

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072319\
 Data File : BF115731.D
 Acq On : 23 Jul 2019 20:50
 Operator : HP/JU
 Sample : K3622-10
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-071919-A

Quant Time: Jul 24 06:46:01 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 12 14:03:52 2019
 Response via : Initial Calibration

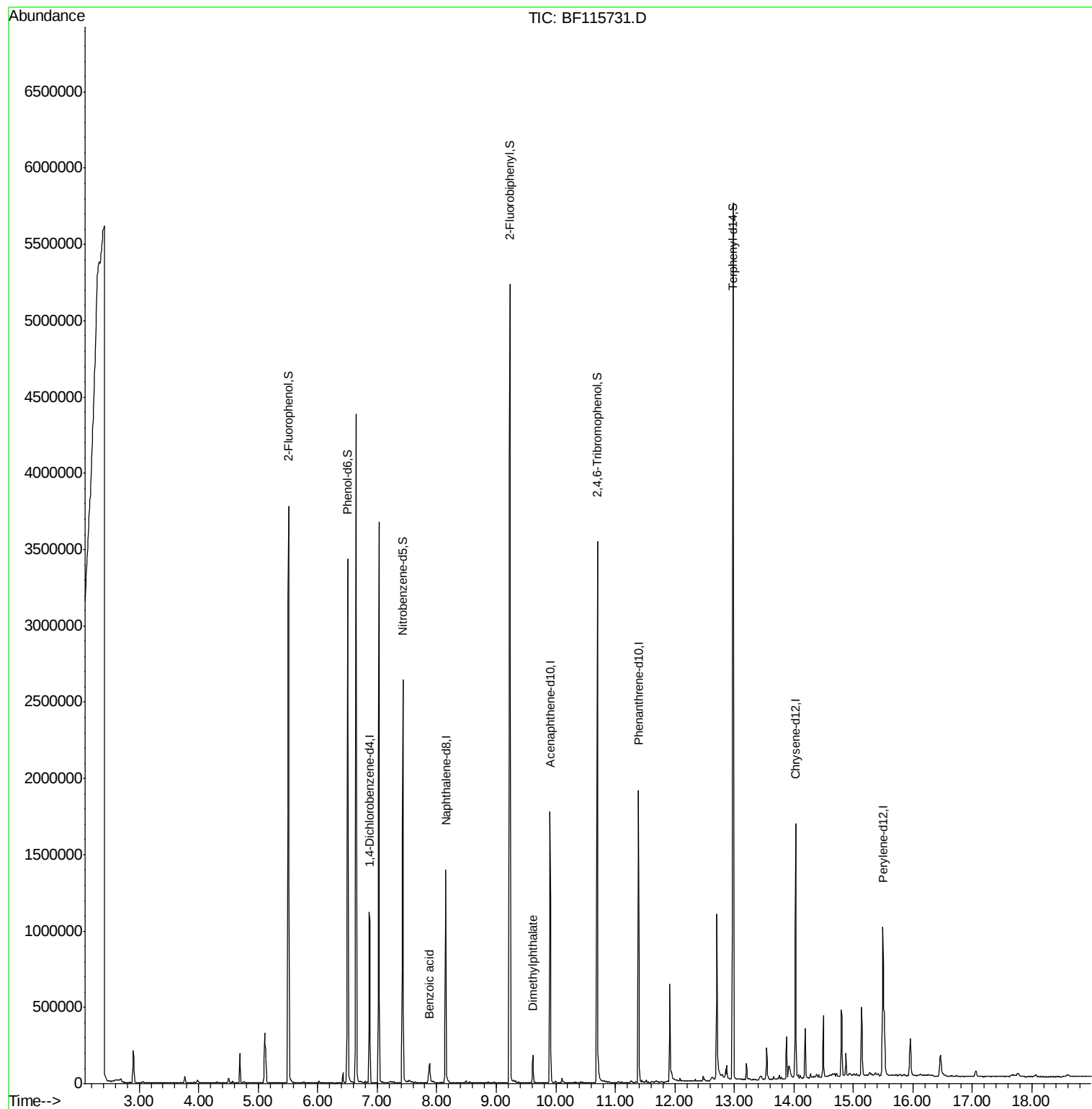
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	169459	20.00	ng	-0.01
21) Naphthalene-d8	8.15	136	655722	20.00	ng	-0.02
39) Acenaphthene-d10	9.90	164	365844	20.00	ng	-0.02
64) Phenanthrene-d10	11.39	188	681580	20.00	ng	-0.02
76) Chrysene-d12	14.03	240	537404	20.00	ng	-0.02
87) Perylene-d12	15.50	264	476505	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	1145560	110.58	ng	0.00
7) Phenol-d6	6.50	99	1367461	104.02	ng	-0.01
23) Nitrobenzene-d5	7.43	82	1045846	92.74	ng	-0.02
42) 2,4,6-Tribromophenol	10.70	330	532794	124.77	ng	-0.02
45) 2-Fluorobiphenyl	9.23	172	1893272	90.58	ng	-0.02
79) Terphenyl-d14	12.98	244	2410845	82.78	ng	-0.02
Target Compounds						
32) Benzoic acid	7.88	122	46390	6.034	ng	98
50) Dimethylphthalate	9.62	163	74847	2.719	ng	98

