

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040120\
 Data File : BF119682.D
 Acq On : 1 Apr 2020 18:37
 Operator : MA/SJ
 Sample : L2069-02
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TI-633

Quant Time: Apr 02 01:40:28 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 01 11:59:45 2020
 Response via : Initial Calibration

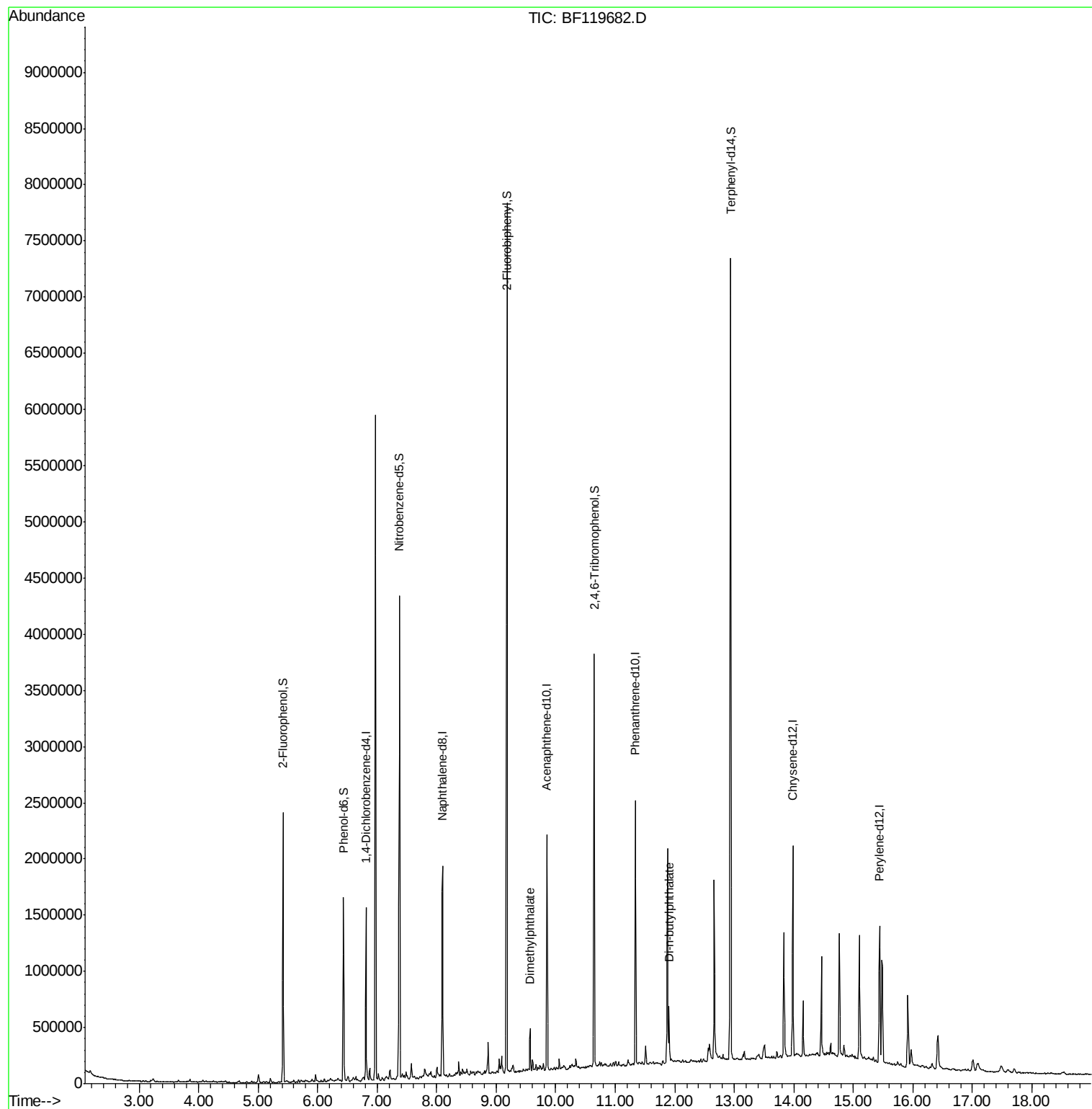
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	215615	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	823793	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	420624	20.00	ng	-0.01
64) Phenanthrene-d10	11.34	188	822134	20.00	ng	-0.01
76) Chrysene-d12	13.98	240	650885	20.00	ng	-0.02
87) Perylene-d12	15.44	264	540252	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	630361	46.54	ng	0.00
7) Phenol-d6	6.43	99	484794	28.02	ng	-0.01
23) Nitrobenzene-d5	7.37	82	1483531	97.87	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	445844	102.74	ng	0.00
45) 2-Fluorobiphenyl	9.18	172	2623821	92.41	ng	0.00
79) Terphenyl-d14	12.94	244	3007434	90.53	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.57	163	137400	4.599	ng	99
74) Di-n-butylphthalate	11.90	149	209334	4.563	ng	99

