

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP092019\
 Data File : BP000365.D
 Acq On : 20 Sep 2019 19:37
 Operator : HP/JU
 Sample : K4972-03 5X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 FK-GF-02-046-B

Quant Time: Sep 21 00:10:22 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP091619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 19 14:44:51 2019
 Response via : Initial Calibration

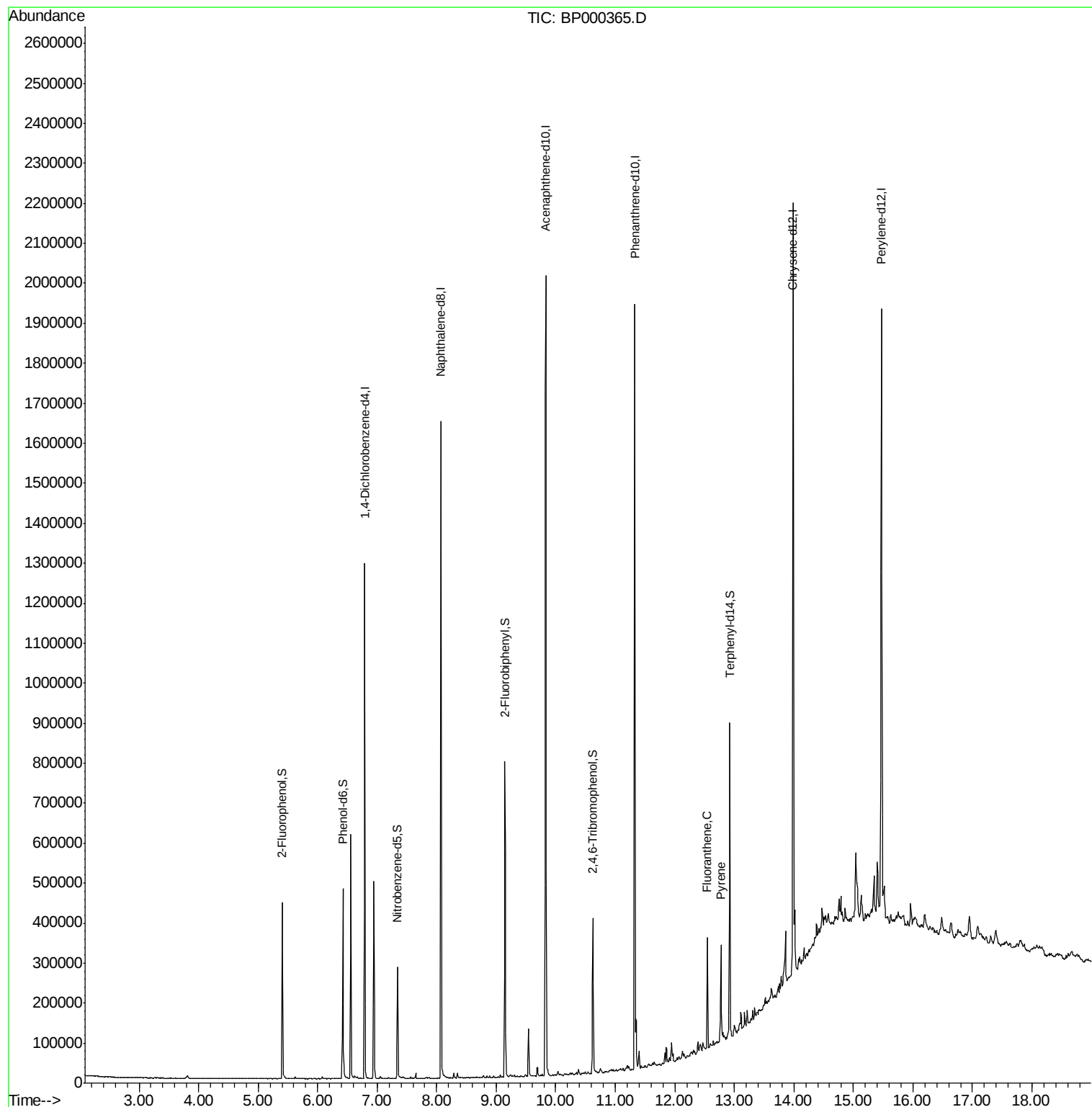
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	193656	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	741546	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	399910	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	695721	20.00	ng	0.00
76) Chrysene-d12	13.99	240	645550	20.00	ng	0.00
87) Perylene-d12	15.47	264	734868	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	137379	12.25	ng	0.00
7) Phenol-d6	6.42	99	184420	13.41	ng	0.00
23) Nitrobenzene-d5	7.34	82	91675	7.98	ng	-0.01
42) 2,4,6-Tribromophenol	10.62	330	49237	12.41	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	229510	10.33	ng	0.00
79) Terphenyl-d14	12.92	244	250799	8.15	ng	-0.01
Target Compounds						
75) Fluoranthene	12.55	202	110034	2.939	ng	96
78) Pyrene	12.78	202	106994	2.215	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: 6.79 min Scan# 799

Delta R.T. -0.00 min

Lab File: BP000365.D

Acq: 20 Sep 2019 19:37

Instrument :

BNA_P

ClientSampleId :