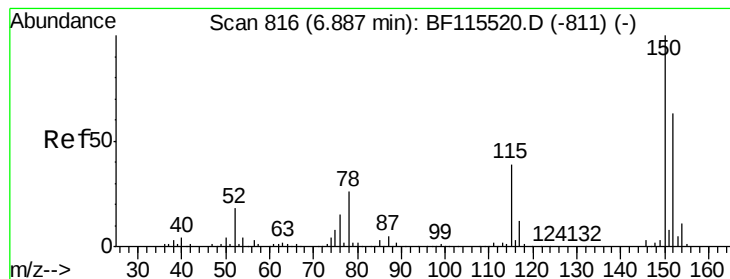
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
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QLast Update : Fri Jul 12 14:03:52 2019
Response via : Initial Calibration



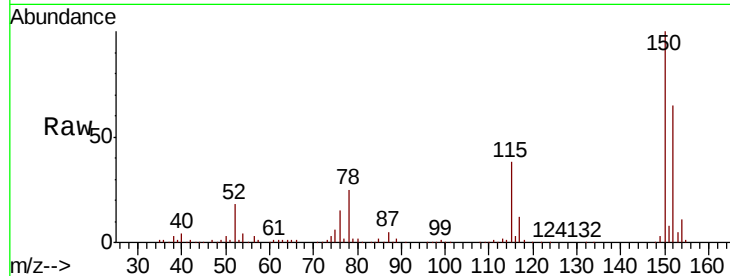


#1

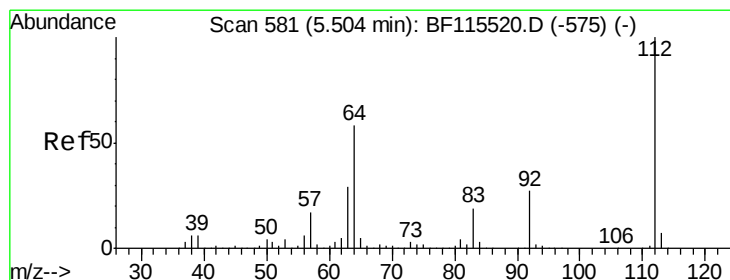
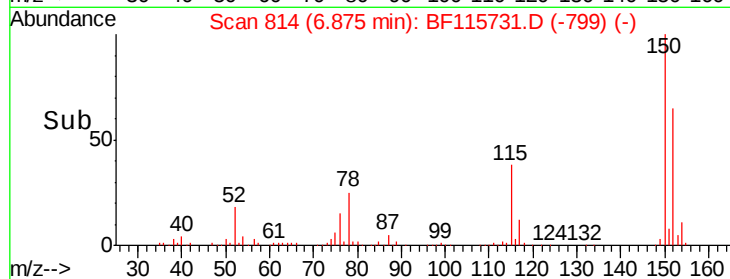
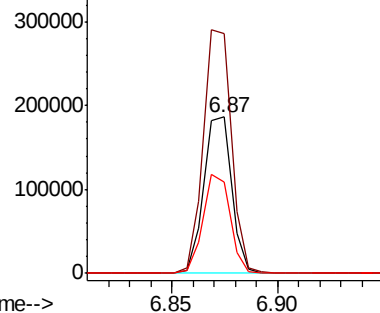
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.87 min Scan# 814
 Delta R.T. -0.01 min
 Lab File: BF115731.D
 Acq: 23 Jul 2019 20:50

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-071919-A

Tot Ion:152 Resp: 169459
 Ion Ratio Lower Upper
 152 100
 150 153.0 129.7 194.5
 115 58.0 48.2 72.4



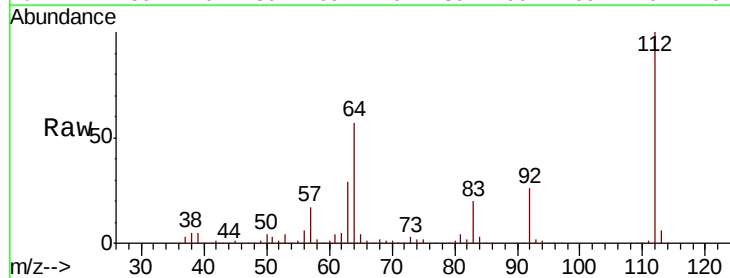
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



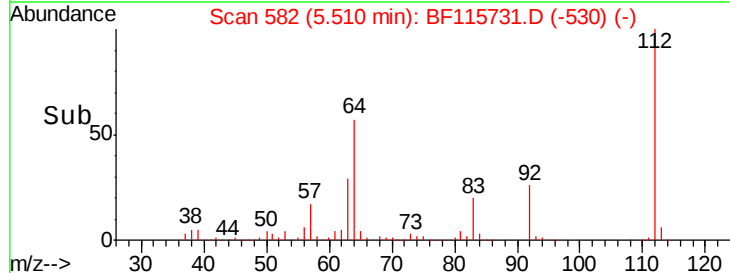
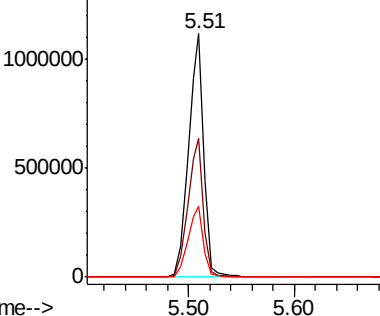
#5

