

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042219\
 Data File : BF113905.D
 Acq On : 23 Apr 2019 3:32
 Operator : JU/SJ
 Sample : K2203-15 5X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-02-041819-B

Quant Time: Apr 23 08:24:34 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 23 03:32:35 2019
 Response via : Initial Calibration

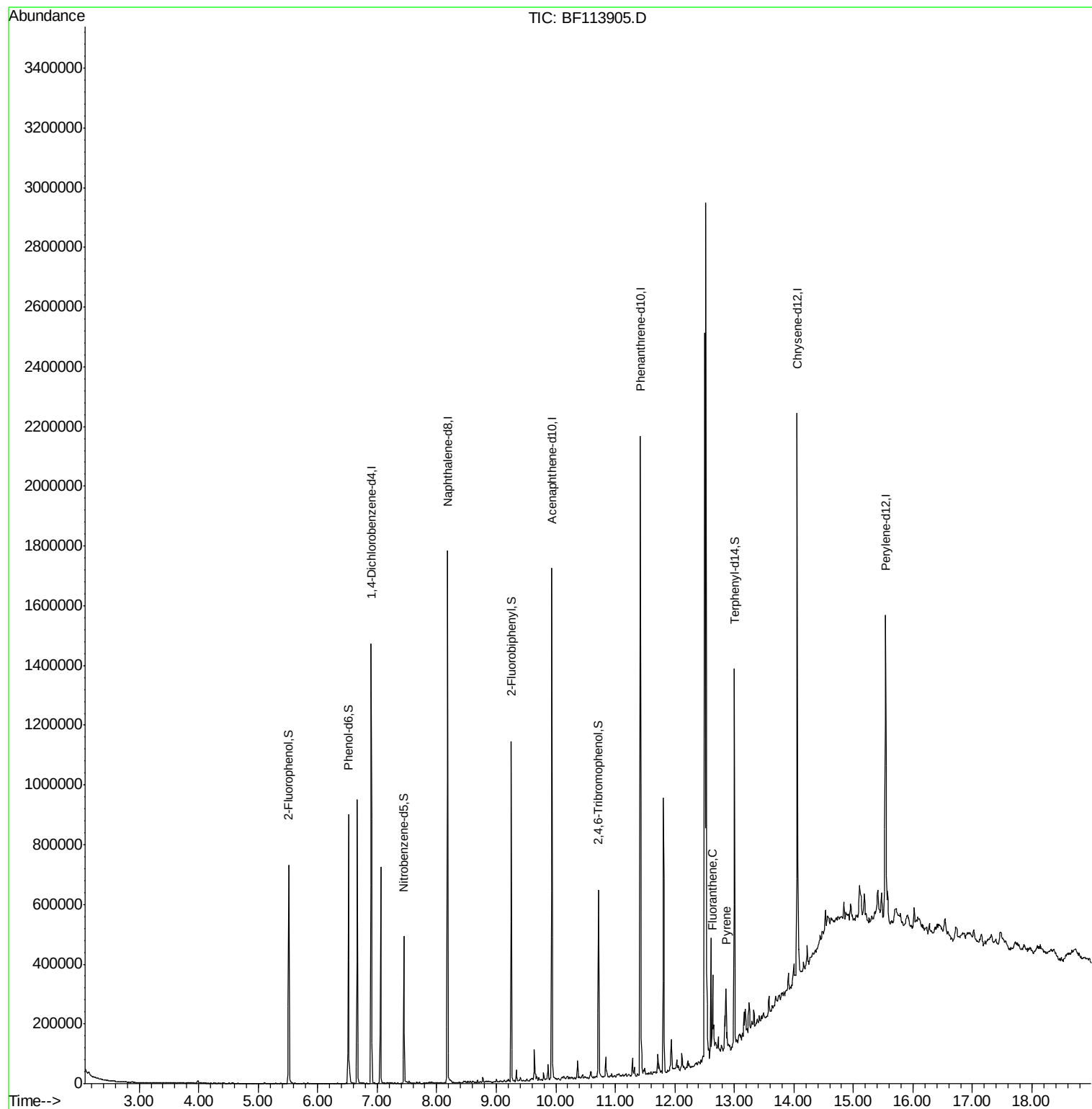
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	204599	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	728916	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	365088	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	765831	20.00	ng	0.00
76) Chrysene-d12	14.06	240	635860	20.00	ng	-0.01
87) Perylene-d12	15.54	264	527627	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	226419	18.93	ng	0.00
7) Phenol-d6	6.52	99	289628	19.30	ng	0.00
23) Nitrobenzene-d5	7.45	82	146702	12.43	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	85117	19.14	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	330699	14.17	ng	0.00
79) Terphenyl-d14	13.00	244	445269	14.36	ng	0.00
Target Compounds						
75) Fluoranthene	12.63	202	93553	2.228	ng	96
78) Pyrene	12.86	202	91474	2.057	ng	97

