

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090819\
 Data File : BF116884.D
 Acq On : 8 Sep 2019 22:13
 Operator : HP/JU
 Sample : K4757-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 A-0-4

Quant Time: Sep 09 02:26:12 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 30 20:02:30 2019
 Response via : Initial Calibration

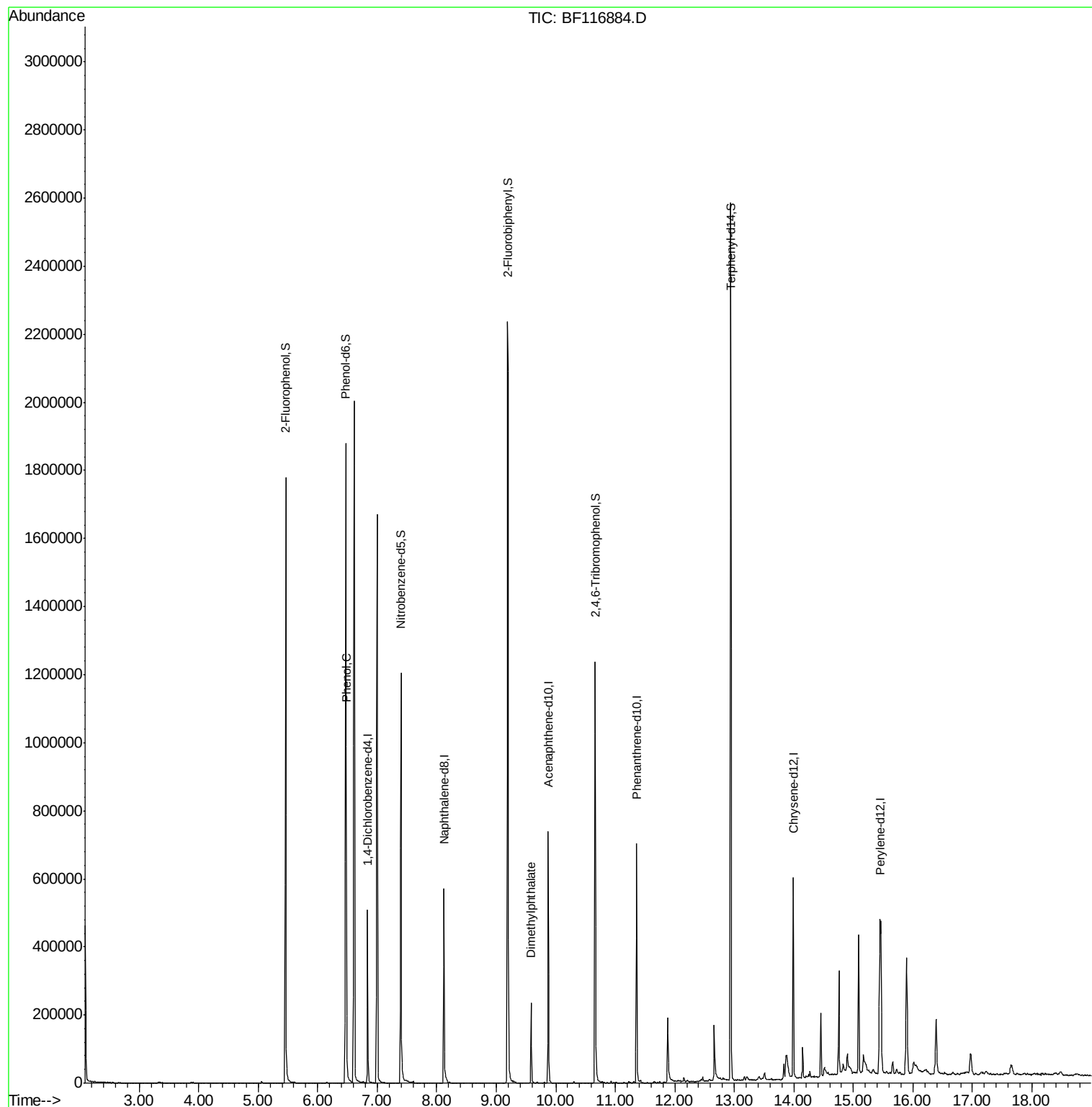
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	72626	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	287514	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	150614	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	254030	20.00	ng	-0.01
76) Chrysene-d12	13.99	240	207050	20.00	ng	0.00
87) Perylene-d12	15.44	264	206659	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	514553	114.78	ng	0.00
7) Phenol-d6	6.47	99	699675	118.86	ng	0.00
23) Nitrobenzene-d5	7.40	82	430452	85.47	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	144075	143.09	ng	-0.01
45) 2-Fluorobiphenyl	9.20	172	744751	83.41	ng	-0.01
79) Terphenyl-d14	12.94	244	780809	69.76	ng	-0.01
Target Compounds						
10) Phenol	6.49	94	26279	4.032	ng	96
50) Dimethylphthalate	9.59	163	106990	10.289	ng	98