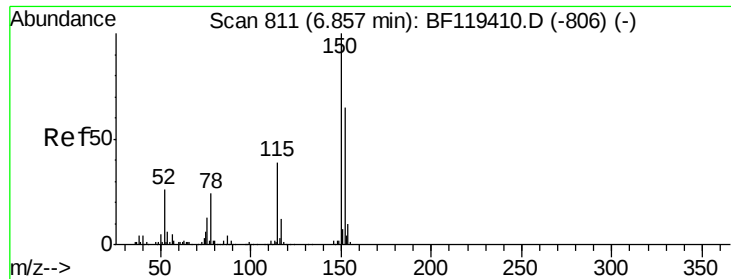
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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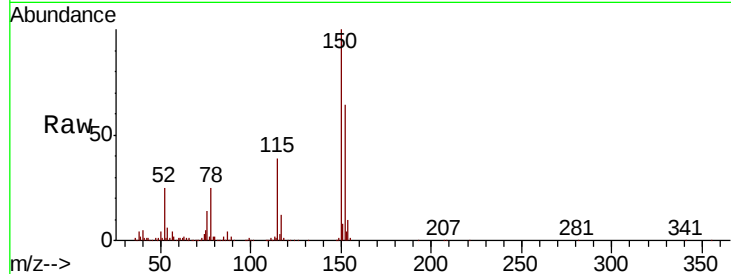


#1

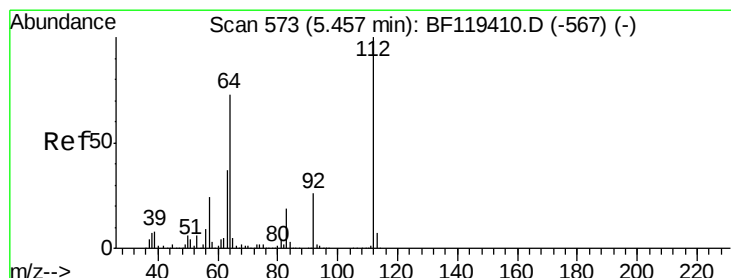
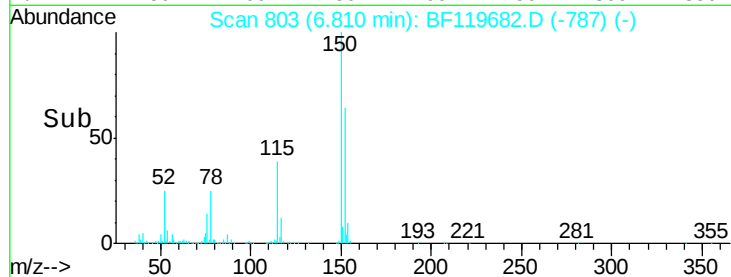
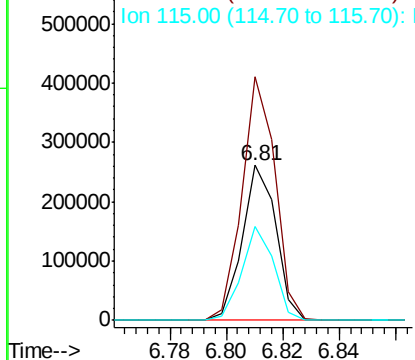
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF119682.D
Acq: 1 Apr 2020 18:37

Instrument :
BNA_F
ClientSampleId :
TI-633

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.2	124.5	186.7
115	60.7	49.6	74.4



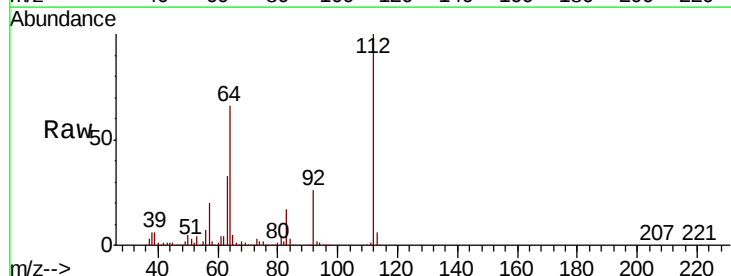
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



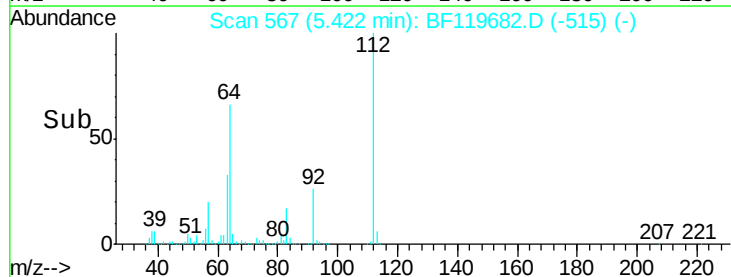
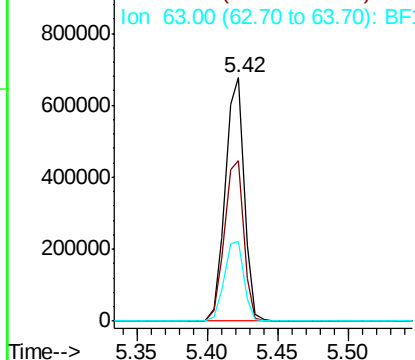
#5

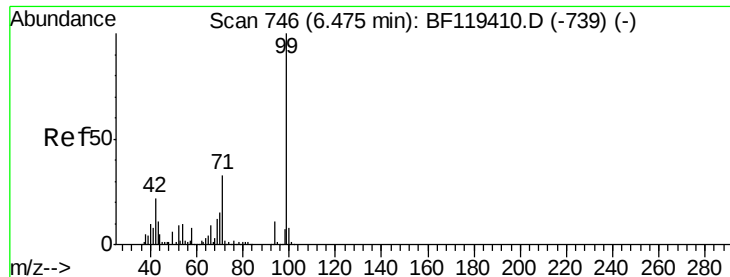
2-Fluorophenol
Concen: 46.540 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF119682.D
Acq: 1 Apr 2020 18:37

