

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091919\
 Data File : BF117175.D
 Acq On : 19 Sep 2019 15:35
 Operator : HP/JU
 Sample : K4959-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BASE-2

Quant Time: Sep 20 02:16:13 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 13 16:23:17 2019
 Response via : Initial Calibration

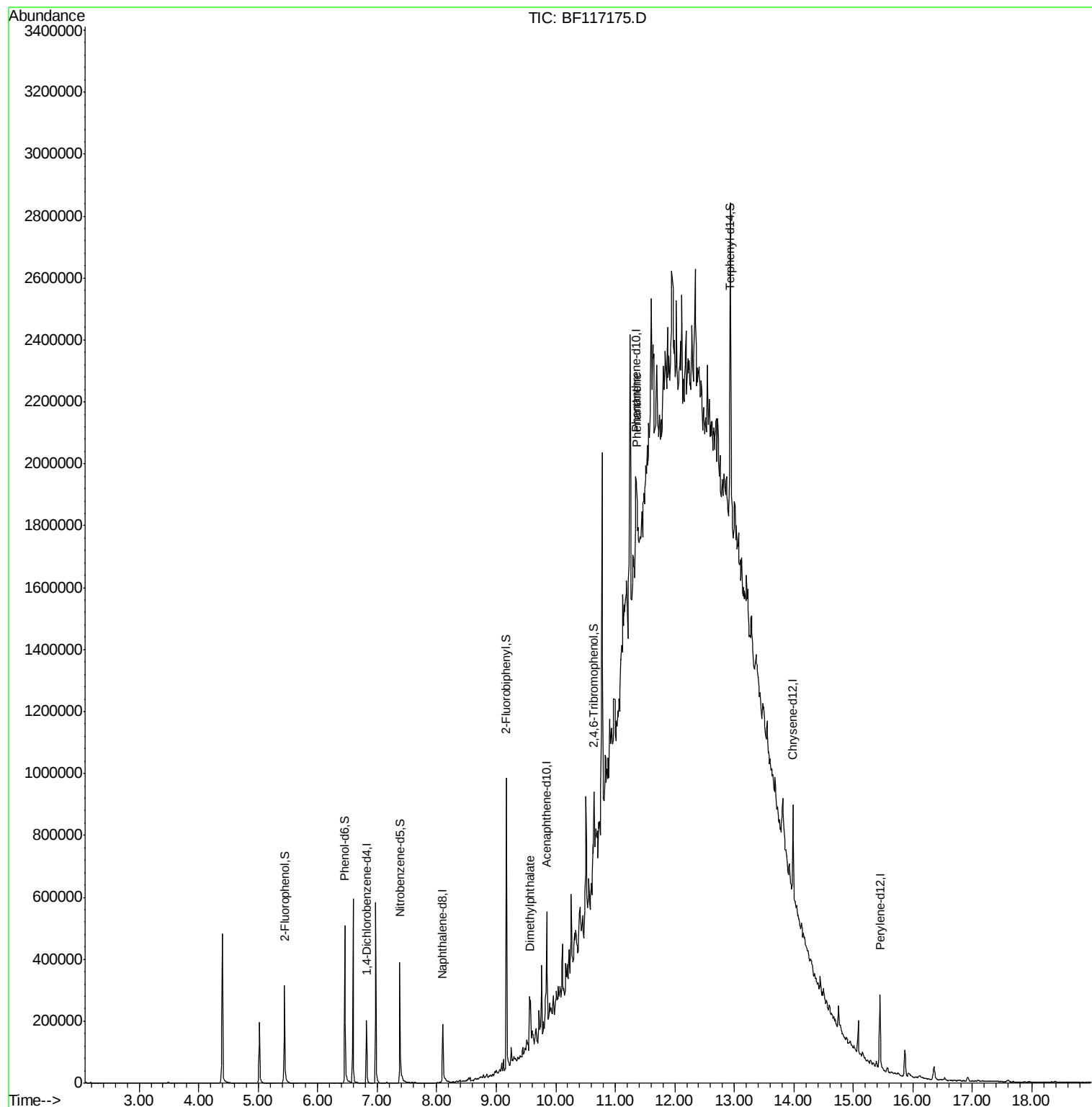
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	29723	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	119998	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	65224	20.00	ng	0.00
64) Phenanthrene-d10	11.35	188	103675	20.00	ng	0.01
76) Chrysene-d12	13.99	240	79779	20.00	ng	0.01
87) Perylene-d12	15.44	264	61324	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	99483	52.26	ng	0.00
7) Phenol-d6	6.46	99	194226	78.94	ng	0.00
23) Nitrobenzene-d5	7.38	82	154047	67.45	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	29337	53.82	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	303685	72.80	ng	0.00
79) Terphenyl-d14	12.93	244	326506	76.50	ng	0.02
Target Compounds						
50) Dimethylphthalate	9.56	163	23258	5.036	ng	# 90
71) Phenanthrene	11.37	178	15228	2.586	ng	# 28

