

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051319\
 Data File : BF114222.D
 Acq On : 13 May 2019 12:21
 Operator : JU/SJ
 Sample : K2750-03
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-11995

Quant Time: May 13 14:32:36 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 10 15:56:46 2019
 Response via : Initial Calibration

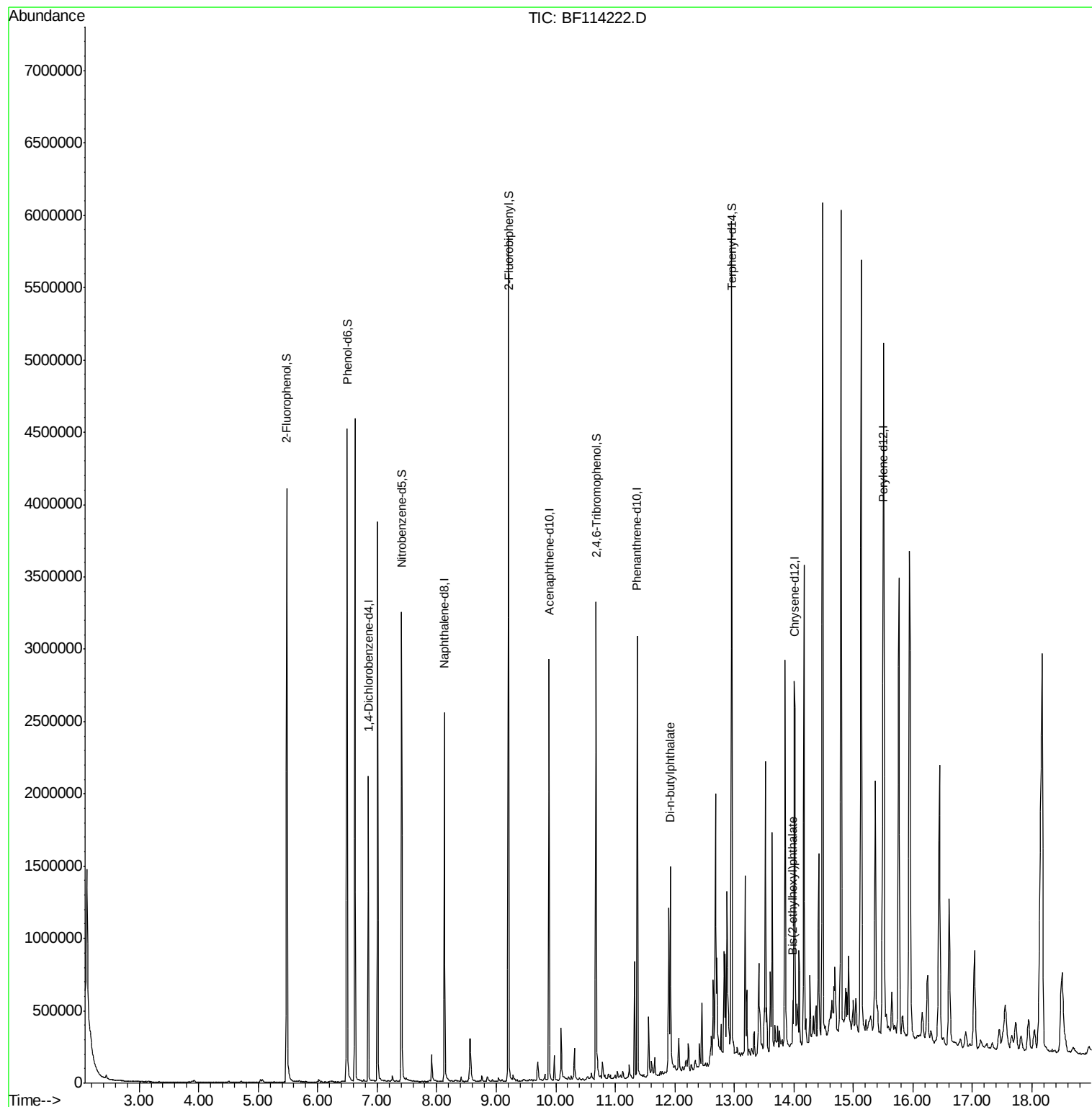
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	284892	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	1109841	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	540678	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	1117398	20.00	ng	0.00
76) Chrysene-d12	14.01	240	869080	20.00	ng	-0.01
87) Perylene-d12	15.49	264	731194	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	1143978	64.62	ng	0.00
7) Phenol-d6	6.49	99	1524812	72.82	ng	0.00
23) Nitrobenzene-d5	7.41	82	977064	49.41	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	385942	69.05	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	1786282	49.98	ng	0.00
79) Terphenyl-d14	12.96	244	2038250	48.35	ng	0.00
Target Compounds						
74) Di-n-butylphthalate	11.93	149	624224	10.406	ng	99
84) Bis(2-ethylhexyl)phthalate	13.99	149	79031	2.053	ng	98