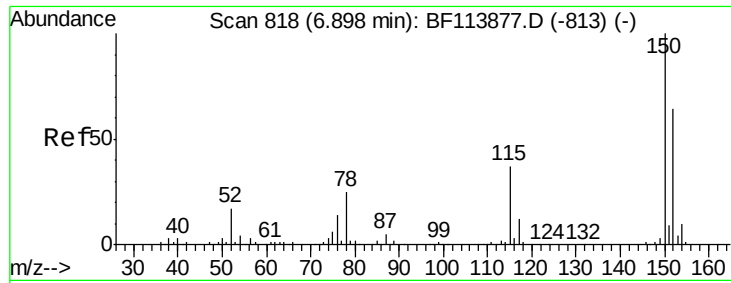
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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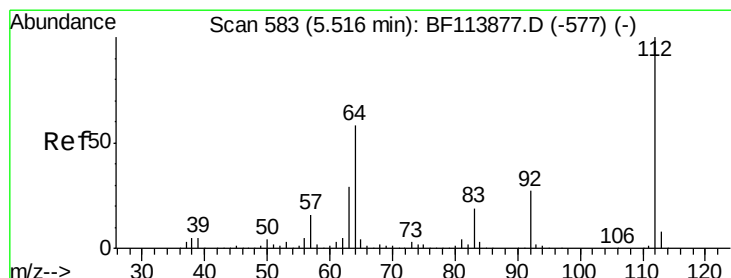
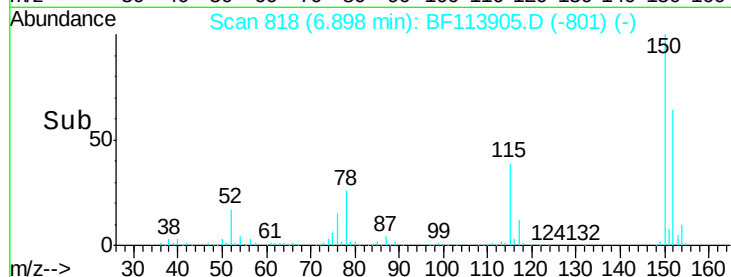
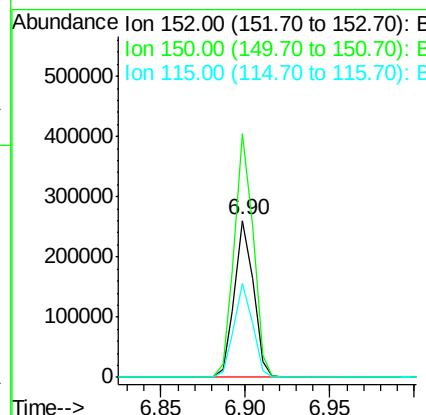
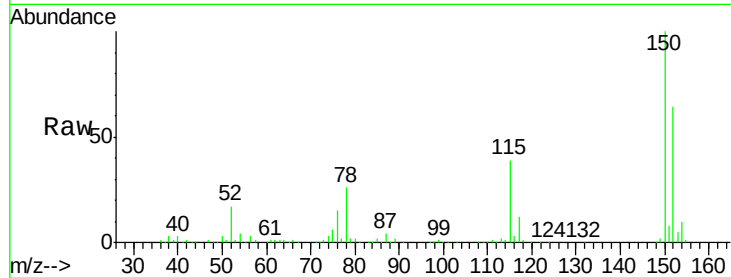




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.90 min Scan# 818
 Delta R.T. 0.00 min
 Lab File: BF113905.D
 Acq: 23 Apr 2019 3:32

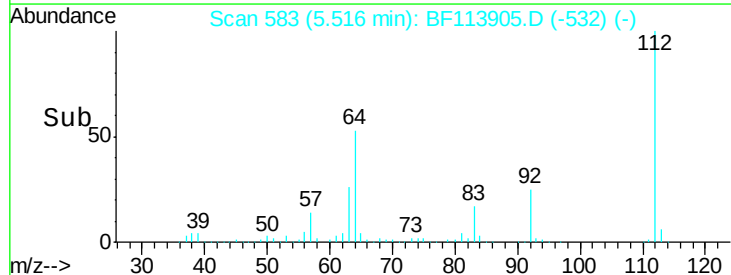
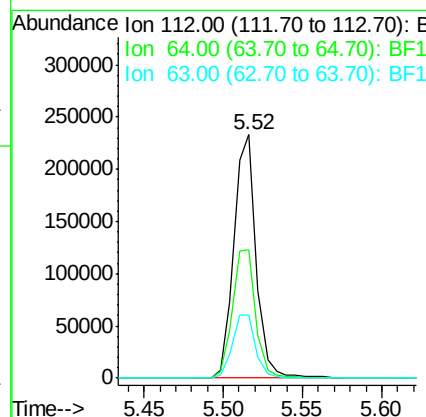
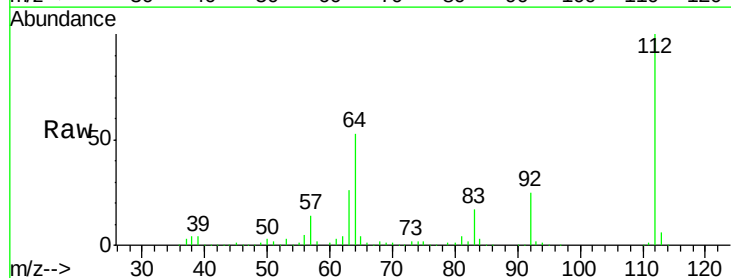
Instrument :
 BNA_F
 ClientSampleId :
 SU-02-041819-B

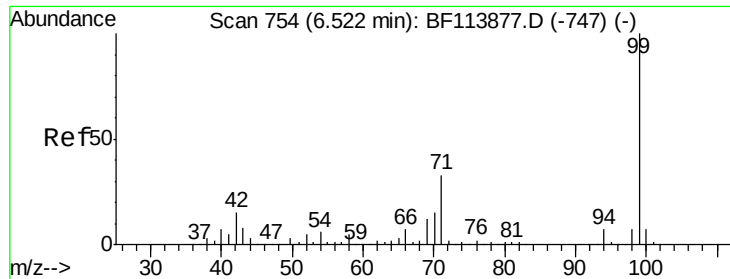
Tgt Ion:152 Resp: 204599
 Ion Ratio Lower Upper
 152 100
 150 155.3 125.9 188.9
 115 60.0 45.9 68.9