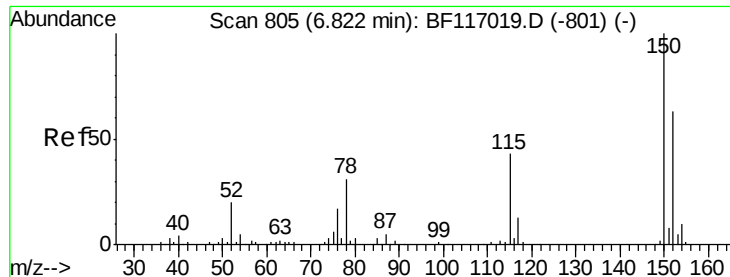
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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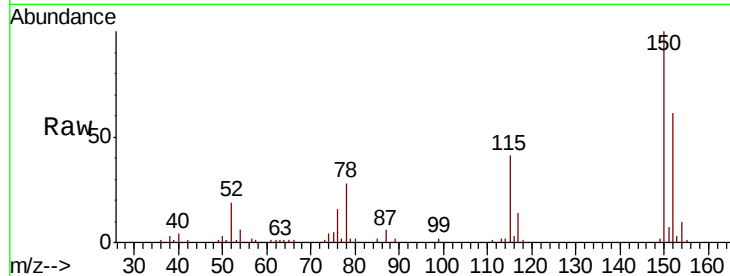


#1

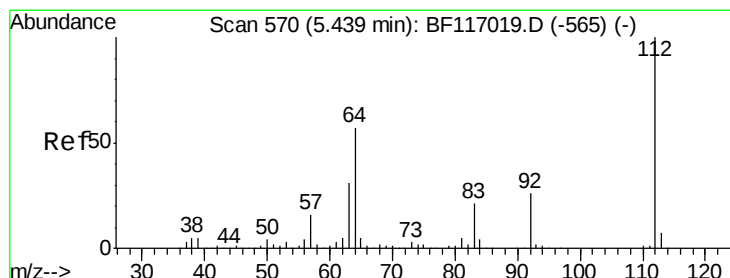
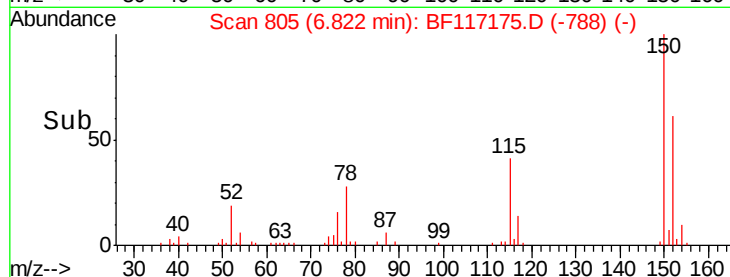
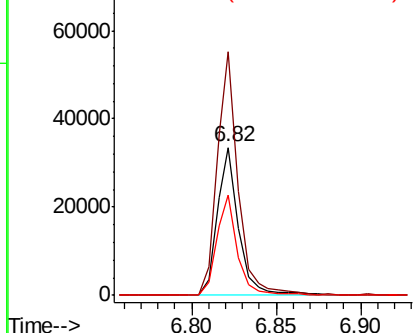
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF117175.D
Acq: 19 Sep 2019 15:35

Instrument :
BNA_F
ClientSampleId :
BASE-2

Tot Ion:152 Resp: 29723
Ion Ratio Lower Upper
152 100
150 164.4 127.5 191.3
115 68.0 55.0 82.4



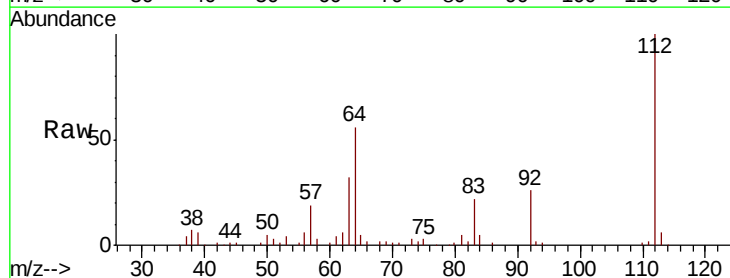
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



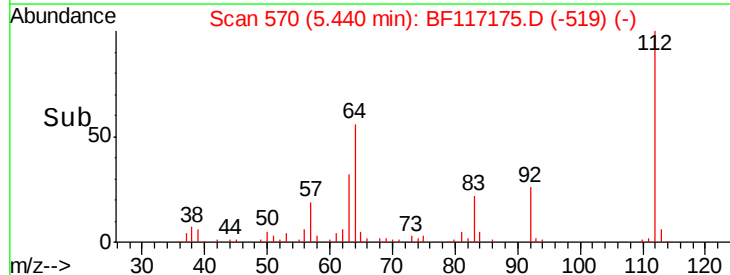
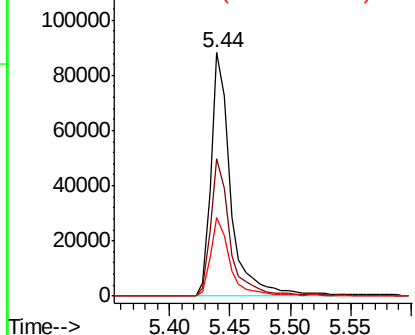
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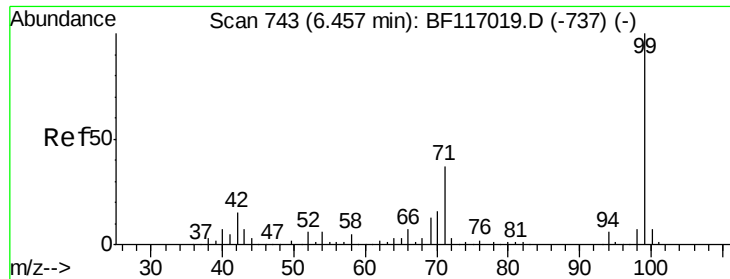
2-Fluorophenol
Concen: 52.255 ng
RT: 5.44 min Scan# 570
Delta R.T. 0.00 min
Lab File: BF117175.D
Acq: 19 Sep 2019 15:35