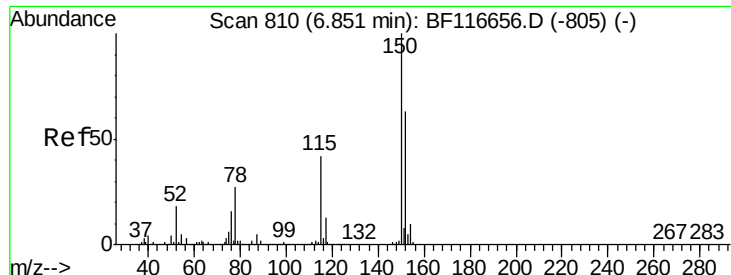
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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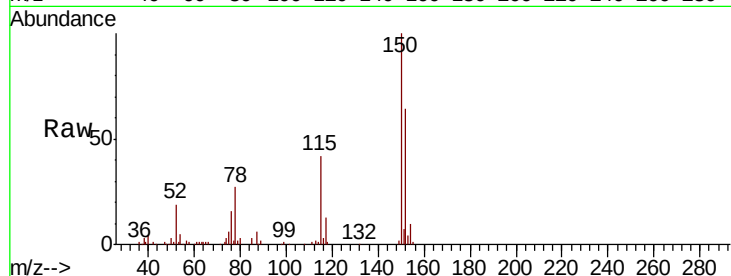


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF116884.D
Acq: 8 Sep 2019 22:13

Instrument :
BNA_F
ClientSampleId :
A-0-4

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.8	124.4	186.6
115	66.0	49.9	74.9

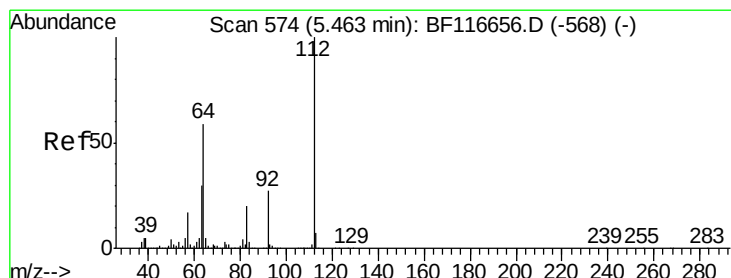
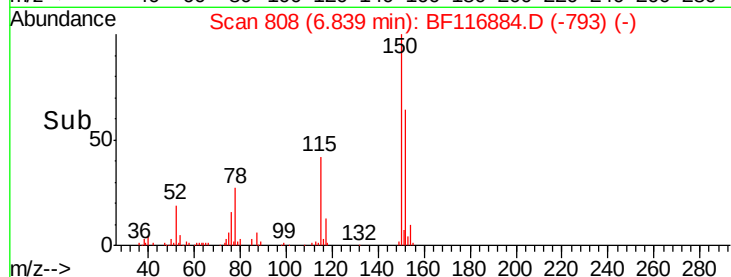
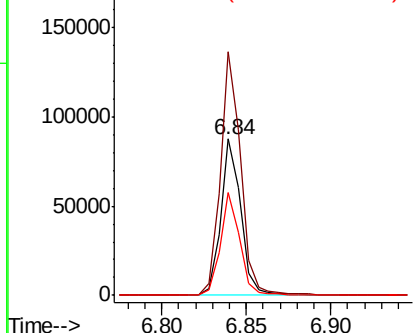


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

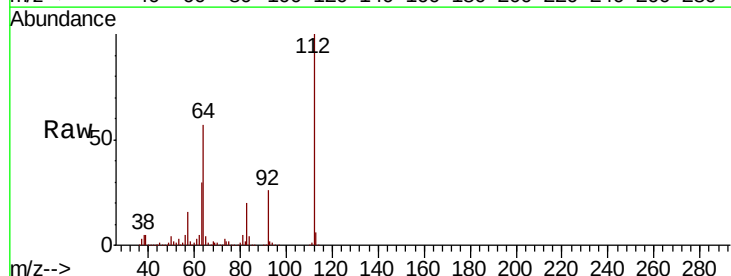
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 114.781 ng
RT: 5.46 min Scan# 574
Delta R.T. 0.00 min
Lab File: BF116884.D
Acq: 8 Sep 2019 22:13

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.8	47.1	70.7
63	29.7	24.9	37.3

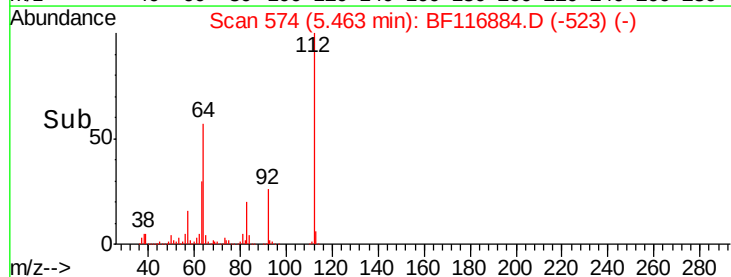
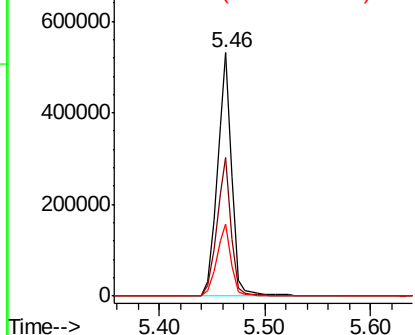


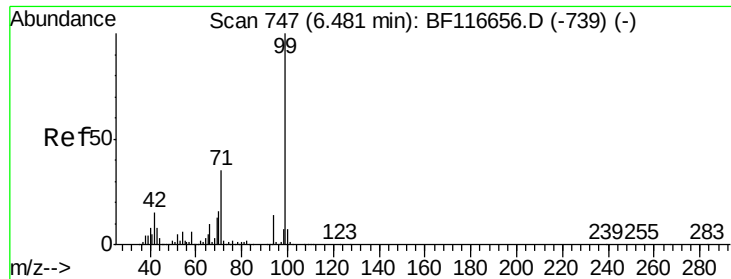
Abundance

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: 118.859 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF116884.D

