

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010220\
 Data File : BF118434.D
 Acq On : 2 Jan 2020 14:37
 Operator : JU
 Sample : K6462-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 K500-2

Quant Time: Jan 02 15:17:38 2020
 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

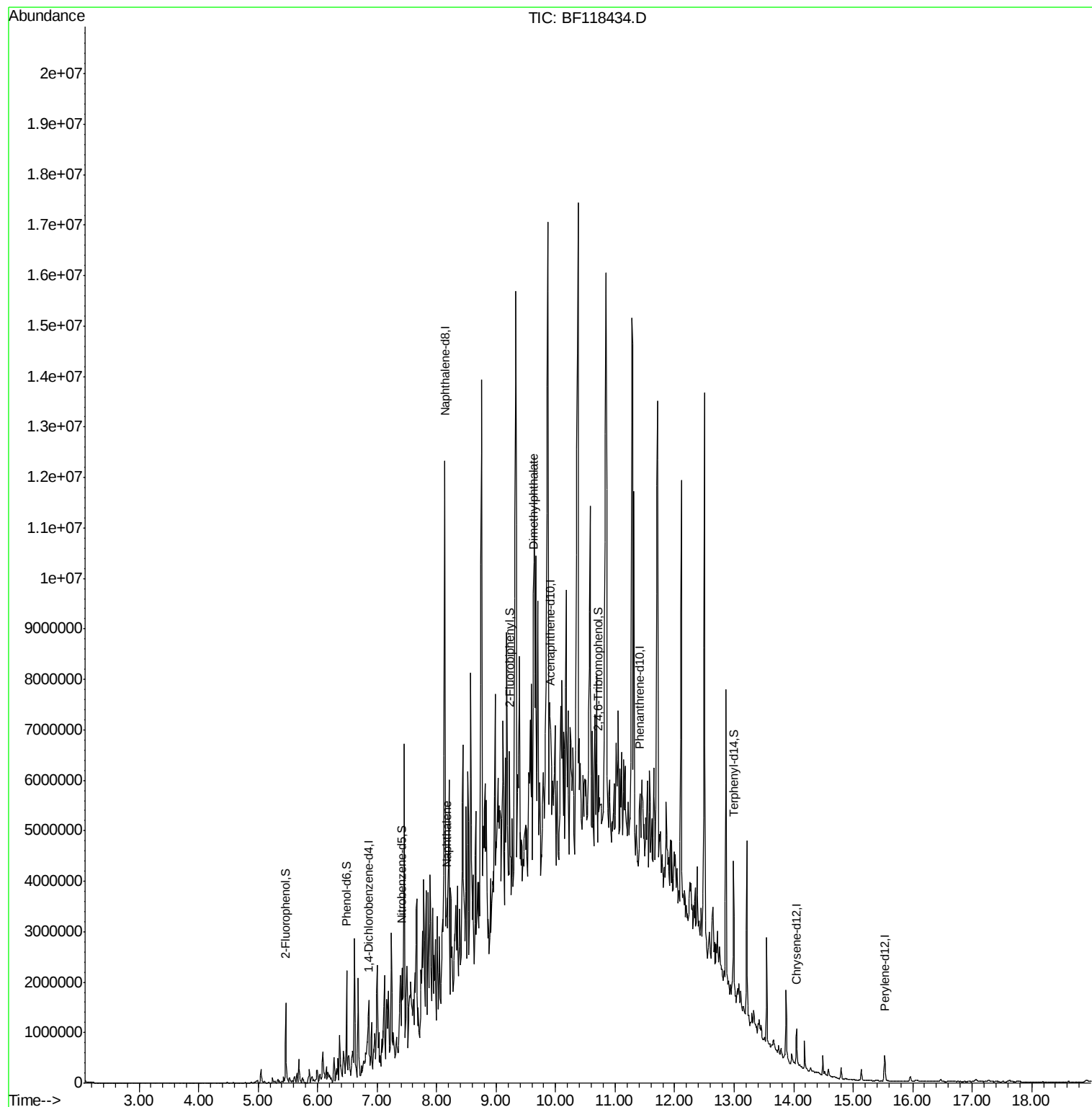
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	92376	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	321495	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	174453	20.00	ng	0.02
64) Phenanthrene-d10	11.42	188	294518	20.00	ng	0.02
76) Chrysene-d12	14.05	240	223865	20.00	ng	0.00
87) Perylene-d12	15.53	264	229837	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	488046	90.18	ng	0.00
7) Phenol-d6	6.49	99	661150	98.48	ng	0.00
23) Nitrobenzene-d5	7.42	82	381648	67.90	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	165915	77.01	ng	0.03
45) 2-Fluorobiphenyl	9.23	172	717051	62.74	ng	0.00
79) Terphenyl-d14	12.99	244	768323	56.94	ng	0.00
Target Compounds						
31) Naphthalene	8.16	128	45814	2.804	ng	# 1
50) Dimethylphthalate	9.62	163	62583	4.779	ng	# 37