FK-GF-02-046-B

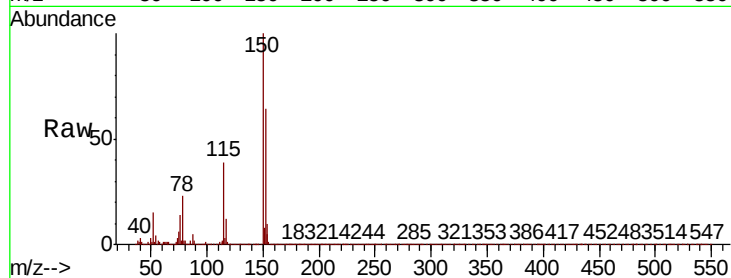
Tot Ion:152 Resp: 193656

Ion Ratio Lower Upper

152 100

150 156.0 125.2 187.8

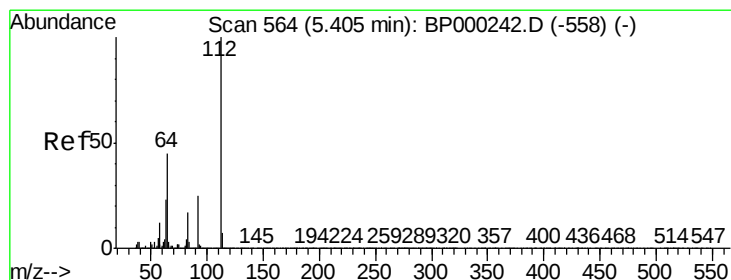
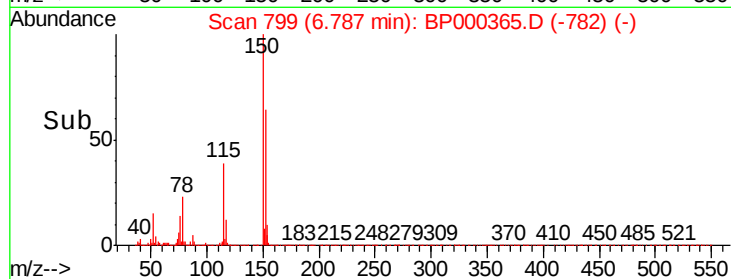
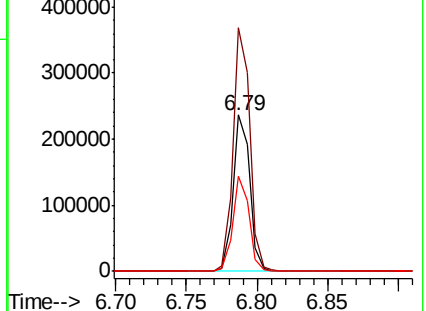
115 61.3 49.7 74.5



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: 12.247 ng

RT: 5.40 min Scan# 564

Delta R.T. -0.00 min

Lab File: BP000365.D

Acq: 20 Sep 2019 19:37

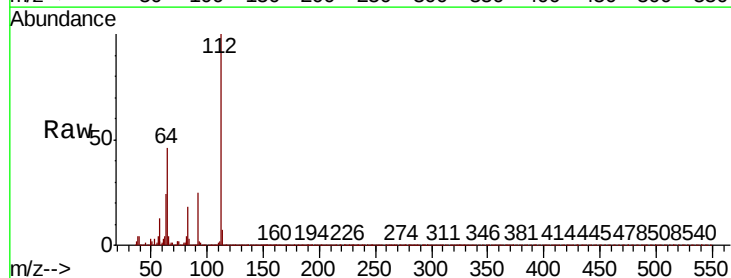
Tgt Ion:112 Resp: 137379

Ion Ratio Lower Upper

112 100

64 45.8 36.2 54.4

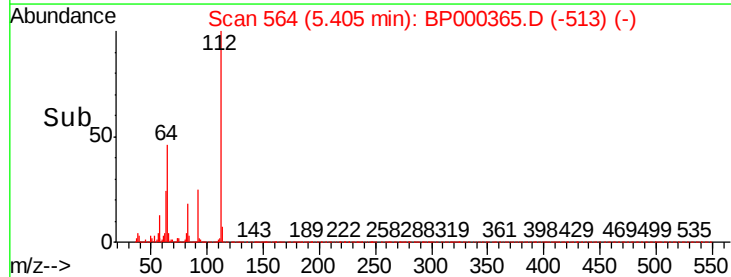
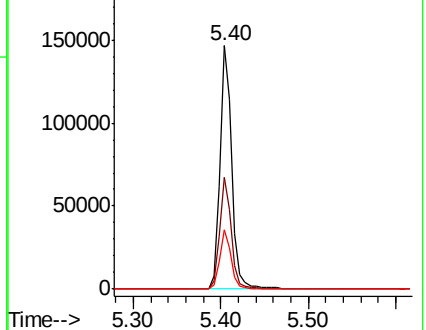
63 24.2 18.3 27.5

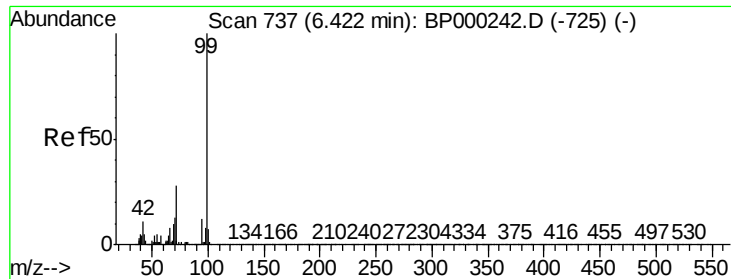


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0





#7

Phenol-d6

Concen: 13.412 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.00 min

Lab File: BP000365.D

Acq: 20 Sep 2019 19:37

Instrument :