Acq: 8 Sep 2019 22:13

Instrument :

BNA_F

ClientSampleId :

A-0-4

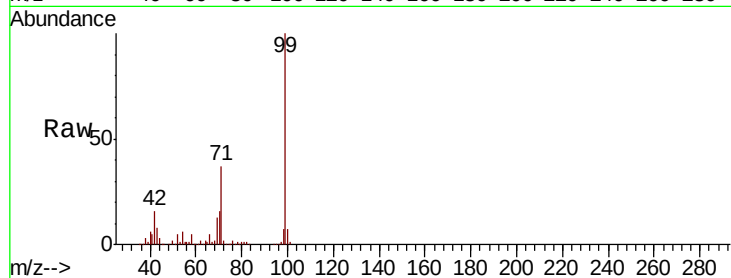
Tot Ion: 99 Resp: 699675

Ion Ratio Lower Upper

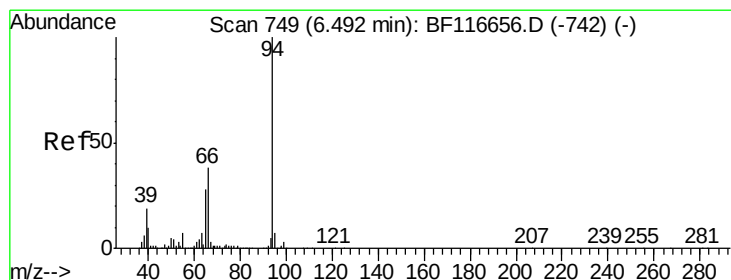
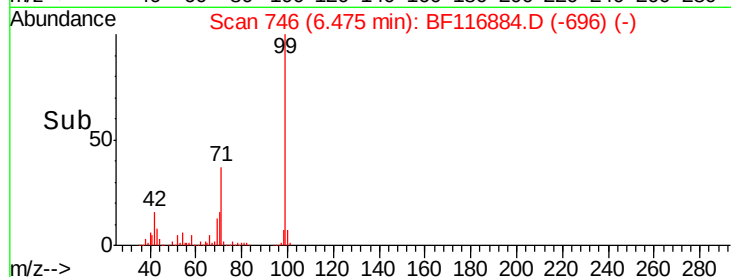
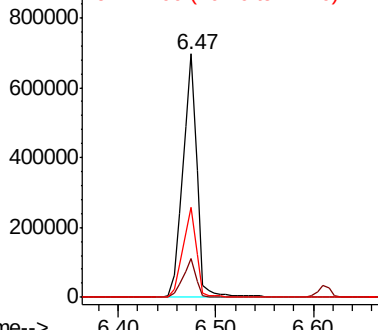
99 100

42 15.8 13.7 20.5

71 36.8 30.8 46.2



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



#10

Phenol

Concen: 4.032 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF116884.D

Acq: 8 Sep 2019 22:13

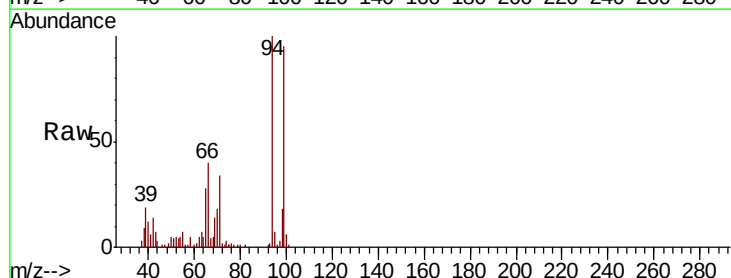
Tgt Ion: 94 Resp: 26279

Ion Ratio Lower Upper

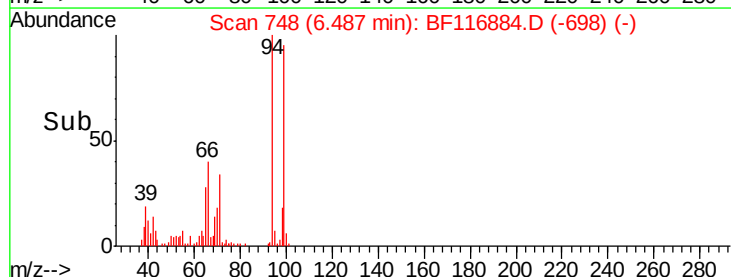
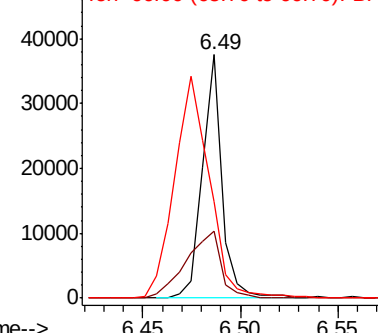
94 100