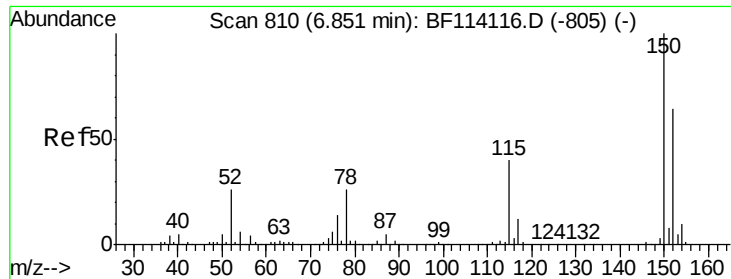
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BNA_F
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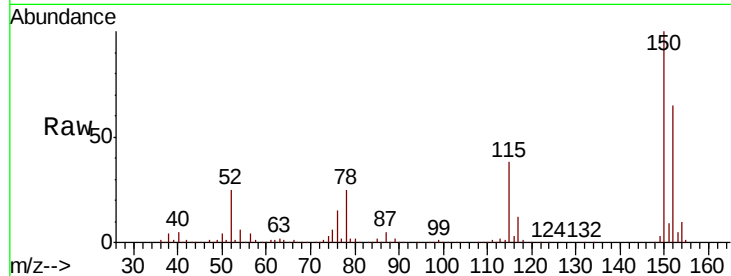




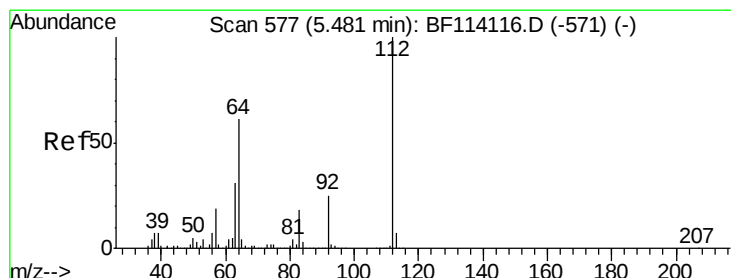
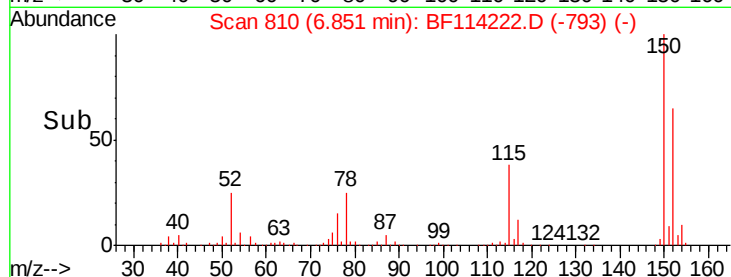
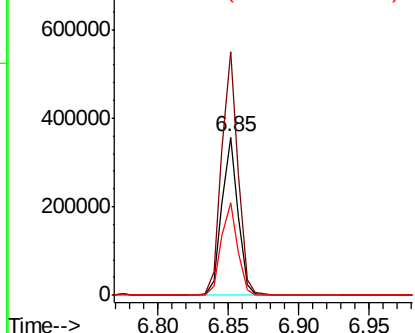
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.85 min Scan# 810
 Delta R.T. -0.00 min
 Lab File: BF114222.D
 Acq: 13 May 2019 12:21

Instrument :
 BNA_F
 ClientSampleId :
 72-11995

Tot Ion:152 Resp: 284892
 Ion Ratio Lower Upper
 152 100
 150 154.1 124.3 186.5
 115 58.2 49.1 73.7

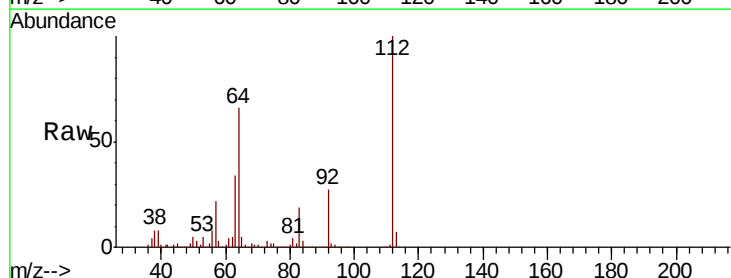


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

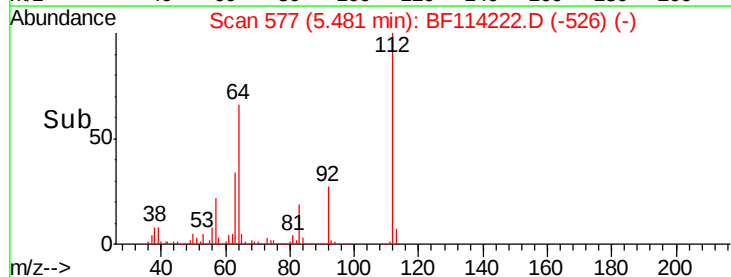
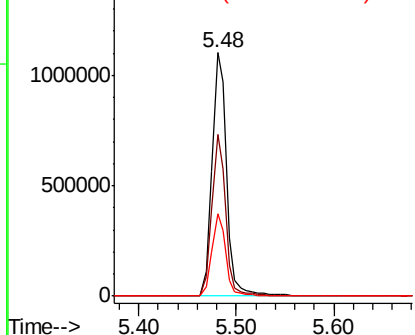


#5
 2-Fluorophenol
 Concen: 64.620 ng
 RT: 5.48 min Scan# 577
 Delta R.T. 0.00 min
 Lab File: BF114222.D
 Acq: 13 May 2019 12:21

Tgt Ion:112 Resp: 1143978
 Ion Ratio Lower Upper
 112 100
 64 66.5 49.0 73.6
 63 33.7 24.6 37.0



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: 72.824 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.00 min

Lab File: BF114222.D

Acq: 13 May 2019 12:21

Instrument :