Tgt Ion:112 Resp: 99483
Ion Ratio Lower Upper
112 100
64 56.4 45.7 68.5
63 32.4 24.9 37.3



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: 78.941 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.00 min

Lab File: BF117175.D

Acq: 19 Sep 2019 15:35

Instrument :

BNA_F

ClientSampled :

BASE-2

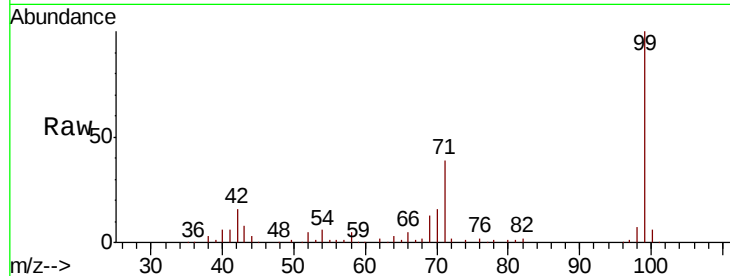
Tot Ion: 99 Resp: 194226

Ion Ratio Lower Upper

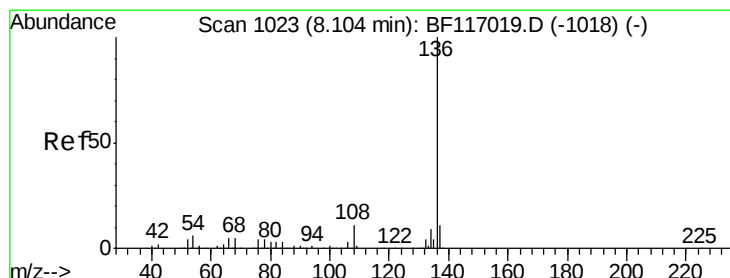
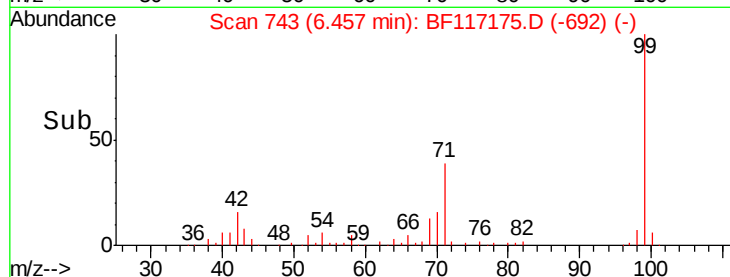
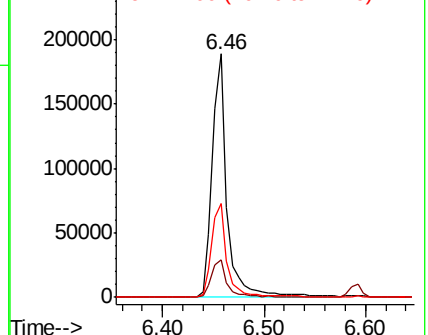
99 100

42 15.7 12.2 18.2

71 38.5 29.8 44.8



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BF117175.D

Acq: 19 Sep 2019 15:35

Tgt Ion: 136 Resp: 119998

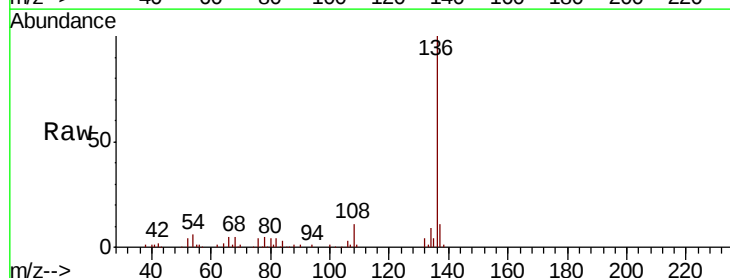
Ion Ratio Lower Upper

136 100

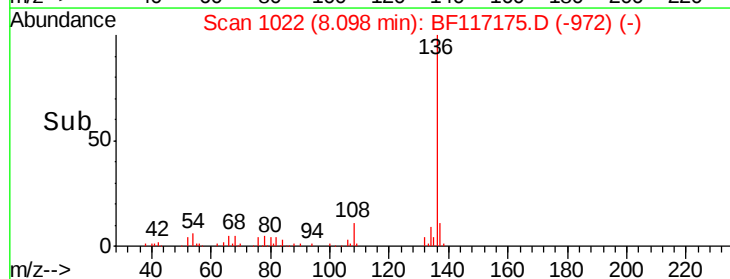
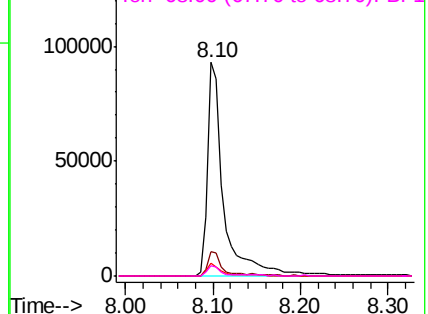
137 11.3 9.0 13.4