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.1	56.7	85.1
63	33.0	29.5	44.3



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: 28.019 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF119682.D

Acq: 1 Apr 2020 18:37

Instrument :

BNA_F

ClientSampleId :

TI-633

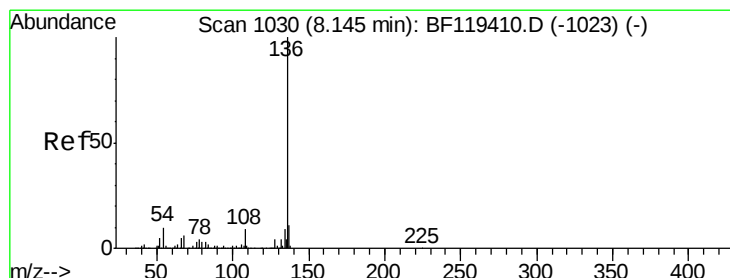
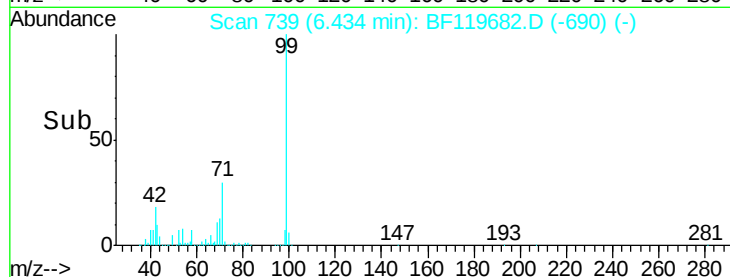
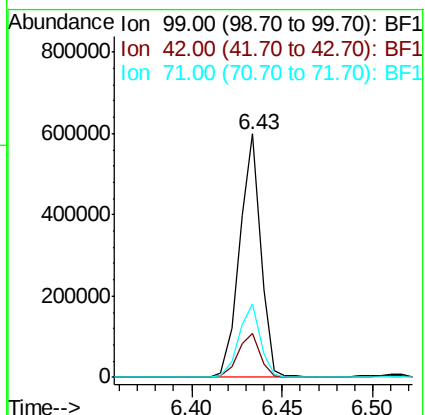
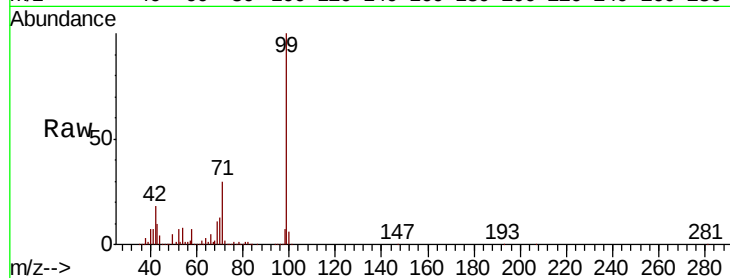
Tot Ion: 99 Resp: 484794

Ion Ratio Lower Upper

99 100

42 18.2 16.6 24.8

71 29.9 26.4 39.6



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BF119682.D

Acq: 1 Apr 2020 18:37

Tgt Ion: 136 Resp: 823793

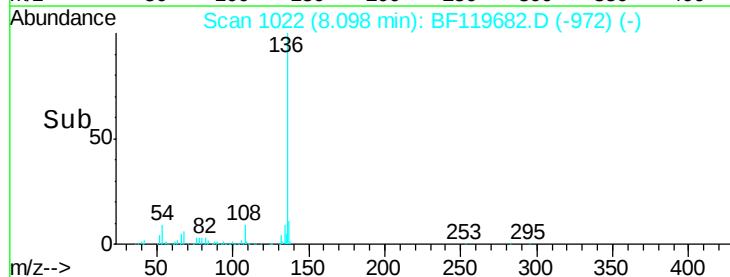
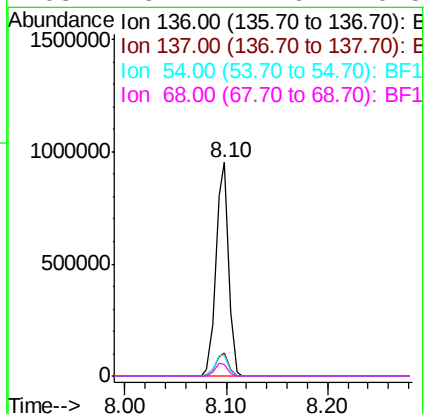
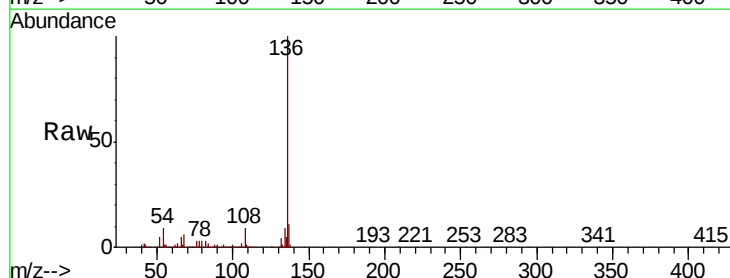
Ion Ratio Lower Upper

