

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051019\
 Data File : BF114138.D
 Acq On : 10 May 2019 23:13
 Operator : JU/SJ
 Sample : K2762-05
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P021-SS001-0206-01

Quant Time: May 11 04:41:25 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

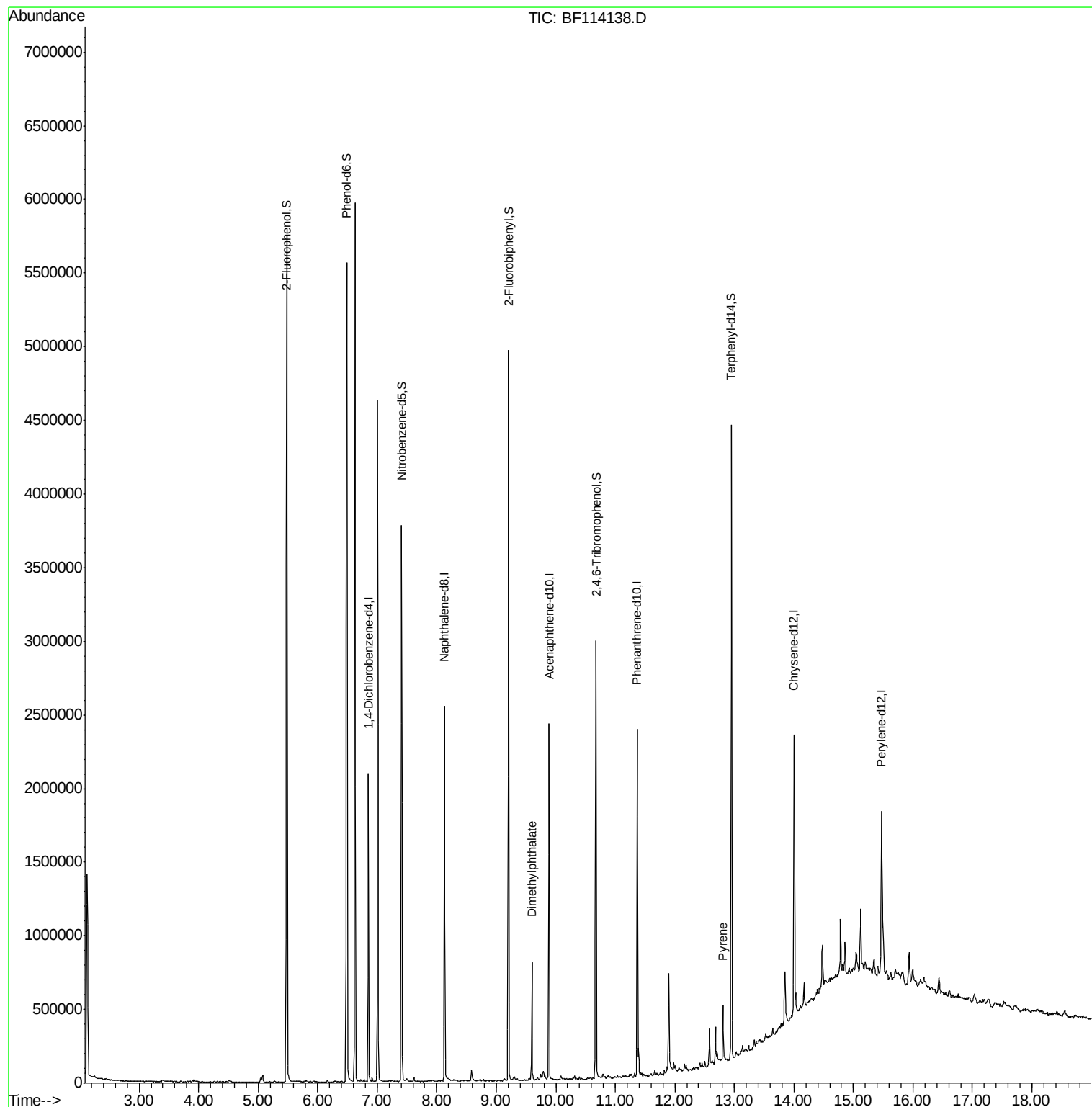
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	293486	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	1040129	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	438762	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	823250	20.00	ng	0.00
76) Chrysene-d12	14.00	240	621348	20.00	ng	-0.02
87) Perylene-d12	15.47	264	526467	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	1477319	81.01	ng	0.00
7) Phenol-d6	6.49	99	1902617	88.21	ng	0.00
23) Nitrobenzene-d5	7.41	82	1075749	58.04	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	350879	77.35	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	1432310	49.38	ng	0.00
79) Terphenyl-d14	12.95	244	1367129	45.36	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.60	163	288631	8.961	ng	Qvalue 100
78) Pyrene	12.81	202	137647	2.754	ng	97