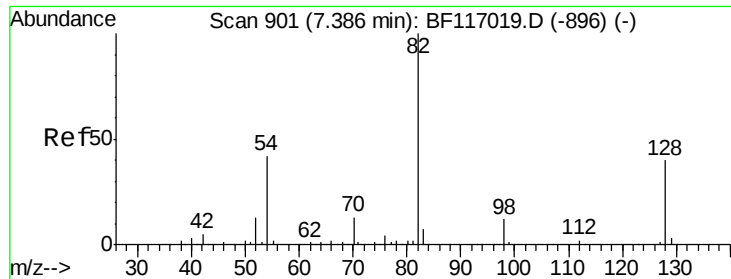
54 6.1 4.5 6.7

68 4.8 4.0 6.0



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

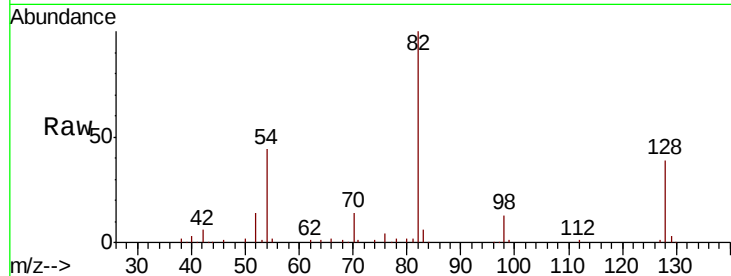




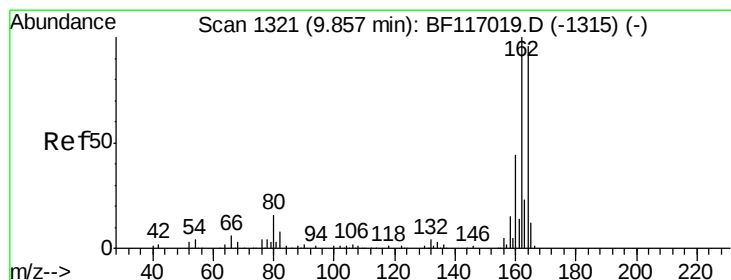
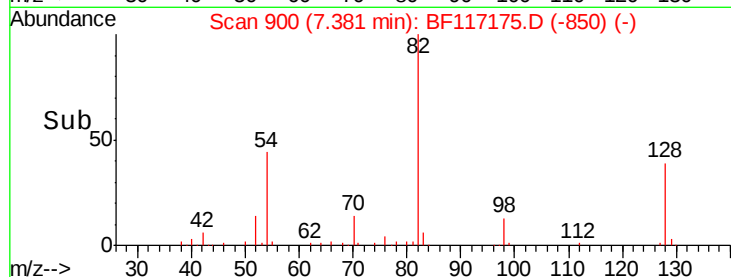
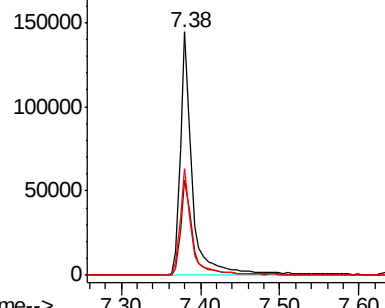
#23
 Nitrobenzene-d5
 Concen: 67.451 ng
 RT: 7.38 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: BF117175.D
 Acq: 19 Sep 2019 15:35

Instrument :
 BNA_F
 ClientSampleId :
 BASE-2

Tot Ion	82	Resp	154047
Ion Ratio	Lower	Upper	
82	100		
128	39.0	32.3	48.5
54	43.7	33.3	49.9

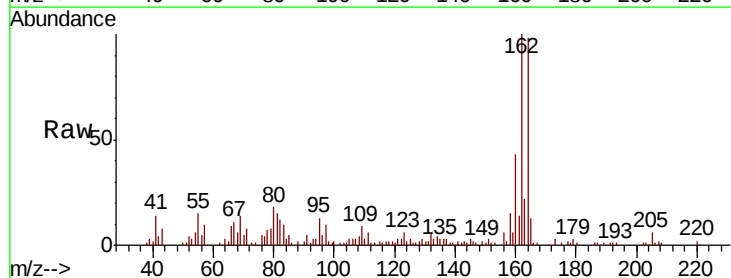


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

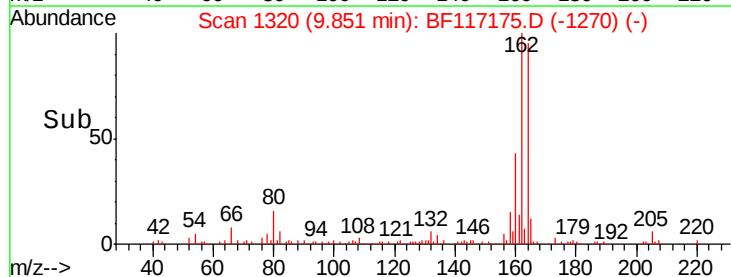
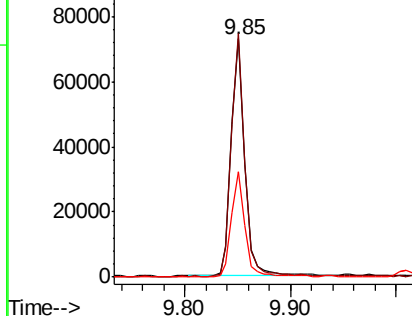


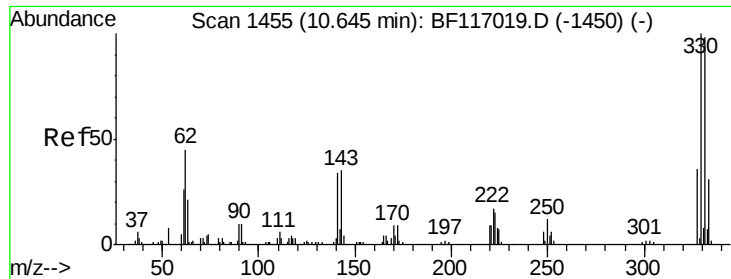
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.01 min
 Lab File: BF117175.D
 Acq: 19 Sep 2019 15:35