BNA_F

ClientSampleId :

72-11995

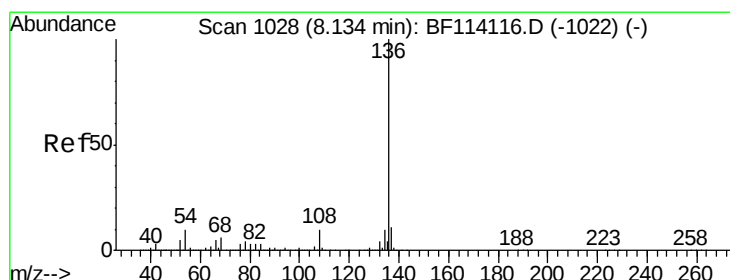
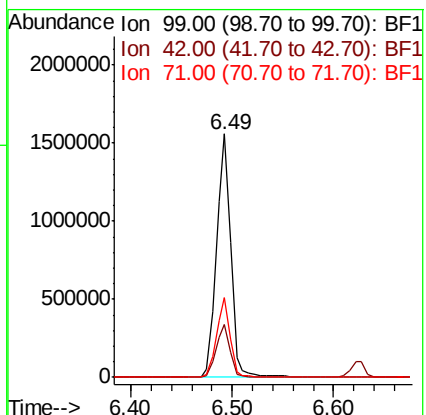
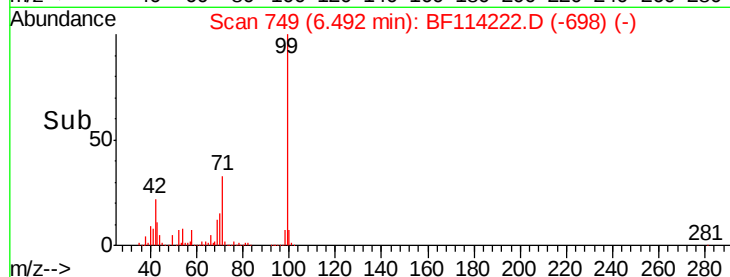
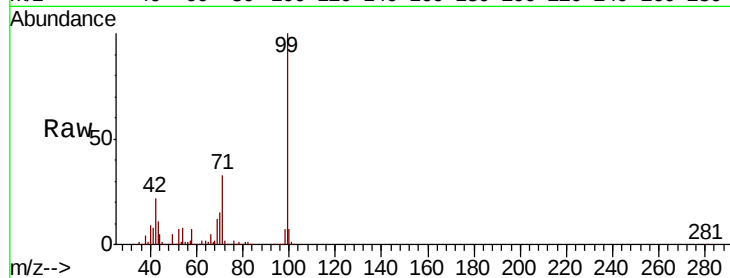
Tot Ion: 99 Resp: 1524812

Ion Ratio Lower Upper

99 100

42 21.8 17.9 26.9

71 32.8 26.2 39.2



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1028

Delta R.T. -0.00 min

Lab File: BF114222.D

Acq: 13 May 2019 12:21

Tgt Ion: 136 Resp: 1109841

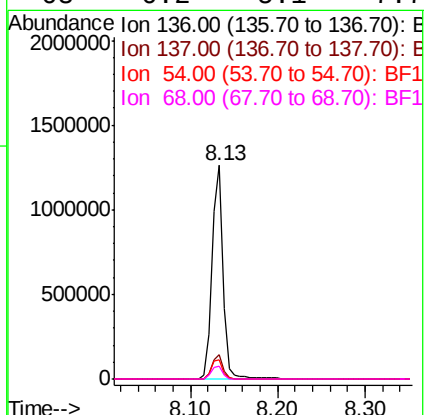
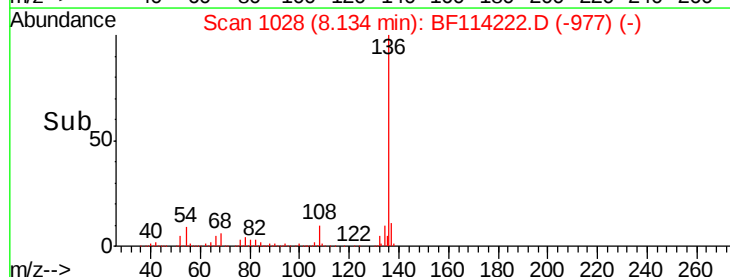
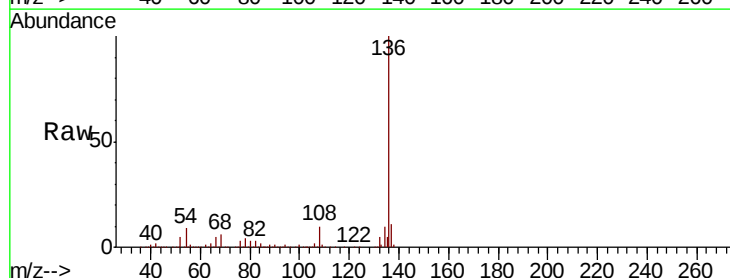
Ion Ratio Lower Upper