BNA_P

ClientSampleId :

FK-GF-02-046-B

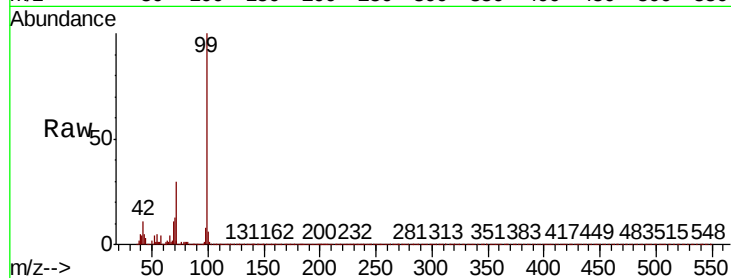
Tot Ion: 99 Resp: 184420

Ion Ratio Lower Upper

99 100

42 11.0 8.5 12.7

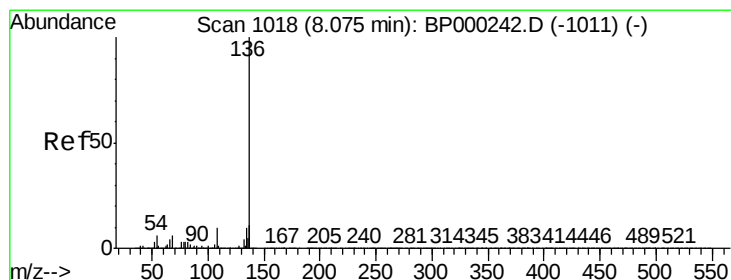
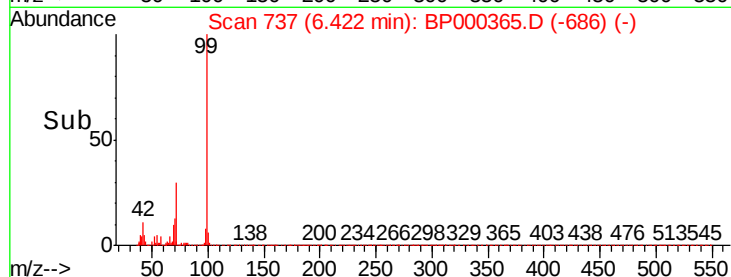
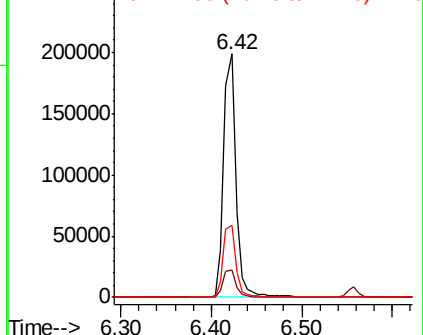
71 29.7 22.6 34.0



Abundance Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1017

Delta R.T. -0.01 min

Lab File: BP000365.D

Acq: 20 Sep 2019 19:37

Tgt Ion: 136 Resp: 741546

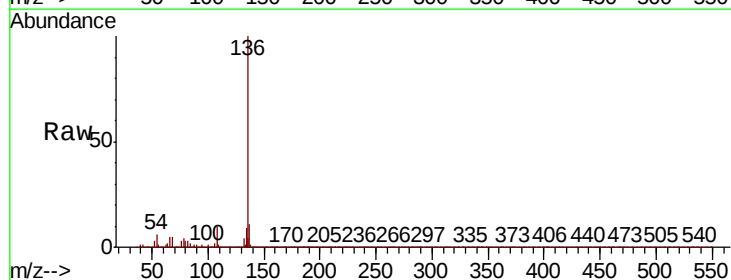
Ion Ratio Lower Upper

136 100

137 11.2 8.6 13.0

54 5.7 4.5 6.7

68 5.4 4.5 6.7

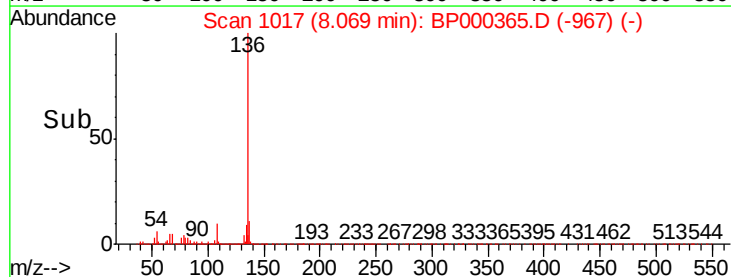
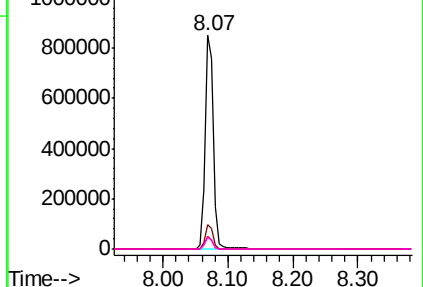


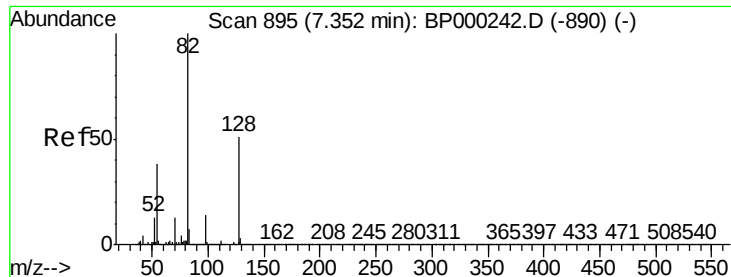
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BP0