#5
 2-Fluorophenol
 Concen: 18.928 ng
 RT: 5.52 min Scan# 583
 Delta R.T. 0.00 min
 Lab File: BF113905.D
 Acq: 23 Apr 2019 3:32

Tgt Ion:112 Resp: 226419
 Ion Ratio Lower Upper
 112 100
 64 52.9 46.6 69.8
 63 25.8 23.1 34.7





#7

Phenol-d6

Concen: 19.298 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF113905.D

Acq: 23 Apr 2019 3:32

Instrument :

BNA_F

ClientSampleId :

SU-02-041819-B

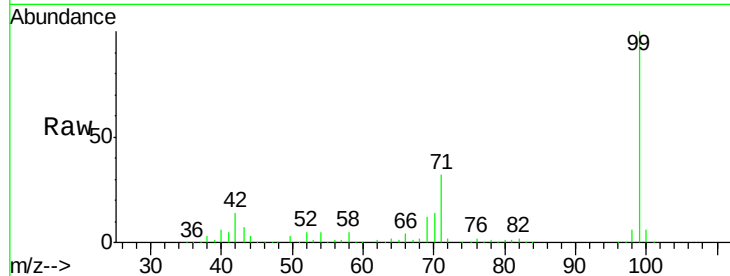
Tgt Ion: 99 Resp: 289628

Ion Ratio Lower Upper

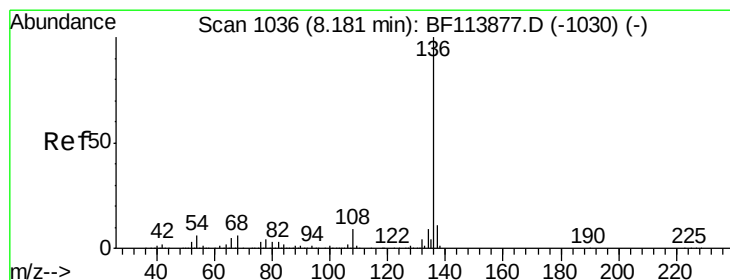
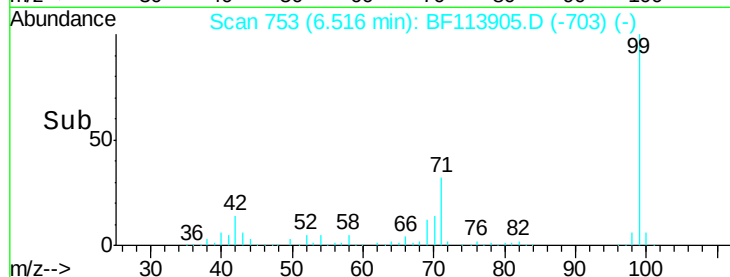
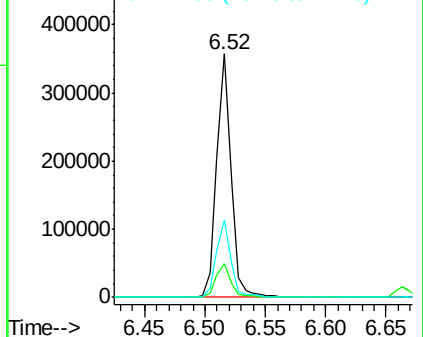
99 100

42 13.9 12.5 18.7

71 31.9 26.9 40.3



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: 8.18 min Scan# 1036

Delta R.T. 0.00 min

Lab File: BF113905.D

Acq: 23 Apr 2019 3:32

Tgt Ion: 136 Resp: 728916

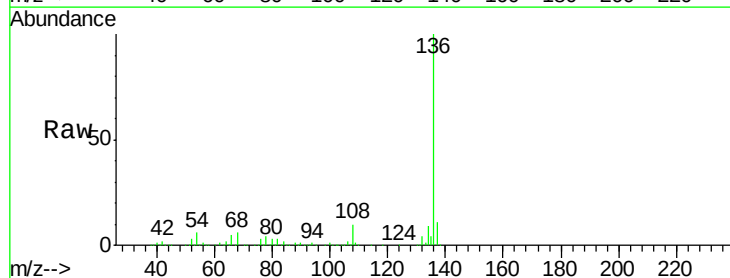
Ion Ratio Lower Upper

136 100

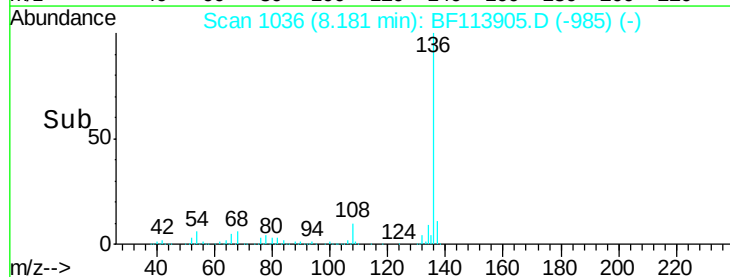
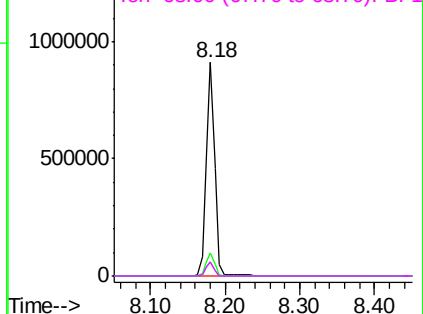
137 11.1 8.6 12.8