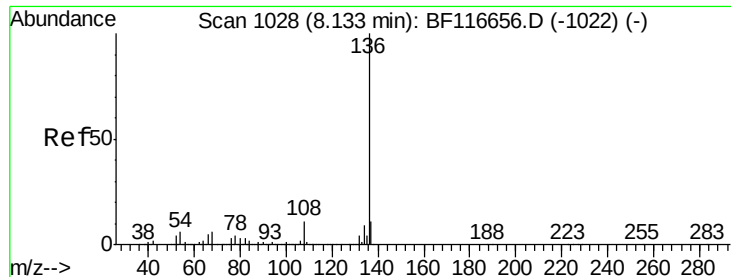
65 27.6 10.8 50.8

66 39.6 21.1 61.1



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

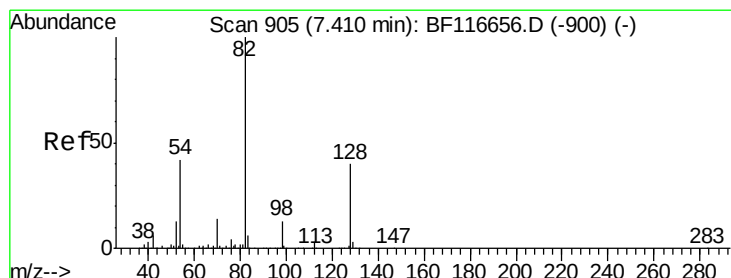
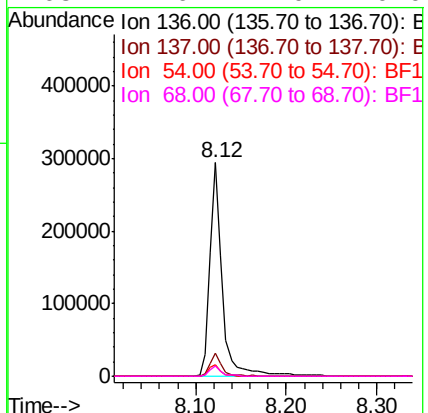
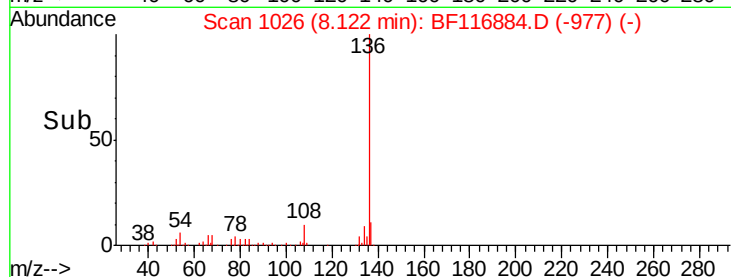
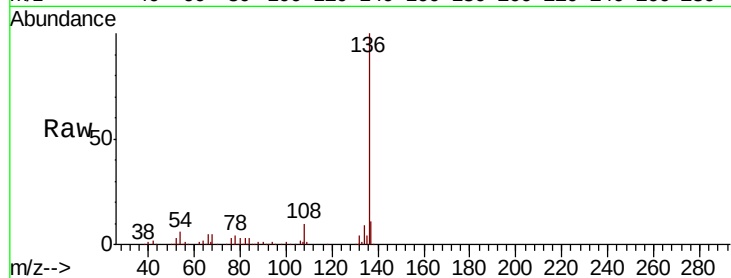




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF116884.D
Acq: 8 Sep 2019 22:13

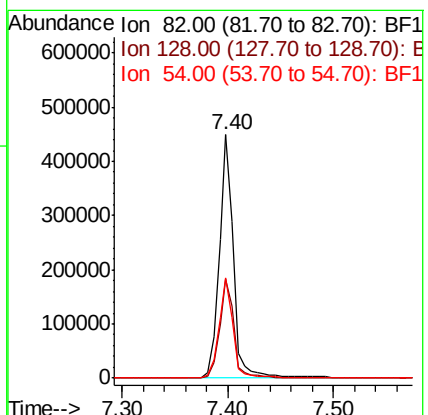
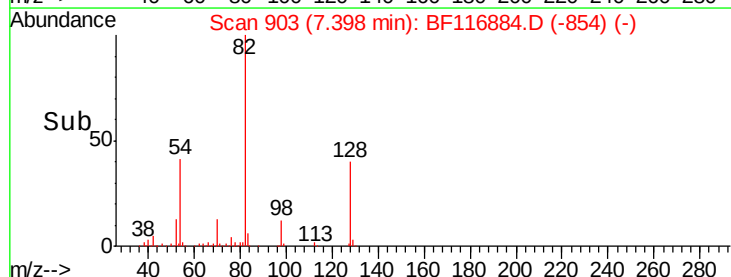
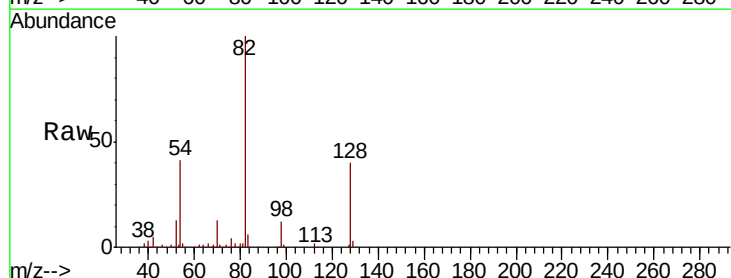
Instrument :
BNA_F
ClientSampleId :
A-0-4