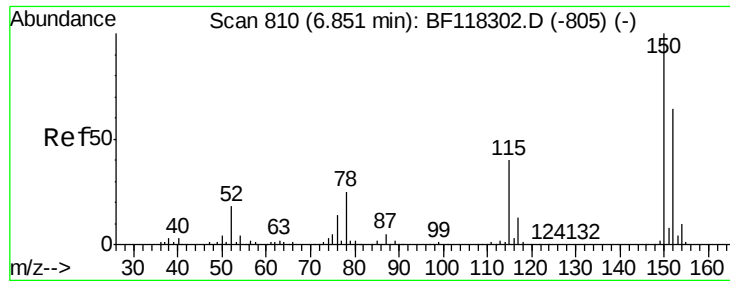
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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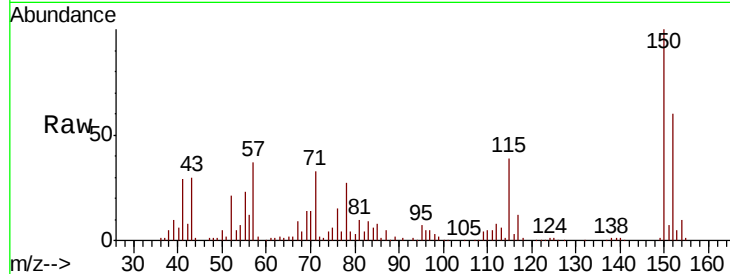


#1

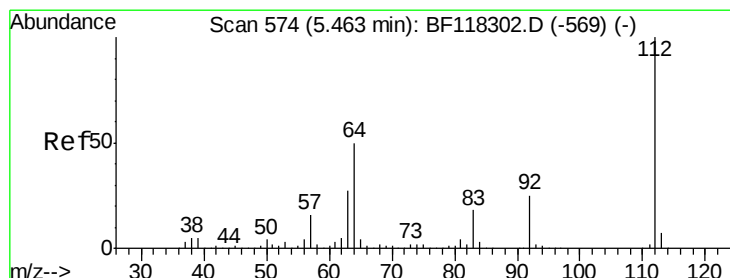
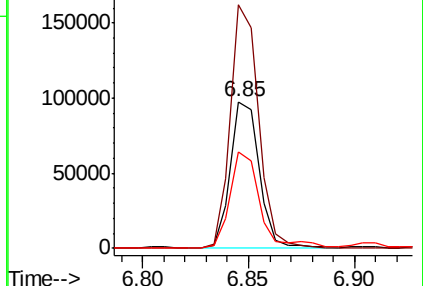
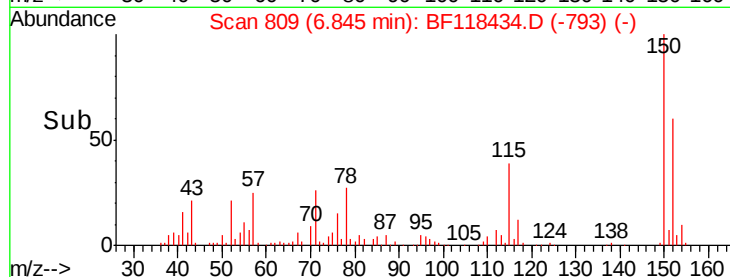
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF118434.D
Acq: 2 Jan 2020 14:37

Instrument :
BNA_F
ClientSampled :
K500-2

Tot Ion:152 Resp: 92376
Ion Ratio Lower Upper
152 100
150 166.4 125.4 188.2
115 65.6 50.2 75.4



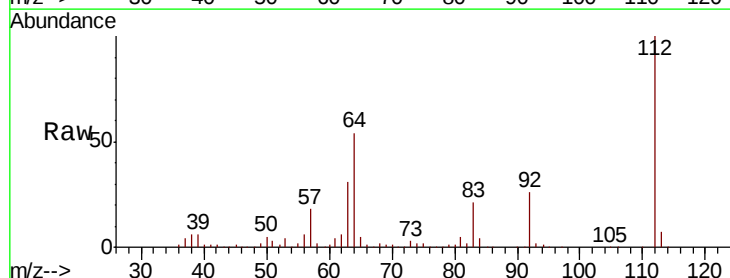
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



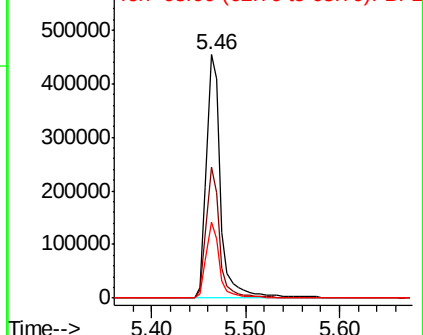
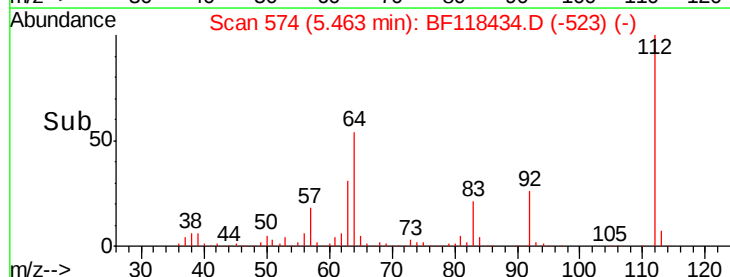
#5

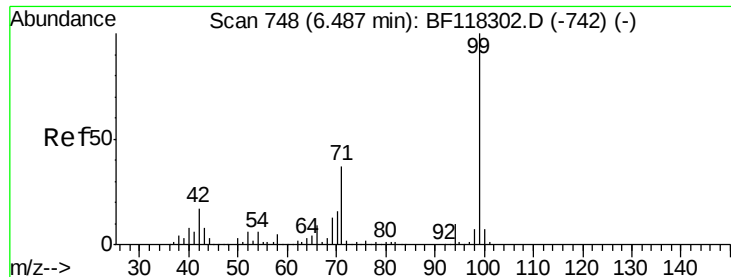
2-Fluorophenol
Concen: 90.185 ng
RT: 5.46 min Scan# 574
Delta R.T. -0.00 min
Lab File: BF118434.D
Acq: 2 Jan 2020 14:37

