

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031119\
 Data File : BF112970.D
 Acq On : 11 Mar 2019 22:22
 Operator : JU/SJ
 Sample : K1691-07 2X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-030819-D

Quant Time: Mar 12 05:50:51 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 01 15:40:43 2019
 Response via : Initial Calibration

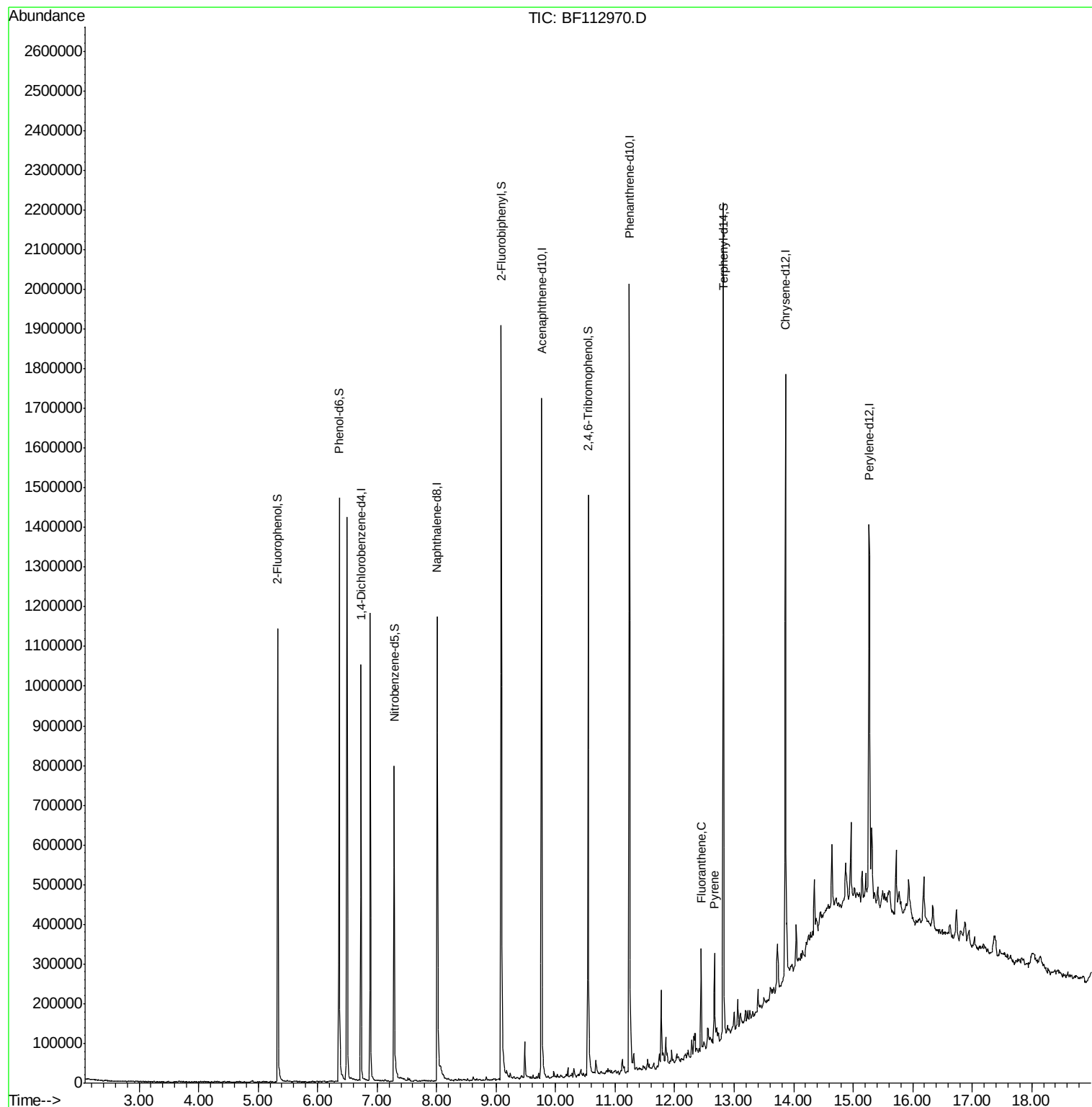
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	148380	20.00	ng	-0.01
21) Naphthalene-d8	8.01	136	560449	20.00	ng	-0.01
39) Acenaphthene-d10	9.76	164	354079	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	756828	20.00	ng	0.00
76) Chrysene-d12	13.86	240	541056	20.00	ng	-0.01
87) Perylene-d12	15.27	264	484563	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	356332	37.36	ng	-0.01
7) Phenol-d6	6.36	99	492067	41.07	ng	0.00
23) Nitrobenzene-d5	7.29	82	277872	29.67	ng	-0.02
42) 2,4,6-Tribromophenol	10.55	330	204653	54.44	ng	-0.01
45) 2-Fluorobiphenyl	9.09	172	659700	25.24	ng	-0.01
79) Terphenyl-d14	12.82	244	795376	28.50	ng	-0.01
Target Compounds						Qvalue
75) Fluoranthene	12.44	202	108226	2.683	ng	95
78) Pyrene	12.67	202	102463	2.246	ng	97