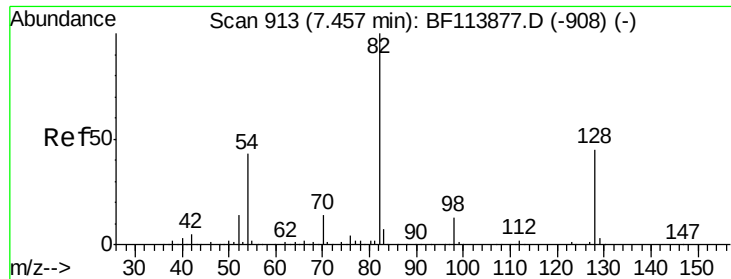
54 6.3 5.0 7.6

68 6.3 4.9 7.3



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

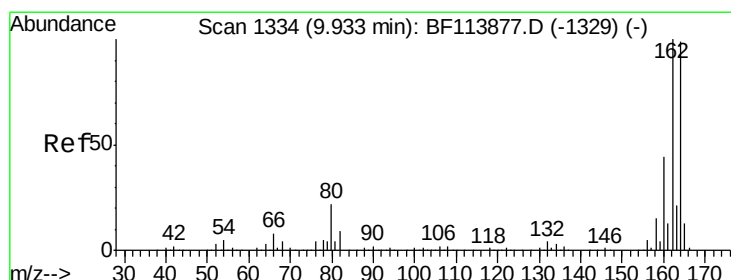
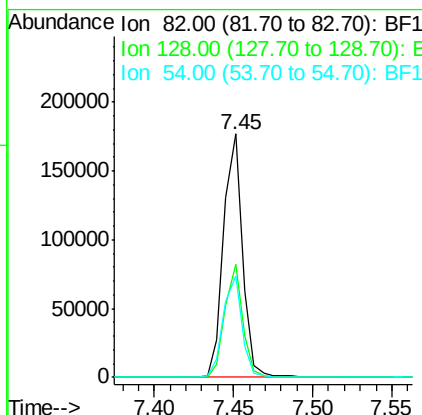
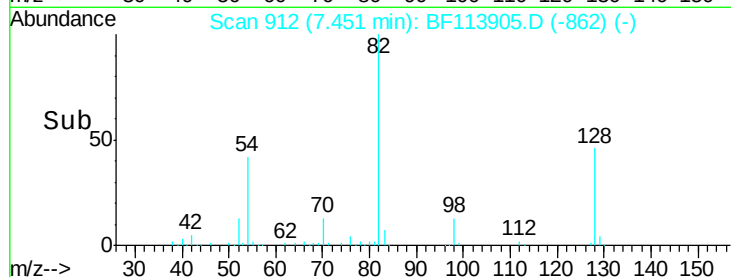
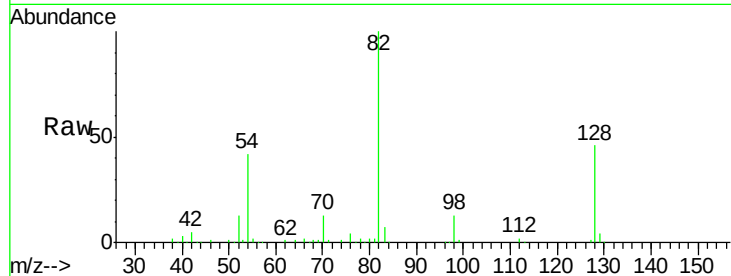




#23
 Nitrobenzene-d5
 Concen: 12.427 ng
 RT: 7.45 min Scan# 912
 Delta R.T. -0.01 min
 Lab File: BF113905.D
 Acq: 23 Apr 2019 3:32

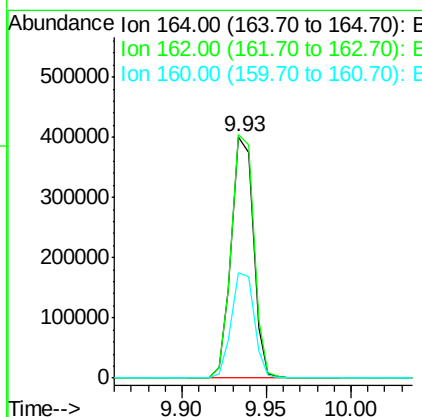
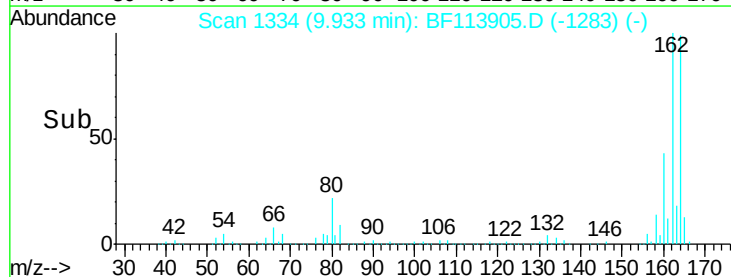
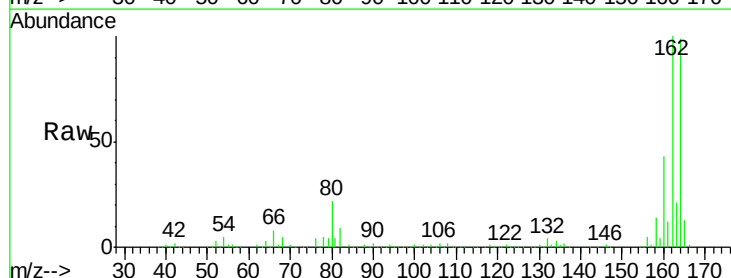
Instrument :
 BNA_F
 ClientSampleId :
 SU-02-041819-B