Ion 68.00 (67.70 to 68.70): BP0

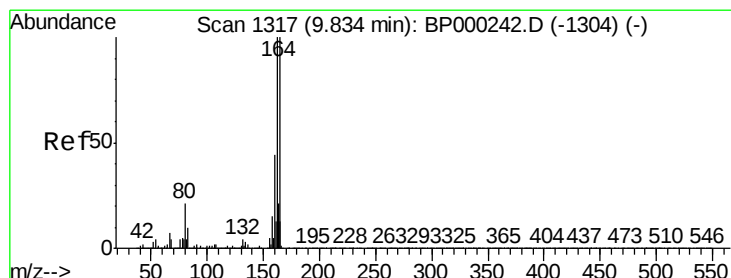
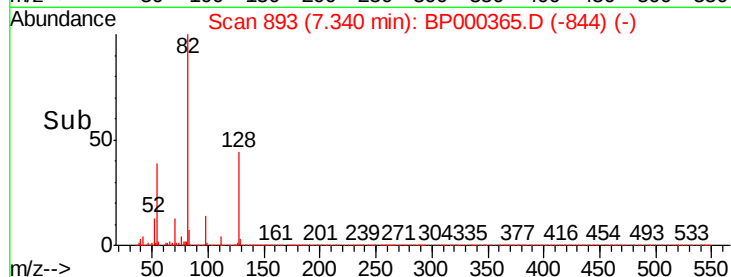
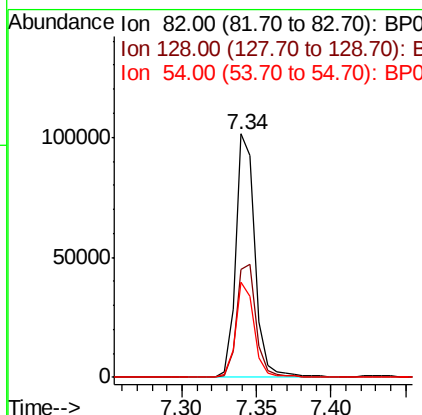
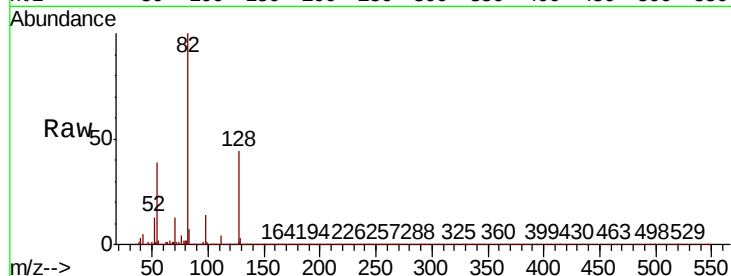




#23
Nitrobenzene-d5
Concen: 7.976 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.01 min
Lab File: BP000365.D
Acq: 20 Sep 2019 19:37

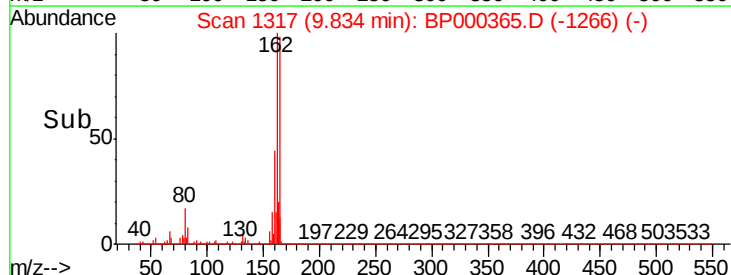
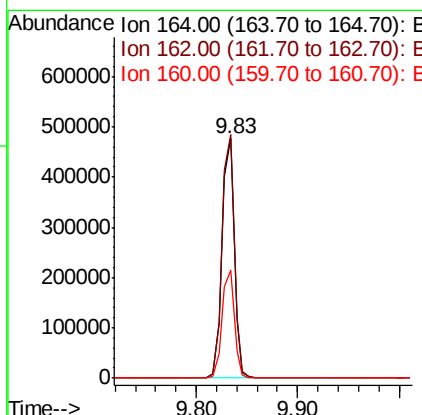
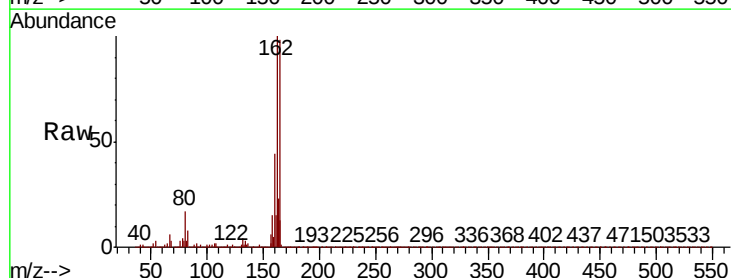
Instrument :
BNA_P
ClientSampleId :
FK-GF-02-046-B