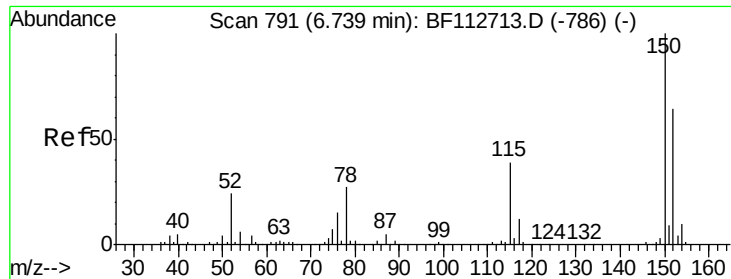
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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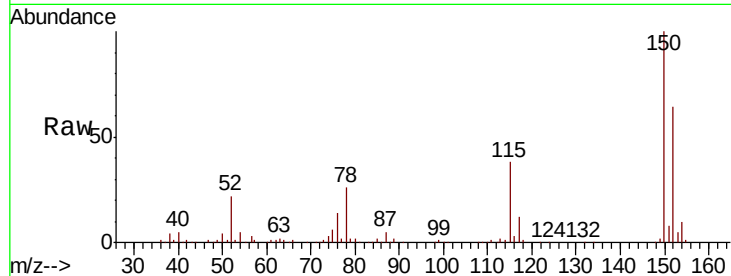


#1

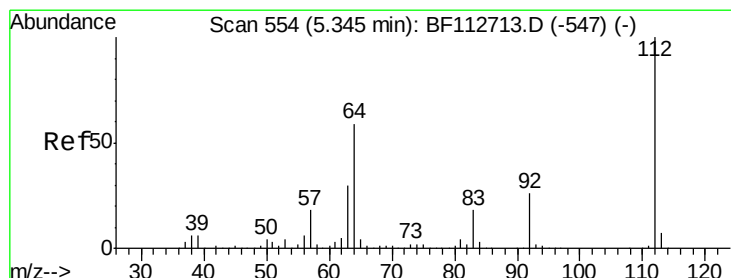
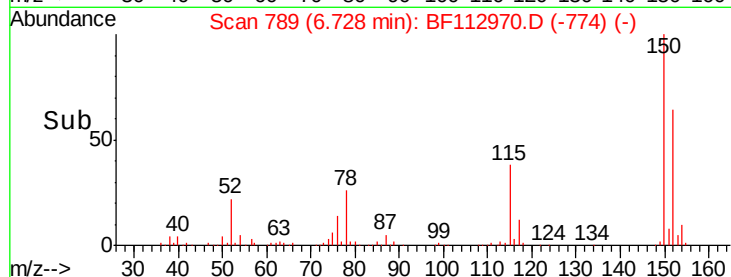
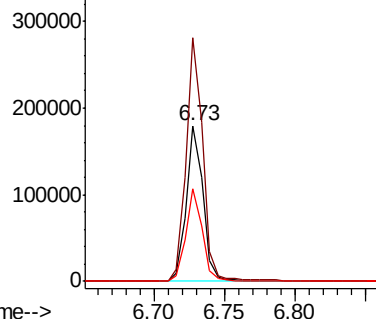
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.73 min Scan# 789
 Delta R.T. -0.01 min
 Lab File: BF112970.D
 Acq: 11 Mar 2019 22:22

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-030819-D

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.2	124.2	186.2
115	59.4	48.2	72.4



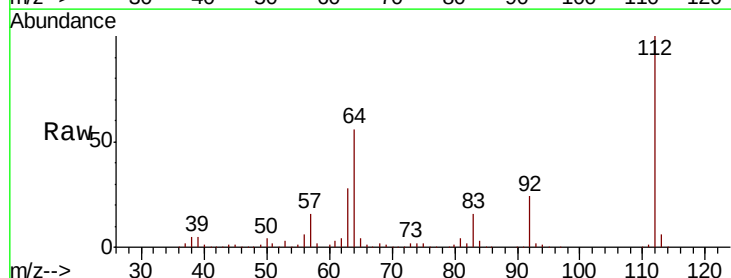
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



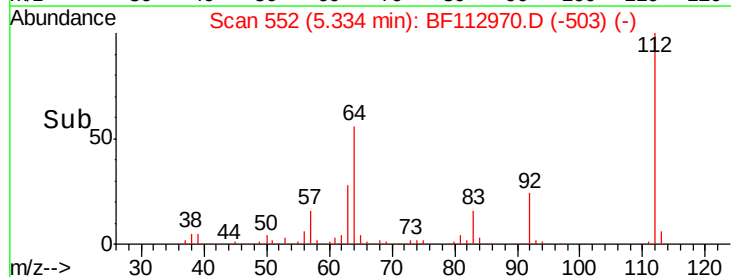
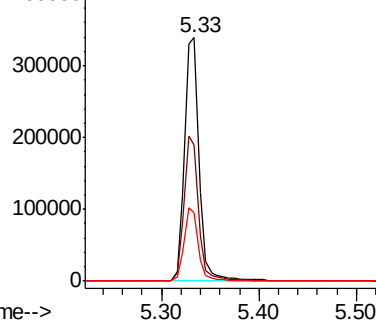
#5

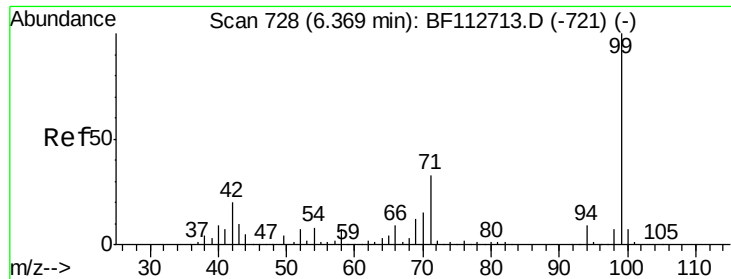
2-Fluorophenol
 Concen: 37.356 ng
 RT: 5.33 min Scan# 552
 Delta R.T. -0.01 min
 Lab File: BF112970.D
 Acq: 11 Mar 2019 22:22