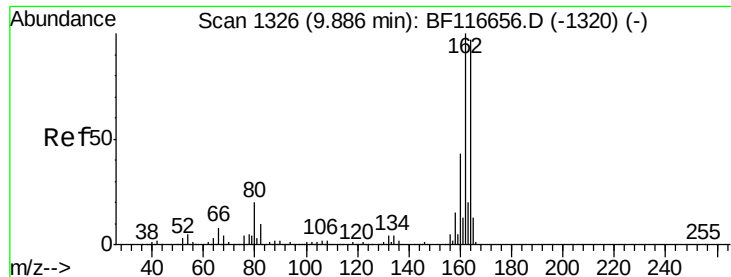
Tot Ion:136	Resp:	287514
Ion Ratio	Lower	Upper
136 100		
137 10.6	8.9	13.3
54 5.6	4.8	7.2
68 4.6	4.0	6.0



#23
Nitrobenzene-d5
Concen: 85.468 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF116884.D
Acq: 8 Sep 2019 22:13

Tgt Ion: 82	Resp: 430452
Ion Ratio	Lower Upper
82 100	
128 40.5	32.8 49.2
54 41.2	36.9 55.3

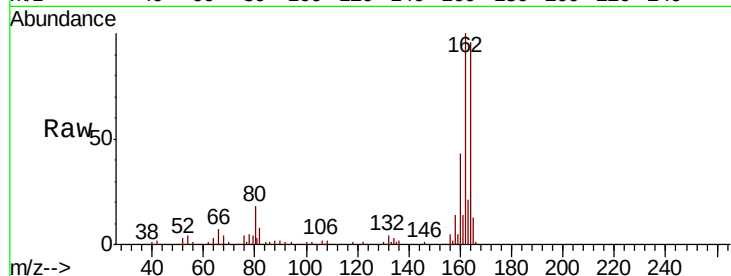




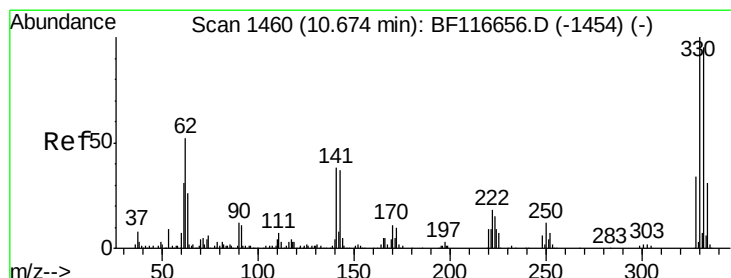
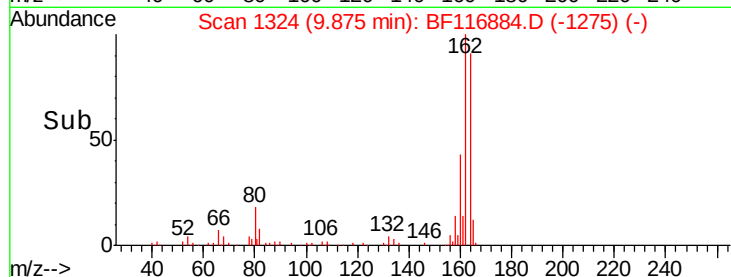
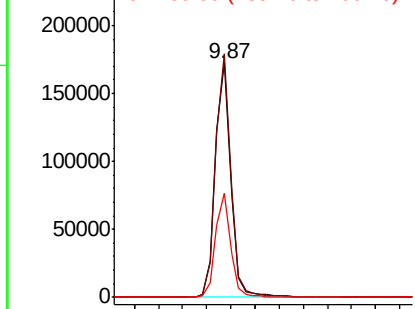
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF116884.D
Acq: 8 Sep 2019 22:13

Instrument :
BNA_F
ClientSampleId :
A-0-4

Tot Ion:164 Resp: 150614
Ion Ratio Lower Upper
164 100
162 104.0 81.4 122.0
160 44.6 35.4 53.2

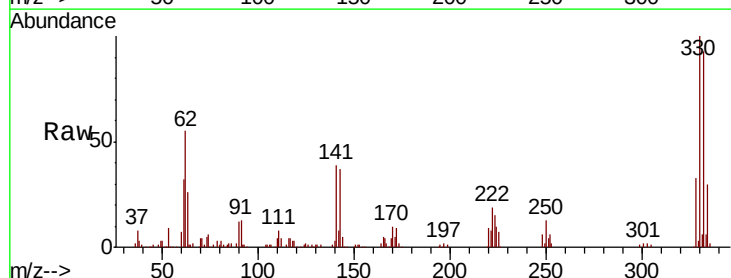


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

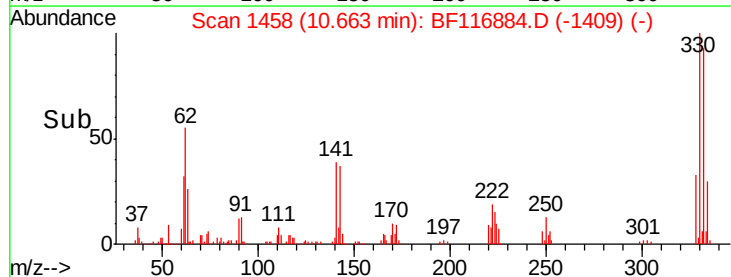
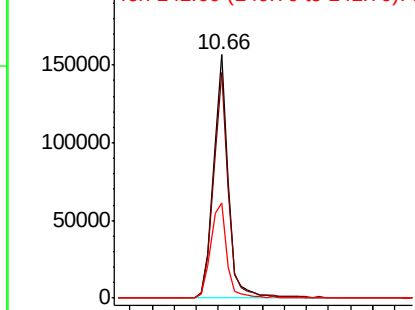