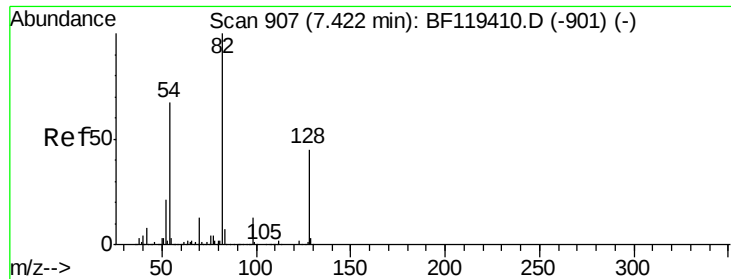
136 100

137 10.7 8.7 13.1

54 9.4 9.1 13.7

68 5.7 4.6 6.8

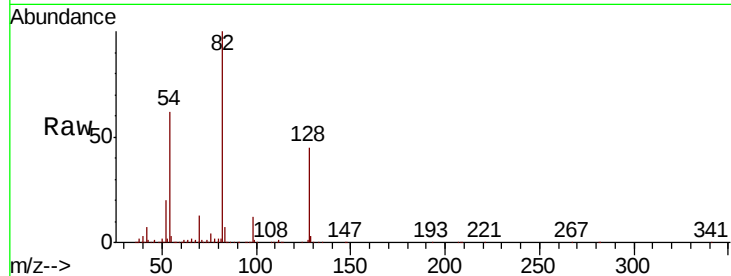




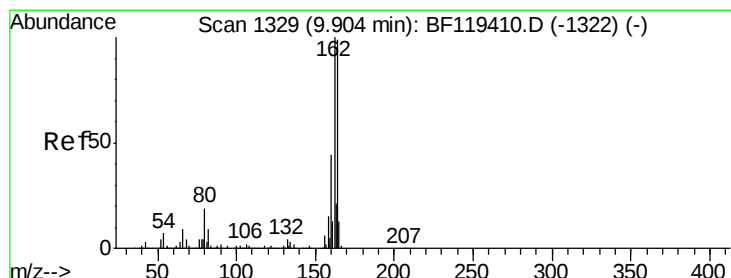
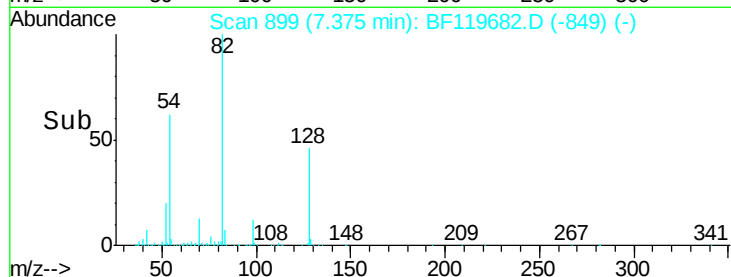
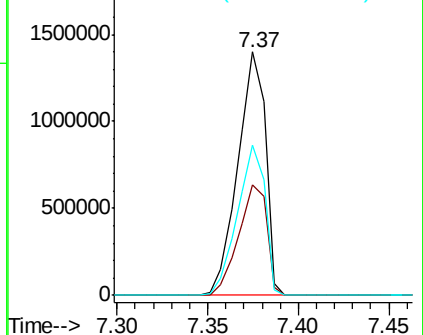
#23
 Nitrobenzene-d5
 Concen: 97.873 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: BF119682.D
 Acq: 1 Apr 2020 18:37

Instrument :
 BNA_F
 ClientSampleId :
 TI-633

Tot Ion: 82 Resp: 1483531
 Ion Ratio Lower Upper
 82 100
 128 45.5 36.3 54.5
 54 61.7 50.6 75.8

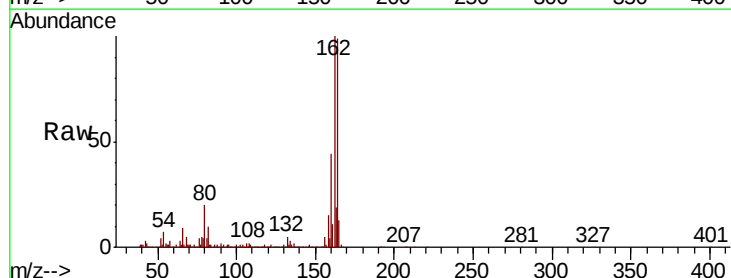


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

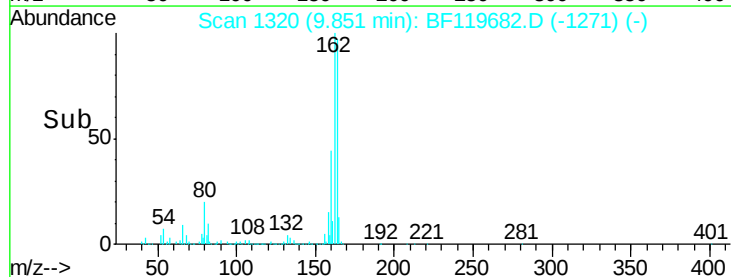
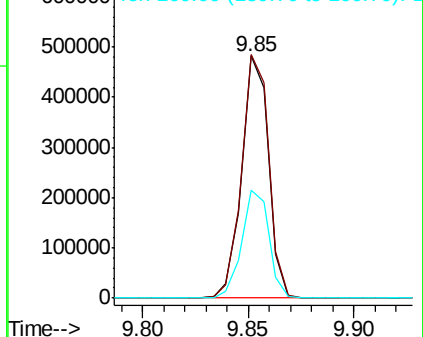