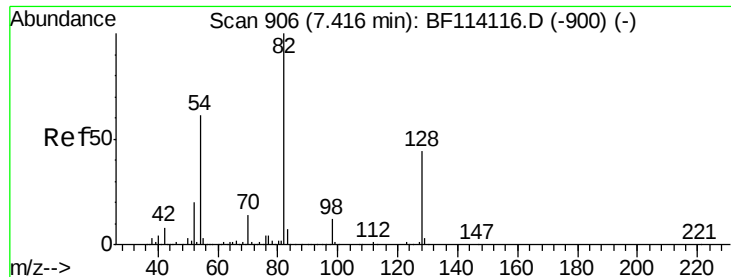
136 100

137 11.2 8.8 13.2

54 9.1 7.8 11.8

68 6.2 5.1 7.7

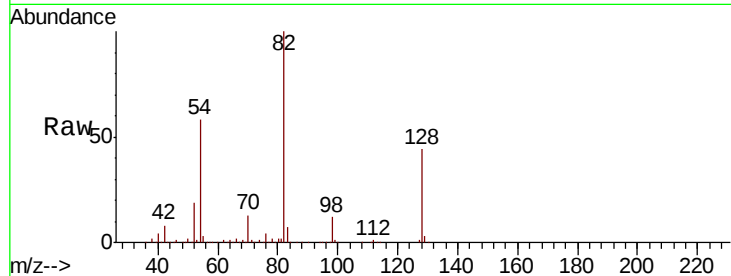




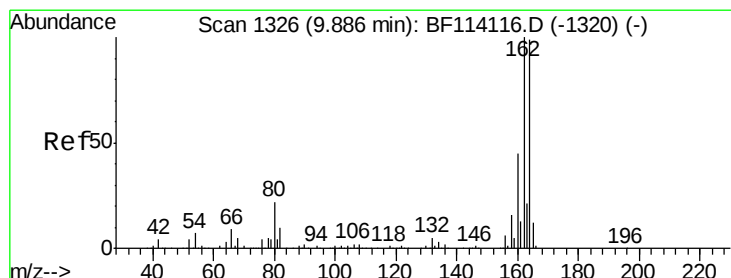
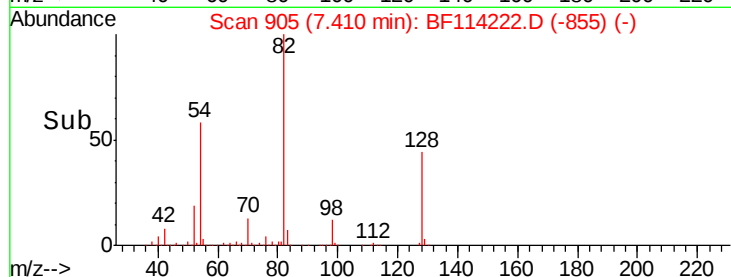
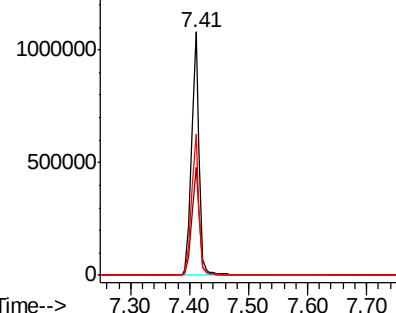
#23
Nitrobenzene-d5
Concen: 49.406 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF114222.D
Acq: 13 May 2019 12:21

Instrument :
BNA_F
ClientSampleId :
72-11995

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.5	35.5	53.3
54	57.8	48.5	72.7

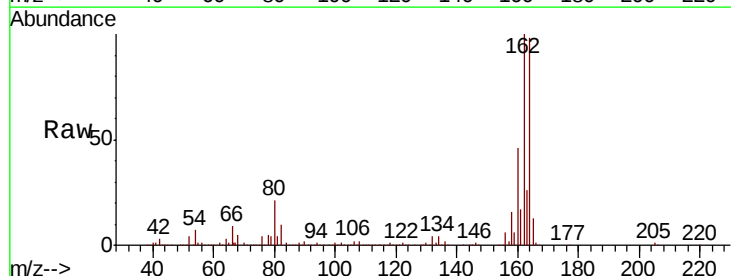


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

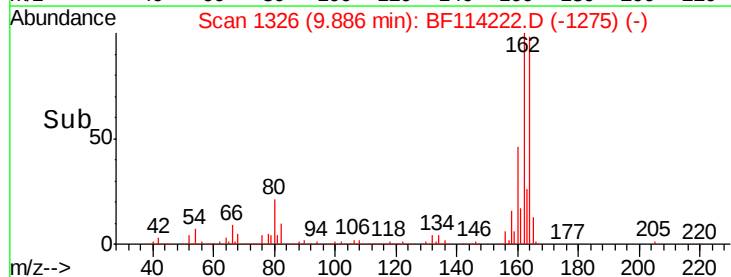
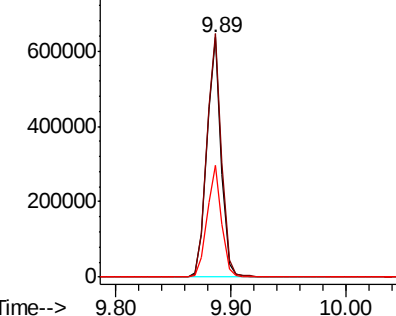


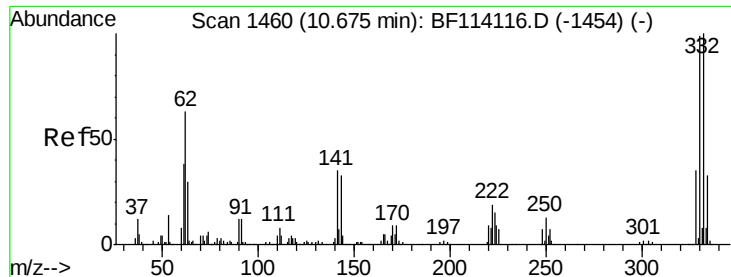
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BF114222.D
Acq: 13 May 2019 12:21