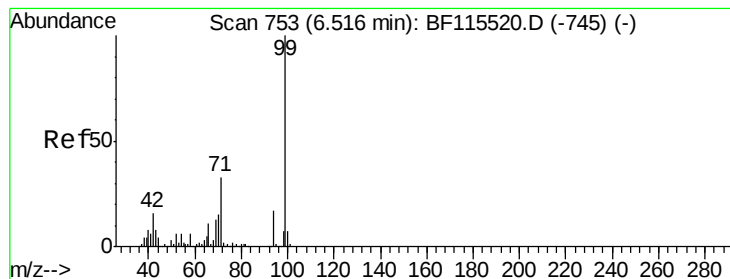
2-Fluorophenol
 Concen: 110.576 ng
 RT: 5.51 min Scan# 582
 Delta R.T. 0.01 min
 Lab File: BF115731.D
 Acq: 23 Jul 2019 20:50

Tgt Ion:112 Resp: 1145560
 Ion Ratio Lower Upper
 112 100
 64 57.0 46.8 70.2
 63 29.2 24.1 36.1



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: 104.024 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF115731.D

Acq: 23 Jul 2019 20:50

Instrument :

BNA_F

ClientSampleId :

OR-02-071919-A

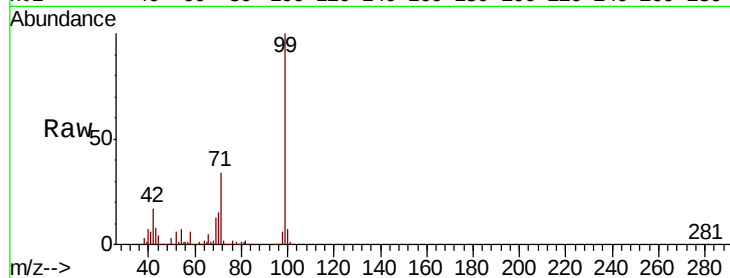
Tot Ion: 99 Resp: 1367461

Ion Ratio Lower Upper

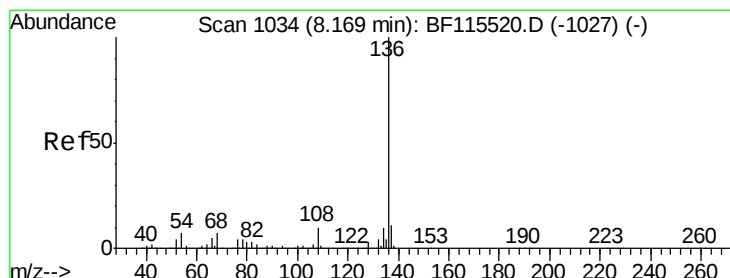
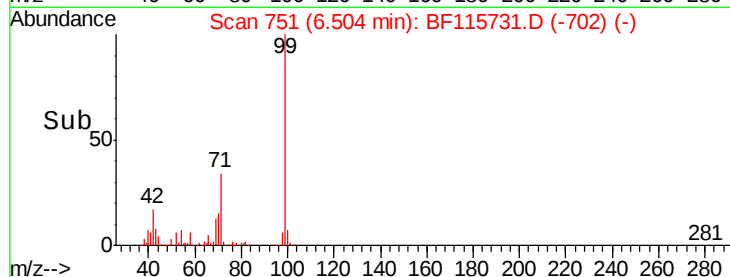
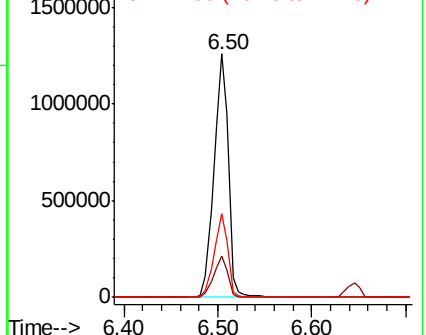
99 100

42 16.9 13.6 20.4

71 34.4 28.5 42.7



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: 8.15 min Scan# 1031

Delta R.T. -0.02 min

Lab File: BF115731.D

Acq: 23 Jul 2019 20:50

Tgt Ion: 136 Resp: 655722

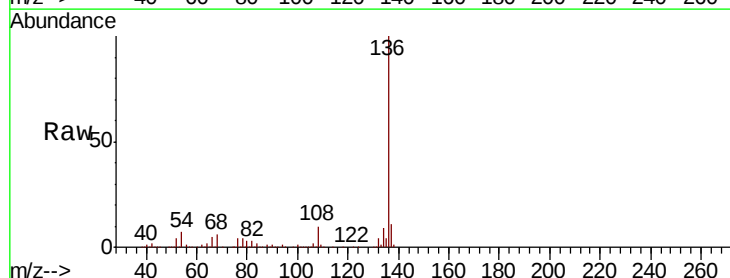
Ion Ratio Lower Upper

136 100

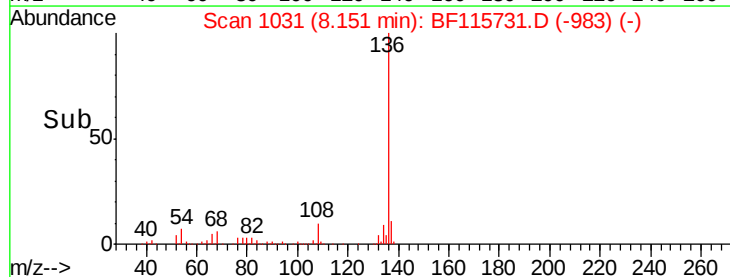
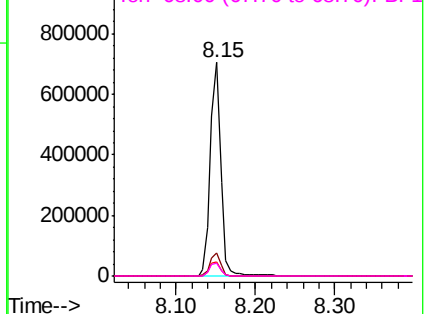
137 11.0 9.0 13.4