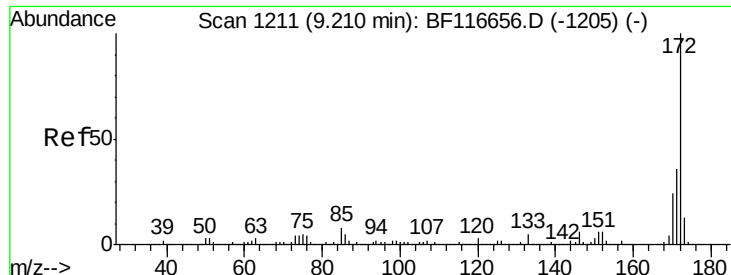
#42
2,4,6-Tribromophenol
Concen: 143.090 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.01 min
Lab File: BF116884.D
Acq: 8 Sep 2019 22:13

Tgt Ion:330 Resp: 144075
Ion Ratio Lower Upper
330 100
332 93.4 76.9 115.3
141 42.9 31.4 47.2



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

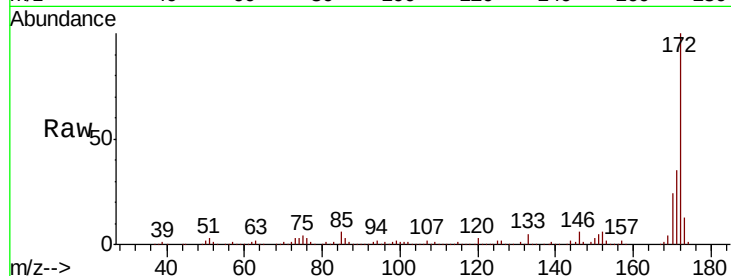




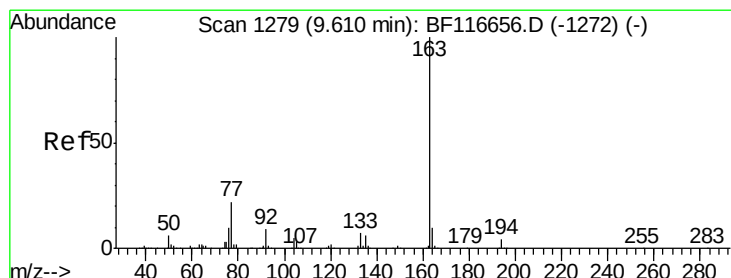
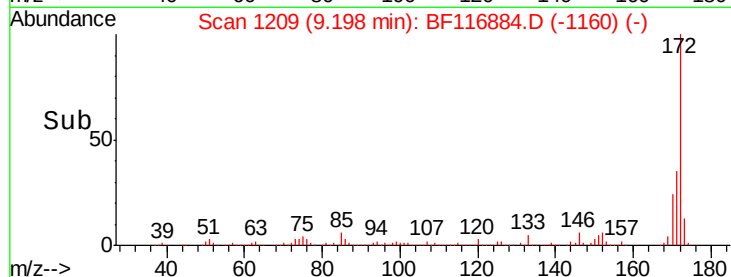
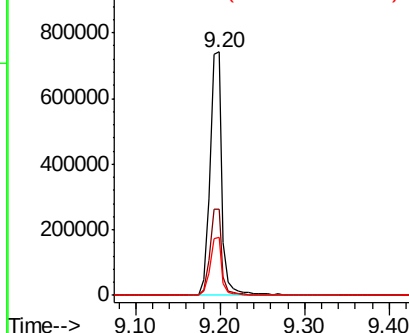
#45
 2-Fluorobiphenyl
 Concen: 83.413 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF116884.D
 Acq: 8 Sep 2019 22:13

Instrument :
 BNA_F
 ClientSampleId :
 A-0-4

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.2	27.8	41.6
170	23.9	18.9	28.3

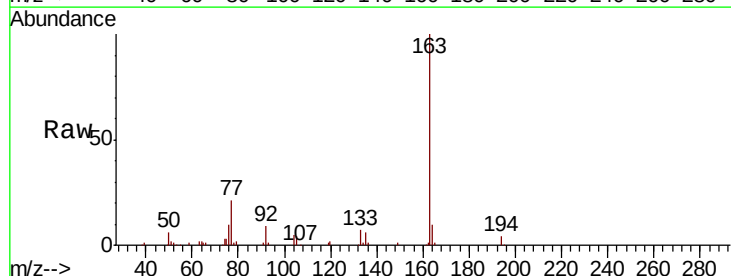


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

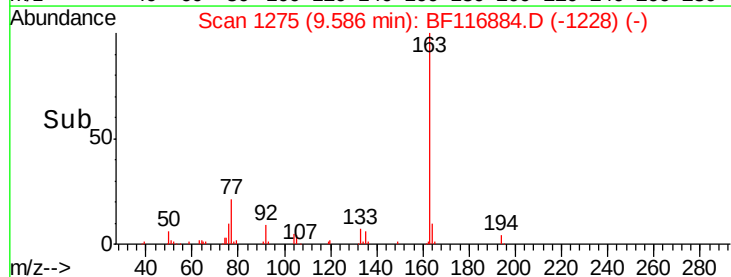
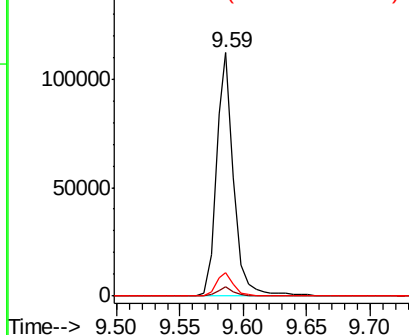


