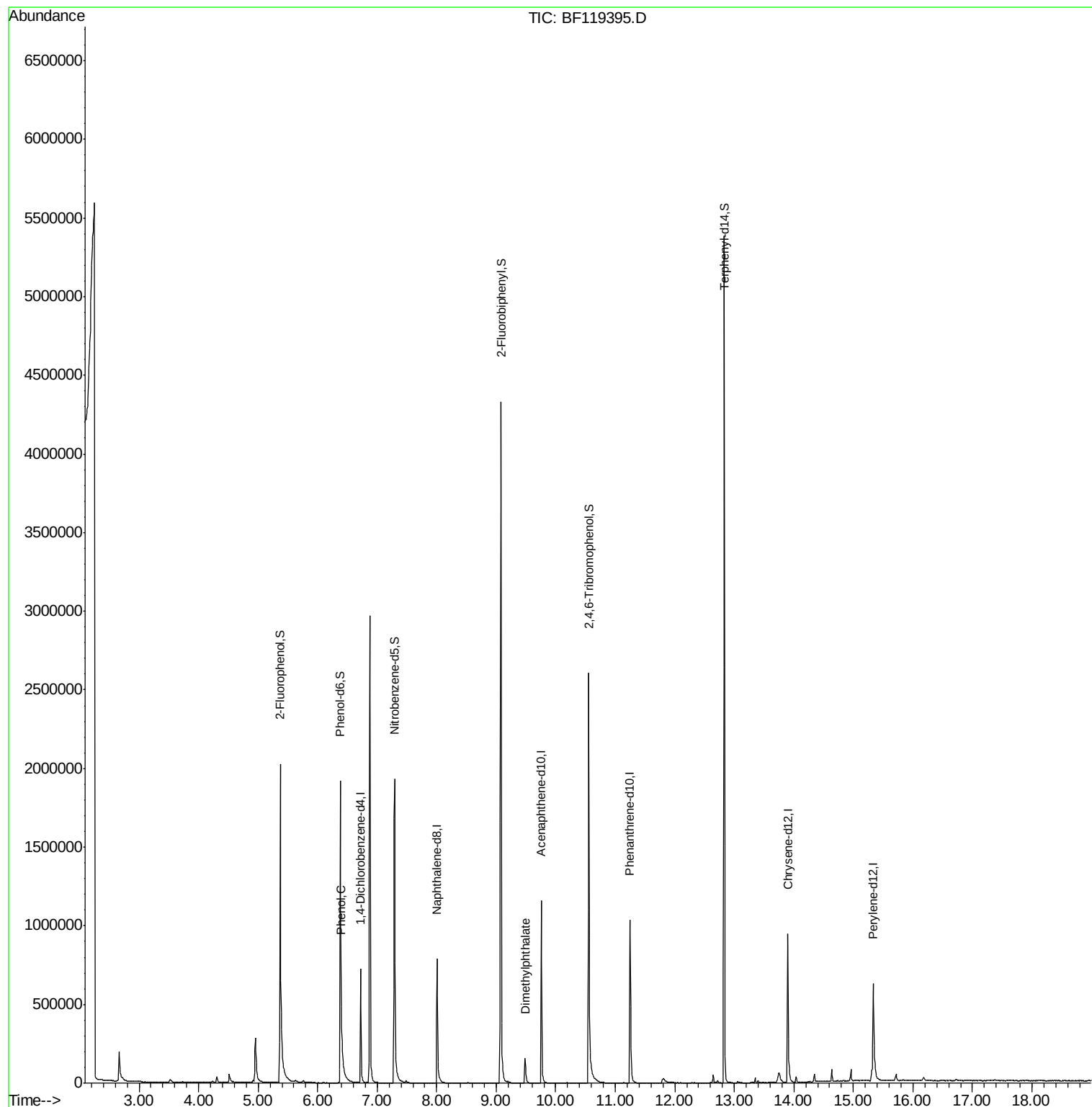
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	119570	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	464898	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	257946	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	516664	20.00	ng	0.00
76) Chrysene-d12	13.90	240	415560	20.00	ng	0.01
87) Perylene-d12	15.33	264	414568	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	884529	123.63	ng	0.02
7) Phenol-d6	6.38	99	963348	110.71	ng	0.00
23) Nitrobenzene-d5	7.29	82	810279	92.03	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	449013	133.07	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	1539948	87.95	ng	0.00
79) Terphenyl-d14	12.83	244	2057266	85.23	ng	0.00
Target Compounds						
10) Phenol	6.40	94	24148	2.567	ng	Qvalue # 63
50) Dimethylphthalate	9.49	163	105261	5.337	ng	99

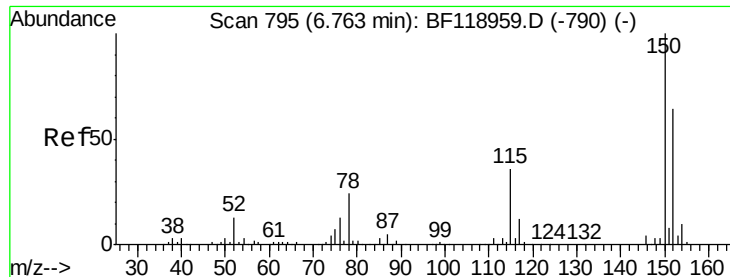
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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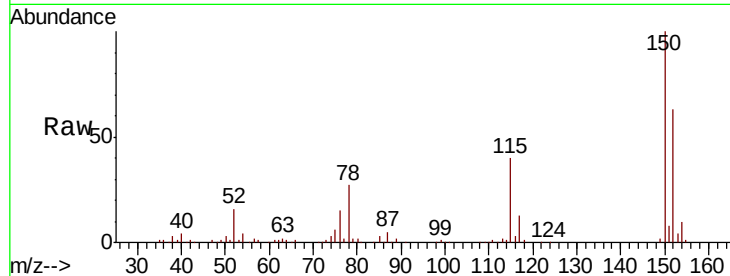