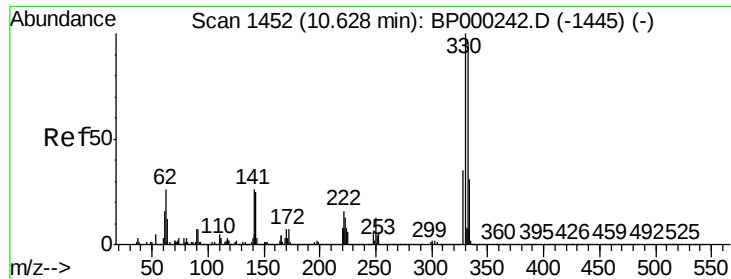
Tot Ion	82	Resp	91675
Ion Ratio	Lower	Upper	
82	100		
128	44.2	40.7	61.1
54	38.9	30.1	45.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BP000365.D
Acq: 20 Sep 2019 19:37

Tgt Ion	164	Resp	399910
Ion Ratio	Lower	Upper	
164	100		
162	101.7	79.9	119.9
160	44.9	35.6	53.4

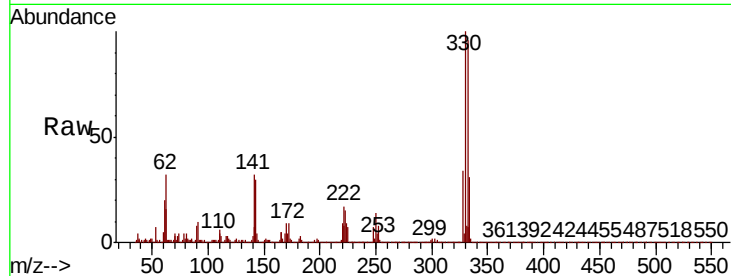




#42
2,4,6-Tribromophenol
Concen: 12.413 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.01 min
Lab File: BP000365.D
Acq: 20 Sep 2019 19:37

Instrument :
BNA_P
ClientSampleId :
FK-GF-02-046-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	76.6	115.0
141	31.7	26.5	39.7

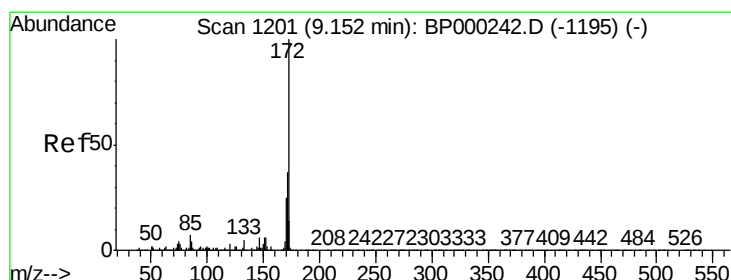
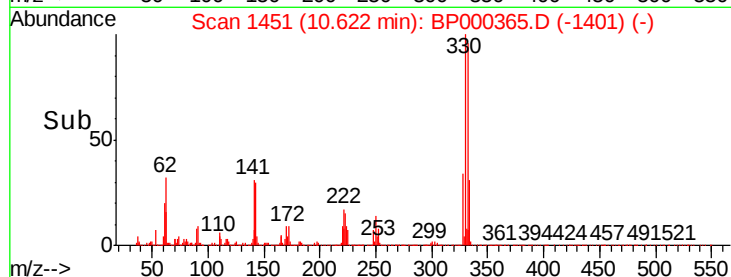
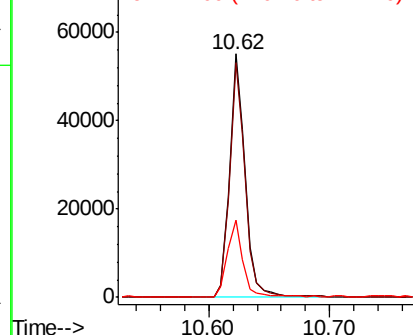


Abundance

Ion 329.80 (329.50 to 330.50): E

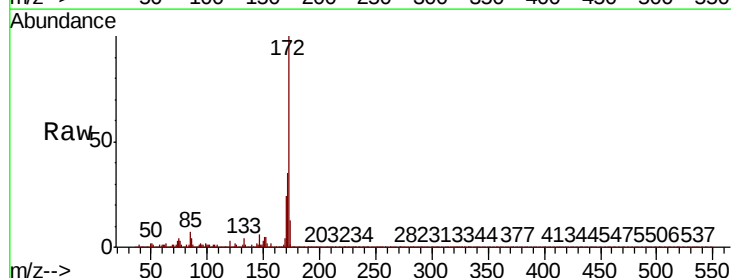
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
2-Fluorobiphenyl
Concen: 10.329 ng
RT: 9.15 min Scan# 1200
Delta R.T. -0.01 min
Lab File: BP000365.D
Acq: 20 Sep 2019 19:37

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.2	29.8	44.6
170	23.6	19.8	29.6

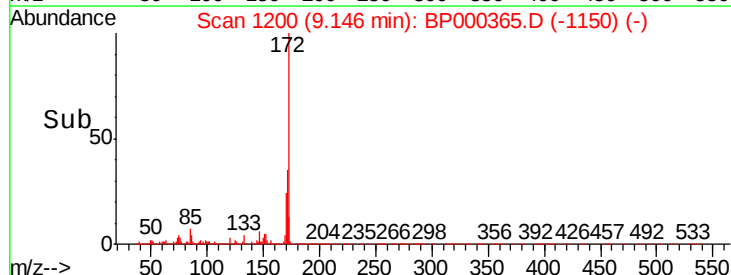
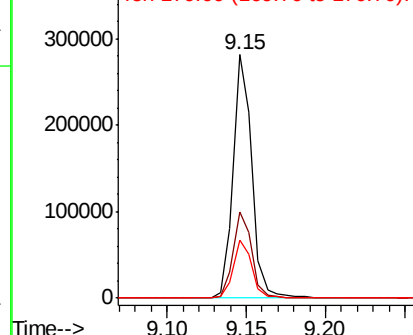