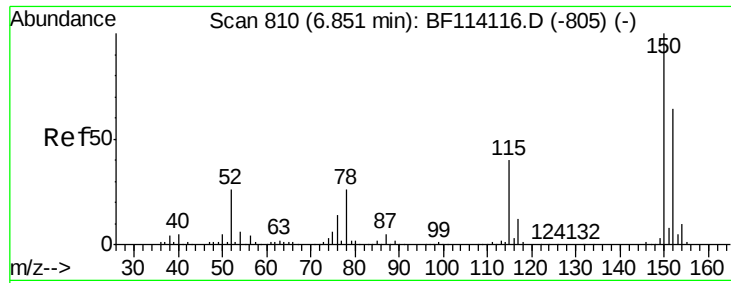
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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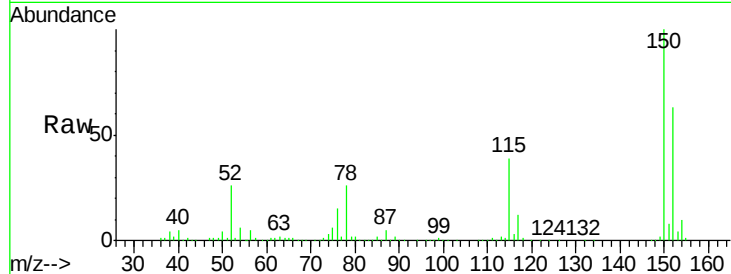


#1

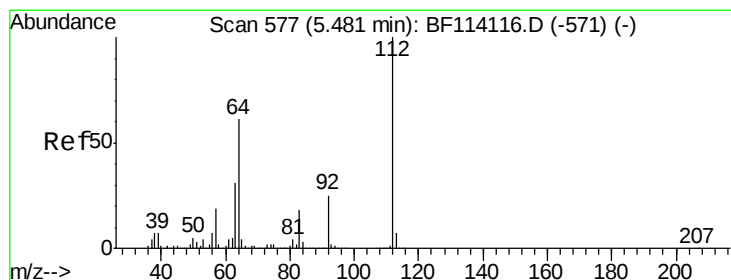
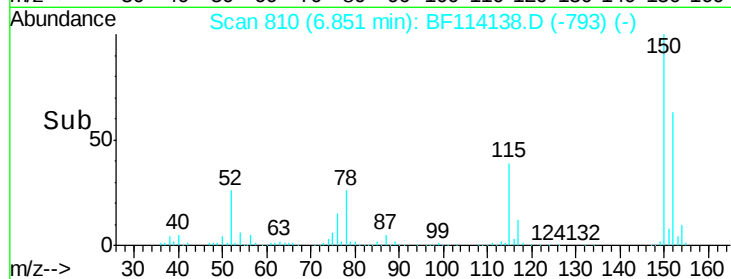
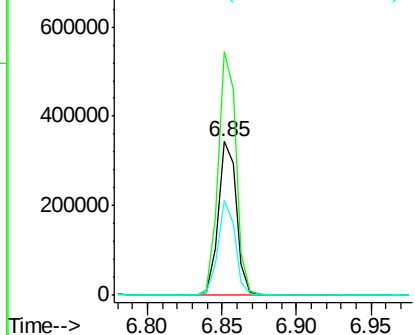
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF114138.D
Acq: 10 May 2019 23:13

Instrument :
BNA_F
ClientSampleId :
P021-SS001-0206-01

Tgt Ion:152 Resp: 293486
Ion Ratio Lower Upper
152 100
150 158.3 124.3 186.5
115 61.8 49.1 73.7



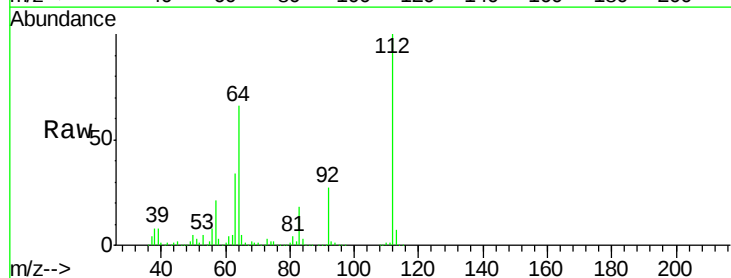
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



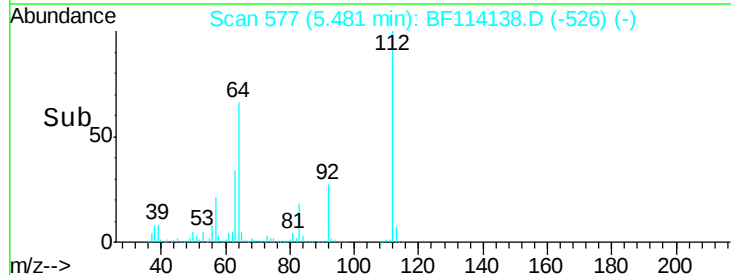
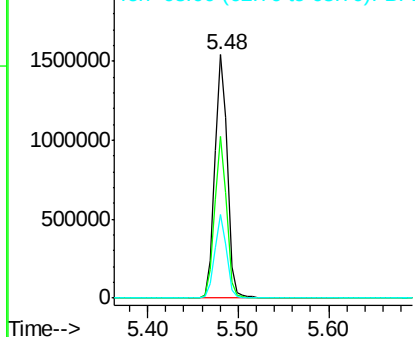
#5

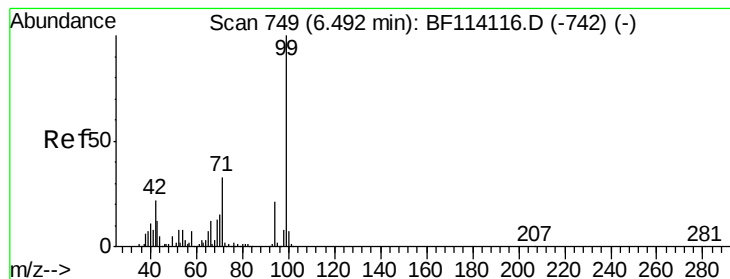
2-Fluorophenol
Concen: 81.005 ng
RT: 5.48 min Scan# 577
Delta R.T. 0.00 min
Lab File: BF114138.D
Acq: 10 May 2019 23:13