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.01 min
 Lab File: BF119682.D
 Acq: 1 Apr 2020 18:37

Tgt Ion: 164 Resp: 420624
 Ion Ratio Lower Upper
 164 100
 162 100.7 80.6 121.0
 160 44.4 35.7 53.5



Abundance Ion 164.00 (163.70 to 164.70): BF1
 Ion 162.00 (161.70 to 162.70): BF1
 Ion 160.00 (159.70 to 160.70): BF1

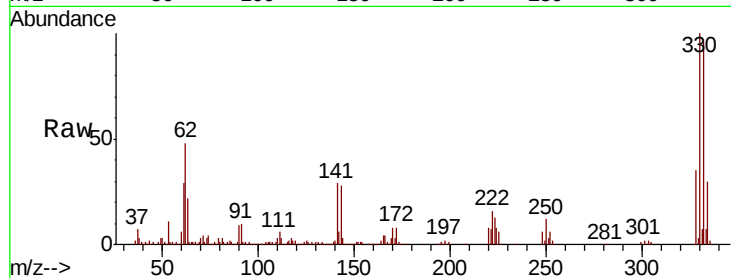




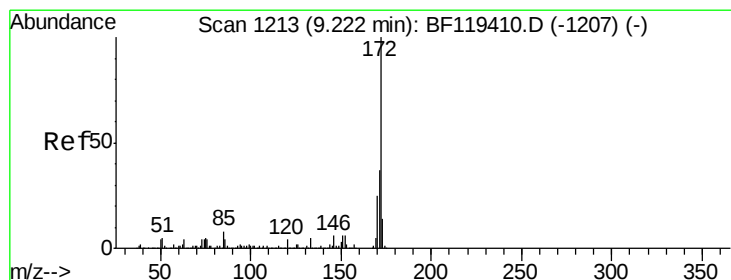
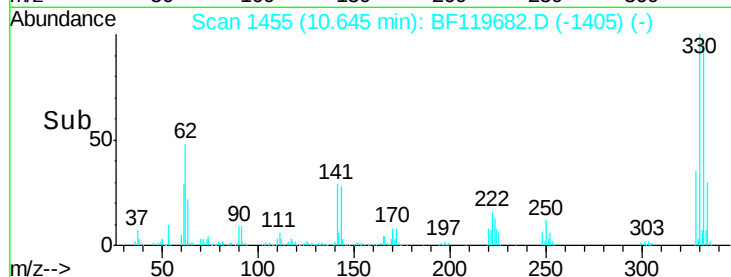
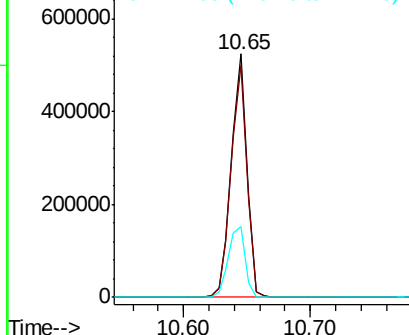
#42
 2,4,6-Tribromophenol
 Concen: 102.743 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. -0.01 min
 Lab File: BF119682.D
 Acq: 1 Apr 2020 18:37

Instrument :
 BNA_F
 ClientSampleId :
 TI-633

Tot Ion:330 Resp: 445844
 Ion Ratio Lower Upper
 330 100
 332 96.6 75.7 113.5
 141 31.3 25.4 38.0

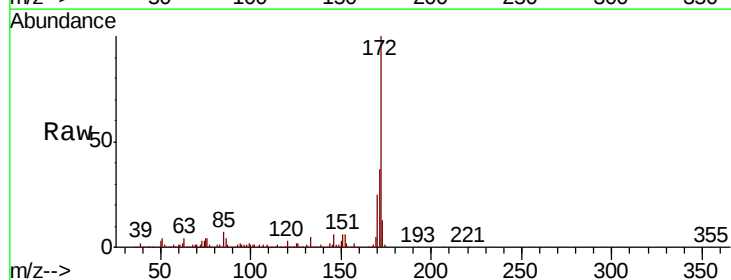


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

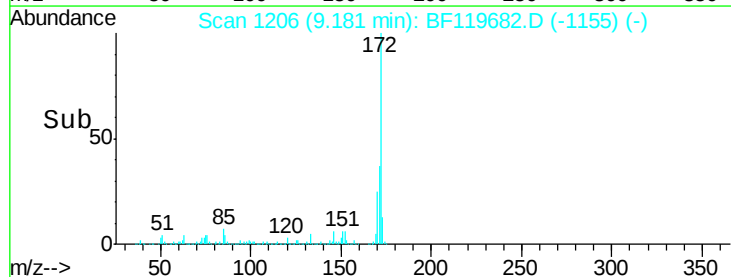
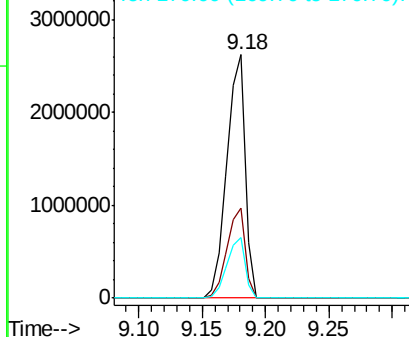