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.8	80.6	120.8
160	46.6	36.5	54.7



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

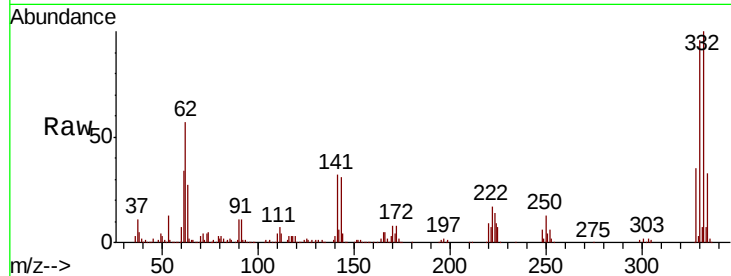




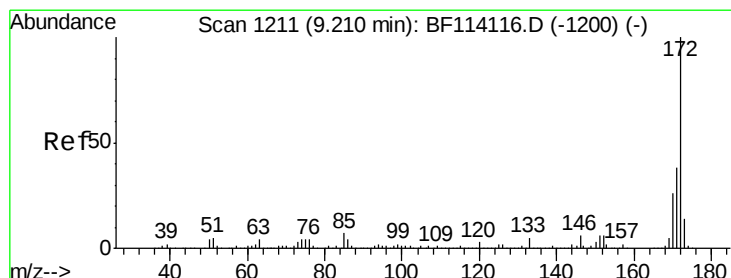
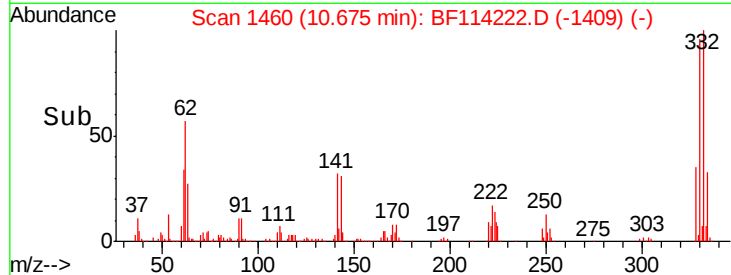
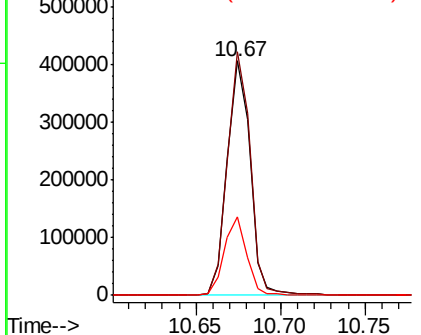
#42
 2,4,6-Tribromophenol
 Concen: 69.045 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. -0.00 min
 Lab File: BF114222.D
 Acq: 13 May 2019 12:21

Instrument :
 BNA_F
 ClientSampled :
 72-11995

Tot Ion	Ratio	Lower	Upper
330	100		
332	103.3	81.4	122.2
141	32.7	26.6	40.0

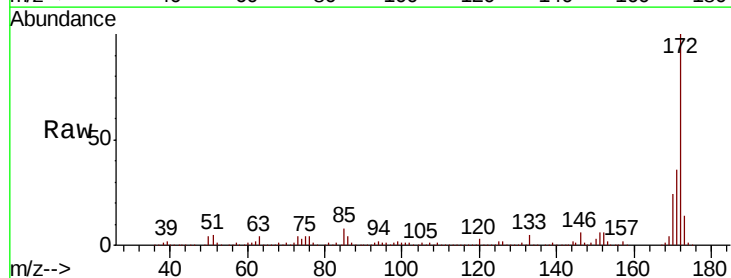


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

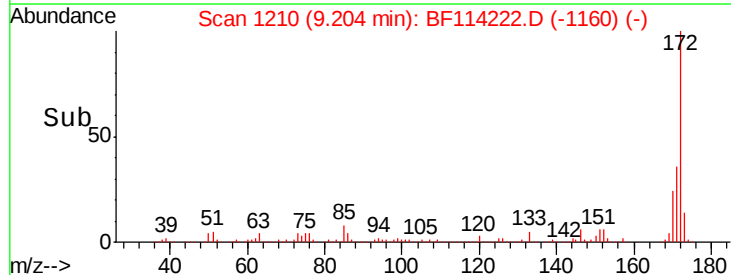
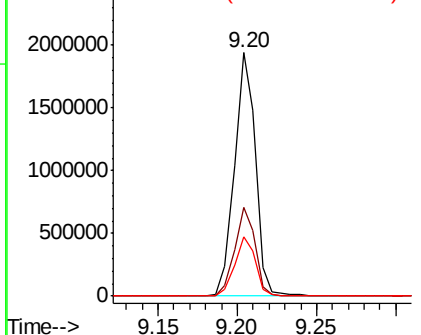