#1

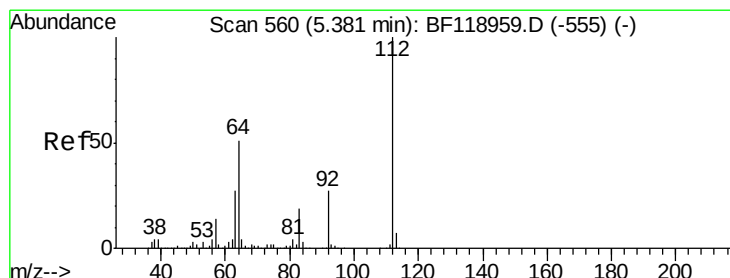
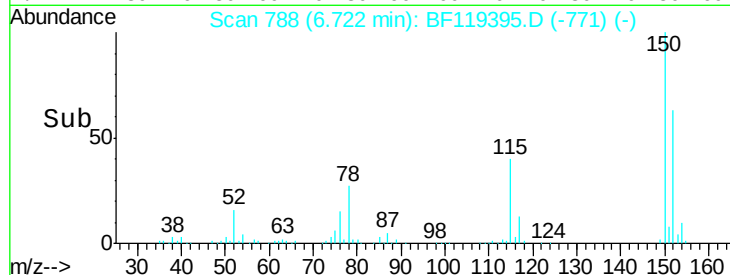
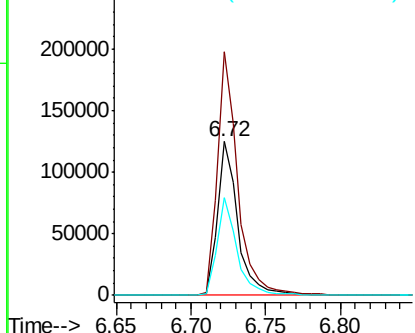
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. 0.00 min
Lab File: BF119395.D
Acq: 12 Mar 2020 22:28

Instrument :
BNA_F
ClientSampleId :
TP-2-S

Tot Ion:152 Resp: 119570
Ion Ratio Lower Upper
152 100
150 158.3 123.0 184.6
115 63.6 49.5 74.3



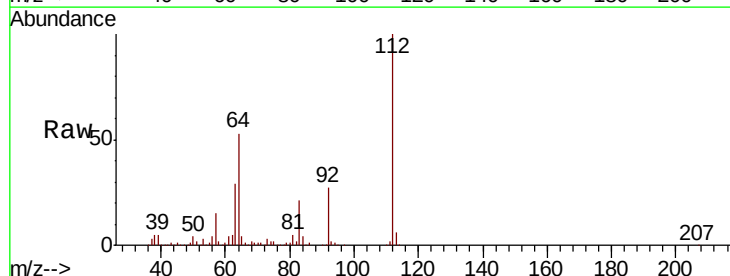
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



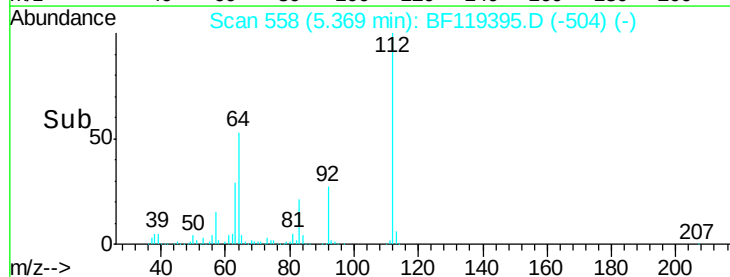
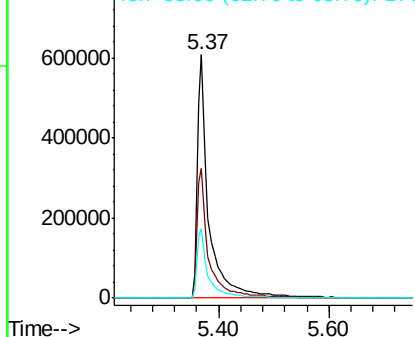
#5

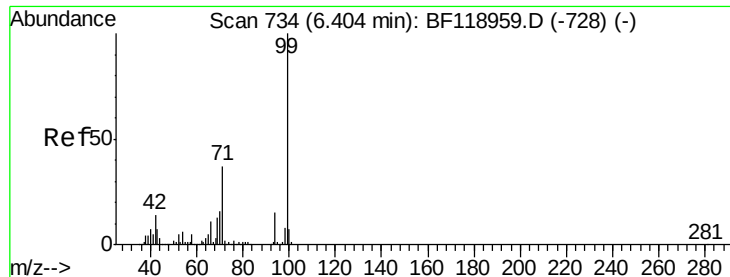
2-Fluorophenol
Concen: 123.627 ng
RT: 5.37 min Scan# 558
Delta R.T. 0.02 min
Lab File: BF119395.D
Acq: 12 Mar 2020 22:28

Tgt Ion:112 Resp: 884529
Ion Ratio Lower Upper
112 100
64 53.4 45.0 67.4
63 28.8 24.2 36.4



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: 110.709 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF119395.D