Tgt Ion:112 Resp: 488046
Ion Ratio Lower Upper
112 100
64 53.8 39.7 59.5
63 31.3 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: 98.484 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.00 min

Lab File: BF118434.D

Acq: 2 Jan 2020 14:37

Instrument :

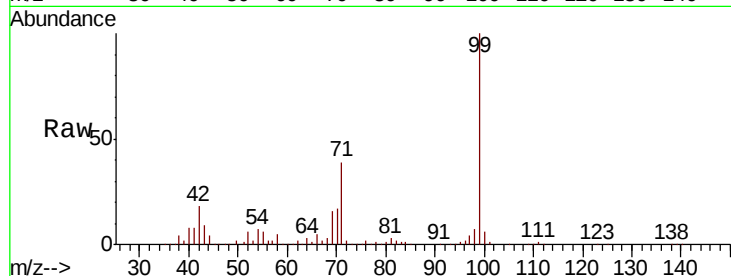
BNA_F

ClientSampleId :

K500-2

Tot Ion: 99 Resp: 661150

Ion	Ratio	Lower	Upper
99	100		
42	18.0	13.5	20.3
71	38.6	29.4	44.2

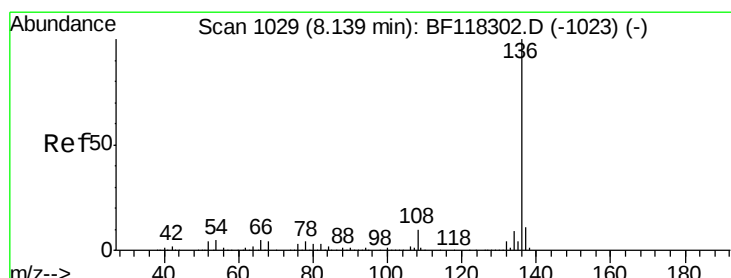
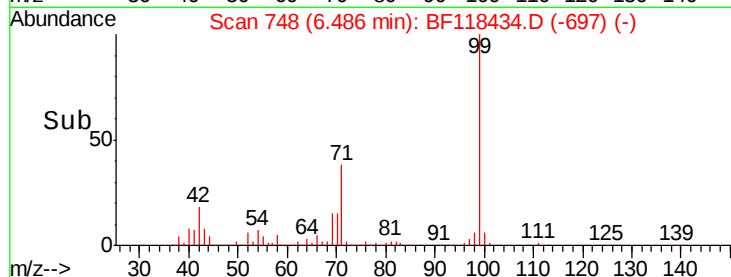
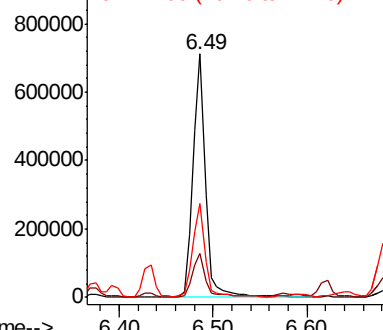


Abundance

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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.15 min Scan# 1030

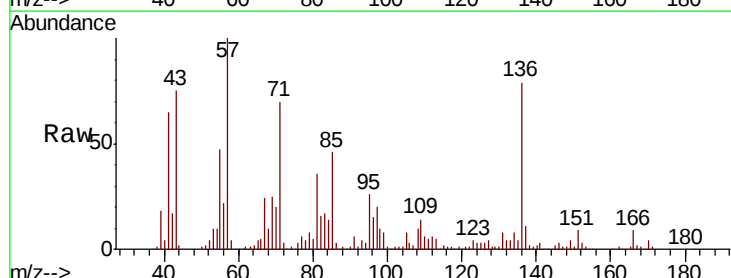
Delta R.T. 0.01 min

Lab File: BF118434.D

Acq: 2 Jan 2020 14:37

Tgt Ion: 136 Resp: 321495

Ion	Ratio	Lower	Upper
136	100		
137	14.0	8.9	13.3#
54	13.1	4.2	6.4#
68	13.3	3.5	5.3#



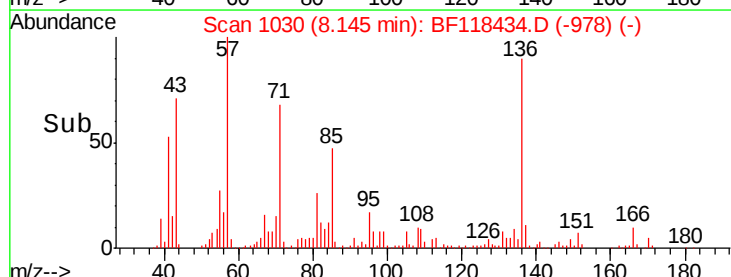
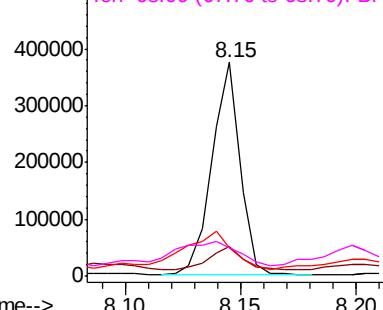
Abundance