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.0	47.6	71.4
63	27.8	24.4	36.6



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: 41.066 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF112970.D

Acq: 11 Mar 2019 22:22

Instrument :

BNA_F

ClientSampleId :

CL-02-030819-D

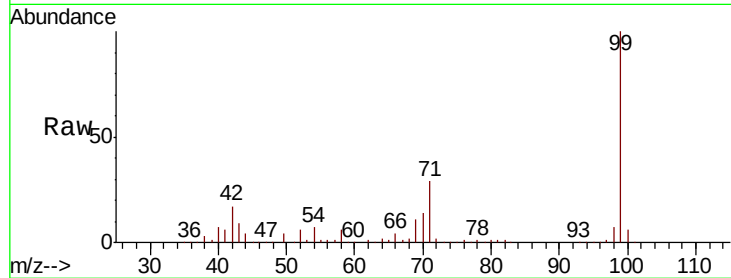
Tot Ion: 99 Resp: 492067

Ion Ratio Lower Upper

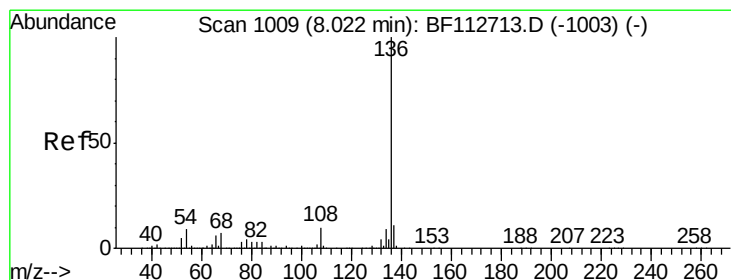
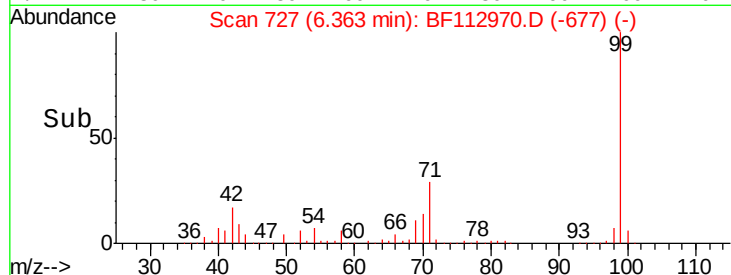
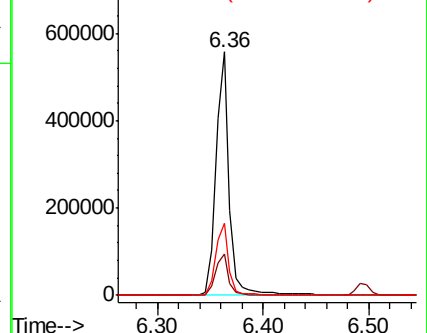
99 100

42 16.9 16.3 24.5

71 29.5 26.2 39.4



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.01 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF112970.D

Acq: 11 Mar 2019 22:22

Tgt Ion: 136 Resp: 560449

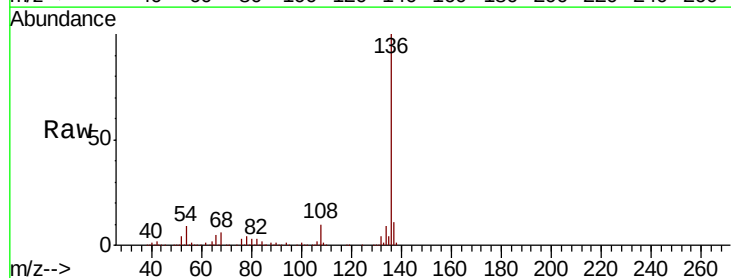
Ion Ratio Lower Upper

136 100

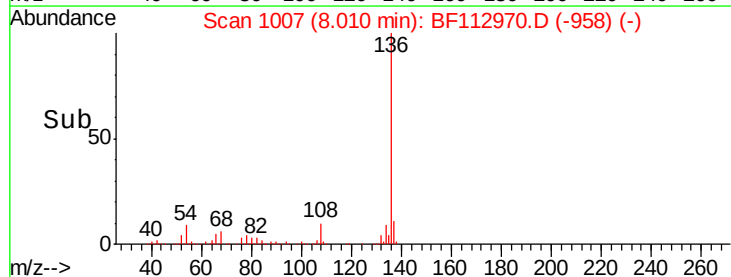
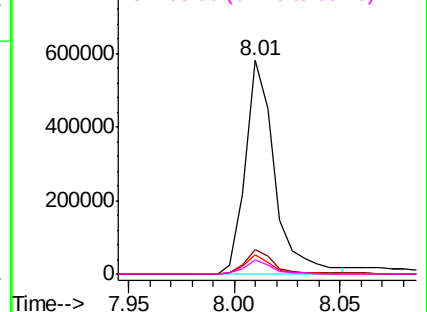
137 11.3 8.9 13.3