Tgt Ion:112 Resp: 1477319
Ion Ratio Lower Upper
112 100
64 66.3 49.0 73.6
63 34.4 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: 88.207 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF114138.D

Acq: 10 May 2019 23:13

Instrument :

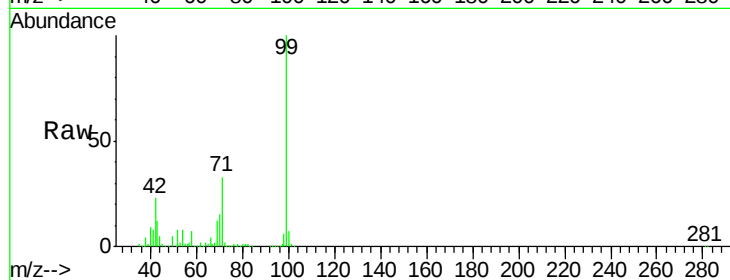
BNA_F

ClientSampleId :

P021-SS001-0206-01

Tgt Ion: 99 Resp: 1902617

Ion	Ratio	Lower	Upper
99	100		
42	22.7	17.9	26.9
71	32.7	26.2	39.2

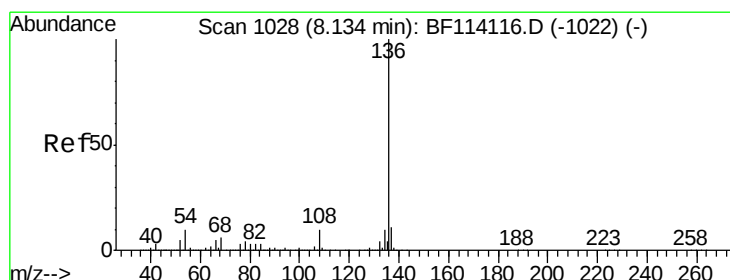
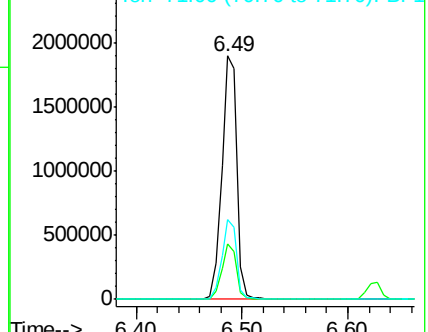
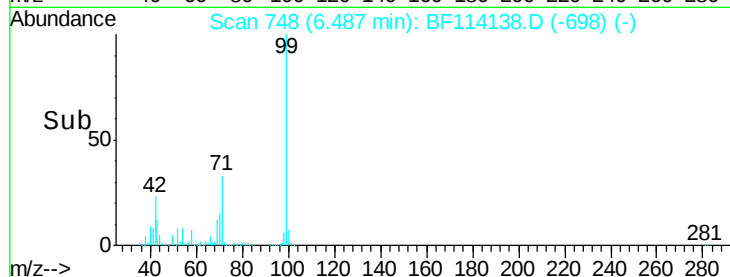


Abundance

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: 8.13 min Scan# 1028

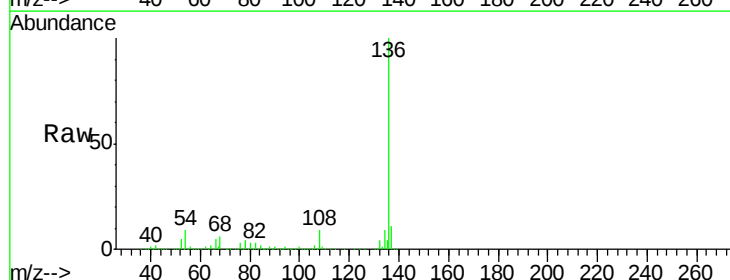
Delta R.T. -0.00 min

Lab File: BF114138.D

Acq: 10 May 2019 23:13

Tgt Ion: 136 Resp: 1040129

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	9.5	7.8	11.8
68	6.4	5.1	7.7



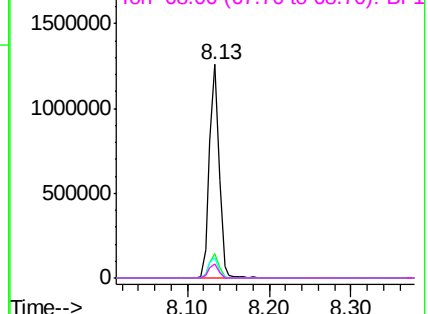
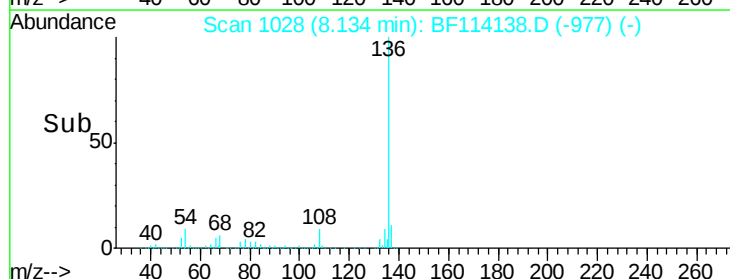
Abundance