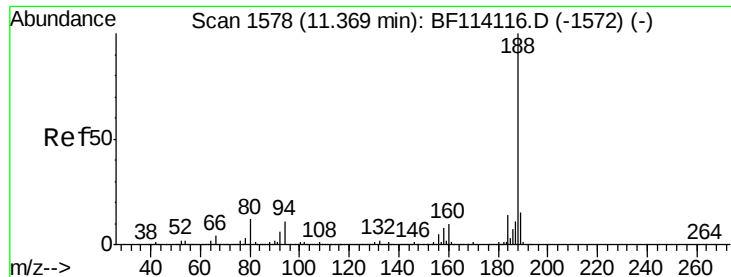
#45
 2-Fluorobiphenyl
 Concen: 49.975 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF114222.D
 Acq: 13 May 2019 12:21

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	30.7	46.1
170	24.4	20.5	30.7



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: 11.37 min Scan# 1578

Delta R.T. -0.00 min

Lab File: BF114222.D

Acq: 13 May 2019 12:21

Instrument :

BNA_F

ClientSampleId :

72-11995

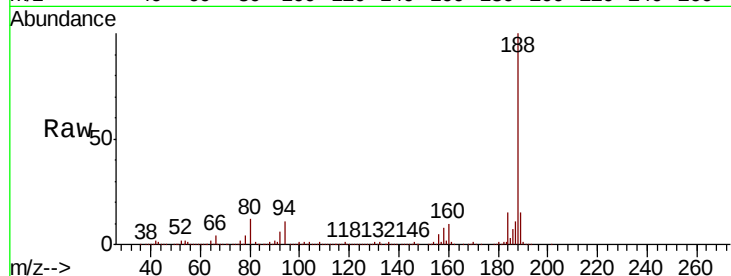
Tot Ion:188 Resp: 1117398

Ion Ratio Lower Upper

188 100

94 11.3 8.4 12.6

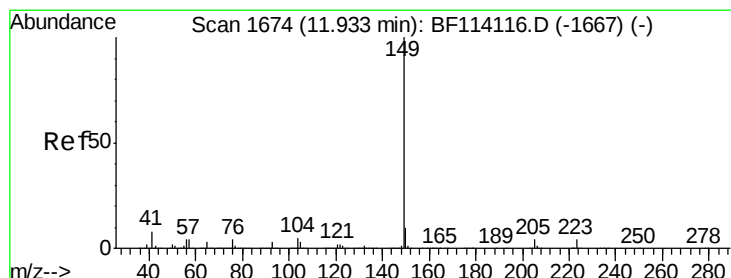
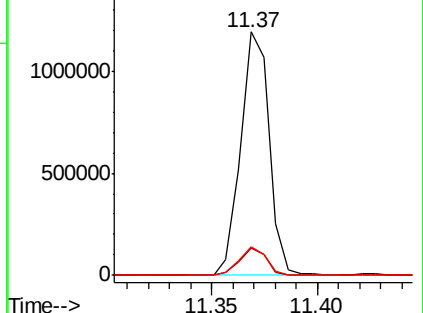
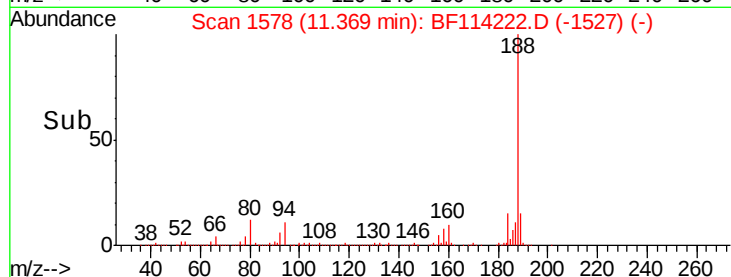
80 11.9 9.2 13.8



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



#74

Di-n-butylphthalate

Concen: 10.406 ng

RT: 11.93 min Scan# 1673

Delta R.T. -0.01 min

Lab File: BF114222.D

Acq: 13 May 2019 12:21

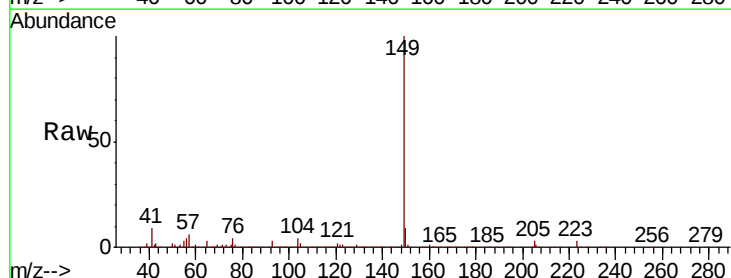
Tgt Ion:149 Resp: 624224

Ion Ratio Lower Upper

149 100

150 9.3 7.7 11.5

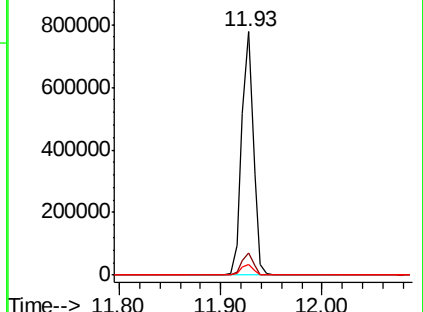
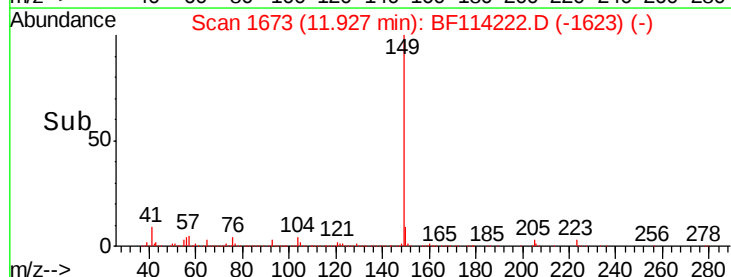
104 4.2 3.6 5.4