Tgt Ion	164	Resp	65224
Ion Ratio	Lower	Upper	
164	100		
162	102.2	83.4	125.2
160	44.1	36.4	54.6



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

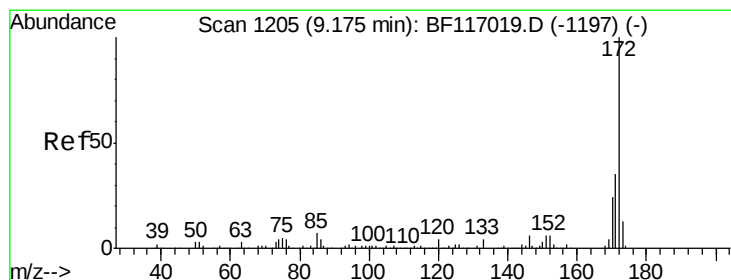
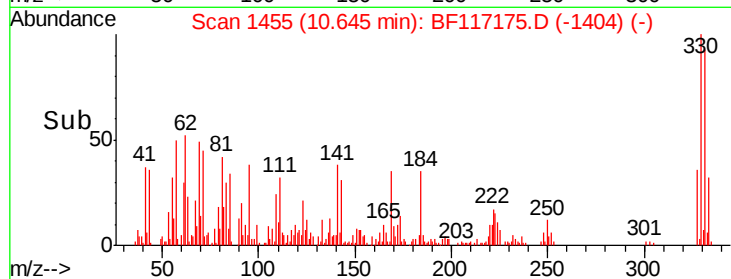
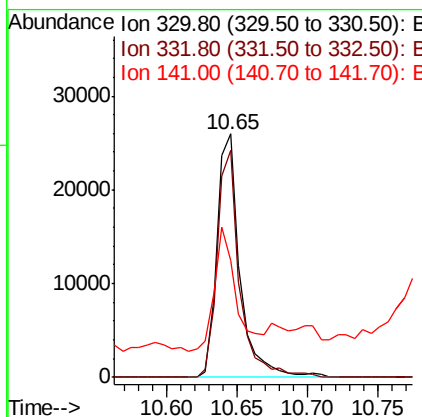
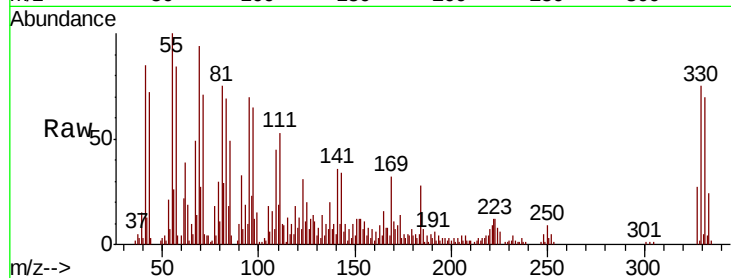




#42
 2,4,6-Tribromophenol
 Concen: 53.817 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. 0.00 min
 Lab File: BF117175.D
 Acq: 19 Sep 2019 15:35

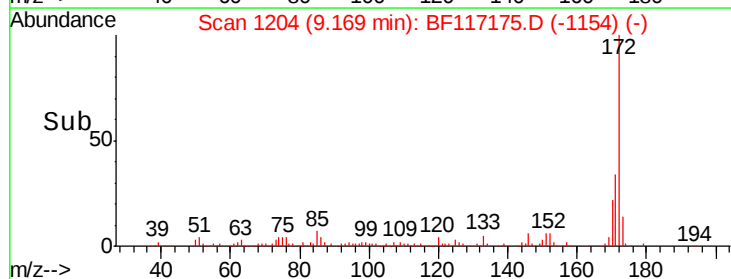
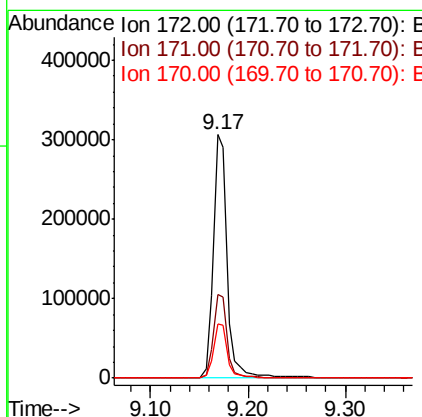
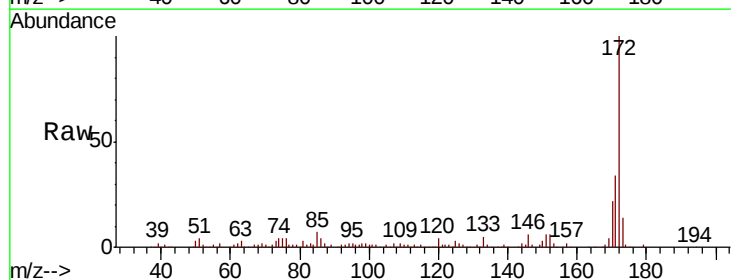
Instrument :
 BNA_F
 ClientSampleId :
 BASE-2