Acq: 12 Mar 2020 22:28

Instrument :

BNA_F

ClientSampleId :

TP-2-S

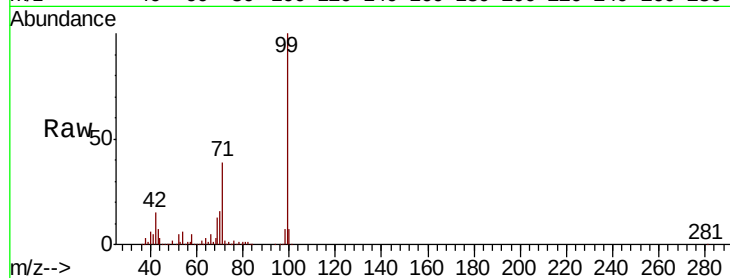
Tot Ion: 99 Resp: 963348

Ion Ratio Lower Upper

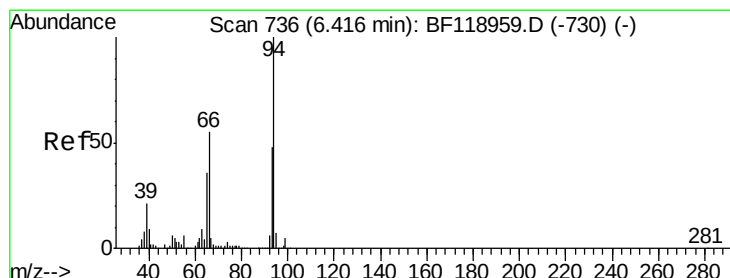
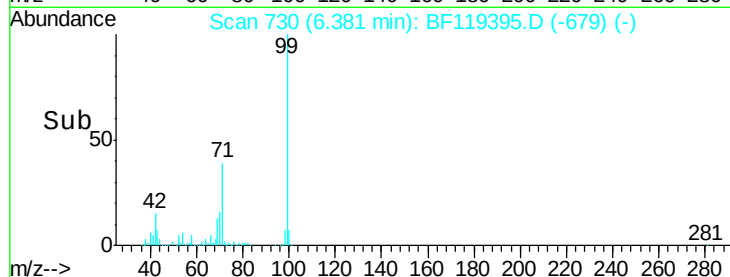
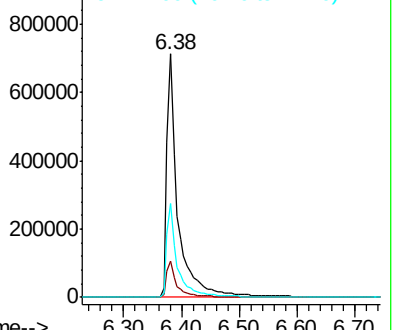
99 100

42 14.7 12.6 18.8

71 38.7 31.0 46.4



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: 2.567 ng

RT: 6.40 min Scan# 733

Delta R.T. 0.01 min

Lab File: BF119395.D

Acq: 12 Mar 2020 22:28

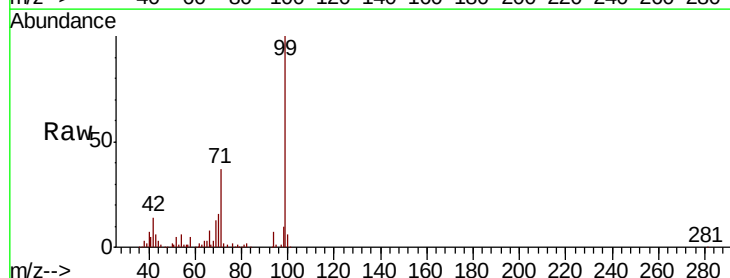
Tgt Ion: 94 Resp: 24148

Ion Ratio Lower Upper

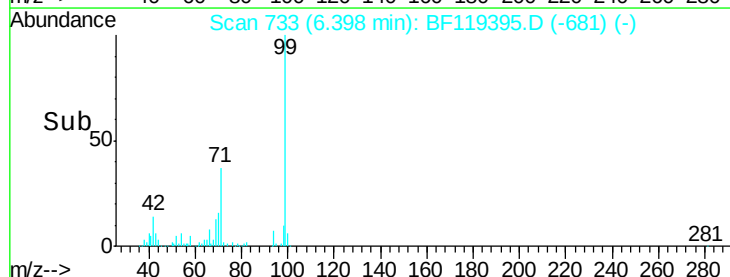
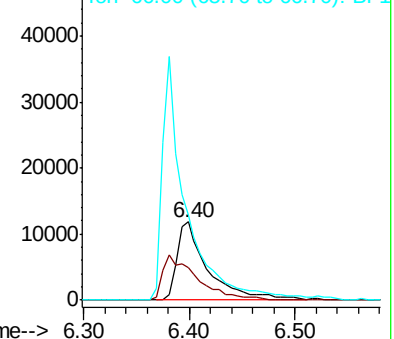
94 100