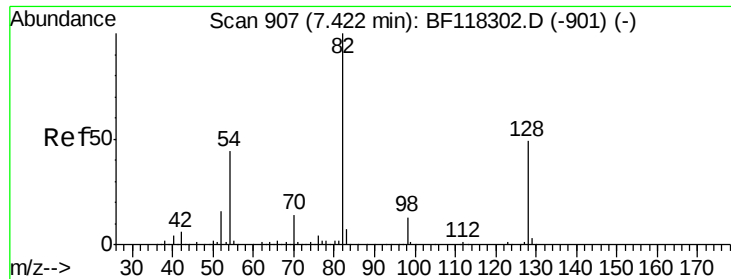
Ion 136.00 (135.70 to 136.70): E

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

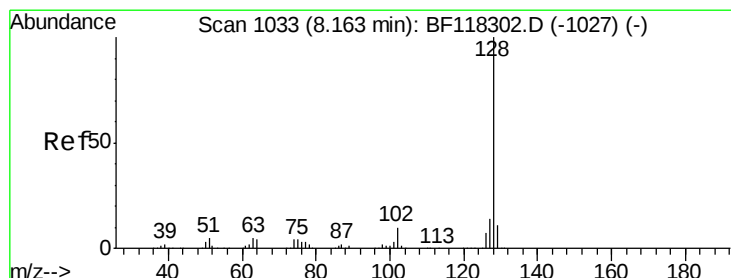
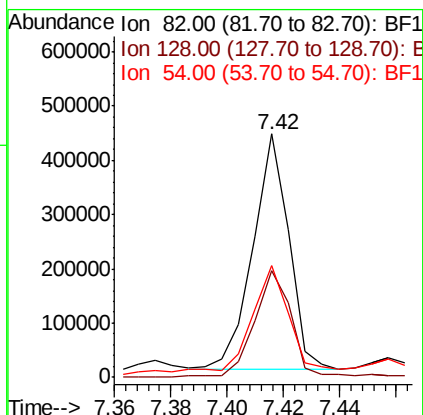
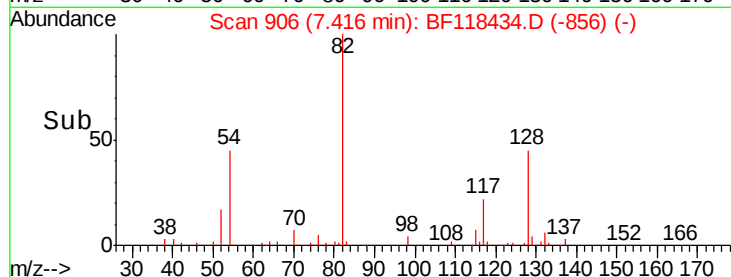
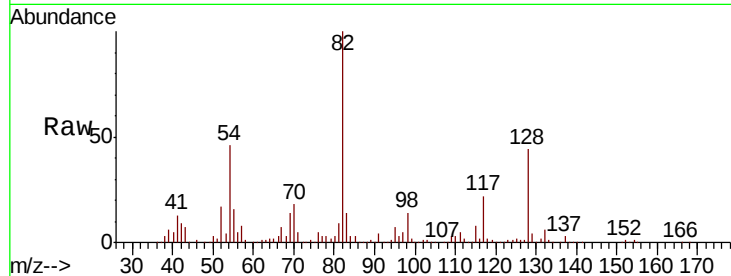




#23
 Nitrobenzene-d5
 Concen: 67.896 ng
 RT: 7.42 min Scan# 906
 Delta R.T. -0.01 min
 Lab File: BF118434.D
 Acq: 2 Jan 2020 14:37

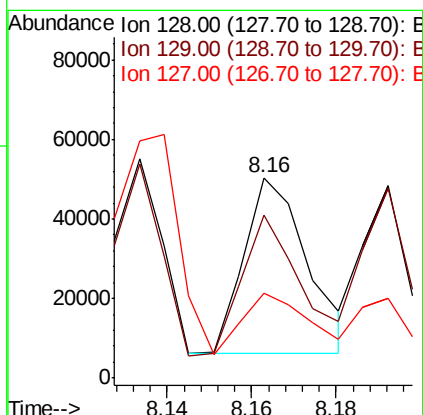
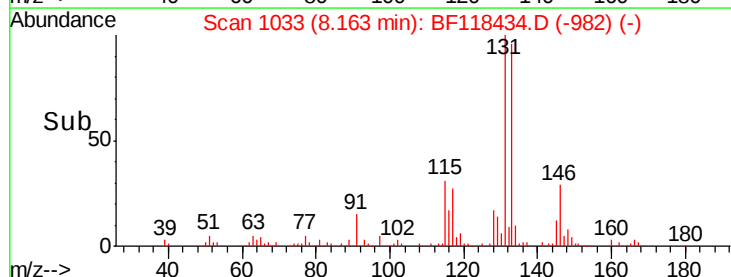
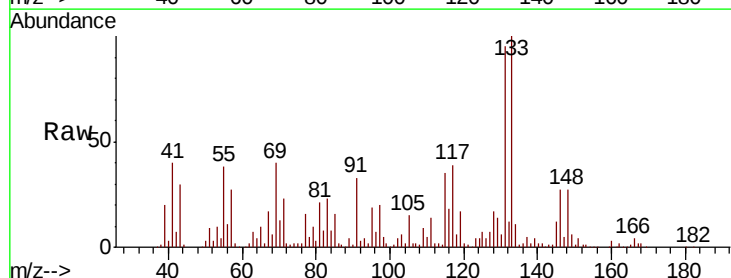
Instrument :
 BNA_F
 ClientSampleId :
 K500-2