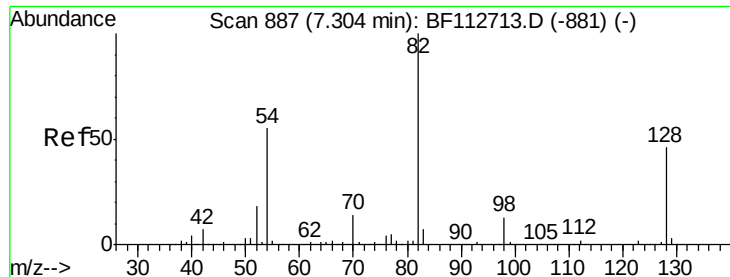
54 8.7 7.3 10.9

68 6.5 5.4 8.2



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

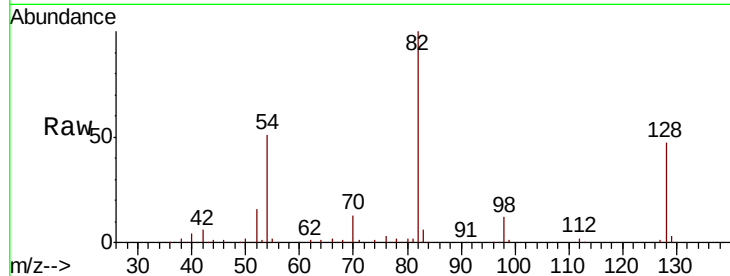




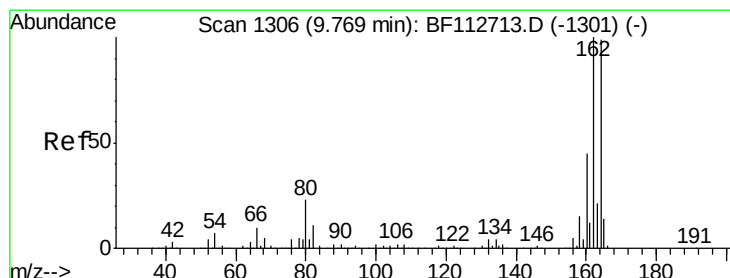
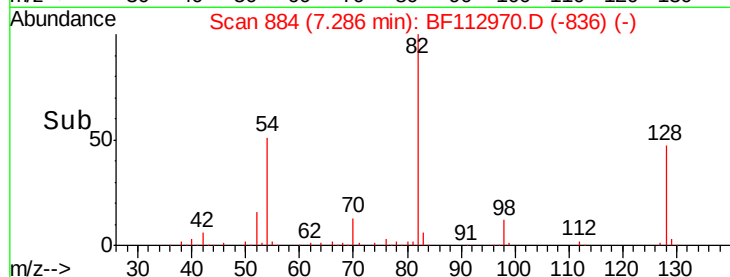
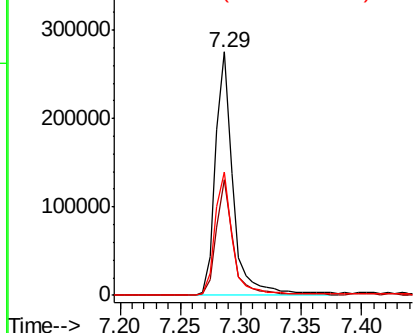
#23
Nitrobenzene-d5
Concen: 29.668 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.02 min
Lab File: BF112970.D
Acq: 11 Mar 2019 22:22

Instrument :
BNA_F
ClientSampled :
CL-02-030819-D

Tot Ion: 82 Resp: 277872
Ion Ratio Lower Upper
82 100
128 47.3 36.3 54.5
54 50.6 43.7 65.5

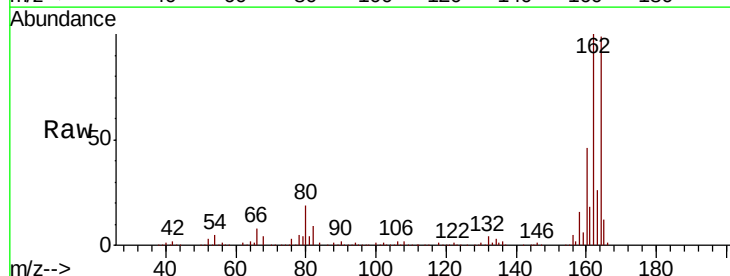


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

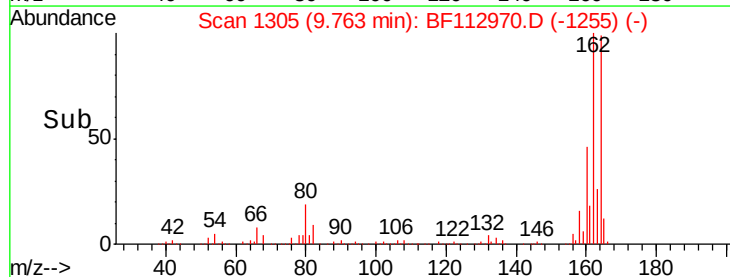
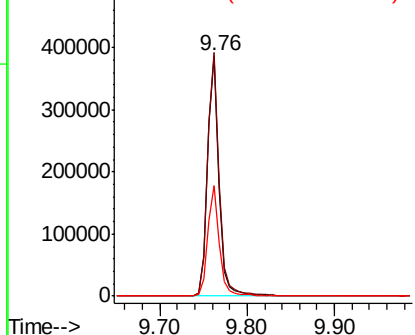