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

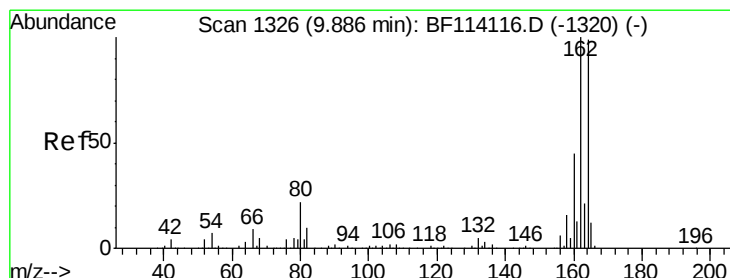
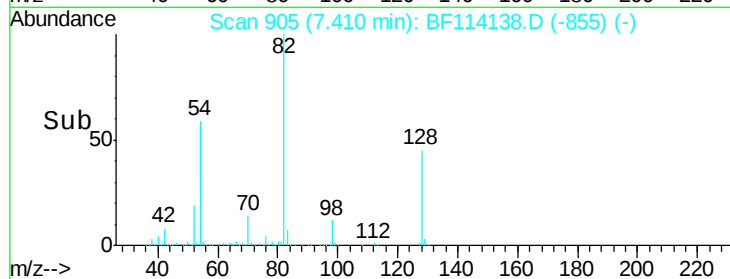
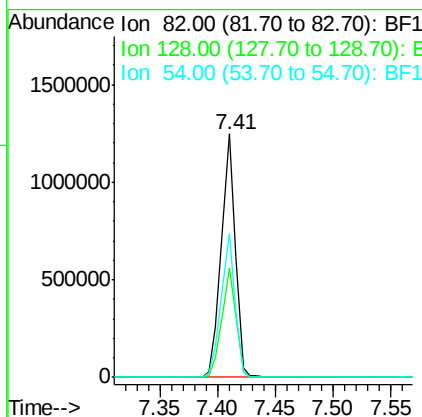
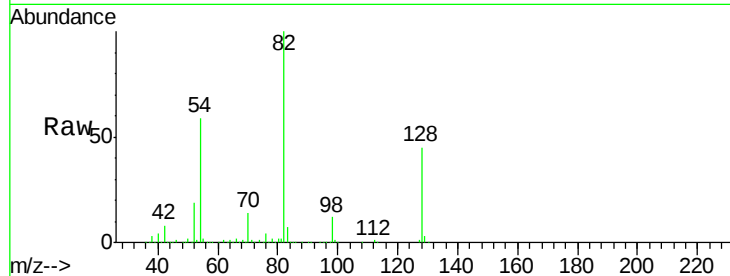




#23
 Nitrobenzene-d5
 Concen: 58.042 ng
 RT: 7.41 min Scan# 905
 Delta R.T. -0.01 min
 Lab File: BF114138.D
 Acq: 10 May 2019 23:13

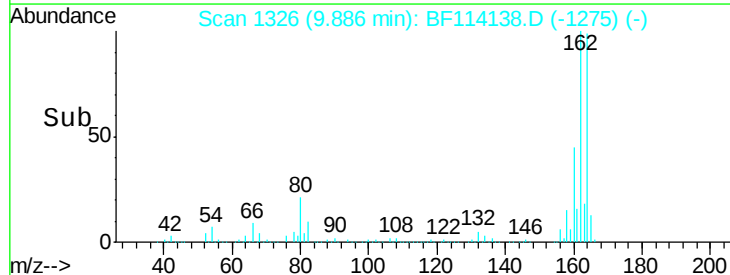
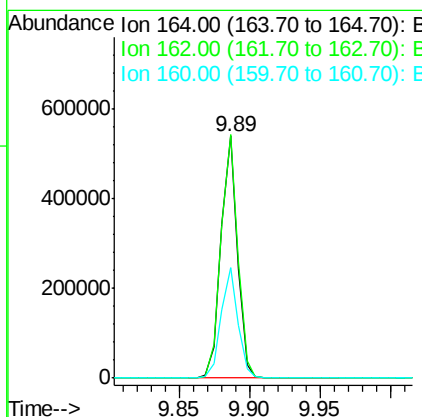
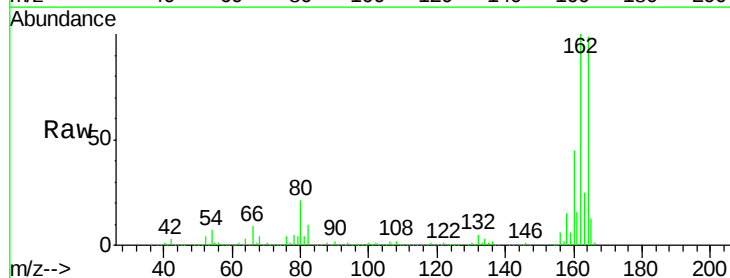
Instrument :
 BNA_F
 ClientSampleId :
 P021-SS001-0206-01

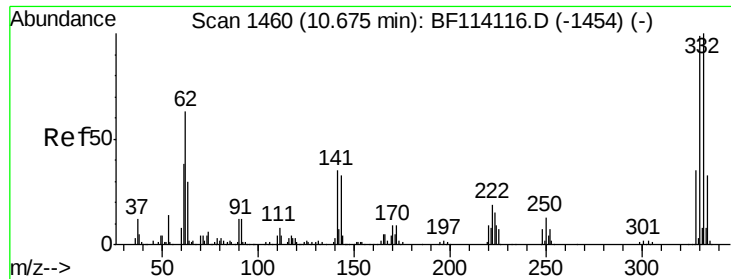
Tgt Ion: 82 Resp: 1075749
 Ion Ratio Lower Upper
 82 100
 128 44.9 35.5 53.3
 54 58.9 48.5 72.7