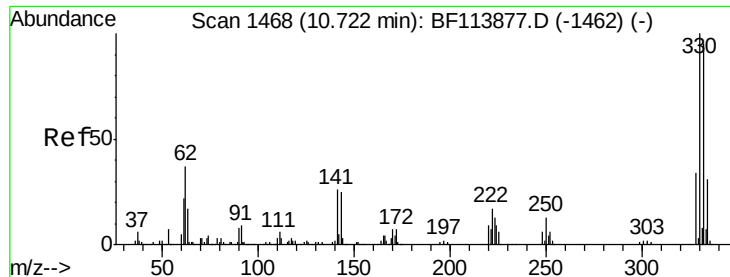
Tgt Ion	Ratio	Lower	Upper
82	100		
128	46.3	36.8	55.2
54	41.6	33.8	50.6



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: BF113905.D
 Acq: 23 Apr 2019 3:32

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.8	81.1	121.7
160	43.8	35.8	53.6

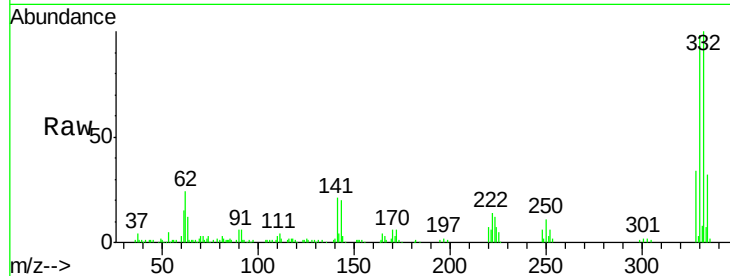




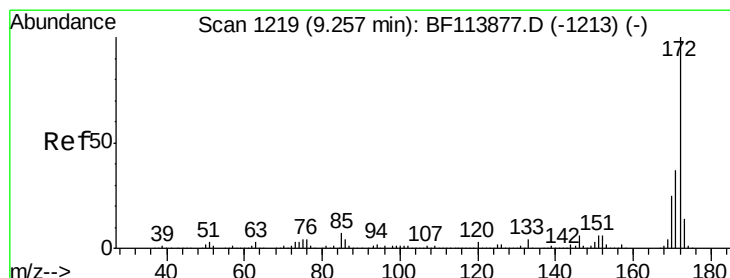
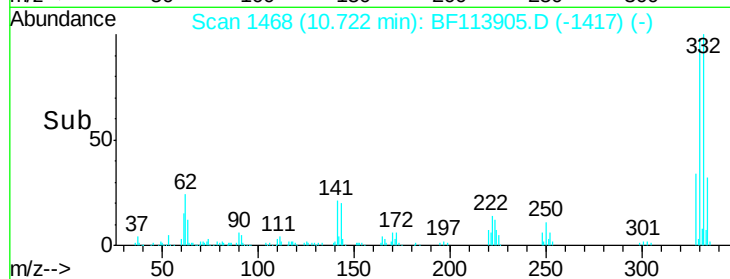
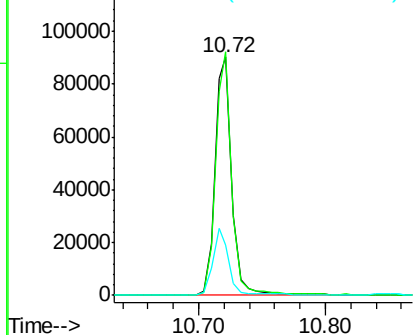
#42
 2,4,6-Tribromophenol
 Concen: 19.138 ng
 RT: 10.72 min Scan# 1468
 Delta R.T. 0.00 min
 Lab File: BF113905.D
 Acq: 23 Apr 2019 3:32

Instrument :
 BNA_F
 ClientSampleId :
 SU-02-041819-B

Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.0	77.5	116.3
141	27.6	22.2	33.2