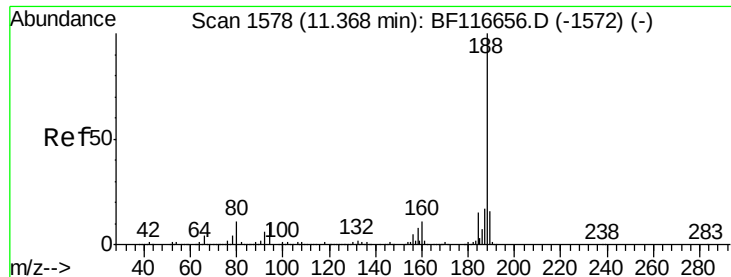
#50
 Dimethylphthalate
 Concen: 10.289 ng
 RT: 9.59 min Scan# 1275
 Delta R.T. -0.02 min
 Lab File: BF116884.D
 Acq: 8 Sep 2019 22:13

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.8	4.2
164	9.7	8.6	12.8



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

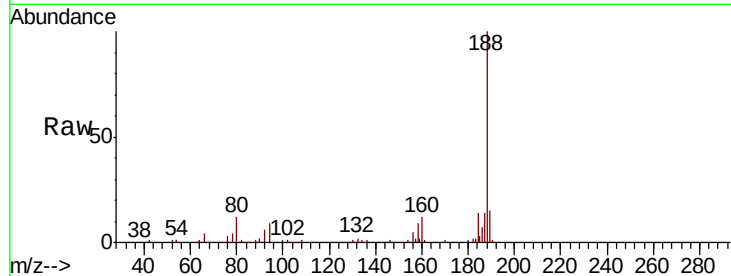




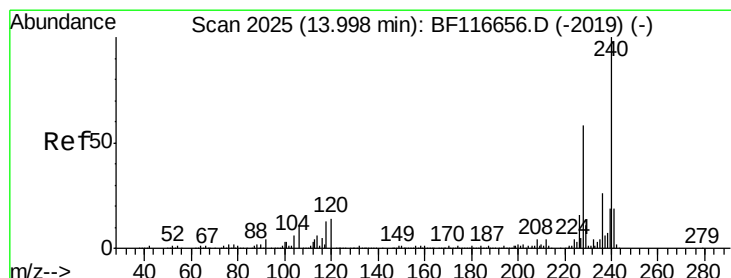
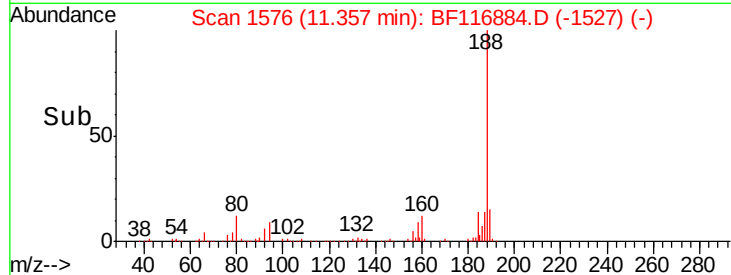
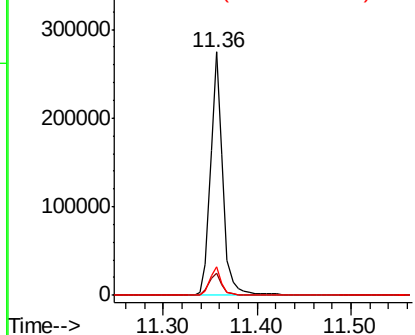
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF116884.D
Acq: 8 Sep 2019 22:13

Instrument :
BNA_F
ClientSampleId :
A-0-4

Tot Ion:188 Resp: 254030
Ion Ratio Lower Upper
188 100
94 9.2 7.3 10.9
80 11.5 8.4 12.6

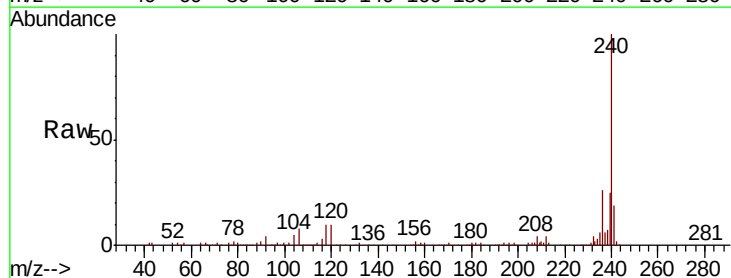


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

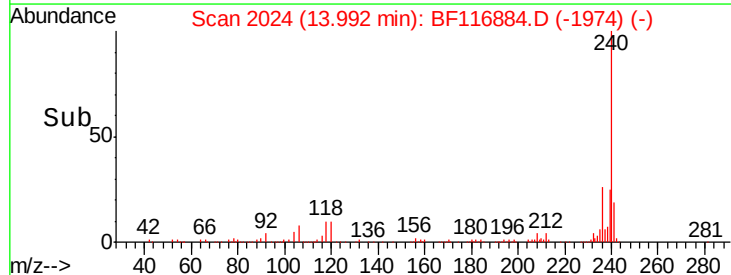
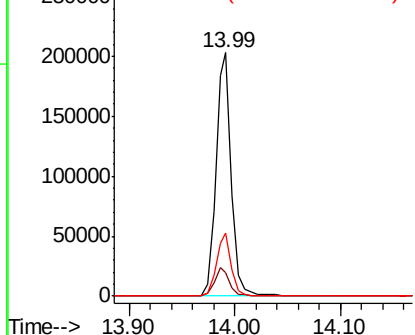