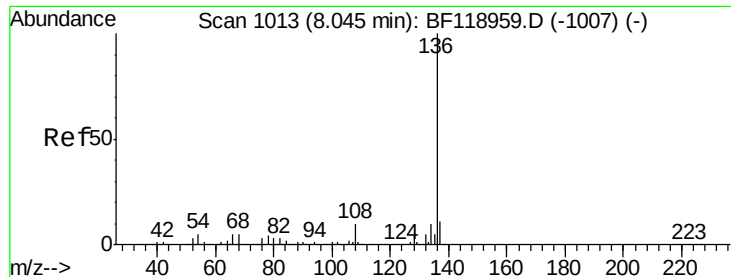
65 41.6 19.2 59.2

66 109.0 44.4 84.4#



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

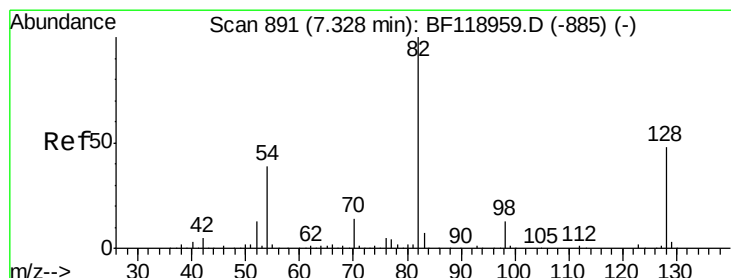
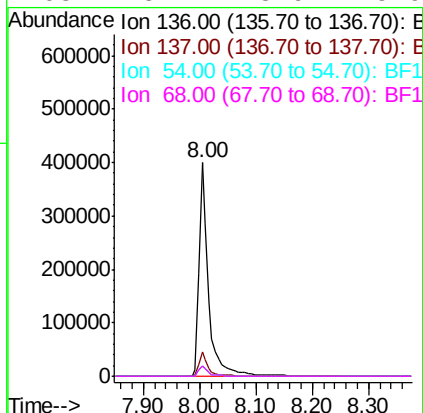
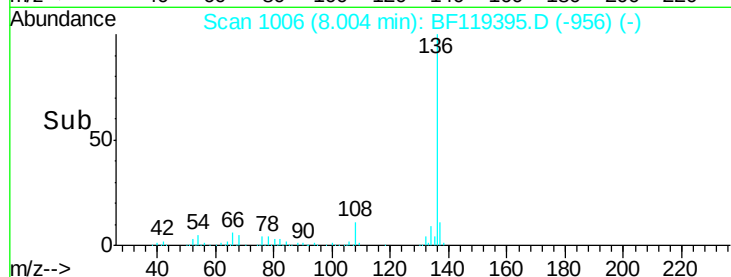
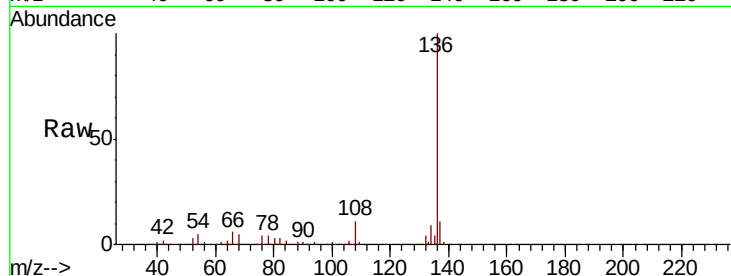




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF119395.D
Acq: 12 Mar 2020 22:28

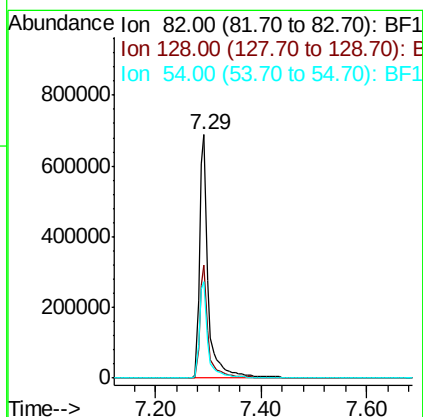
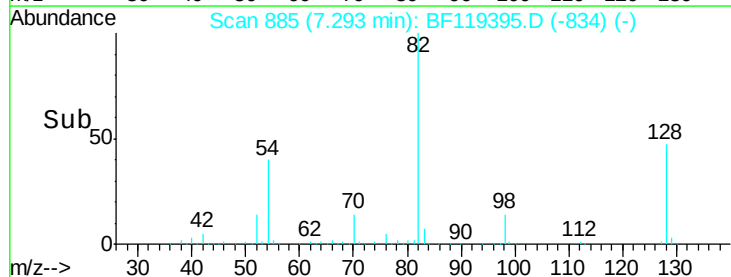
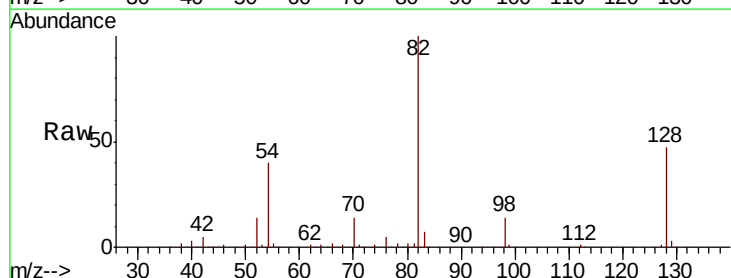
Instrument :
BNA_F
ClientSampleId :
TP-2-S

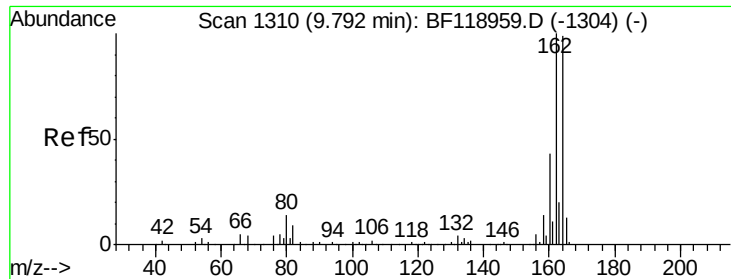
Tot Ion:136	Resp:	464898
Ion Ratio	Lower	Upper
136	100	
137	11.3	8.8 13.2
54	5.1	3.8 5.6
68	5.1	3.9 5.9