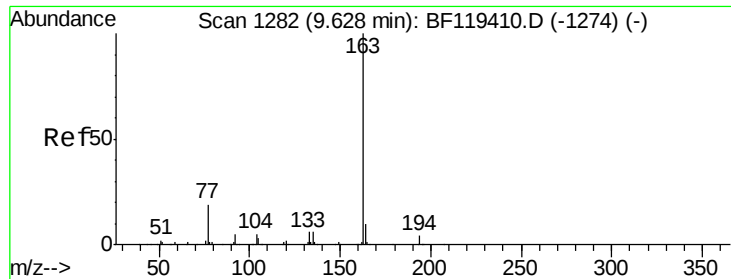
#45
 2-Fluorobiphenyl
 Concen: 92.413 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. 0.00 min
 Lab File: BF119682.D
 Acq: 1 Apr 2020 18:37

Tgt Ion:172 Resp: 2623821
 Ion Ratio Lower Upper
 172 100
 171 37.1 29.6 44.4
 170 24.7 20.2 30.2



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

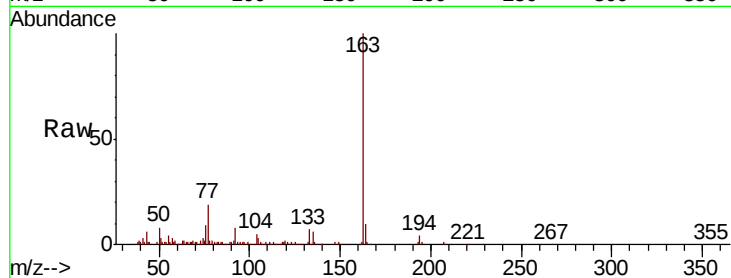




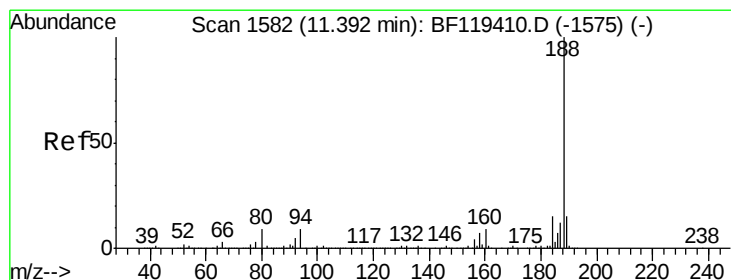
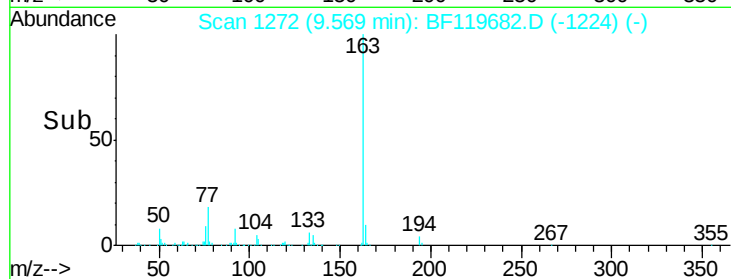
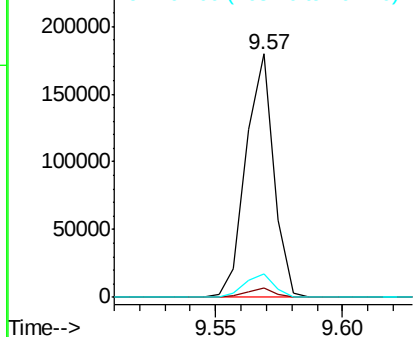
#50
Dimethylphthalate
Concen: 4.599 ng
RT: 9.57 min Scan# 1272
Delta R.T. -0.02 min
Lab File: BF119682.D
Acq: 1 Apr 2020 18:37

Instrument :
BNA_F
ClientSampleId :
TI-633

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.1	4.7
164	9.7	8.2	12.2

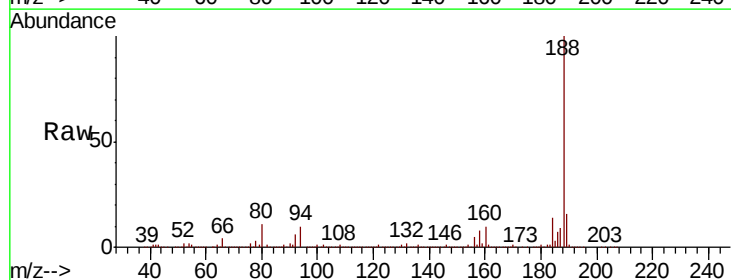


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

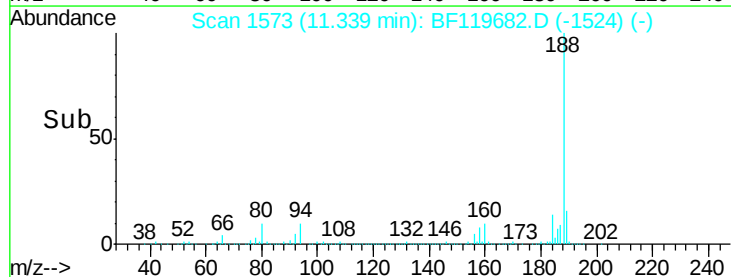
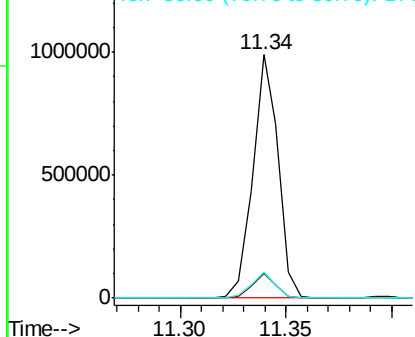