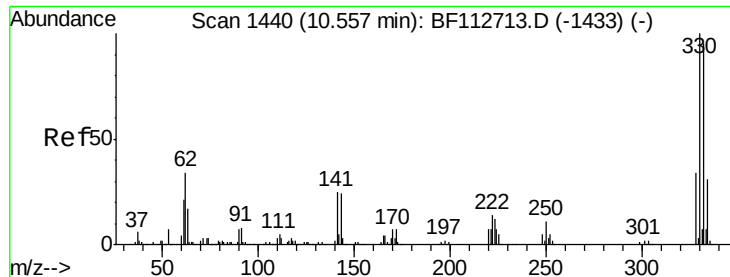
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF112970.D
Acq: 11 Mar 2019 22:22

Tgt Ion: 164 Resp: 354079
Ion Ratio Lower Upper
164 100
162 101.4 80.6 120.8
160 46.3 36.0 54.0



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

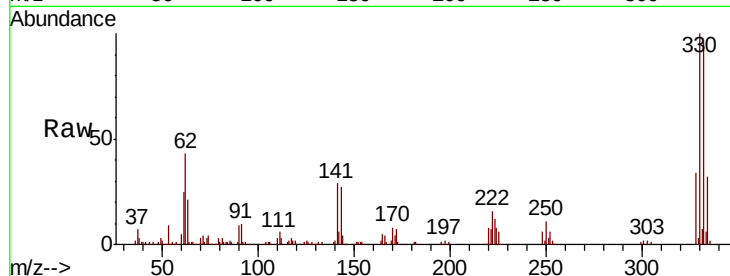




#42
 2,4,6-Tribromophenol
 Concen: 54.444 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF112970.D
 Acq: 11 Mar 2019 22:22

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-030819-D

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	76.2	114.4
141	28.9	27.0	40.6

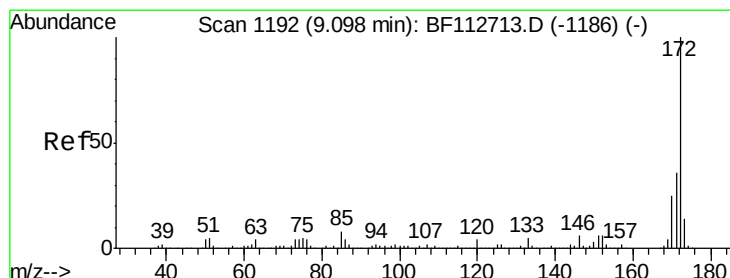
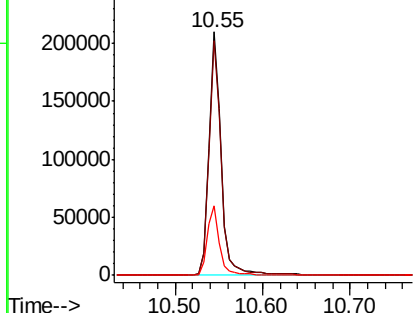
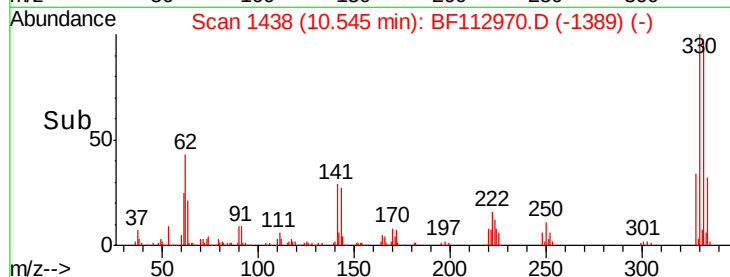


Abundance

Ion 329.80 (329.50 to 330.50): E

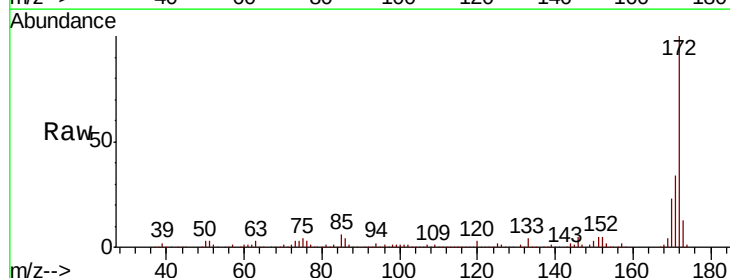
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 25.238 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF112970.D
 Acq: 11 Mar 2019 22:22

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.5	29.0	43.4
170	23.5	20.0	30.0

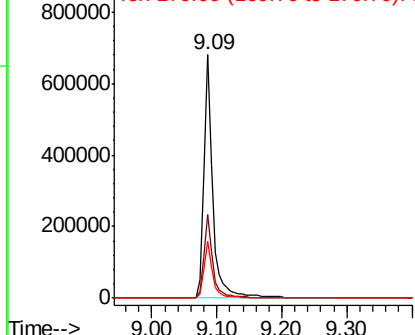
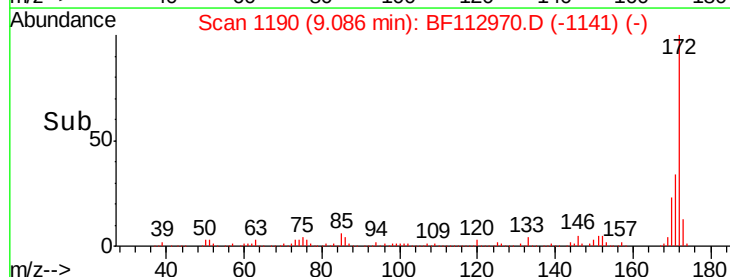