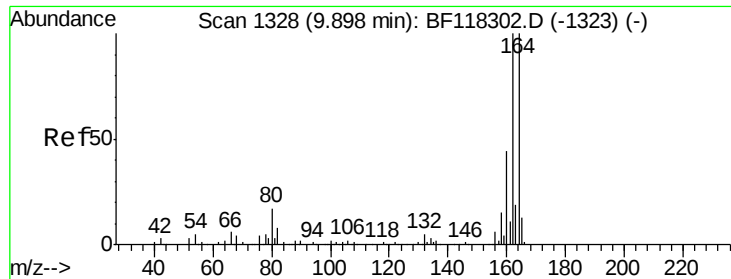
Tot Ion: 82 Resp: 381648
 Ion Ratio Lower Upper
 82 100
 128 43.8 39.6 59.4
 54 45.9 34.9 52.3



#31
 Naphthalene
 Concen: 2.804 ng
 RT: 8.16 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: BF118434.D
 Acq: 2 Jan 2020 14:37

Tgt Ion: 128 Resp: 45814
 Ion Ratio Lower Upper
 128 100
 129 81.3 9.0 13.4#
 127 42.5 11.0 16.4#

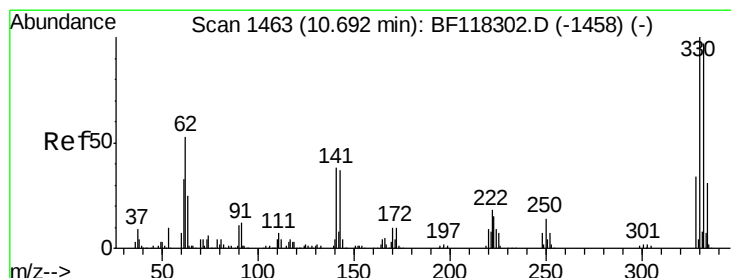
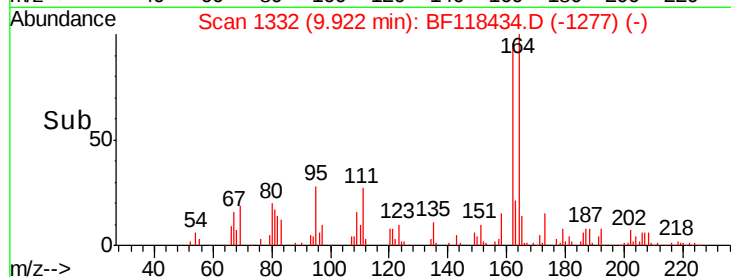
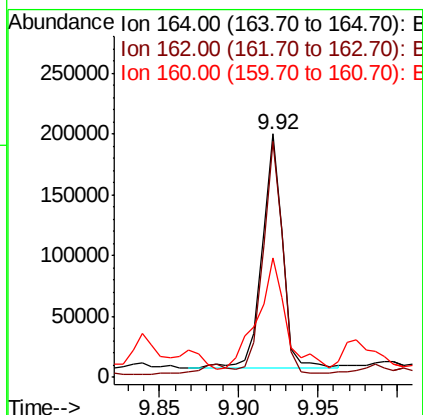
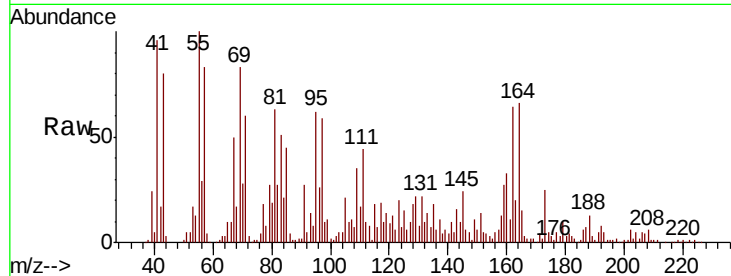




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. 0.02 min
 Lab File: BF118434.D
 Acq: 2 Jan 2020 14:37

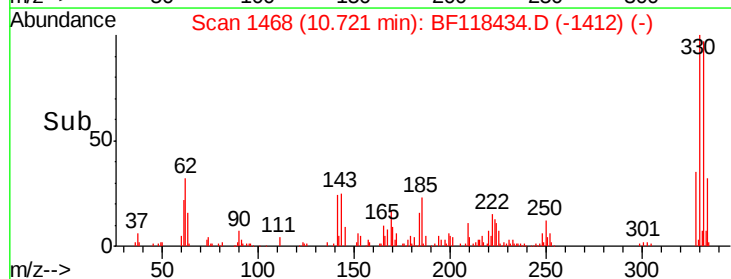
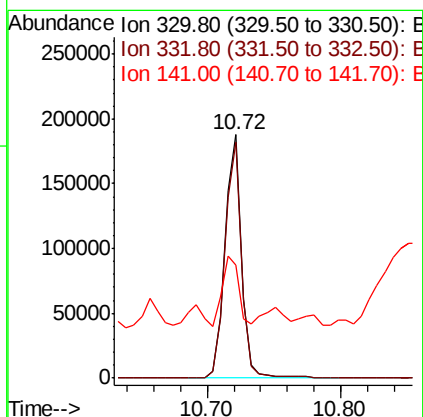
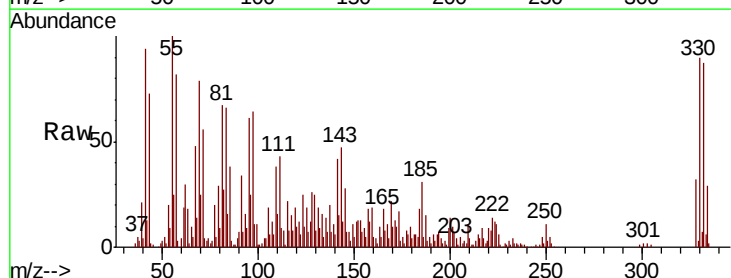
Instrument :
 BNA_F
 ClientSampled :
 K500-2