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. -0.00 min
 Lab File: BF114138.D
 Acq: 10 May 2019 23:13

Tgt Ion: 164 Resp: 438762
 Ion Ratio Lower Upper
 164 100
 162 100.6 80.6 120.8
 160 45.7 36.5 54.7

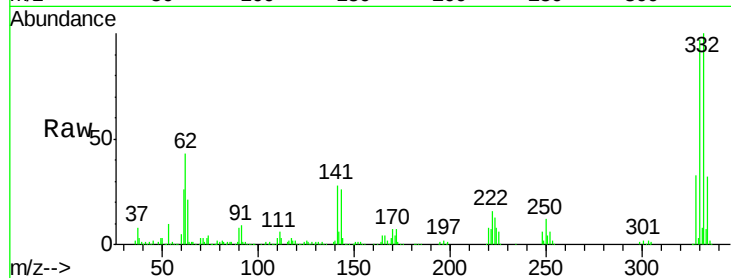




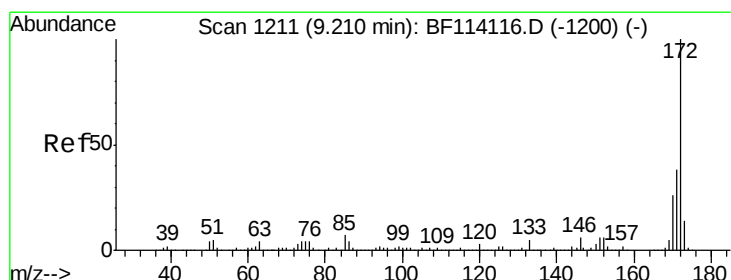
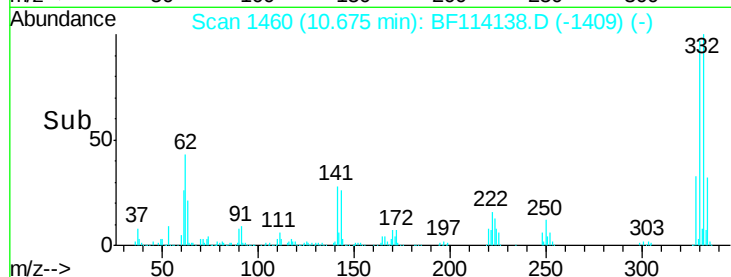
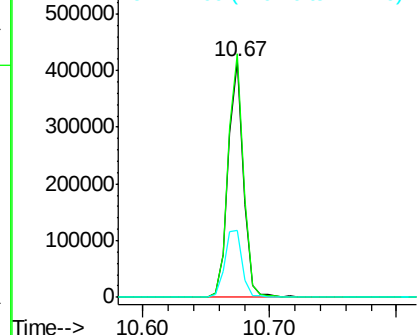
#42
 2,4,6-Tribromophenol
 Concen: 77.353 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. -0.00 min
 Lab File: BF114138.D
 Acq: 10 May 2019 23:13

Instrument :
 BNA_F
 ClientSampleId :
 P021-SS001-0206-01

Tgt Ion	Ratio	Lower	Upper
330	100		
332	103.4	81.4	122.2
141	33.2	26.6	40.0

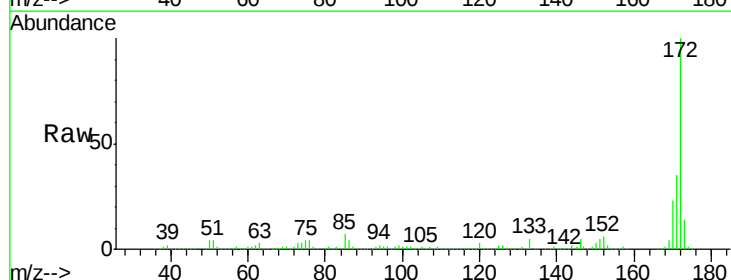


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

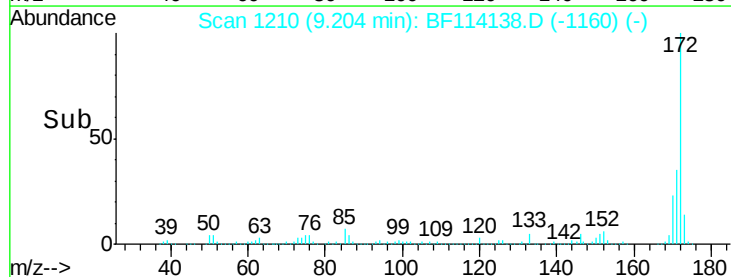
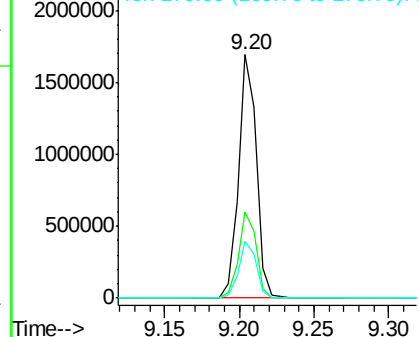