#23
Nitrobenzene-d5
Concen: 92.026 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.00 min
Lab File: BF119395.D
Acq: 12 Mar 2020 22:28

Tgt Ion: 82	Resp:	810279
Ion Ratio	Lower	Upper
82	100	
128	46.5	37.9 56.9
54	39.7	33.4 50.2

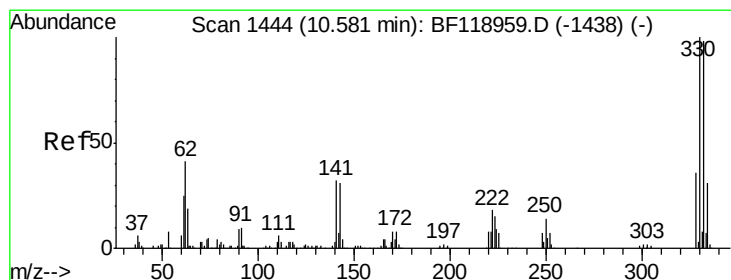
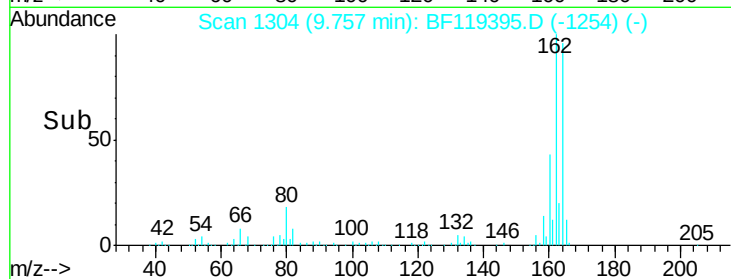
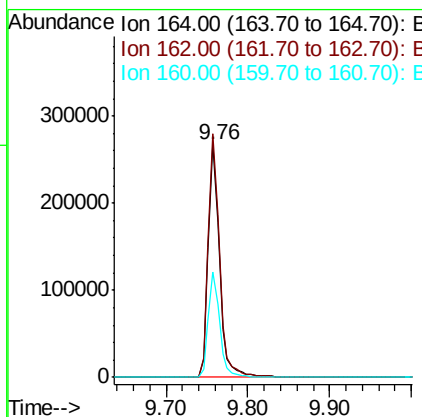
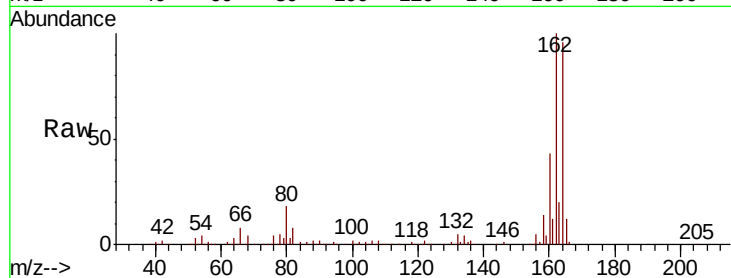




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.01 min
 Lab File: BF119395.D
 Acq: 12 Mar 2020 22:28

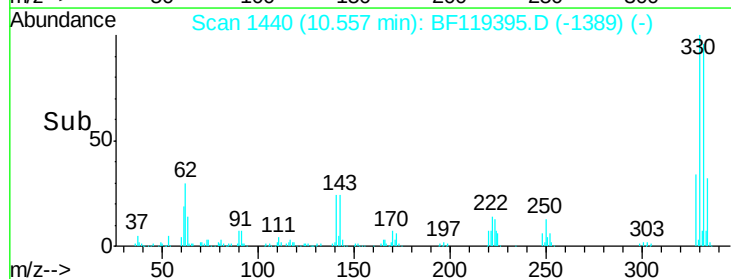
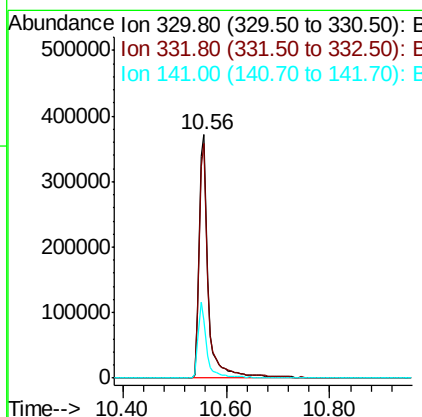
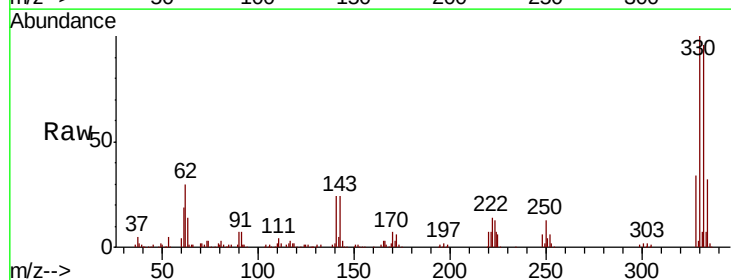
Instrument :
 BNA_F
 ClientSampleId :
 TP-2-S