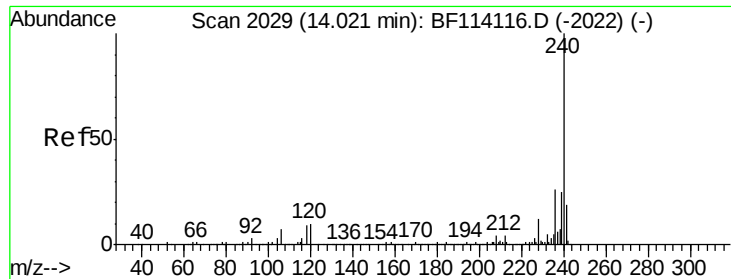


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

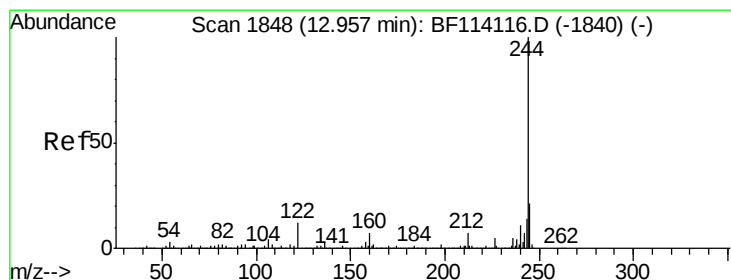
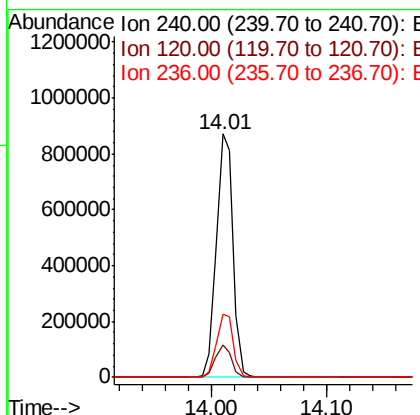
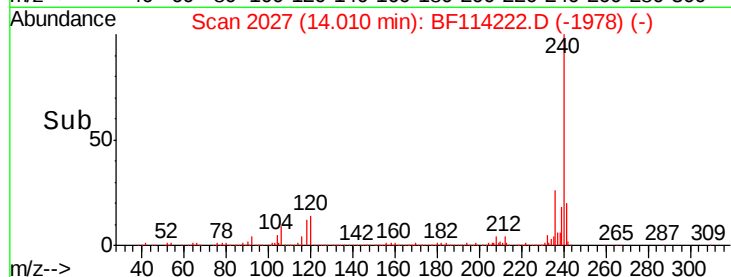
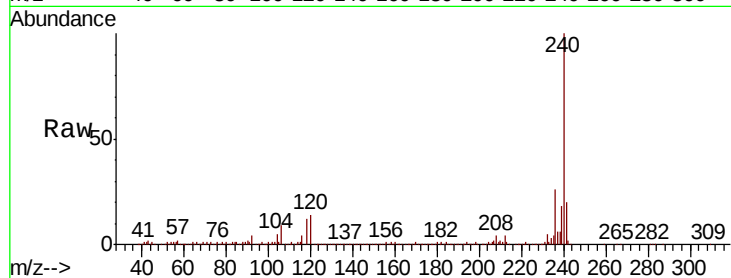




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. -0.01 min
 Lab File: BF114222.D
 Acq: 13 May 2019 12:21

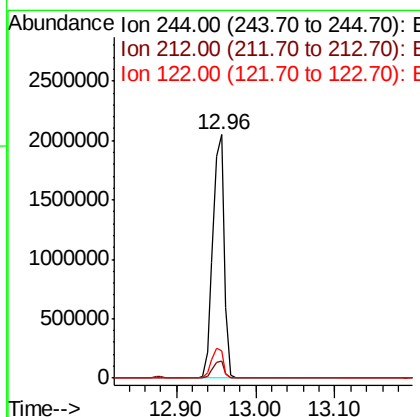
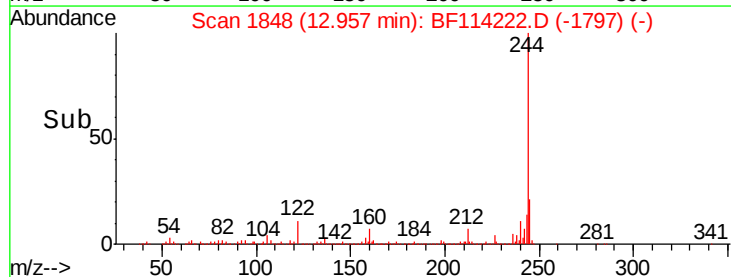
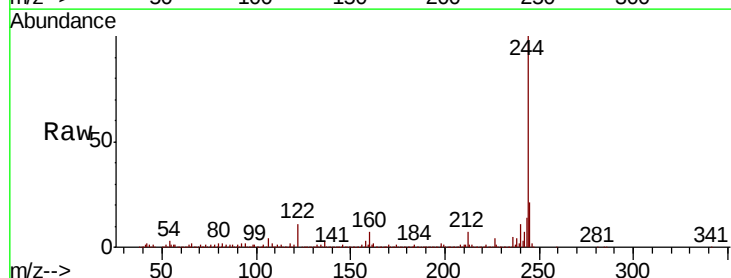
Instrument :
 BNA_F
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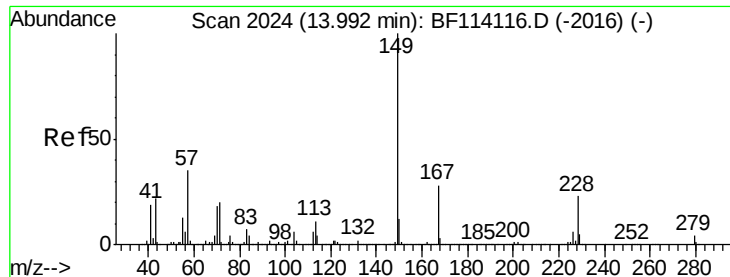
Tot Ion:240 Resp: 869080
 Ion Ratio Lower Upper
 240 100
 120 13.6 8.3 12.5#
 236 26.1 20.8 31.2