54 6.7 5.6 8.4

68 5.9 5.0 7.6



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

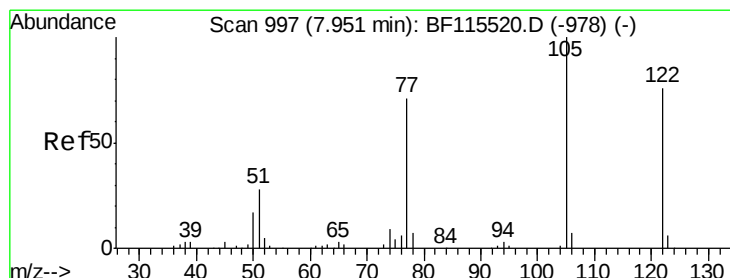
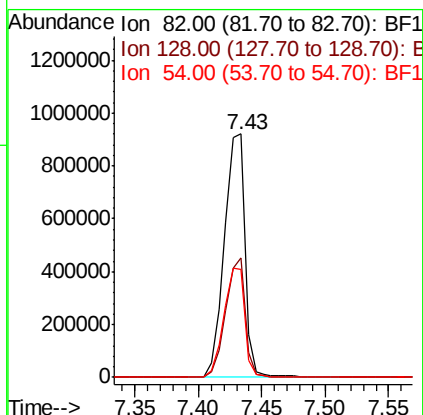
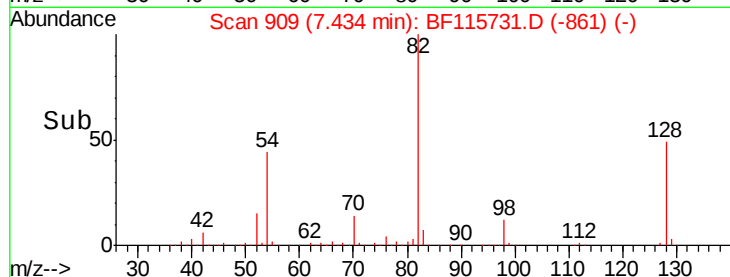
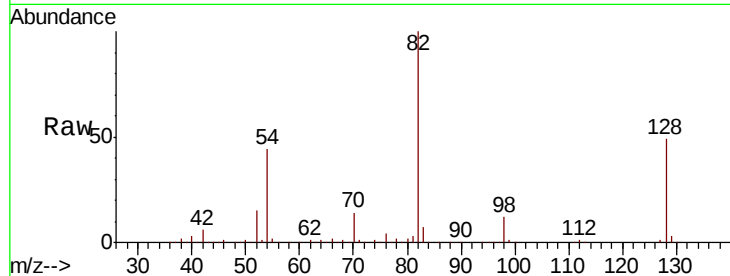




#23
 Nitrobenzene-d5
 Concen: 92.741 ng
 RT: 7.43 min Scan# 909
 Delta R.T. -0.02 min
 Lab File: BF115731.D
 Acq: 23 Jul 2019 20:50

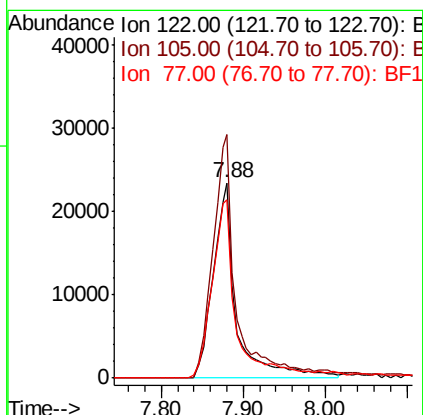
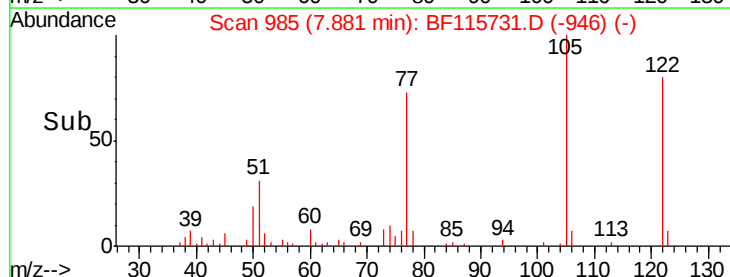
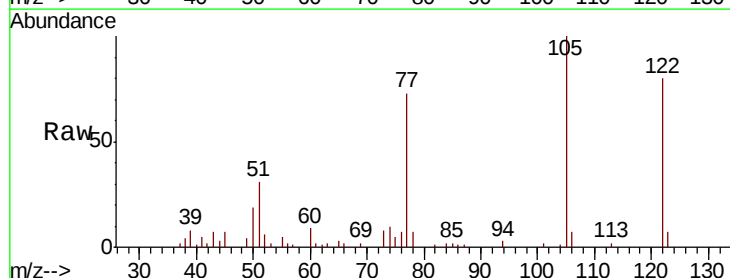
Instrument :
 BNA_F
 ClientSampleId :
 OR-02-071919-A