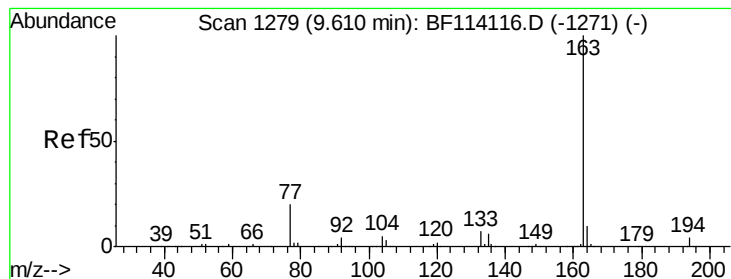
#45
 2-Fluorobiphenyl
 Concen: 49.380 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF114138.D
 Acq: 10 May 2019 23:13

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.2	30.7	46.1
170	23.2	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





#50

Dimethylphthalate

Concen: 8.961 ng

RT: 9.60 min Scan# 1277

Delta R.T. -0.01 min

Lab File: BF114138.D

Acq: 10 May 2019 23:13

Instrument :

BNA_F

ClientSampleId :

P021-SS001-0206-01

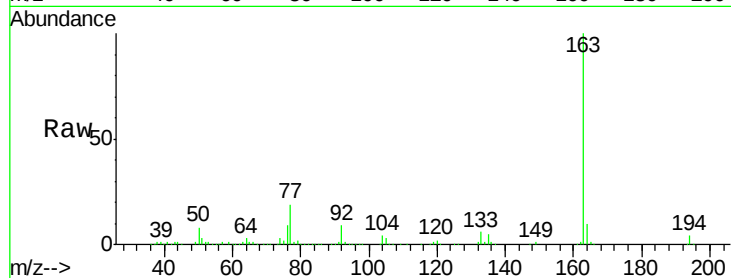
Tgt Ion:163 Resp: 288631

Ion Ratio Lower Upper

163 100

194 3.9 3.4 5.0

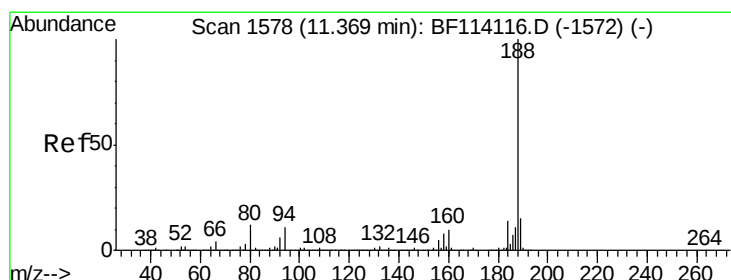
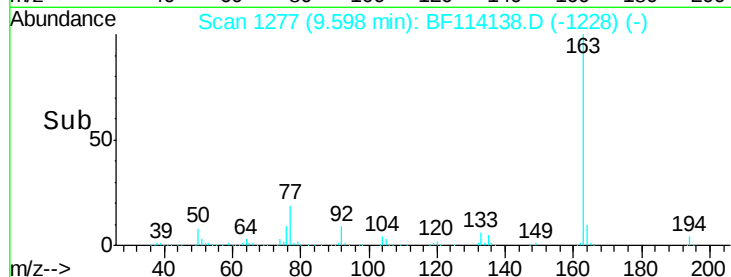
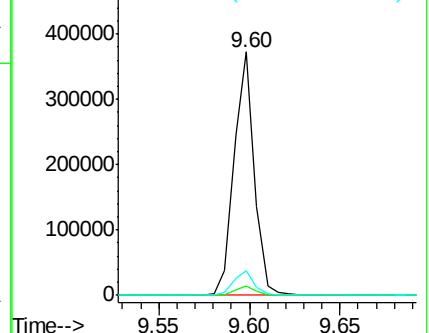
164 10.2 8.2 12.2



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: 11.37 min Scan# 1578

Delta R.T. -0.00 min

Lab File: BF114138.D

Acq: 10 May 2019 23:13

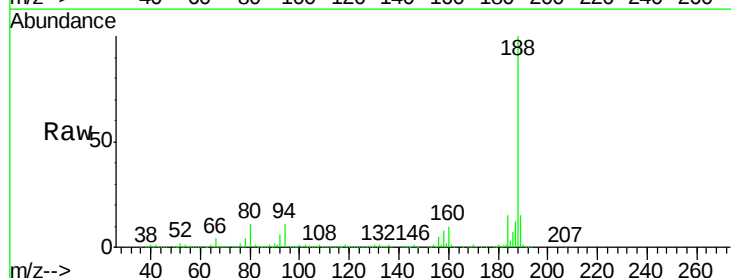
Tgt Ion:188 Resp: 823250

Ion Ratio Lower Upper

188 100

94 10.7 8.4 12.6

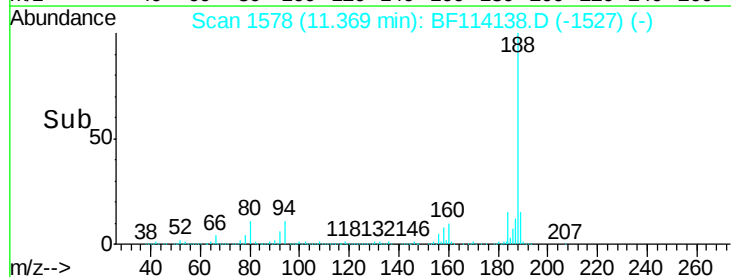
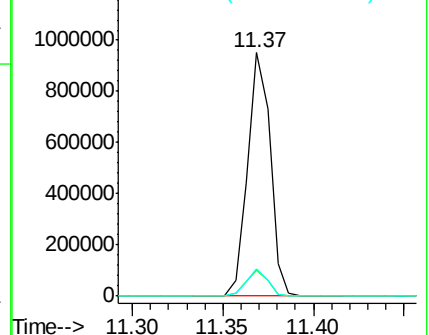
80 11.0 9.2 13.8