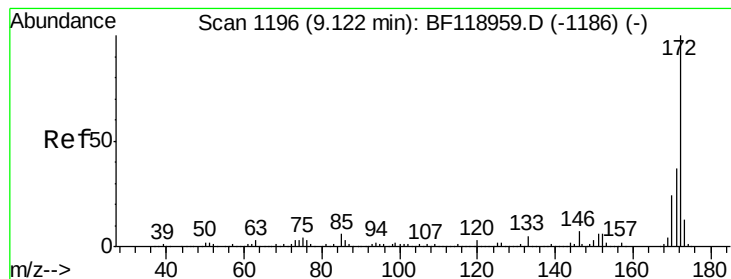
Tot Ion:164 Resp: 257946
 Ion Ratio Lower Upper
 164 100
 162 104.3 81.8 122.8
 160 45.0 36.0 54.0



#42
 2,4,6-Tribromophenol
 Concen: 133.066 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: BF119395.D
 Acq: 12 Mar 2020 22:28

Tgt Ion:330 Resp: 449013
 Ion Ratio Lower Upper
 330 100
 332 95.7 76.0 114.0
 141 30.3 22.9 34.3





#45

2-Fluorobiphenyl

Concen: 87.949 ng

RT: 9.08 min Scan# 1189

Delta R.T. -0.01 min

Lab File: BF119395.D

Acq: 12 Mar 2020 22:28

Instrument :

BNA_F

ClientSampleId :

TP-2-S

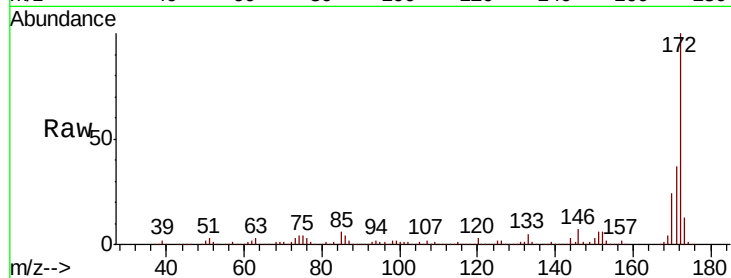
Tot Ion:172 Resp: 1539948

Ion Ratio Lower Upper

172 100

171 36.6 30.6 45.8

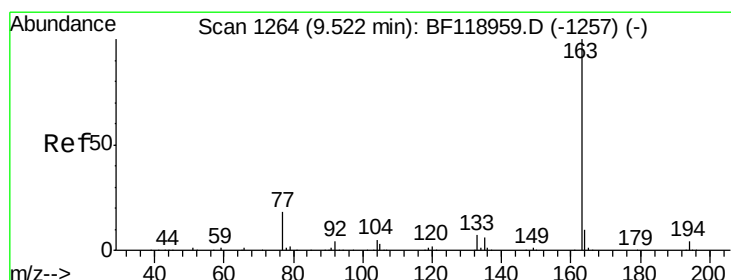
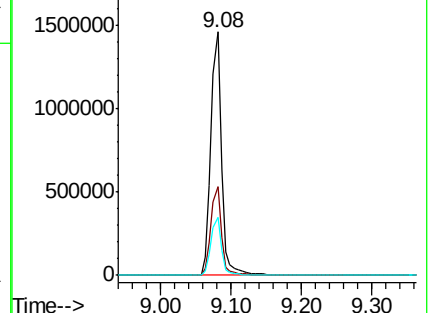
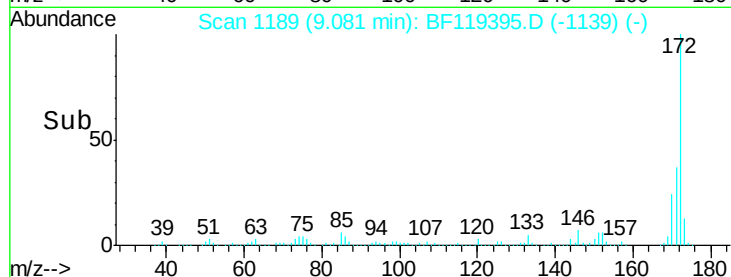
170 24.0 20.2 30.2



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: 5.337 ng

RT: 9.49 min Scan# 1258

Delta R.T. 0.00 min

Lab File: BF119395.D

Acq: 12 Mar 2020 22:28

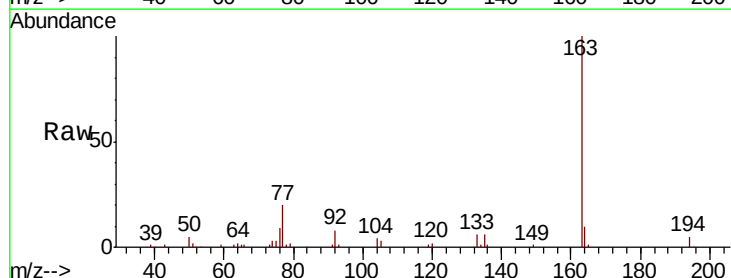
Tgt Ion:163 Resp: 105261

Ion Ratio Lower Upper

163 100

194 4.7 3.5 5.3

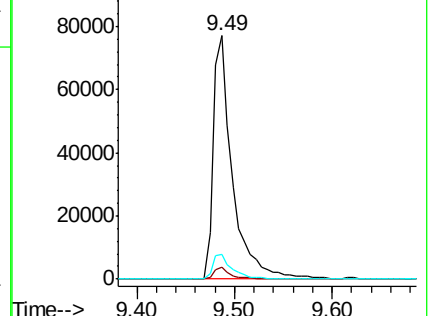
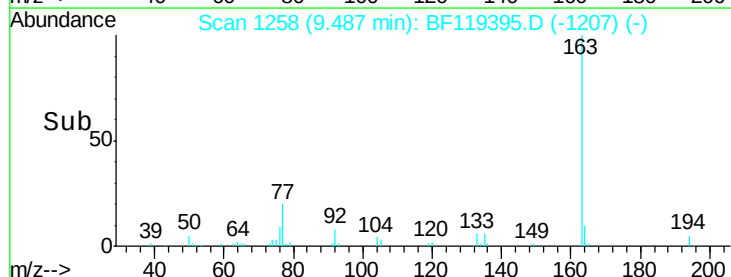
164 10.1 8.4 12.6