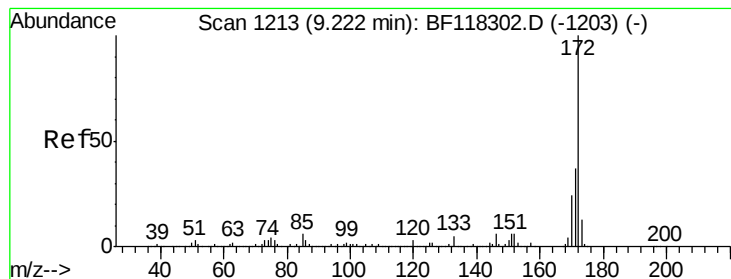
Tot Ion:164 Resp: 174453
 Ion Ratio Lower Upper
 164 100
 162 96.6 80.0 120.0
 160 49.0 34.8 52.2



#42
 2,4,6-Tribromophenol
 Concen: 77.013 ng
 RT: 10.72 min Scan# 1468
 Delta R.T. 0.03 min
 Lab File: BF118434.D
 Acq: 2 Jan 2020 14:37

Tgt Ion:330 Resp: 165915
 Ion Ratio Lower Upper
 330 100
 332 97.1 76.6 114.8
 141 28.2 26.0 39.0





#45

2-Fluorobiphenyl

Concen: 62.742 ng

RT: 9.23 min Scan# 1214

Delta R.T. 0.01 min

Lab File: BF118434.D

Acq: 2 Jan 2020 14:37

Instrument :

BNA_F

ClientSampleId :

K500-2

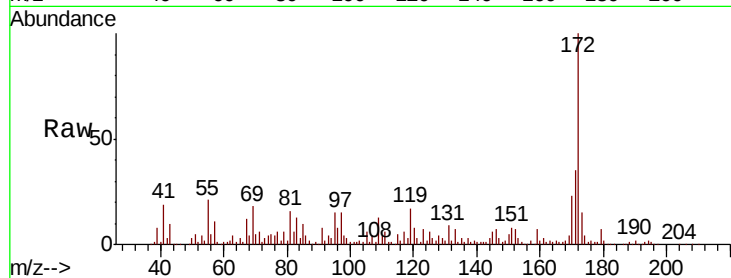
Tot Ion:172 Resp: 717051

Ion Ratio Lower Upper

172 100

171 35.3 29.3 43.9

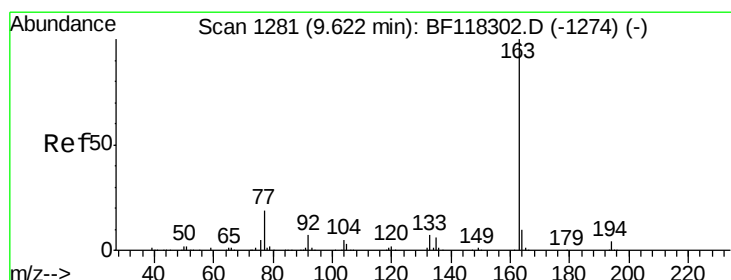
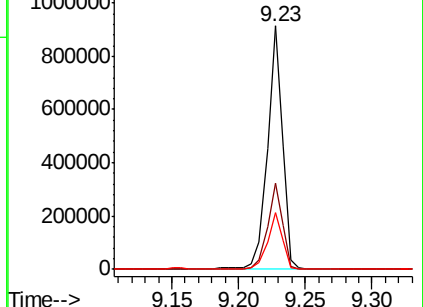
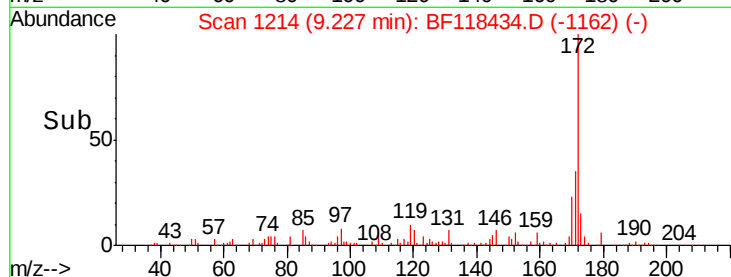
170 23.3 19.2 28.8