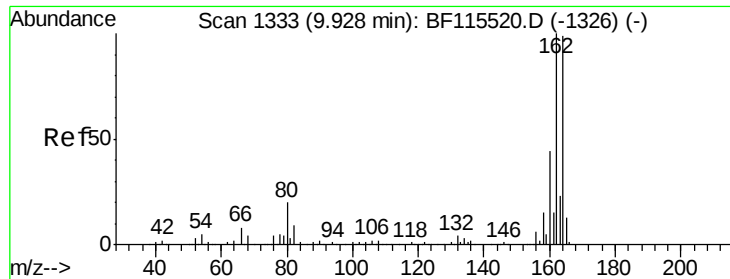
Tot Ion: 82 Resp: 1045846
 Ion Ratio Lower Upper
 82 100
 128 49.0 38.6 57.8
 54 44.1 35.6 53.4



#32
 Benzoic acid
 Concen: 6.034 ng
 RT: 7.88 min Scan# 985
 Delta R.T. -0.07 min
 Lab File: BF115731.D
 Acq: 23 Jul 2019 20:50

Tgt Ion: 122 Resp: 46390
 Ion Ratio Lower Upper
 122 100
 105 124.5 102.5 142.5
 77 91.3 70.2 110.2

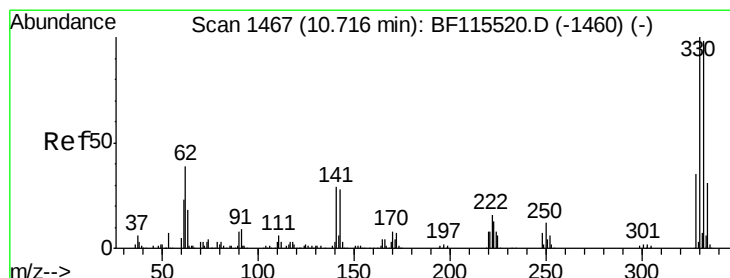
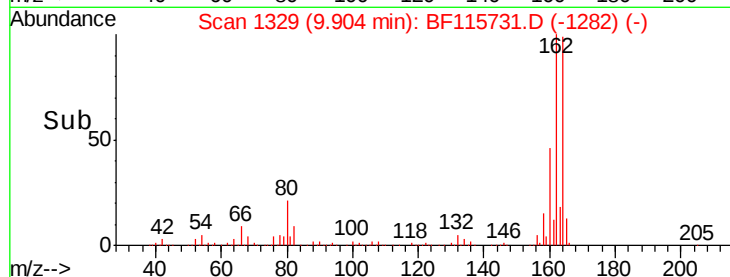
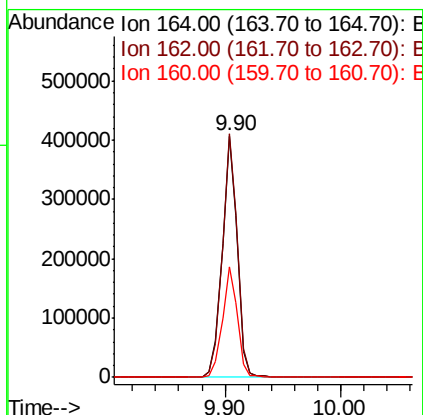
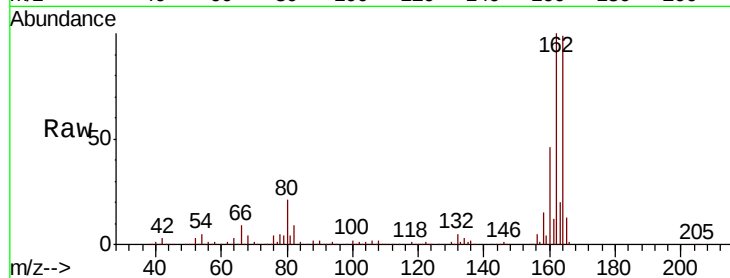




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.90 min Scan# 1329
 Delta R.T. -0.02 min
 Lab File: BF115731.D
 Acq: 23 Jul 2019 20:50

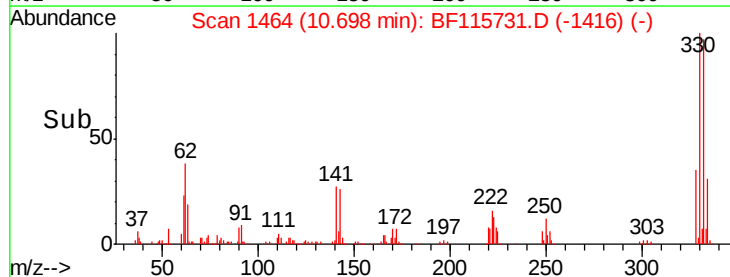
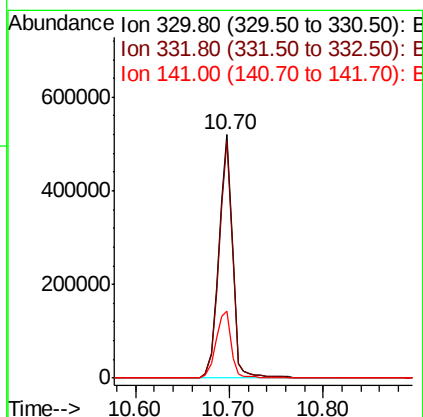
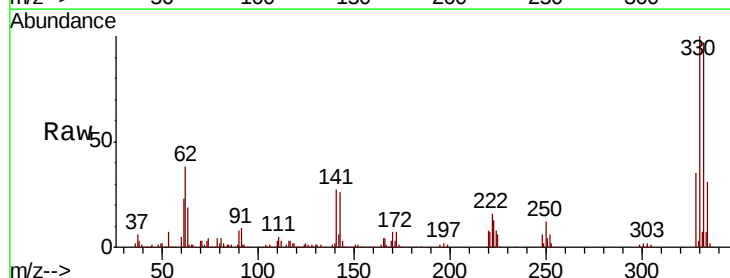
Instrument :
 BNA_F
 ClientSampleId :
 OR-02-071919-A