#79
 Terphenyl-d14
 Concen: 48.347 ng
 RT: 12.96 min Scan# 1848
 Delta R.T. -0.00 min
 Lab File: BF114222.D
 Acq: 13 May 2019 12:21

Tgt Ion:244 Resp: 2038250
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.8 8.6
 122 11.4 9.4 14.2





#84

Bis(2-ethylhexyl)phthalate

Concen: 2.053 ng

RT: 13.99 min Scan# 2023

Delta R.T. -0.01 min

Lab File: BF114222.D

Acq: 13 May 2019 12:21

Instrument :

BNA_F

ClientSampleId :

72-11995

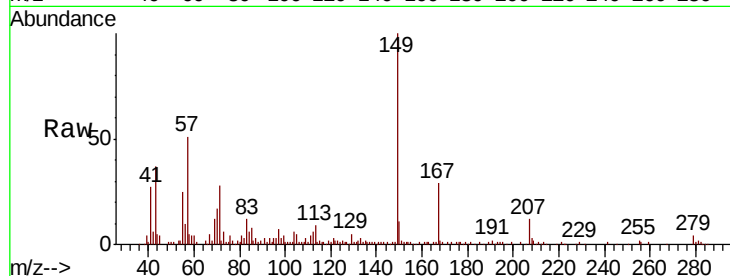
Tot Ion:149 Resp: 79031

Ion Ratio Lower Upper

149 100

167 29.3 22.6 33.8

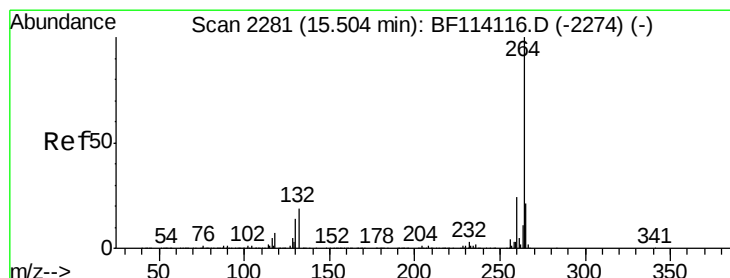
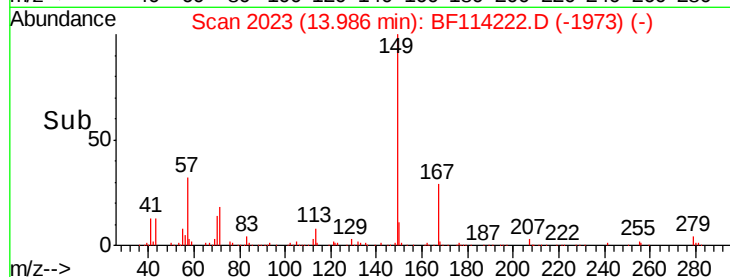
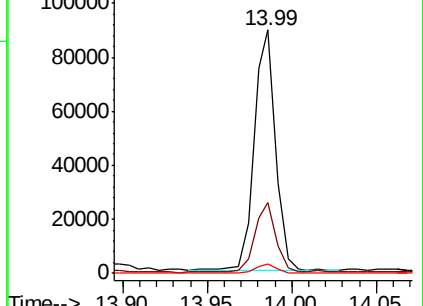
279 4.0 3.0 4.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.49 min Scan# 2279

Delta R.T. -0.01 min

Lab File: BF114222.D

Acq: 13 May 2019 12:21

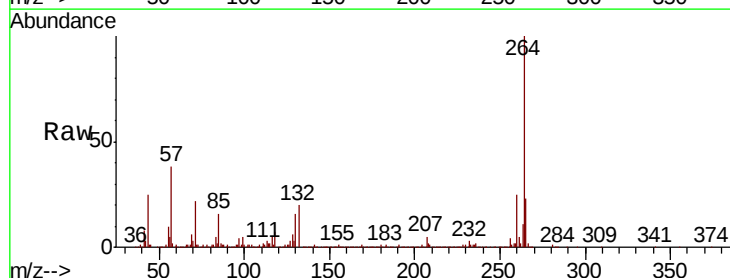
Tgt Ion:264 Resp: 731194

Ion Ratio Lower Upper

264 100

260 25.0 19.4 29.0

265 22.8 16.9 25.3



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