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: 4.779 ng

RT: 9.62 min Scan# 1281

Delta R.T. -0.00 min

Lab File: BF118434.D

Acq: 2 Jan 2020 14:37

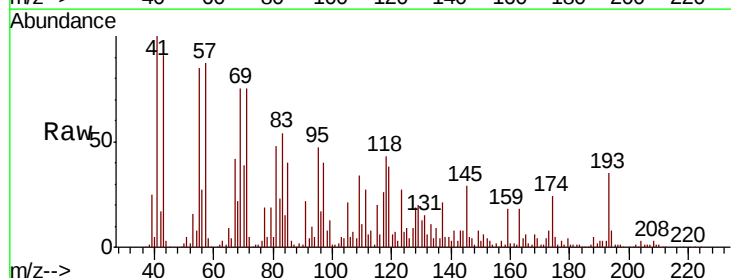
Tgt Ion:163 Resp: 62583

Ion Ratio Lower Upper

163 100

194 45.7 3.2 4.8#

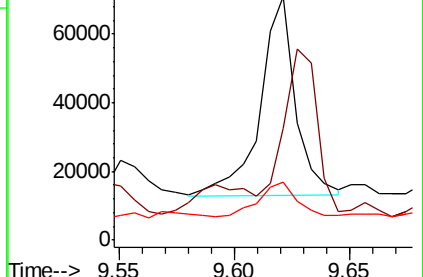
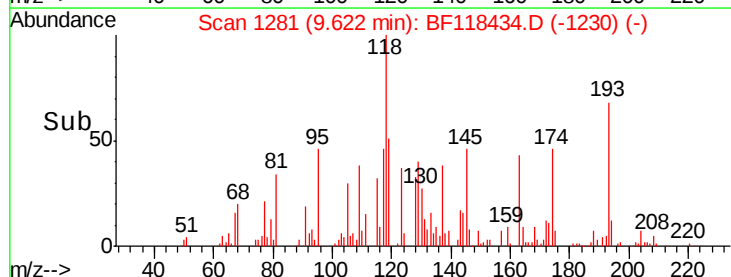
164 23.8 7.9 11.9#

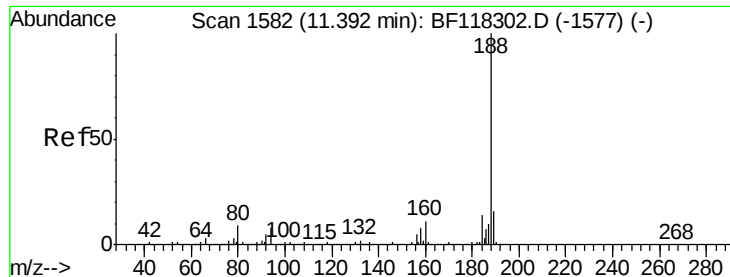


Abundance Ion 163.00 (162.70 to 163.70): E

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: 11.42 min Scan# 1586

Delta R.T. 0.02 min

Lab File: BF118434.D

Acq: 2 Jan 2020 14:37

Instrument :

BNA_F

ClientSampleId :

K500-2

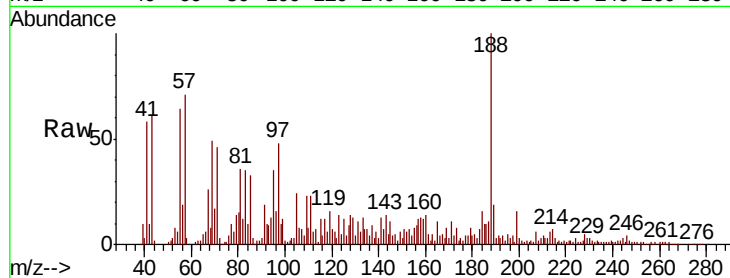
Tot Ion:188 Resp: 294518

Ion Ratio Lower Upper

188 100

94 13.2 6.7 10.1#

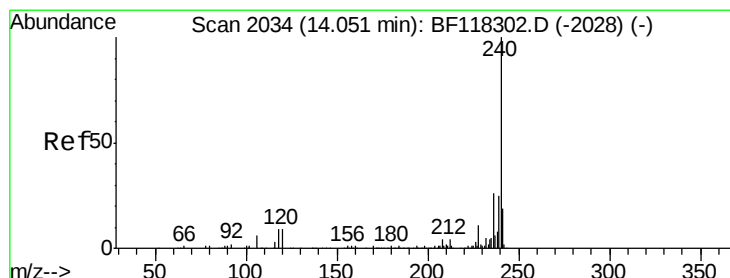
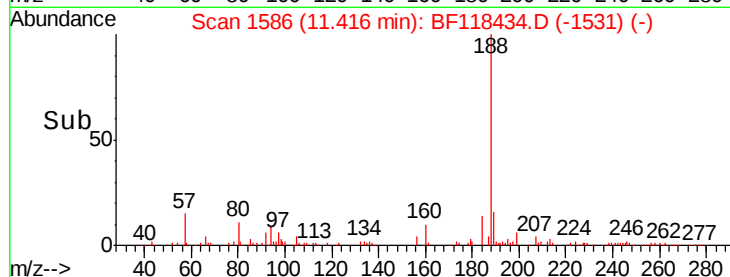
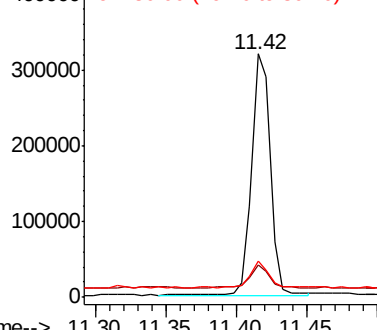
80 14.8 7.2 10.8#