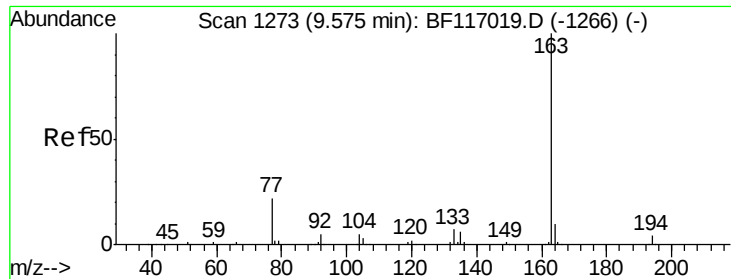
Tot Ion	Ratio	Lower	Upper
330	100		
332	91.4	78.0	117.0
141	48.1	35.8	53.6



#45
 2-Fluorobiphenyl
 Concen: 72.801 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF117175.D
 Acq: 19 Sep 2019 15:35

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.2	28.2	42.2
170	22.4	18.9	28.3

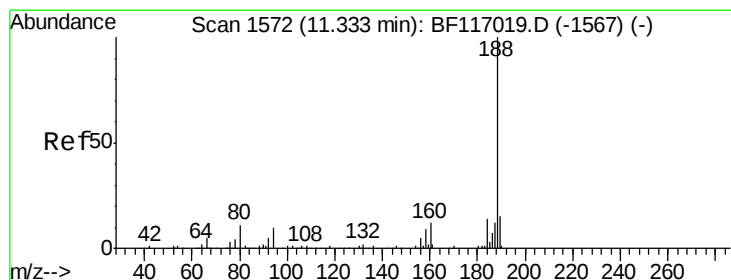
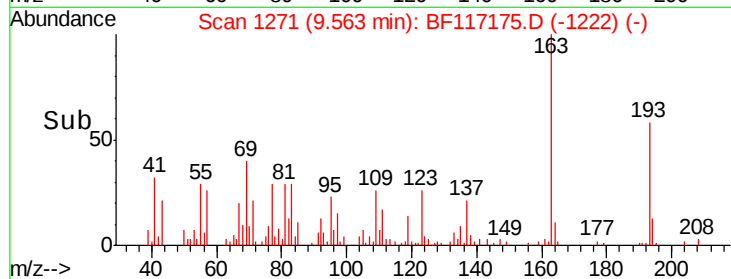
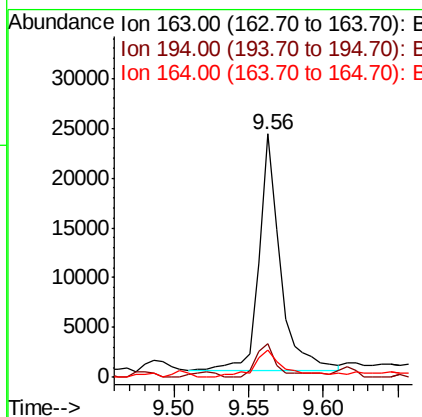
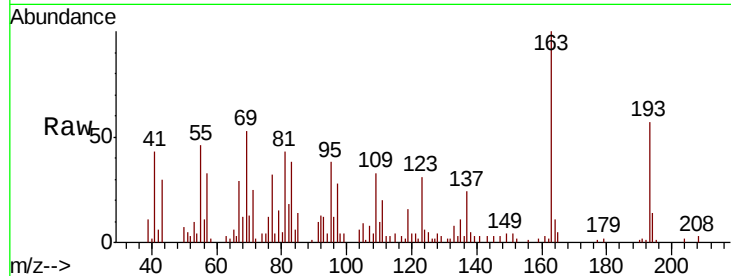




#50
Dimethylphthalate
Concen: 5.036 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BF117175.D
Acq: 19 Sep 2019 15:35

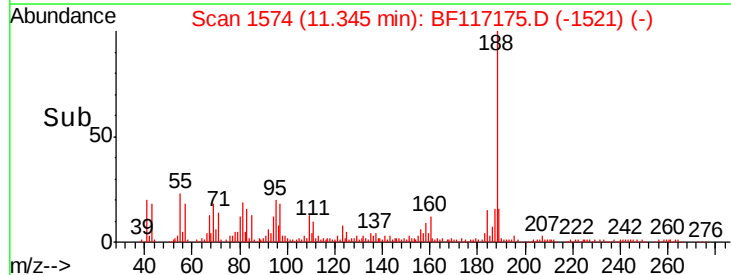
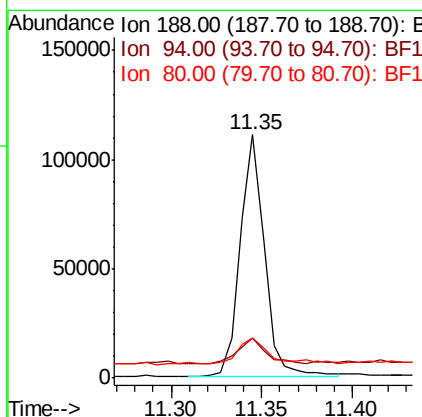
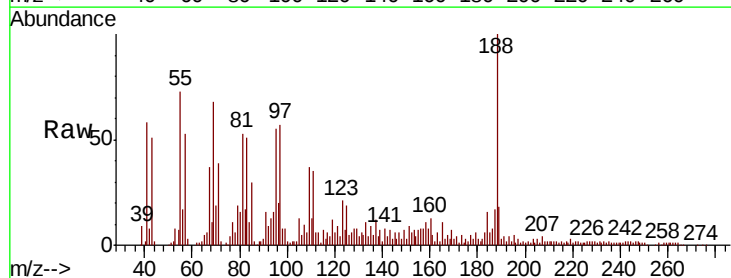
Instrument :
BNA_F
ClientSampleId :
BASE-2