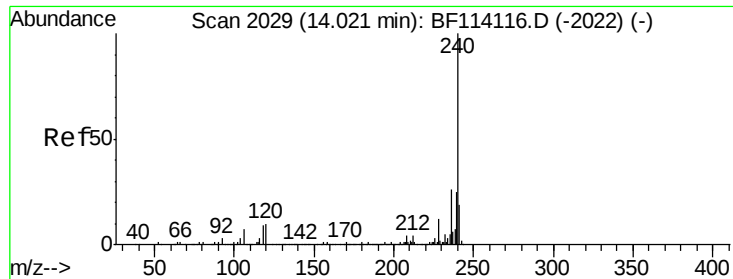


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

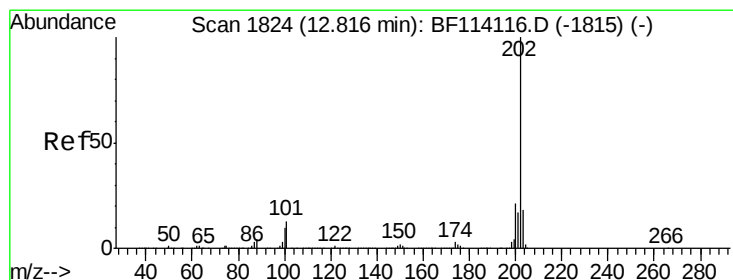
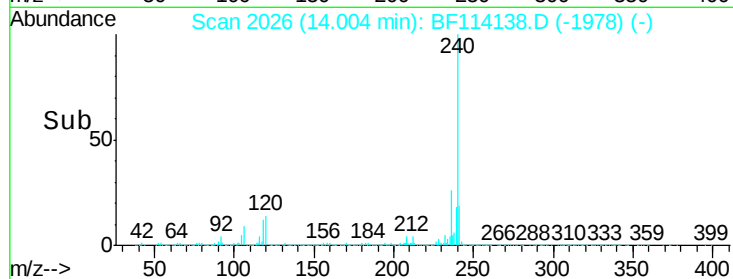
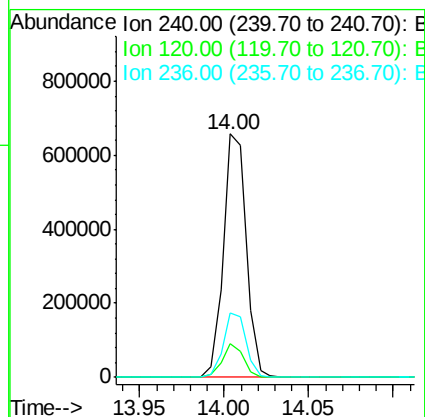
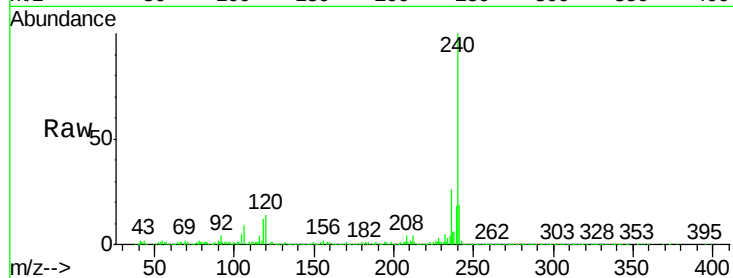




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.02 min
Lab File: BF114138.D
Acq: 10 May 2019 23:13

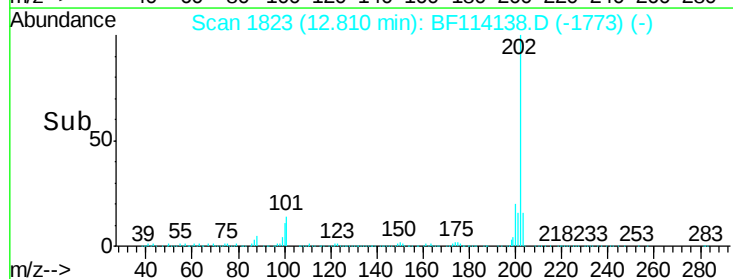
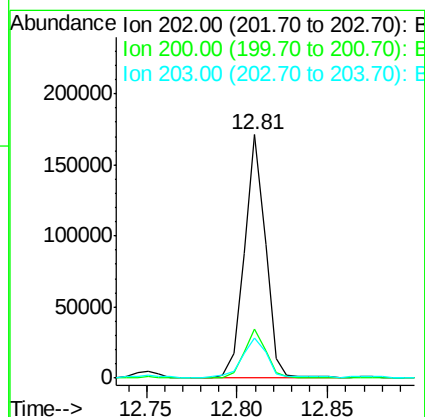
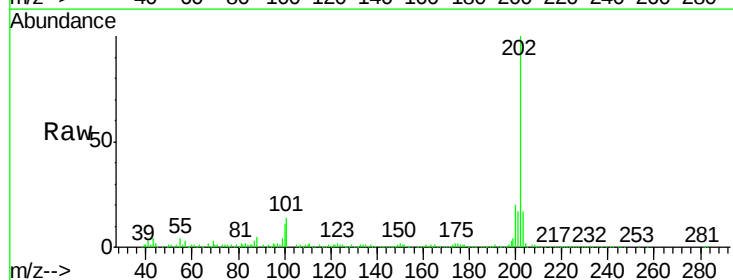
Instrument :
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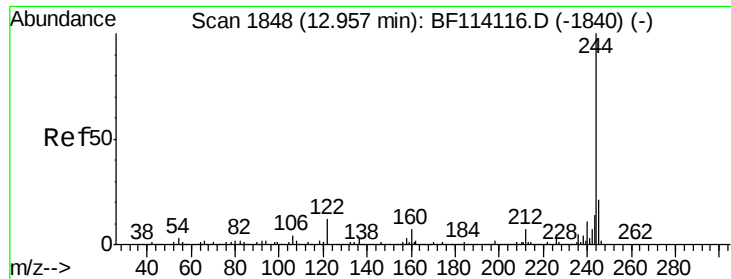
Tgt Ion:240 Resp: 621348
Ion Ratio Lower Upper
240 100
120 13.9 8.3 12.5#
236 26.5 20.8 31.2