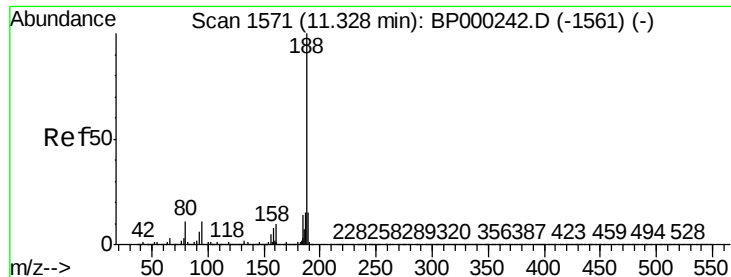
Abundance

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

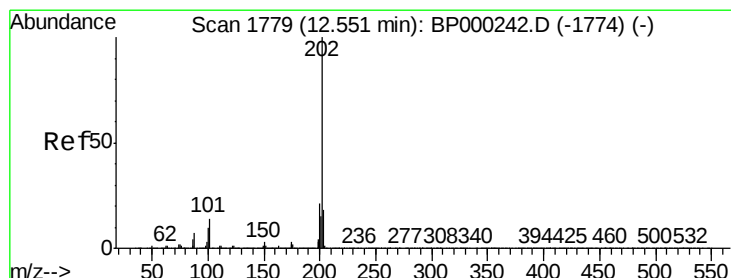
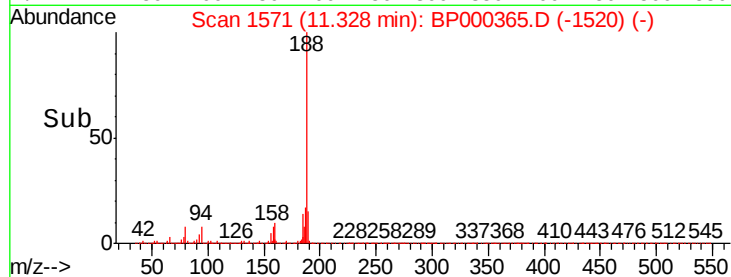
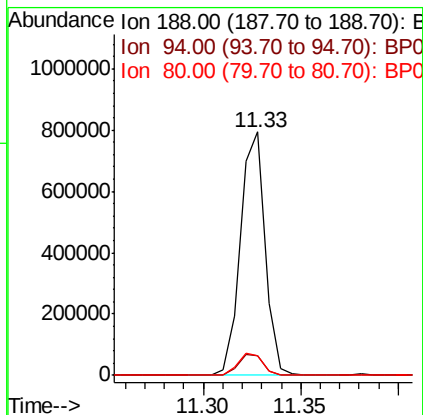
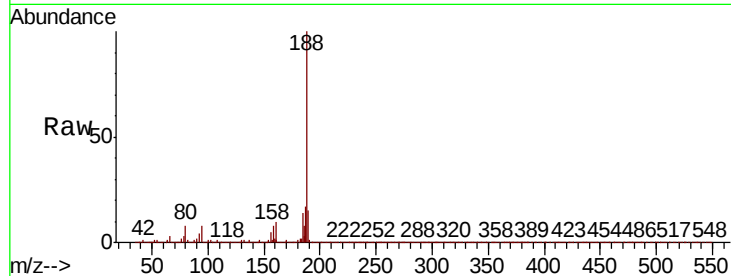




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.00 min
Lab File: BP000365.D
Acq: 20 Sep 2019 19:37

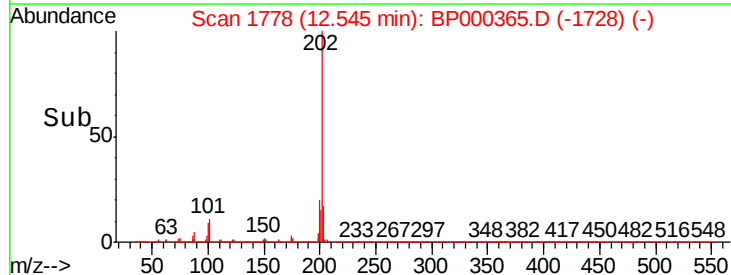
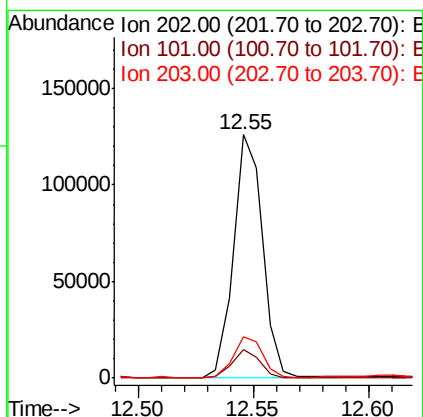
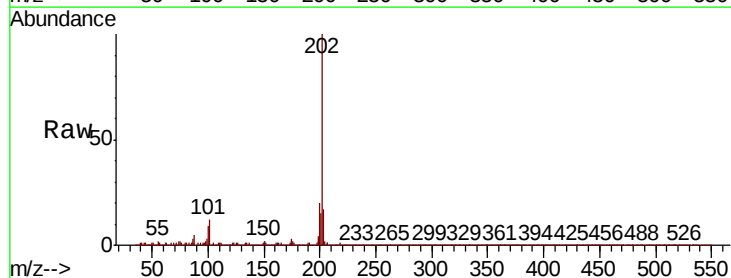
Instrument :
BNA_P
ClientSampleId :
FK-GF-02-046-B