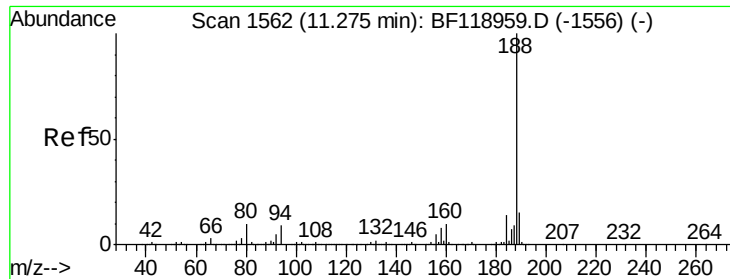


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

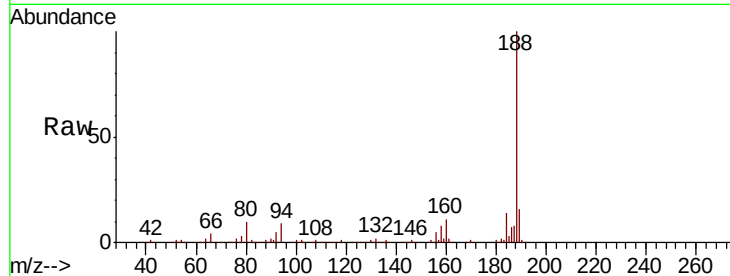




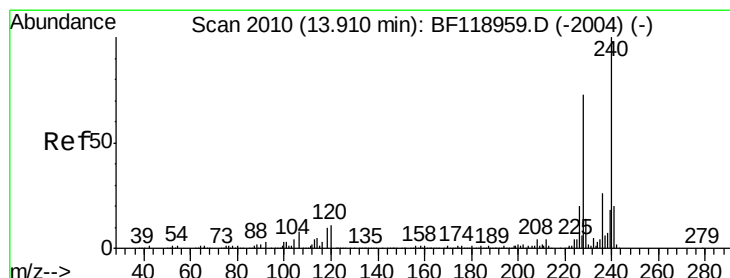
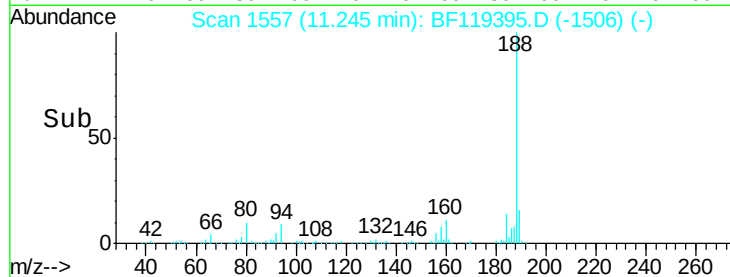
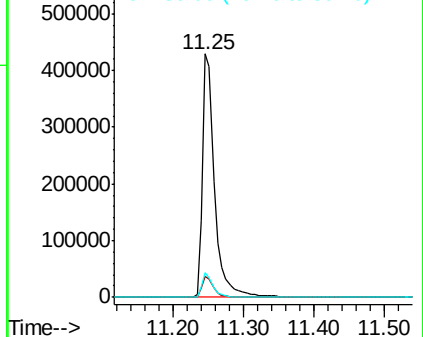
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1557
Delta R.T. 0.00 min
Lab File: BF119395.D
Acq: 12 Mar 2020 22:28

Instrument :
BNA_F
ClientSampleId :
TP-2-S

Tot Ion:188 Resp: 516664
Ion Ratio Lower Upper
188 100
94 8.8 7.1 10.7
80 10.4 7.8 11.8

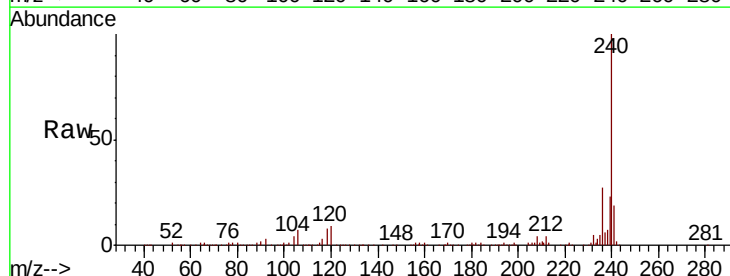


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

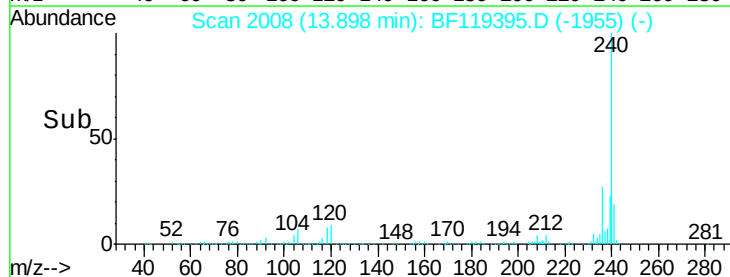
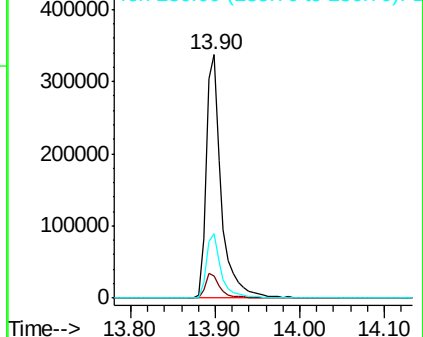