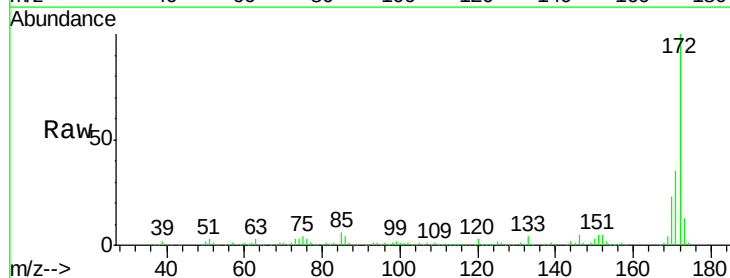


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

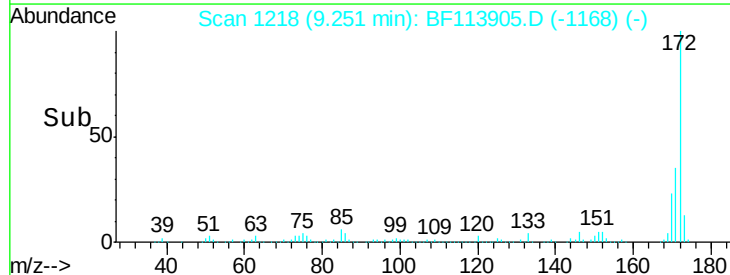
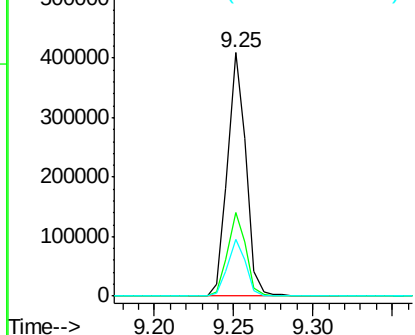


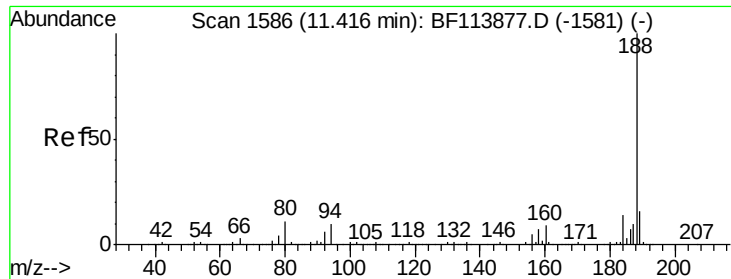
#45
 2-Fluorobiphenyl
 Concen: 14.167 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. -0.00 min
 Lab File: BF113905.D
 Acq: 23 Apr 2019 3:32

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.5	29.4	44.0
170	23.1	19.9	29.9



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: 11.42 min Scan# 1587

Delta R.T. 0.01 min

Lab File: BF113905.D

Acq: 23 Apr 2019 3:32

Instrument :

BNA_F

ClientSampleId :

SU-02-041819-B

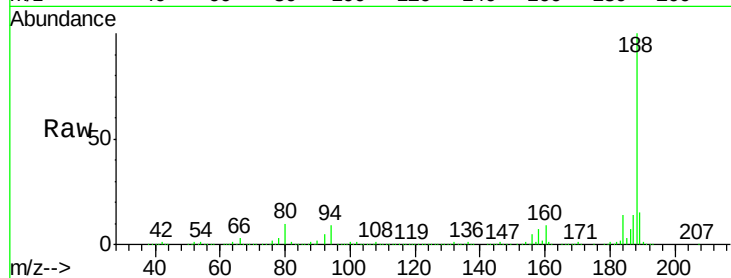
Tgt Ion:188 Resp: 765831

Ion Ratio Lower Upper

188 100

94 8.9 8.2 12.4

80 10.0 9.0 13.6



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

1200000

1000000

800000

600000

400000

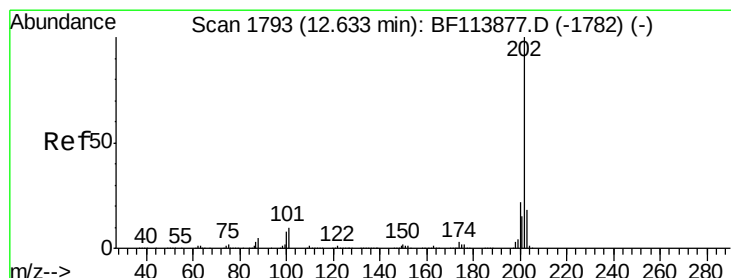
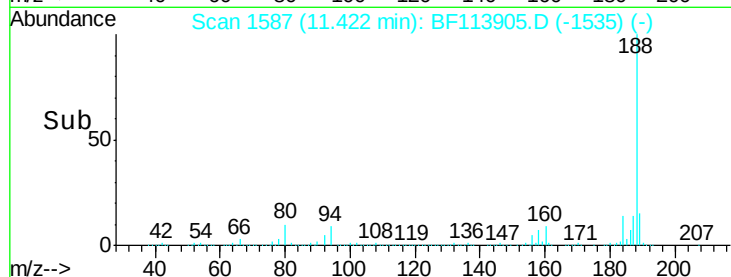
200000