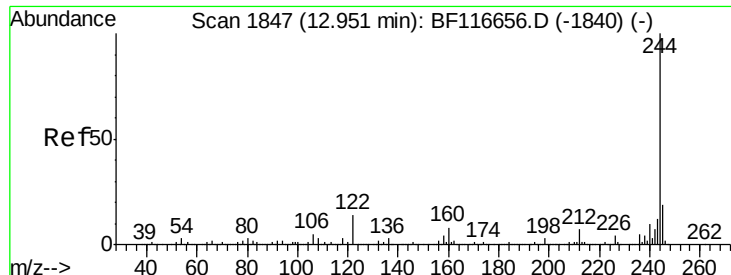
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF116884.D
Acq: 8 Sep 2019 22:13

Tgt Ion:240 Resp: 207050
Ion Ratio Lower Upper
240 100
120 9.8 9.1 13.7
236 26.0 21.1 31.7



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: 69.763 ng

RT: 12.94 min Scan# 1845

Delta R.T. -0.01 min

Lab File: BF116884.D

Acq: 8 Sep 2019 22:13

Instrument :

BNA_F

ClientSampleId :

A-0-4

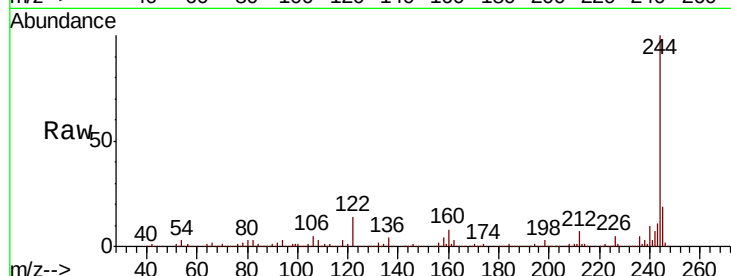
Tot Ion:244 Resp: 780809

Ion Ratio Lower Upper

244 100

212 7.3 6.1 9.1

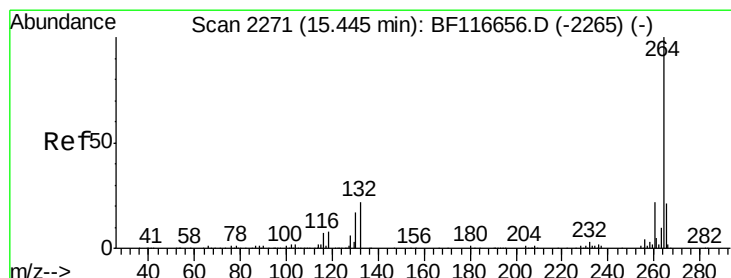
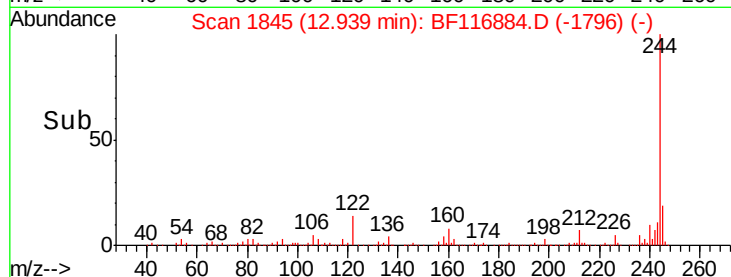
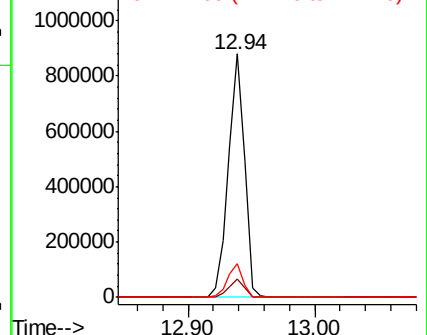
122 14.0 10.2 15.4



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: 15.44 min Scan# 2271

Delta R.T. 0.00 min

Lab File: BF116884.D

Acq: 8 Sep 2019 22:13

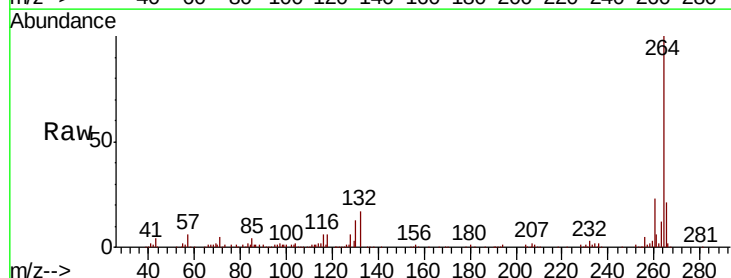
Tgt Ion:264 Resp: 206659

Ion Ratio Lower Upper

264 100

260 23.0 18.3 27.5

265 20.5 16.5 24.7



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