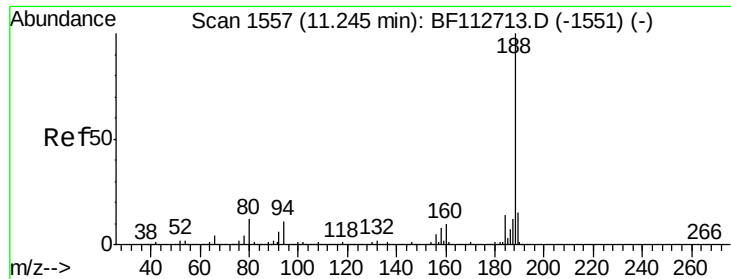
Abundance

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

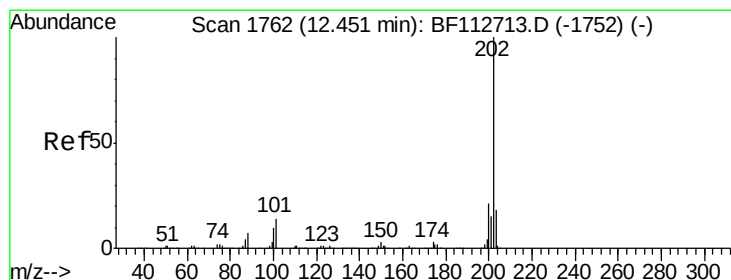
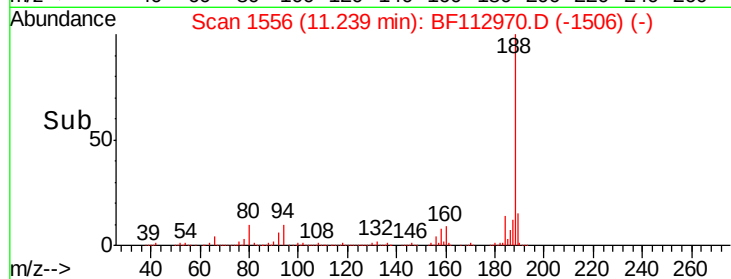
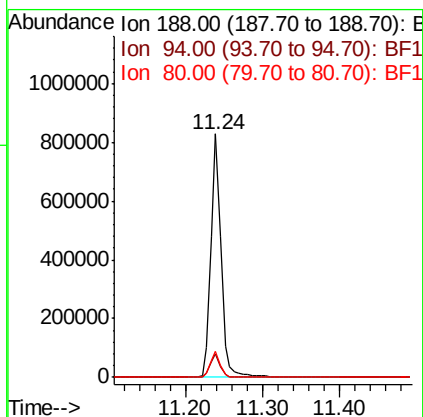
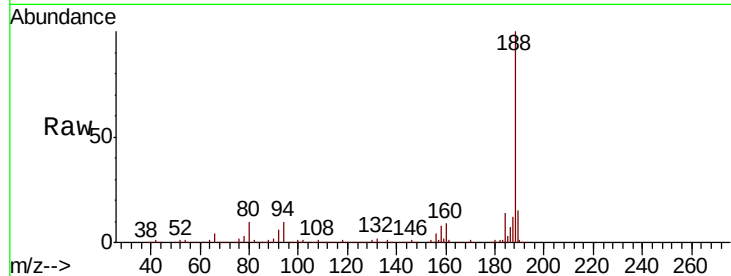




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF112970.D
Acq: 11 Mar 2019 22:22

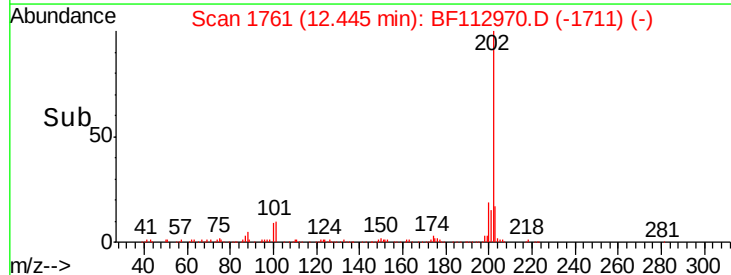
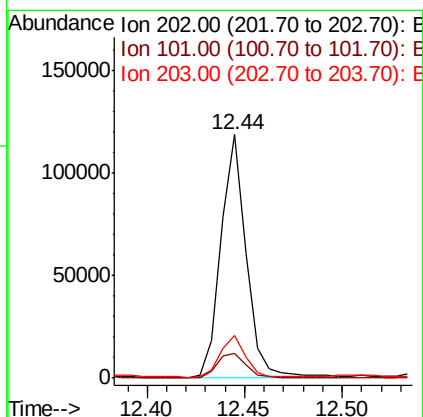
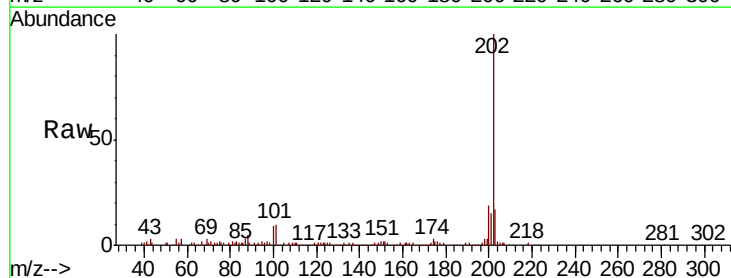
Instrument :
BNA_F
ClientSampleId :
CL-02-030819-D