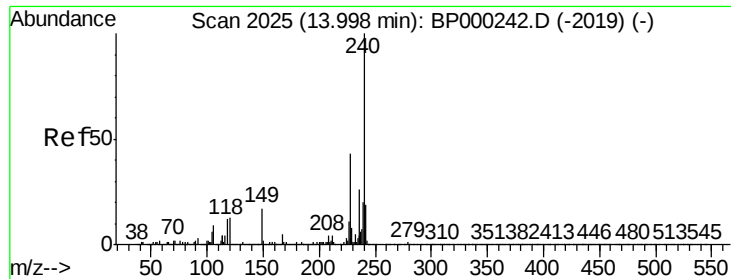
Tot Ion	Ratio	Lower	Upper
188	100		
94	8.1	8.5	12.7#
80	8.3	8.6	13.0#



#75
Fluoranthene
Concen: 2.939 ng
RT: 12.55 min Scan# 1778
Delta R.T. -0.01 min
Lab File: BP000365.D
Acq: 20 Sep 2019 19:37

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.6	0.0	33.9
203	17.2	0.0	38.0

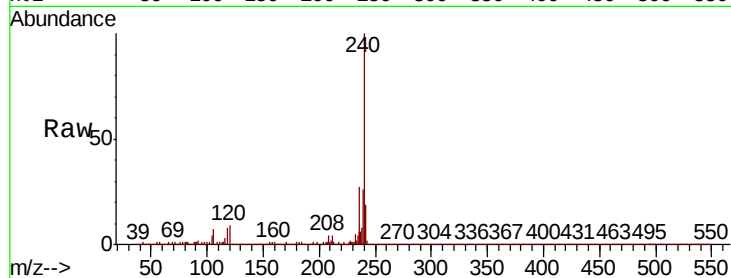




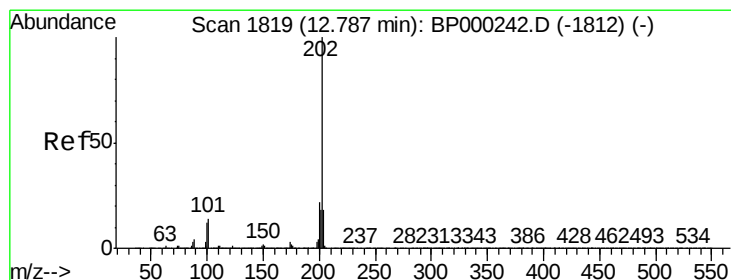
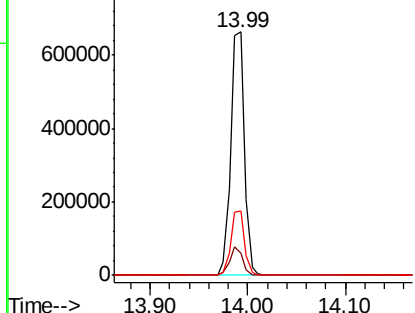
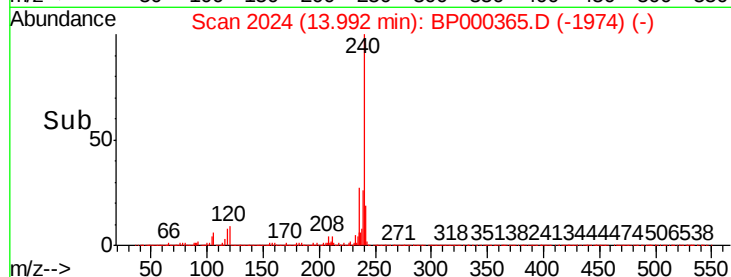
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BP000365.D
Acq: 20 Sep 2019 19:37

Instrument :
BNA_P
ClientSampleId :
FK-GF-02-046-B

Tot Ion	Ratio	Lower	Upper
240	100		
120	9.1	10.4	15.6#
236	26.5	21.0	31.6

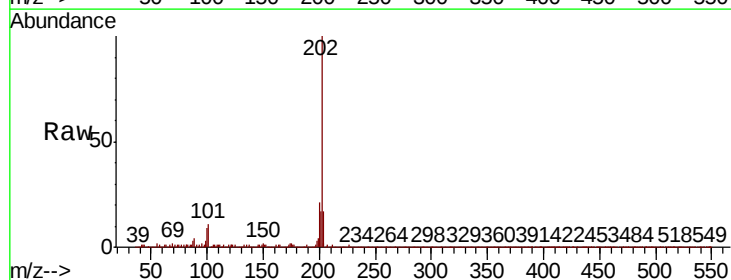


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

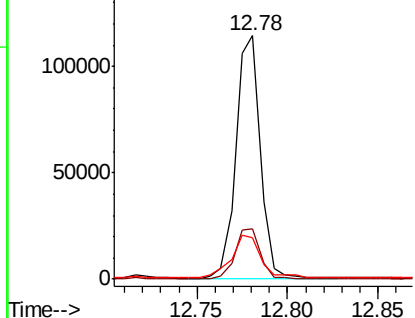
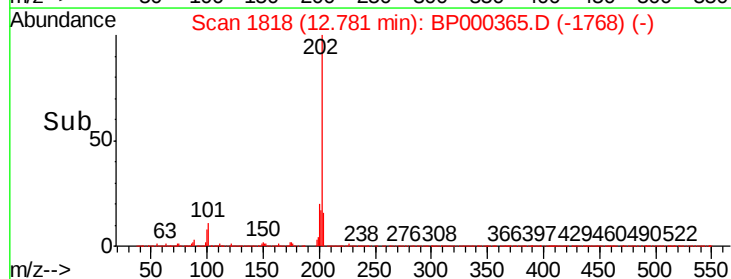