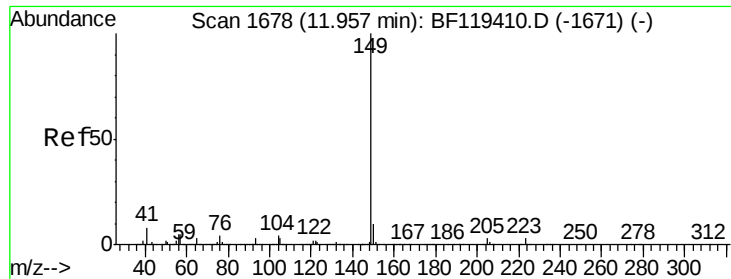
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.01 min
Lab File: BF119682.D
Acq: 1 Apr 2020 18:37

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.4	7.5	11.3
80	10.5	9.0	13.4



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: 4.563 ng

RT: 11.90 min Scan# 1669

Delta R.T. -0.01 min

Lab File: BF119682.D

Acq: 1 Apr 2020 18:37

Instrument :

BNA_F

ClientSampleId :

TI-633

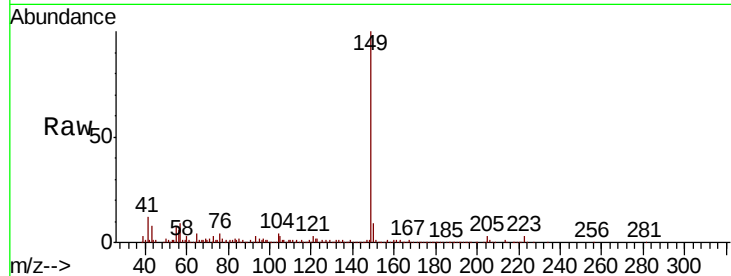
Tot Ion:149 Resp: 209334

Ion Ratio Lower Upper

149 100

150 9.4 7.8 11.8

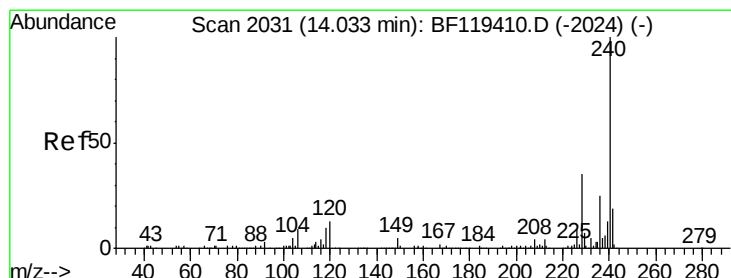
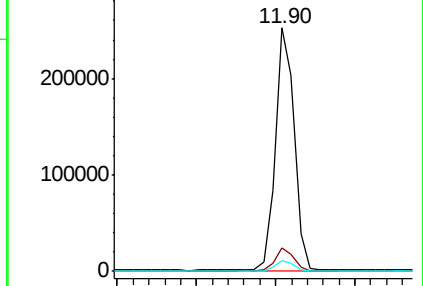
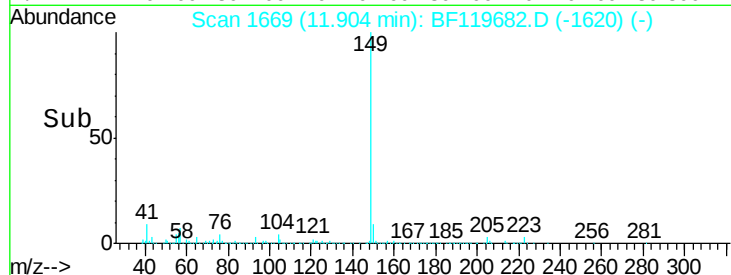
104 4.2 3.6 5.4