0

11.42

11.35 11.40 11.45

Time-->



#75

Fluoranthene

Concen: 2.228 ng

RT: 12.63 min Scan# 1793

Delta R.T. 0.00 min

Lab File: BF113905.D

Acq: 23 Apr 2019 3:32

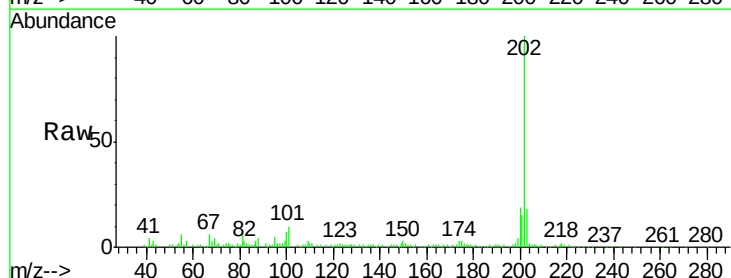
Tgt Ion:202 Resp: 93553

Ion Ratio Lower Upper

202 100

101 10.0 0.0 32.9

203 17.8 0.0 38.2



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

100000

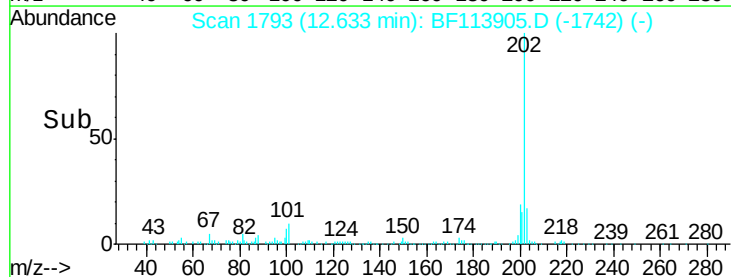
50000

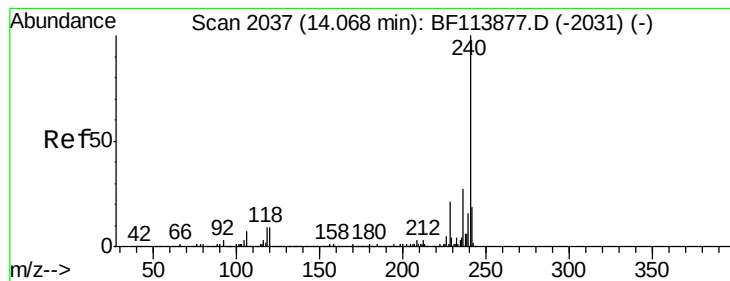
0

12.63

12.55 12.60 12.65

Time-->





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BF113905.D

Acq: 23 Apr 2019 3:32

Instrument :

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SU-02-041819-B

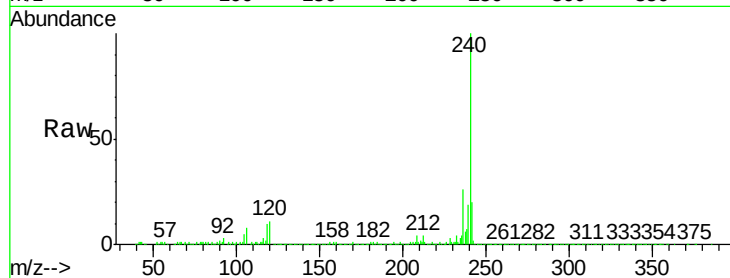
Tgt Ion:240 Resp: 635860

Ion Ratio Lower Upper

240 100

120 10.7 9.3 13.9

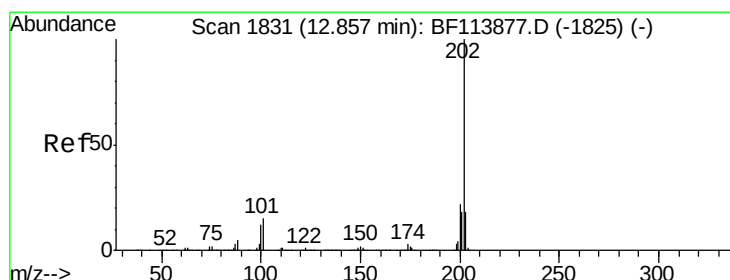
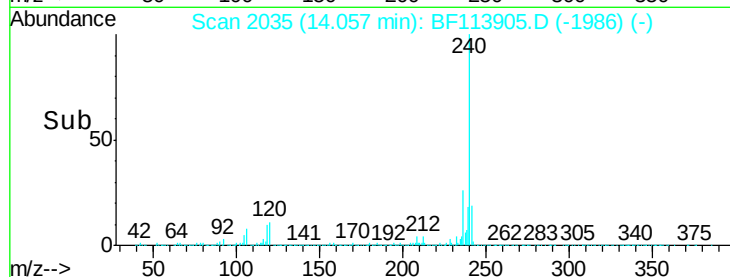
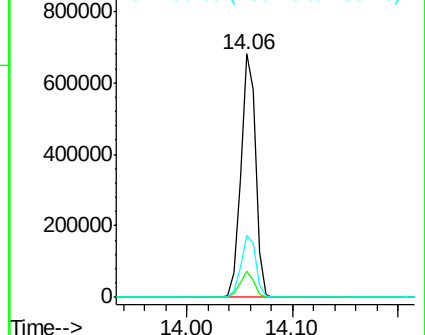
236 25.7 21.2 31.8