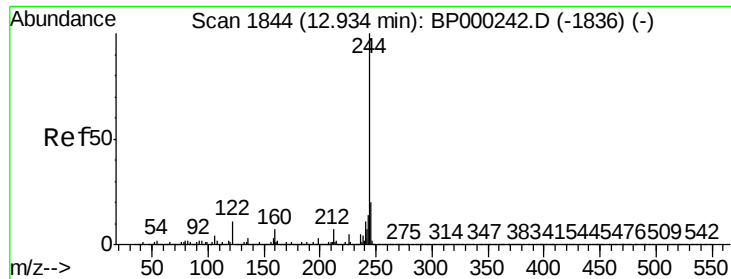
#78
Pyrene
Concen: 2.215 ng
RT: 12.78 min Scan# 1818
Delta R.T. -0.01 min
Lab File: BP000365.D
Acq: 20 Sep 2019 19:37

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.6	17.5	26.3
203	16.9	14.3	21.5



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: 8.150 ng

RT: 12.92 min Scan# 1842

Delta R.T. -0.01 min

Lab File: BP000365.D

Acq: 20 Sep 2019 19:37

Instrument :

BNA_P

ClientSampleId :

FK-GF-02-046-B

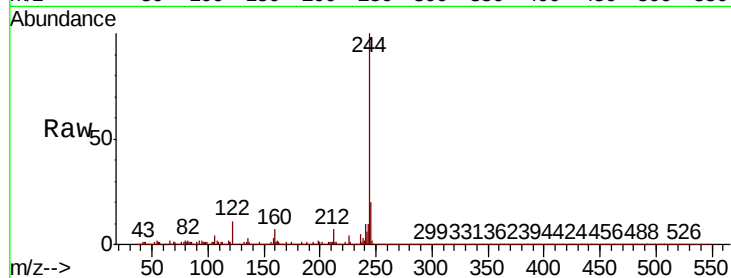
Tot Ion:244 Resp: 250799

Ion Ratio Lower Upper

244 100

212 7.1 5.9 8.9

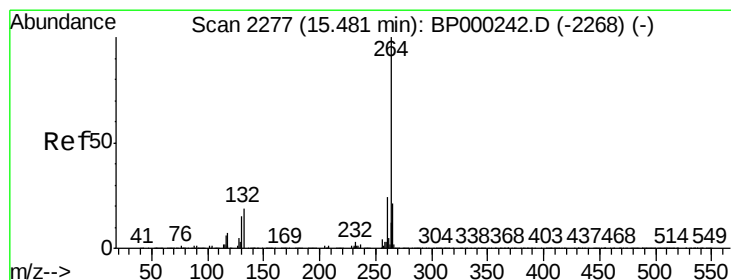
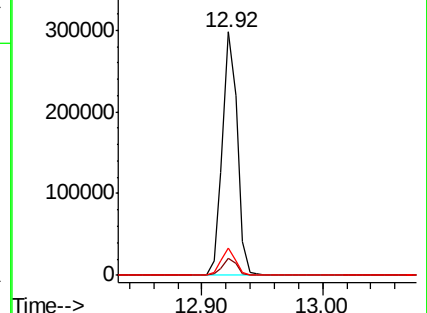
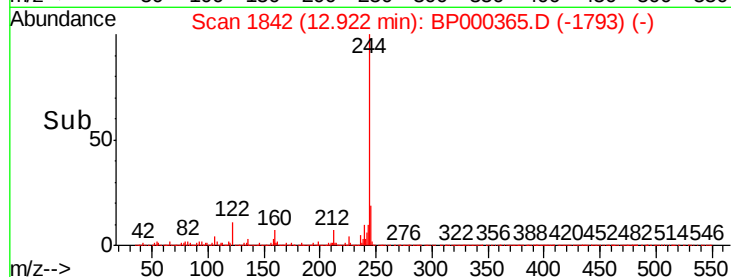
122 11.1 9.0 13.4



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: 15.47 min Scan# 2276

Delta R.T. -0.01 min

Lab File: BP000365.D

Acq: 20 Sep 2019 19:37

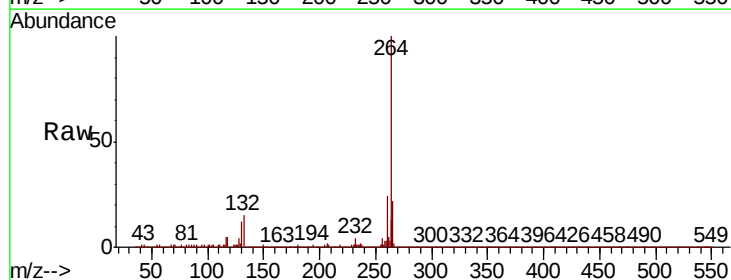
Tgt Ion:264 Resp: 734868

Ion Ratio Lower Upper

264 100

260 23.9 18.9 28.3

265 21.7 17.2 25.8



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