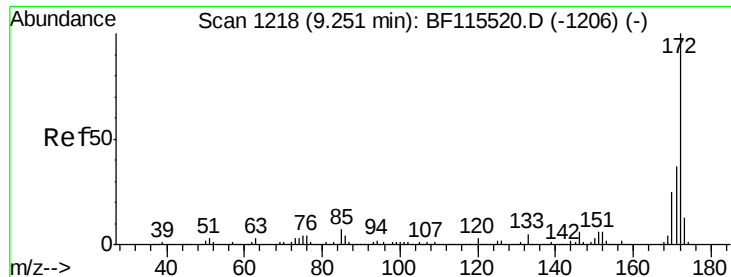
Tot Ion:164 Resp: 365844
 Ion Ratio Lower Upper
 164 100
 162 101.0 82.9 124.3
 160 46.0 36.8 55.2



#42
 2,4,6-Tribromophenol
 Concen: 124.768 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.02 min
 Lab File: BF115731.D
 Acq: 23 Jul 2019 20:50

Tgt Ion:330 Resp: 532794
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.4 116.2
 141 31.0 22.4 33.6

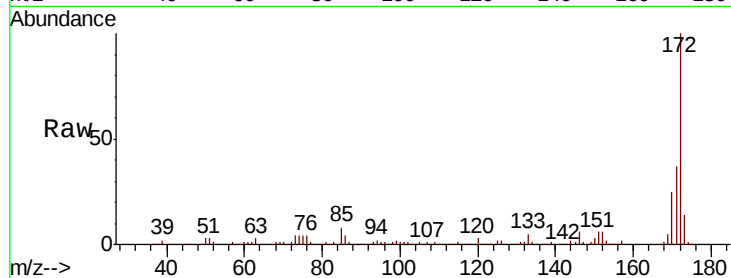




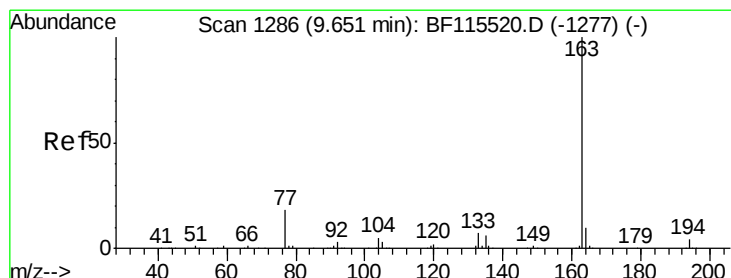
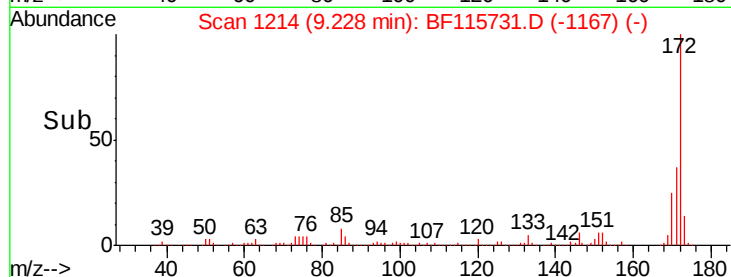
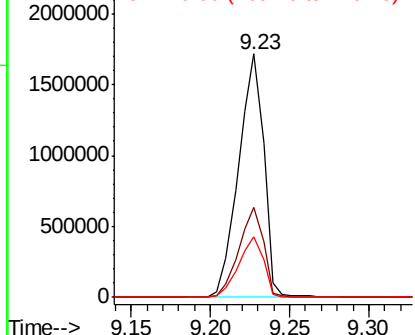
#45
2-Fluorobiphenyl
Concen: 90.579 ng
RT: 9.23 min Scan# 1214
Delta R.T. -0.02 min
Lab File: BF115731.D
Acq: 23 Jul 2019 20:50

Instrument :
BNA_F
ClientSampleId :
OR-02-071919-A

Tot Ion:172 Resp: 1893272
Ion Ratio Lower Upper
172 100
171 37.1 30.6 46.0
170 25.0 20.5 30.7

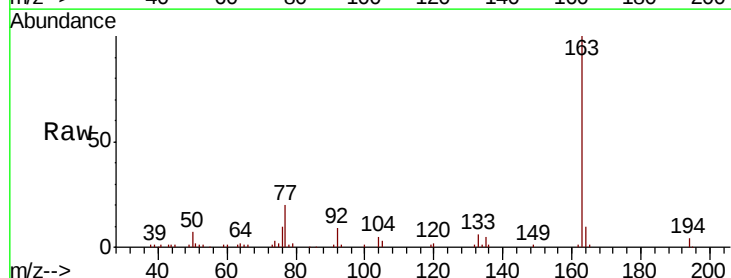


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

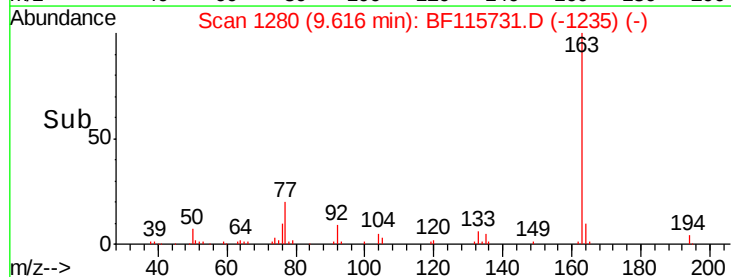
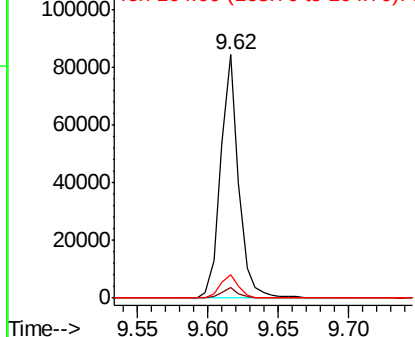