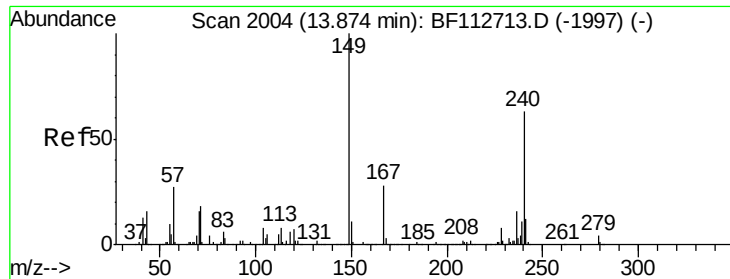
Tot Ion:188 Resp: 756828
Ion Ratio Lower Upper
188 100
94 9.7 9.0 13.4
80 10.5 9.2 13.8



#75
Fluoranthene
Concen: 2.683 ng
RT: 12.44 min Scan# 1761
Delta R.T. -0.01 min
Lab File: BF112970.D
Acq: 11 Mar 2019 22:22

Tgt Ion:202 Resp: 108226
Ion Ratio Lower Upper
202 100
101 10.2 0.0 33.8
203 17.3 0.0 38.4

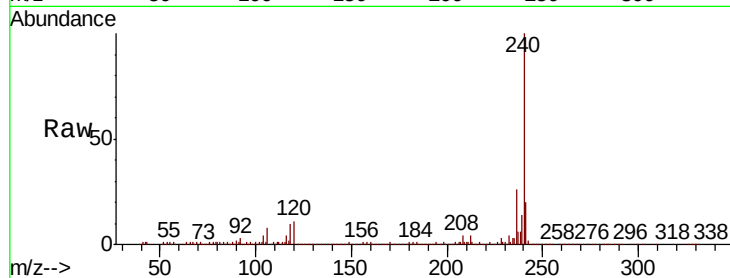




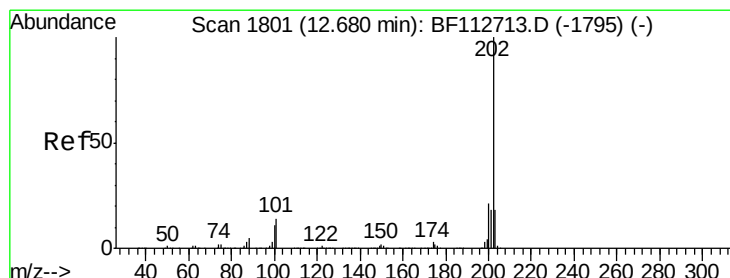
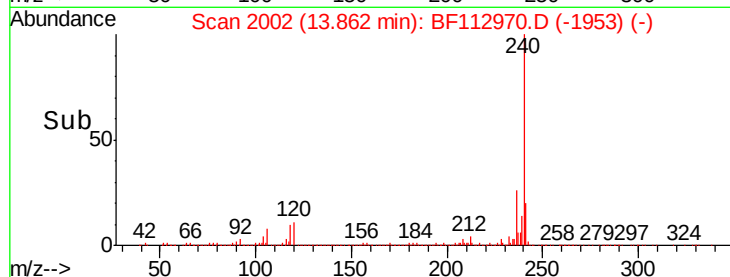
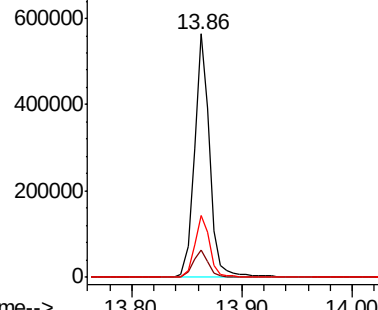
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF112970.D
Acq: 11 Mar 2019 22:22

Instrument :
BNA_F
ClientSampleId :
CL-02-030819-D

Tot Ion:240 Resp: 541056
Ion Ratio Lower Upper
240 100
120 11.3 8.9 13.3
236 25.7 20.7 31.1

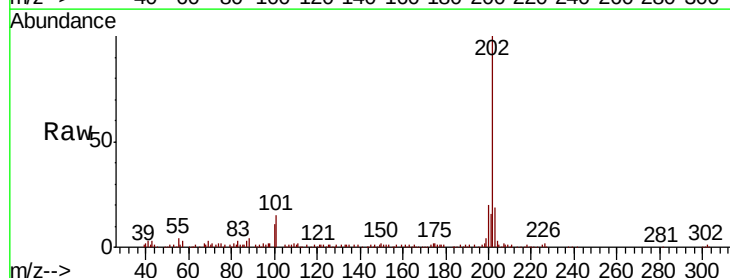


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

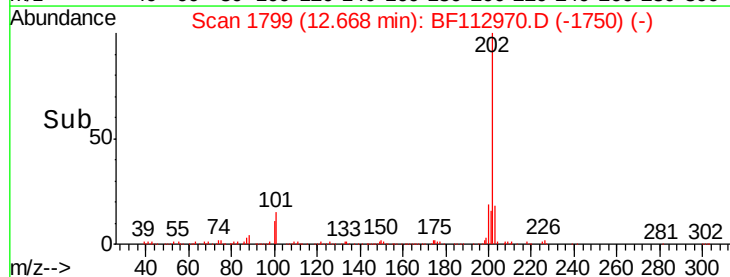
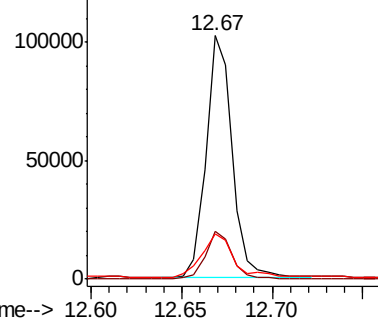