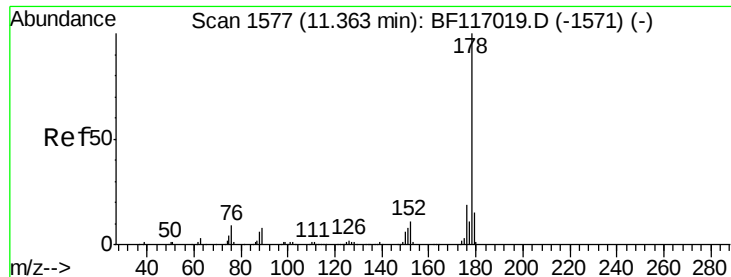
Tot Ion:163 Resp: 23258
Ion Ratio Lower Upper
163 100
194 13.7 2.9 4.3#
164 11.1 8.2 12.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1574
Delta R.T. 0.01 min
Lab File: BF117175.D
Acq: 19 Sep 2019 15:35

Tgt Ion:188 Resp: 103675
Ion Ratio Lower Upper
188 100
94 16.4 8.2 12.2#
80 16.3 9.0 13.6#

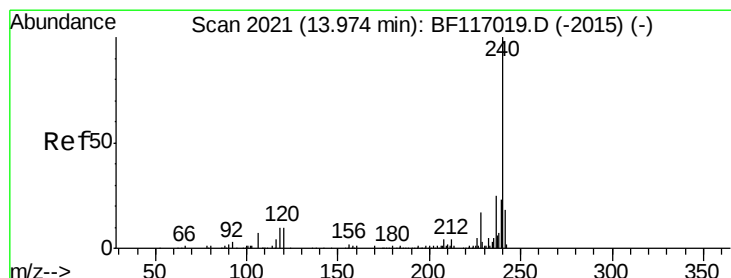
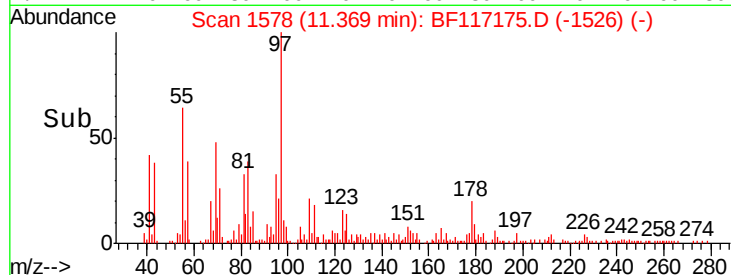
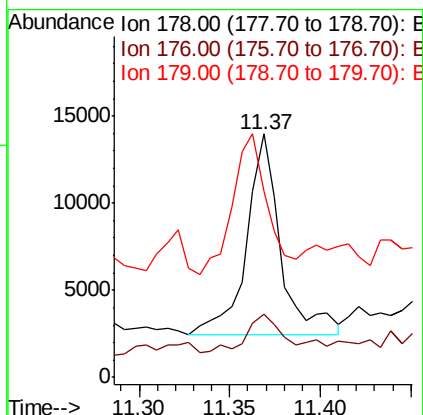
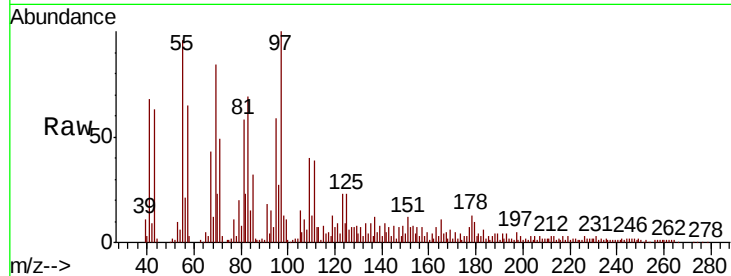




#71
Phenanthrene
Concen: 2.586 ng
RT: 11.37 min Scan# 1578
Delta R.T. 0.01 min
Lab File: BF117175.D
Acq: 19 Sep 2019 15:35

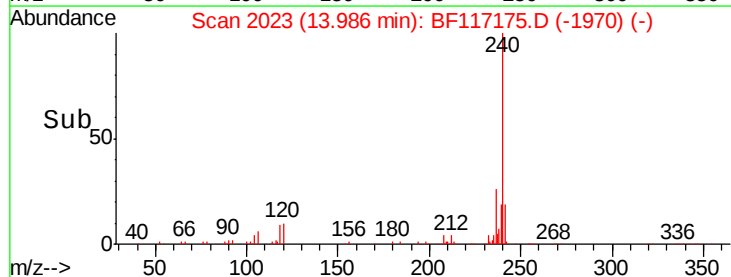
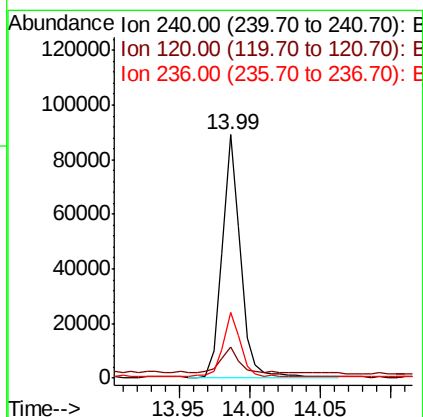
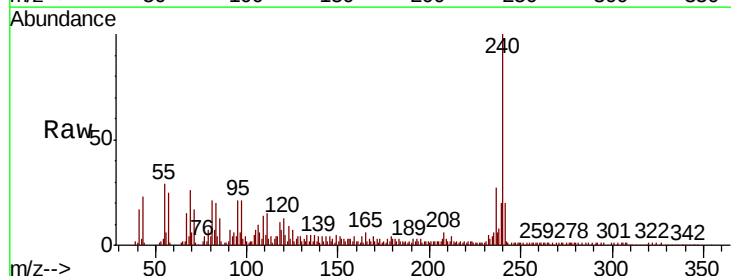
Instrument :
BNA_F
ClientSampleId :
BASE-2