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

Chrysene-d12

Concen: 20.000 ng

RT: 13.98 min Scan# 2022

Delta R.T. -0.02 min

Lab File: BF119682.D

Acq: 1 Apr 2020 18:37

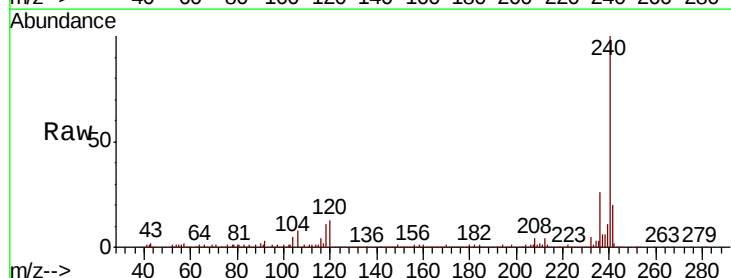
Tgt Ion:240 Resp: 650885

Ion Ratio Lower Upper

240 100

120 12.7 10.6 15.8

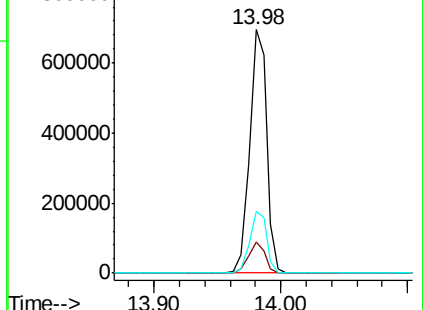
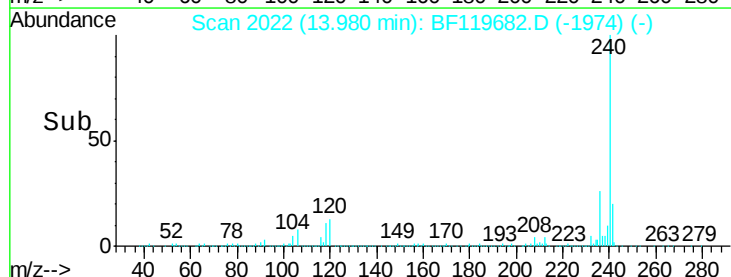
236 25.6 20.2 30.2

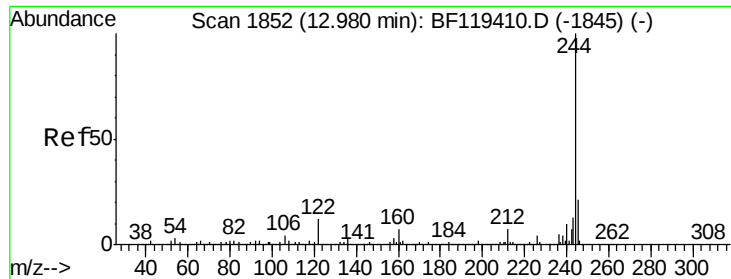


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 90.526 ng

RT: 12.94 min Scan# 1845

Delta R.T. 0.00 min

Lab File: BF119682.D

Acq: 1 Apr 2020 18:37

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TI-633

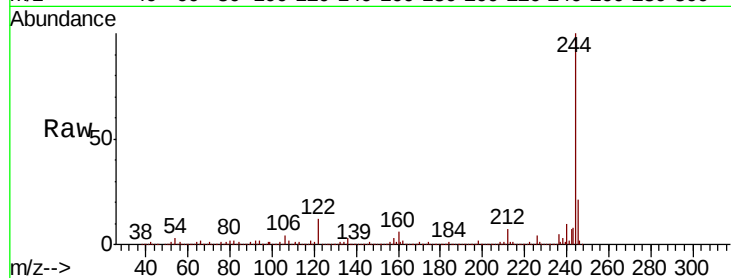
Tot Ion:244 Resp: 3007434

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.8

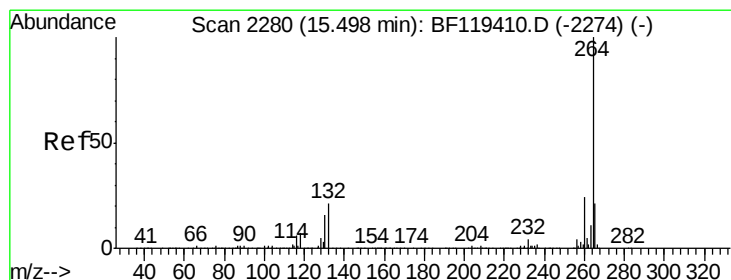
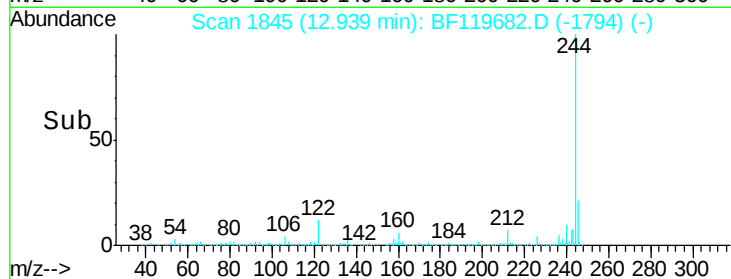
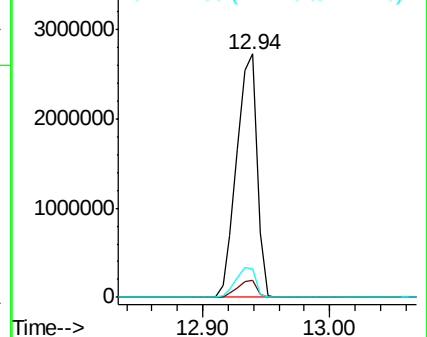
122 11.8 10.3 15.5



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# 2270

Delta R.T. -0.01 min

Lab File: BF119682.D

Acq: 1 Apr 2020 18:37

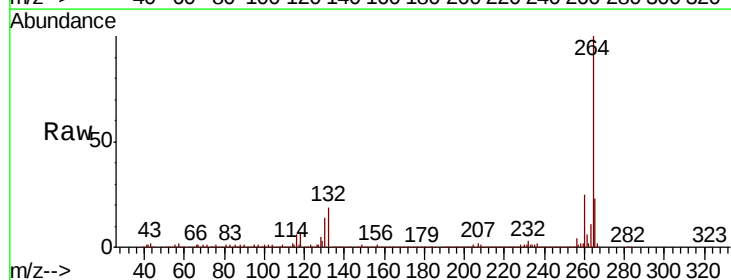
Tgt Ion:264 Resp: 540252

Ion Ratio Lower Upper

264 100

260 24.5 18.7 28.1

265 22.6 17.7 26.5



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