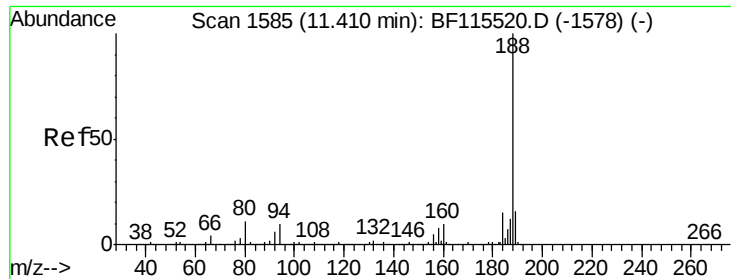
#50
Dimethylphthalate
Concen: 2.719 ng
RT: 9.62 min Scan# 1280
Delta R.T. -0.04 min
Lab File: BF115731.D
Acq: 23 Jul 2019 20:50

Tgt Ion:163 Resp: 74847
Ion Ratio Lower Upper
163 100
194 4.2 3.3 4.9
164 9.8 8.7 13.1



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: 11.39 min Scan# 1582

Delta R.T. -0.02 min

Lab File: BF115731.D

Acq: 23 Jul 2019 20:50

Instrument :

BNA_F

ClientSampleId :

OR-02-071919-A

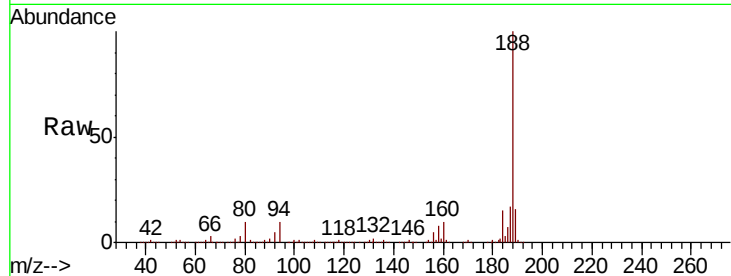
Tot Ion:188 Resp: 681580

Ion Ratio Lower Upper

188 100

94 9.5 7.8 11.6

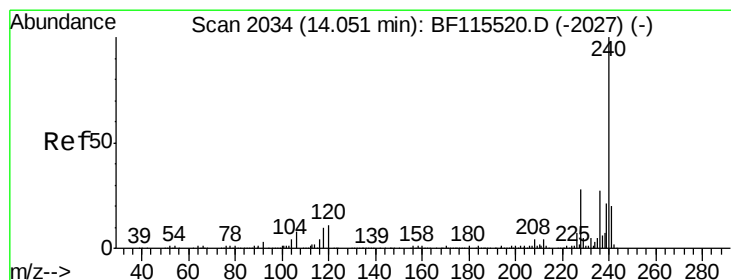
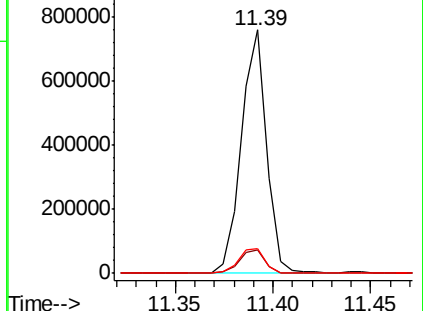
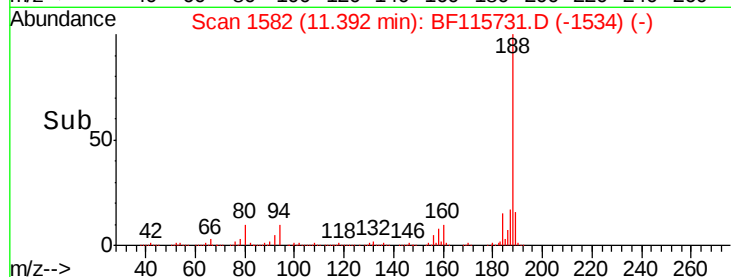
80 10.1 8.6 13.0