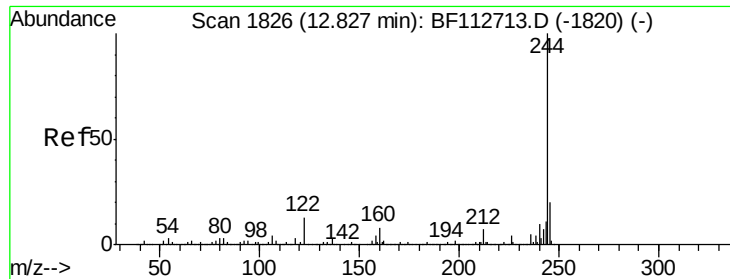
#78
Pyrene
Concen: 2.246 ng
RT: 12.67 min Scan# 1799
Delta R.T. -0.01 min
Lab File: BF112970.D
Acq: 11 Mar 2019 22:22

Tgt Ion:202 Resp: 102463
Ion Ratio Lower Upper
202 100
200 19.6 17.0 25.4
203 18.7 14.4 21.6



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 28.497 ng

RT: 12.82 min Scan# 1824

Delta R.T. -0.01 min

Lab File: BF112970.D

Acq: 11 Mar 2019 22:22

Instrument :

BNA_F

ClientSampleId :

CL-02-030819-D

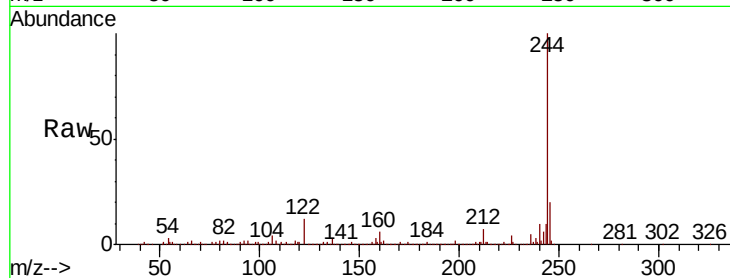
Tot Ion:244 Resp: 795376

Ion Ratio Lower Upper

244 100

212 6.6 5.6 8.4

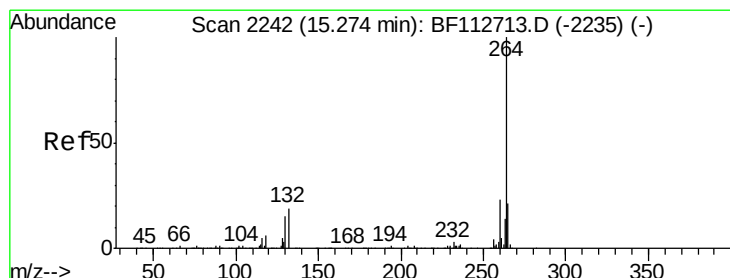
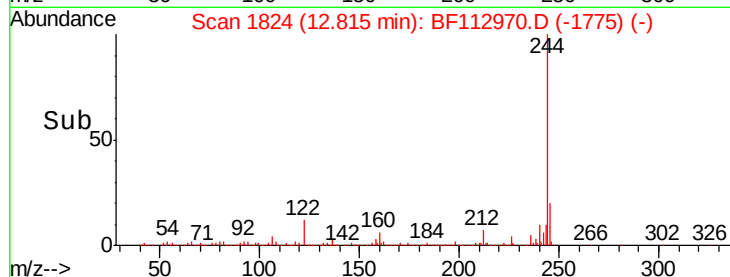
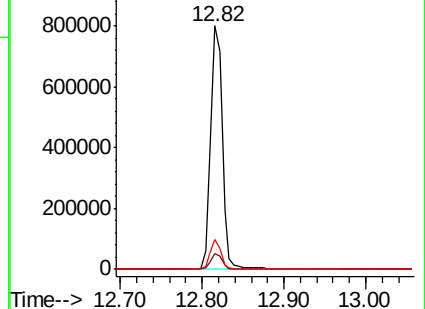
122 12.2 10.5 15.7



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: 15.27 min Scan# 2241

Delta R.T. -0.01 min

Lab File: BF112970.D

Acq: 11 Mar 2019 22:22

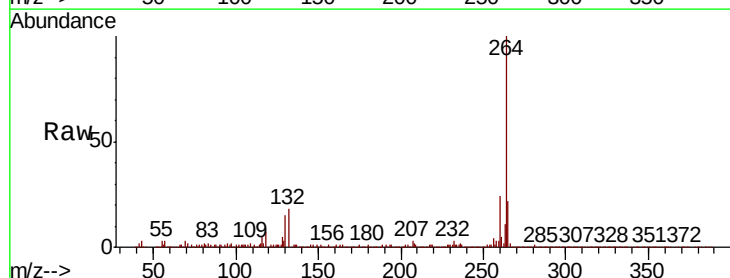
Tgt Ion:264 Resp: 484563

Ion Ratio Lower Upper

264 100

260 24.1 18.7 28.1

265 21.9 17.2 25.8



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