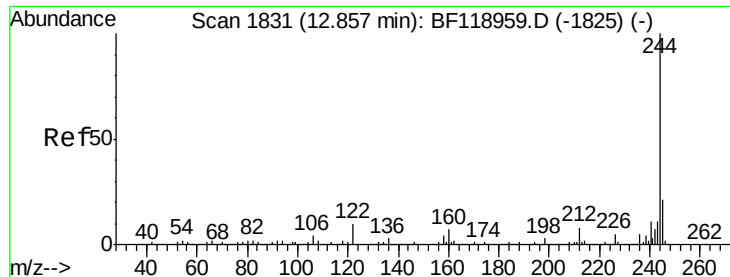
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.90 min Scan# 2008
Delta R.T. 0.01 min
Lab File: BF119395.D
Acq: 12 Mar 2020 22:28

Tgt Ion:240 Resp: 415560
Ion Ratio Lower Upper
240 100
120 9.0 8.4 12.6
236 26.7 21.0 31.4



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: 85.233 ng

RT: 12.83 min Scan# 1827

Delta R.T. 0.01 min

Lab File: BF119395.D

Acq: 12 Mar 2020 22:28

Instrument :

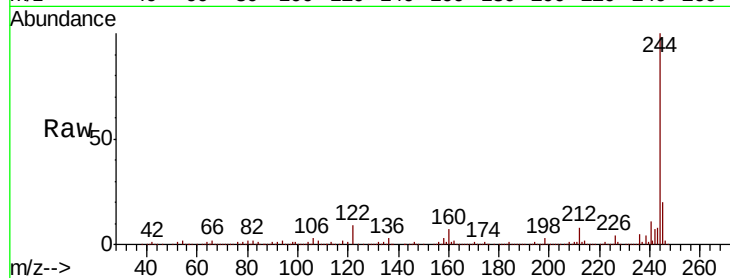
BNA_F

ClientSampled :

TP-2-S

Tot Ion:244 Resp: 2057266

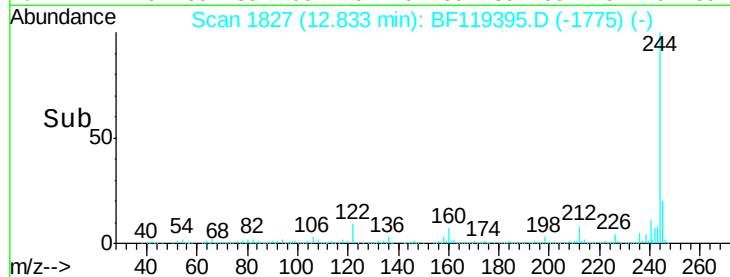
Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.6	10.0
122	9.0	8.2	12.2



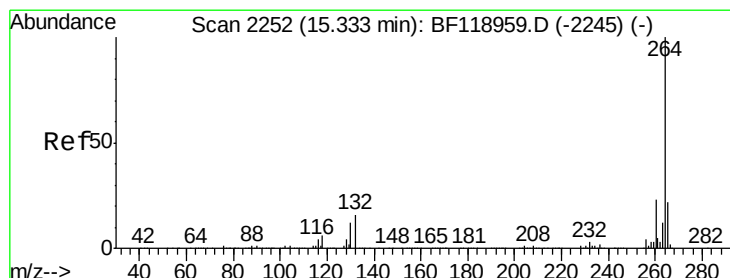
Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.33 min Scan# 2252

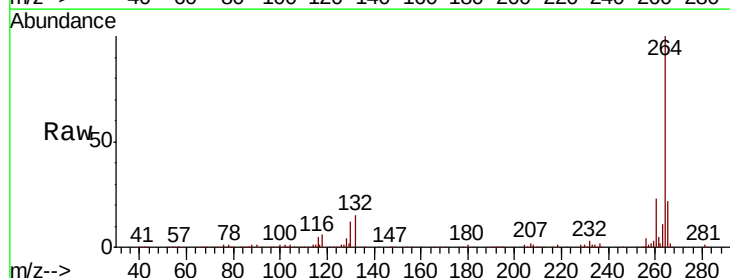
Delta R.T. 0.02 min

Lab File: BF119395.D

Acq: 12 Mar 2020 22:28

Tgt Ion:264 Resp: 414568

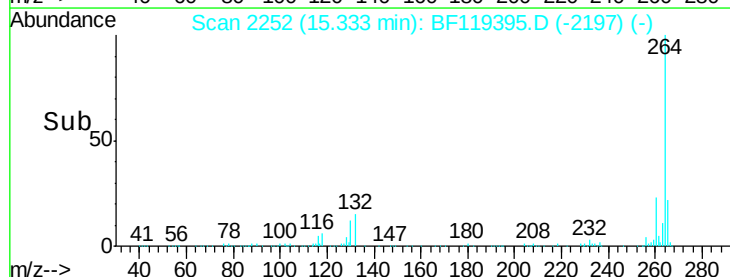
Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.4	29.2
265	21.8	17.7	26.5



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-->