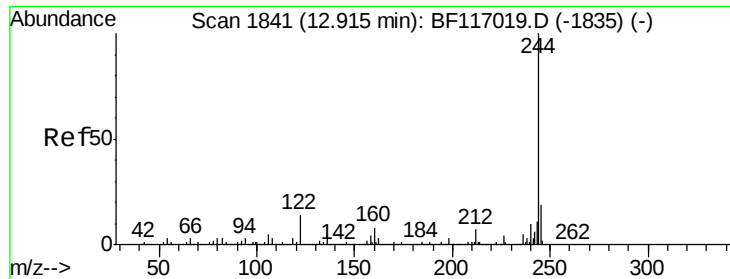
Tot Ion:178 Resp: 15228
Ion Ratio Lower Upper
178 100
176 25.8 15.4 23.2#
179 76.2 12.4 18.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2023
Delta R.T. 0.01 min
Lab File: BF117175.D
Acq: 19 Sep 2019 15:35

Tgt Ion:240 Resp: 79779
Ion Ratio Lower Upper
240 100
120 13.0 8.3 12.5#
236 27.0 20.3 30.5





#79

Terphenyl-d14

Concen: 76.500 ng

RT: 12.93 min Scan# 1844

Delta R.T. 0.02 min

Lab File: BF117175.D

Acq: 19 Sep 2019 15:35

Instrument :

BNA_F

ClientSampleId :

BASE-2

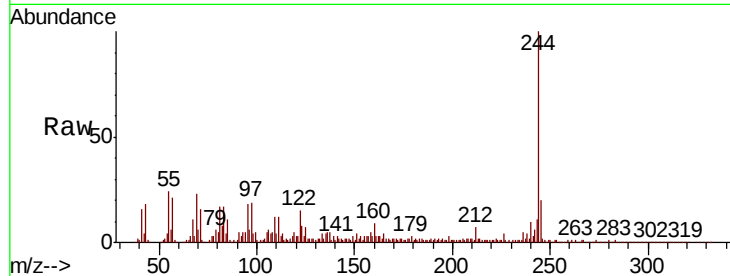
Tot Ion:244 Resp: 326506

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

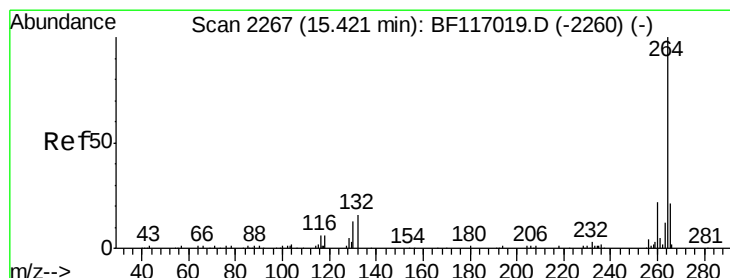
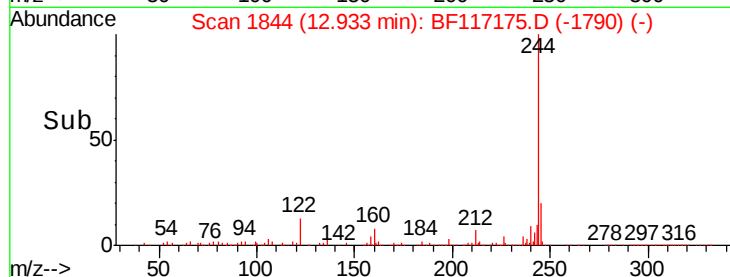
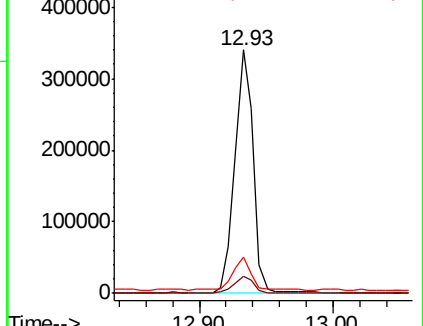
122 14.8 11.3 16.9



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: 15.44 min Scan# 2271

Delta R.T. 0.02 min

Lab File: BF117175.D

Acq: 19 Sep 2019 15:35

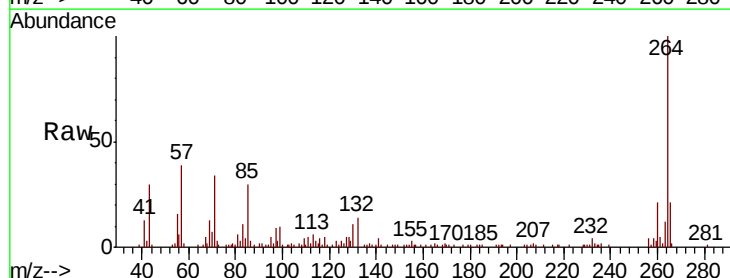
Tgt Ion:264 Resp: 61324

Ion Ratio Lower Upper

264 100

260 21.4 17.6 26.4

265 21.0 16.6 24.8



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