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: 14.05 min Scan# 2034

Delta R.T. -0.00 min

Lab File: BF118434.D

Acq: 2 Jan 2020 14:37

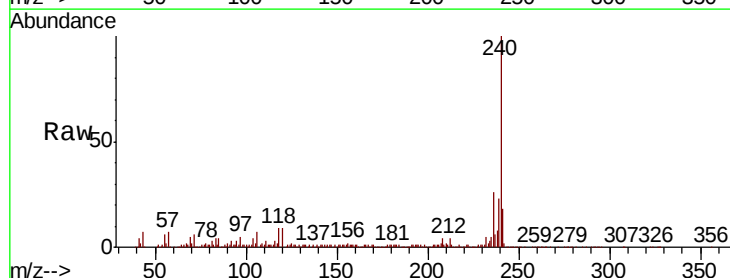
Tgt Ion:240 Resp: 223865

Ion Ratio Lower Upper

240 100

120 9.5 7.1 10.7

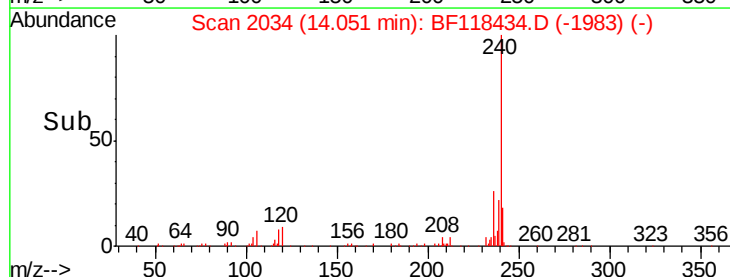
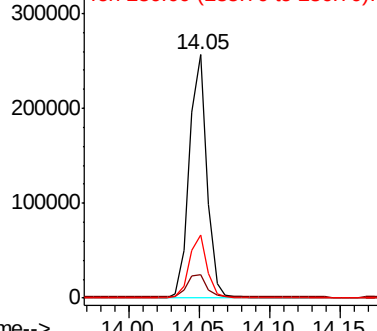
236 26.2 21.0 31.6

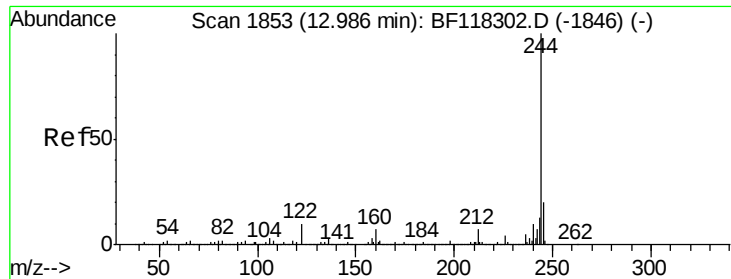


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 56.939 ng

RT: 12.99 min Scan# 1854

Delta R.T. 0.01 min

Lab File: BF118434.D

Acq: 2 Jan 2020 14:37

Instrument :

BNA_F

ClientSampleId :

K500-2

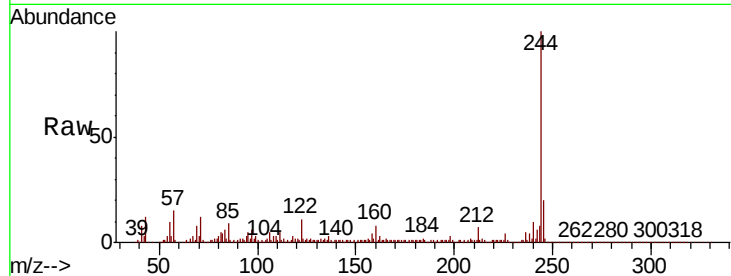
Tot Ion:244 Resp: 768323

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.2

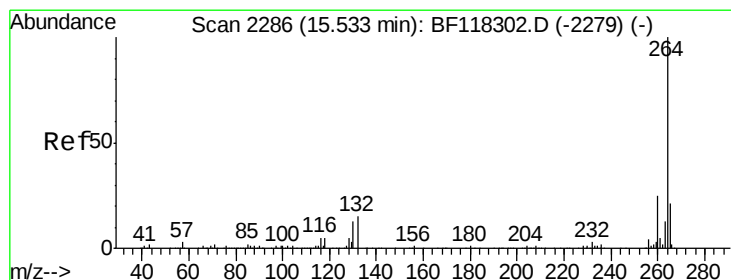
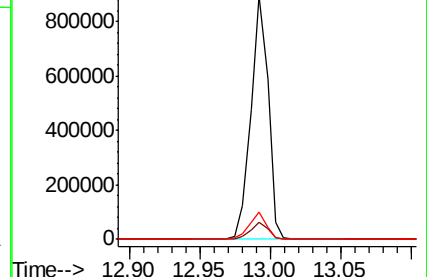
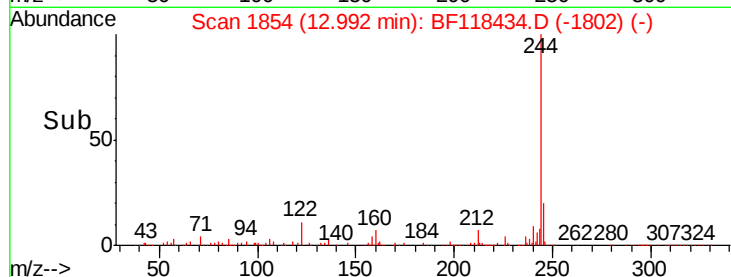
122 11.4 7.8 11.8



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: BF118434.D

Acq: 2 Jan 2020 14:37

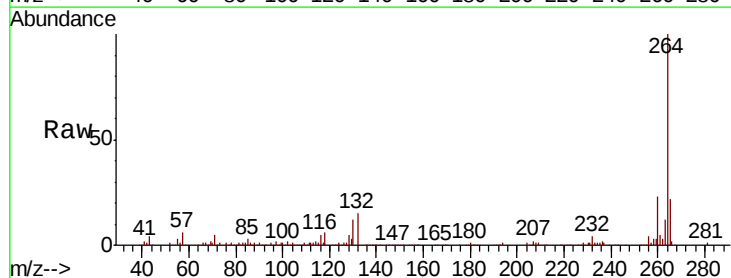
Tgt Ion:264 Resp: 229837

Ion Ratio Lower Upper

264 100

260 22.9 19.8 29.6

265 21.7 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