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: 14.03 min Scan# 2030

Delta R.T. -0.02 min

Lab File: BF115731.D

Acq: 23 Jul 2019 20:50

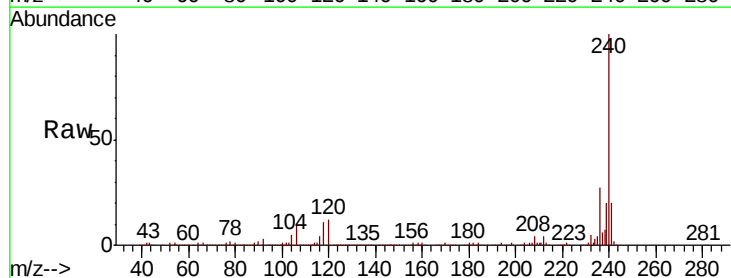
Tgt Ion:240 Resp: 537404

Ion Ratio Lower Upper

240 100

120 12.4 8.6 13.0

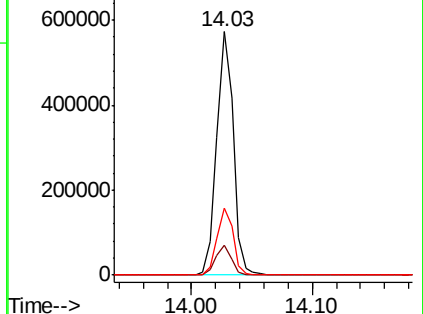
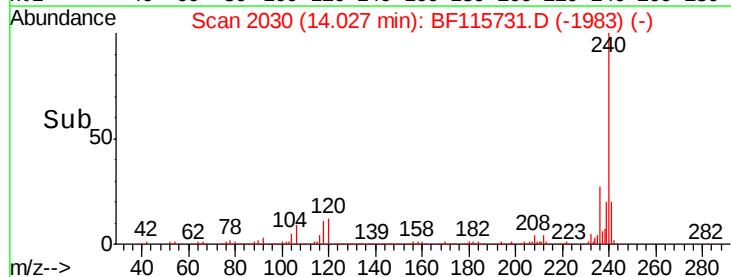
236 27.4 21.3 31.9

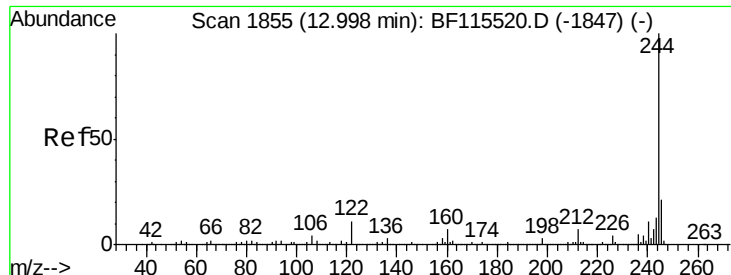


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 82.776 ng

RT: 12.98 min Scan# 1852

Delta R.T. -0.02 min

Lab File: BF115731.D

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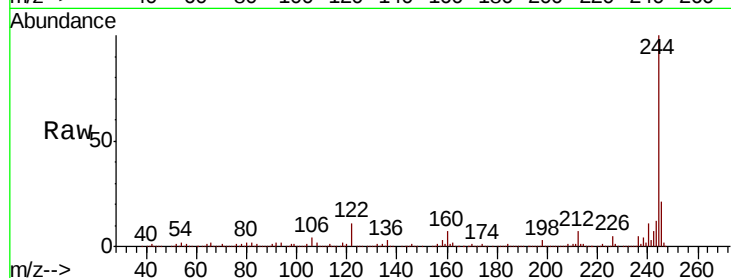
Tot Ion:244 Resp: 2410845

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

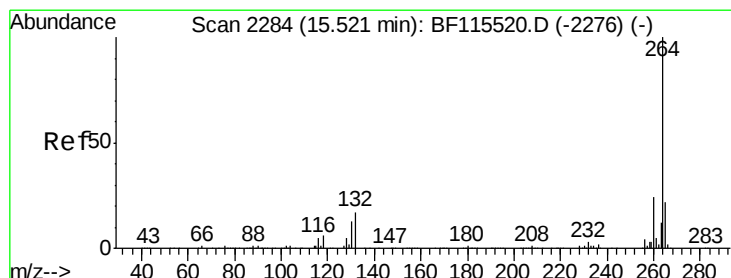
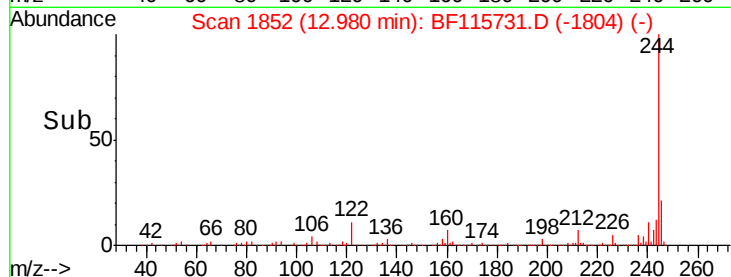
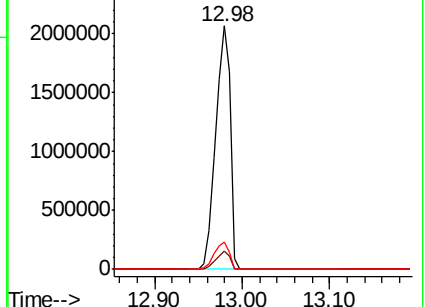
122 11.3 8.6 12.8



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: 15.50 min Scan# 2280

Delta R.T. -0.02 min

Lab File: BF115731.D

Acq: 23 Jul 2019 20:50

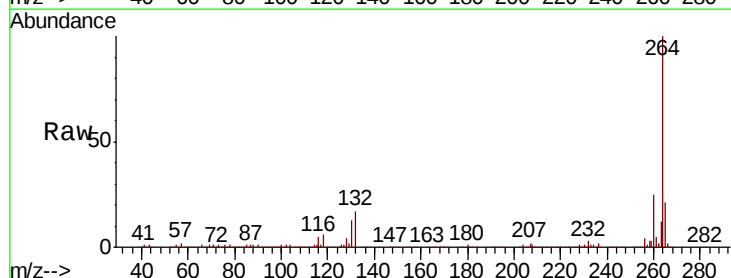
Tgt Ion:264 Resp: 476505

Ion Ratio Lower Upper

264 100

260 24.6 19.8 29.8

265 21.1 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