#78
Pyrene
Concen: 2.754 ng
RT: 12.81 min Scan# 1823
Delta R.T. -0.01 min
Lab File: BF114138.D
Acq: 10 May 2019 23:13

Tgt Ion:202 Resp: 137647
Ion Ratio Lower Upper
202 100
200 20.0 16.9 25.3
203 16.5 14.5 21.7





#79

Terphenyl-d14

Concen: 45.357 ng

RT: 12.95 min Scan# 1847

Delta R.T. -0.01 min

Lab File: BF114138.D

Acq: 10 May 2019 23:13

Instrument :

BNA_F

ClientSampleId :

P021-SS001-0206-01

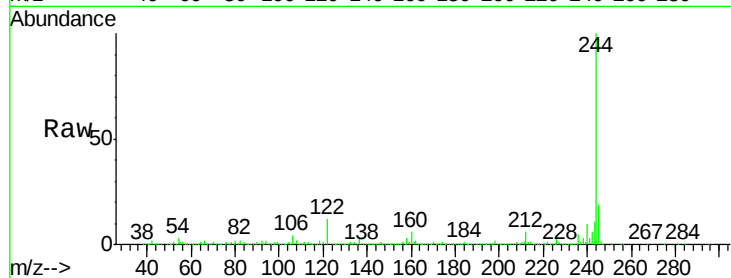
Tgt Ion:244 Resp: 1367129

Ion Ratio Lower Upper

244 100

212 6.5 5.8 8.6

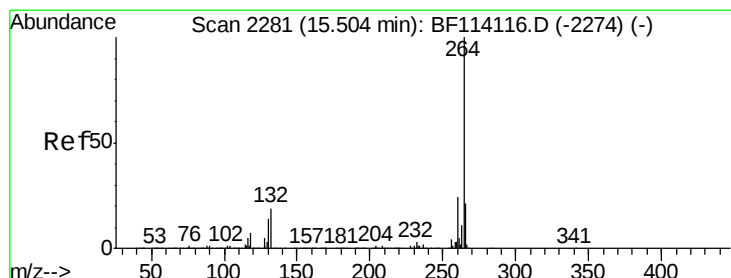
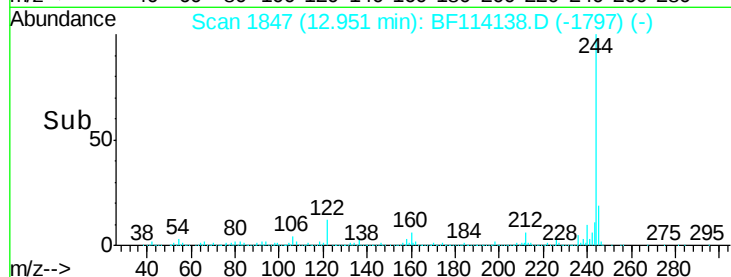
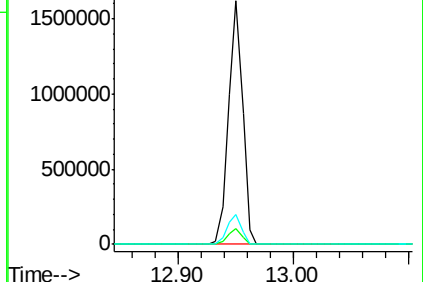
122 12.3 9.4 14.2



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: 15.47 min Scan# 2276

Delta R.T. -0.03 min

Lab File: BF114138.D

Acq: 10 May 2019 23:13

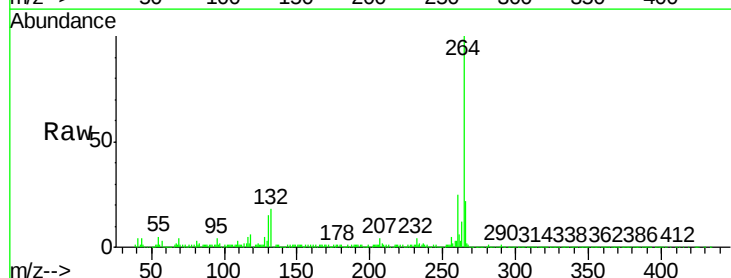
Tgt Ion:264 Resp: 526467

Ion Ratio Lower Upper

264 100

260 24.5 19.4 29.0

265 22.2 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