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: 2.057 ng

RT: 12.86 min Scan# 1832

Delta R.T. 0.01 min

Lab File: BF113905.D

Acq: 23 Apr 2019 3:32

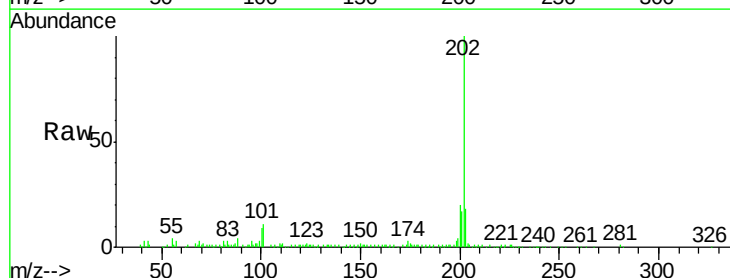
Tgt Ion:202 Resp: 91474

Ion Ratio Lower Upper

202 100

200 19.8 17.7 26.5

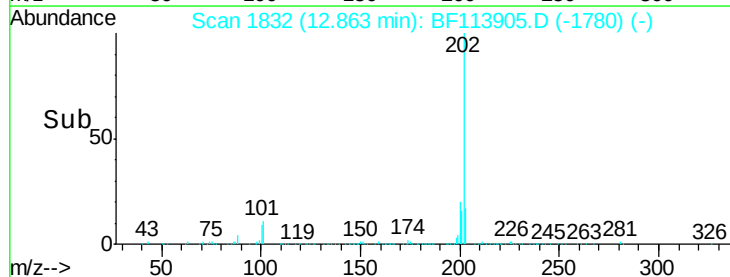
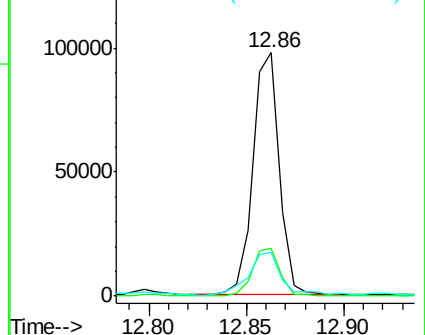
203 17.9 15.0 22.6

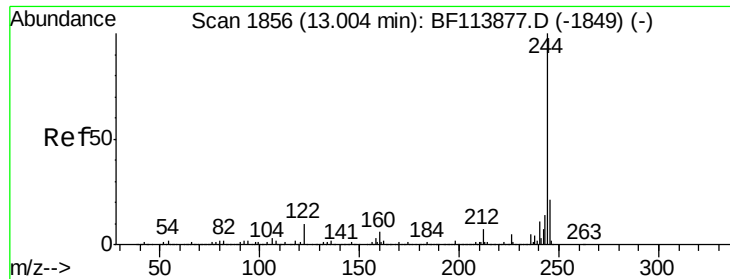


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 14.356 ng

RT: 13.00 min Scan# 1855

Delta R.T. -0.01 min

Lab File: BF113905.D

Acq: 23 Apr 2019 3:32

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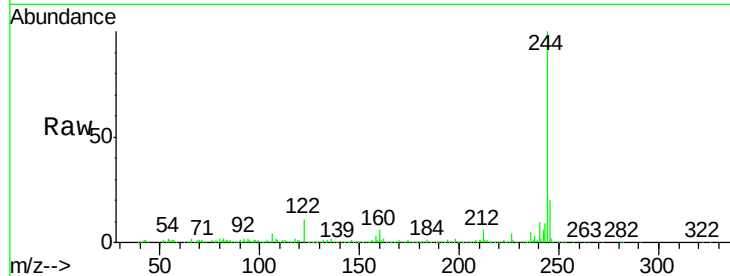
Tgt Ion:244 Resp: 445269

Ion Ratio Lower Upper

244 100

212 6.4 5.4 8.2

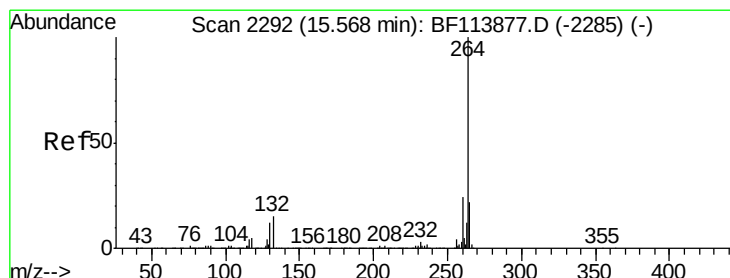
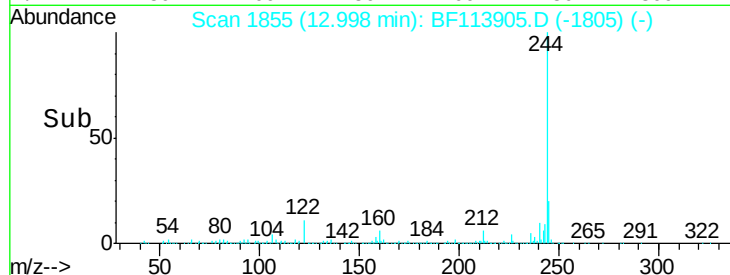
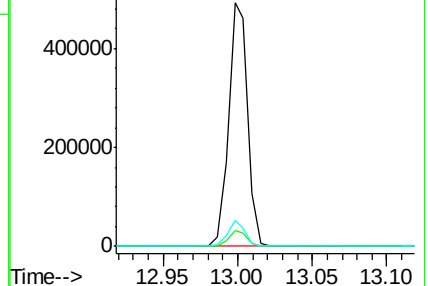
122 10.6 7.6 11.4



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: 15.54 min Scan# 2288

Delta R.T. -0.02 min

Lab File: BF113905.D

Acq: 23 Apr 2019 3:32

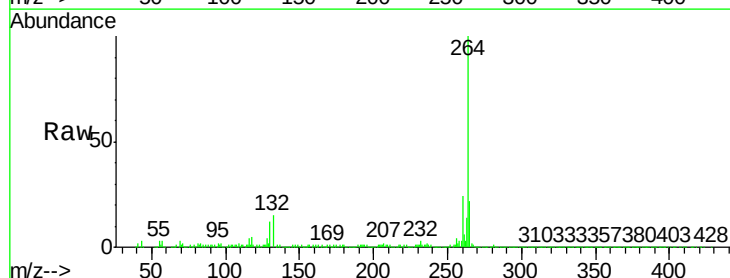
Tgt Ion:264 Resp: 527627

Ion Ratio Lower Upper

264 100

260 23.9 18.9 28.3

265 22.0 17.3 25.9



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

