

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082019\
 Data File : BF116454.D
 Acq On : 21 Aug 2019 2:15
 Operator : HP/JU
 Sample : K4354-01 10X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PX-01-081319

Quant Time: Aug 21 07:11:55 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 19 06:03:31 2019
 Response via : Initial Calibration

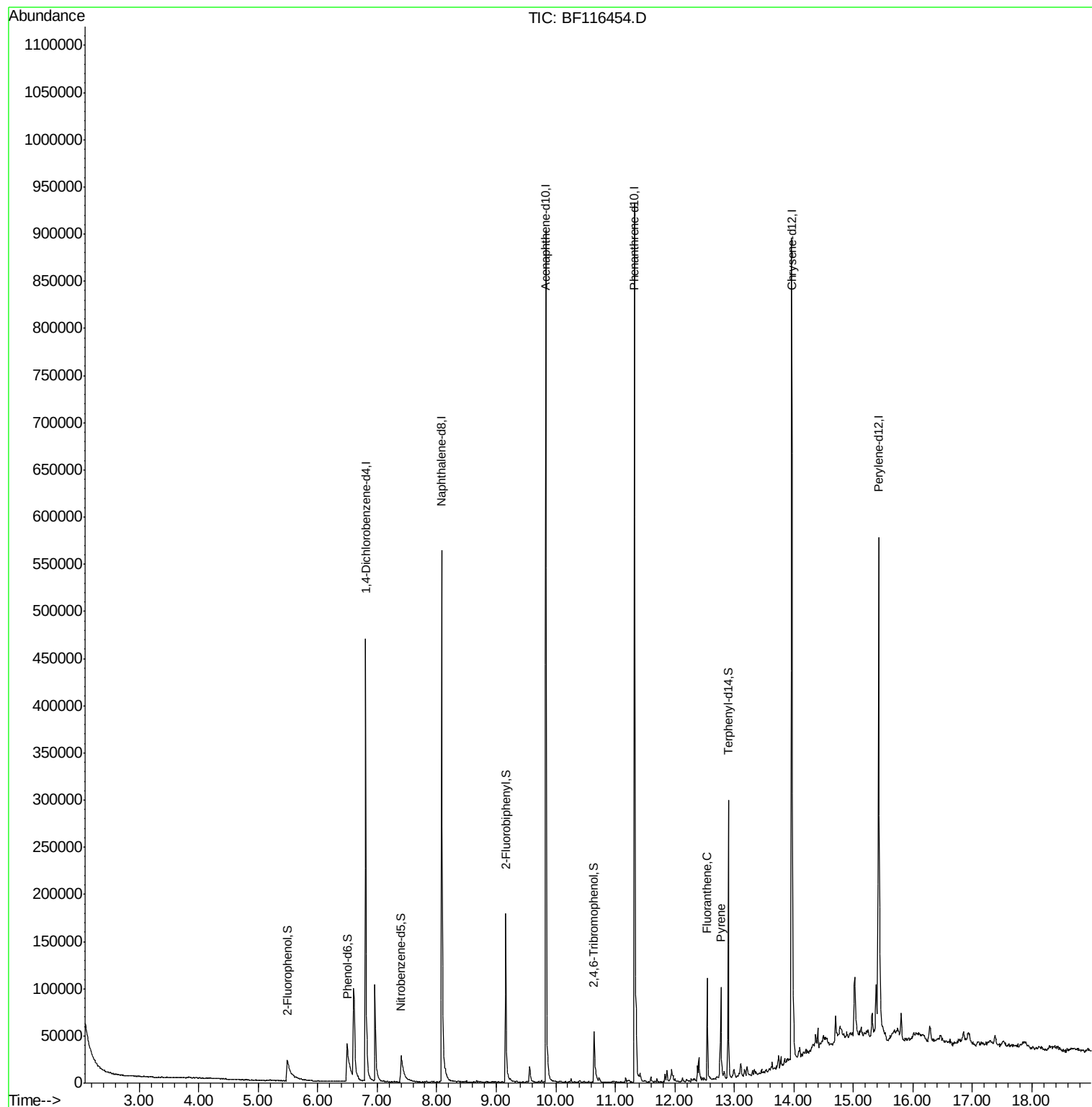
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	81598	20.00	ng	-0.01
21) Naphthalene-d8	8.09	136	341112	20.00	ng	-0.01
39) Acenaphthene-d10	9.83	164	192449	20.00	ng	-0.02
64) Phenanthrene-d10	11.32	188	367789	20.00	ng	-0.02
76) Chrysene-d12	13.96	240	284852	20.00	ng	-0.02
87) Perylene-d12	15.42	264	276161	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	38124	7.82	ng	0.05
7) Phenol-d6	6.49	99	63896	10.39	ng	0.03
23) Nitrobenzene-d5	7.40	82	37978	6.43	ng	0.02
42) 2,4,6-Tribromophenol	10.65	330	15286	8.19	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	78004	7.59	ng	-0.01
79) Terphenyl-d14	12.90	244	101246	7.49	ng	-0.02
Target Compounds						
75) Fluoranthene	12.55	202	53575	2.722	ng	98
78) Pyrene	12.77	202	48953	2.280	ng	98

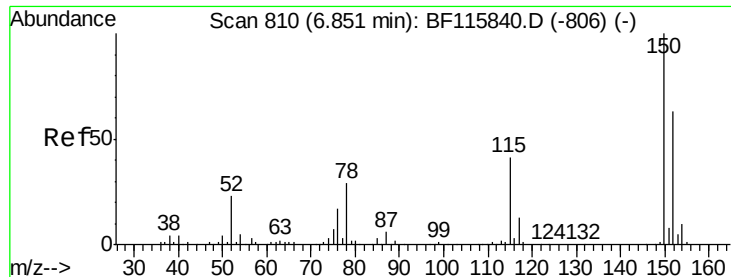
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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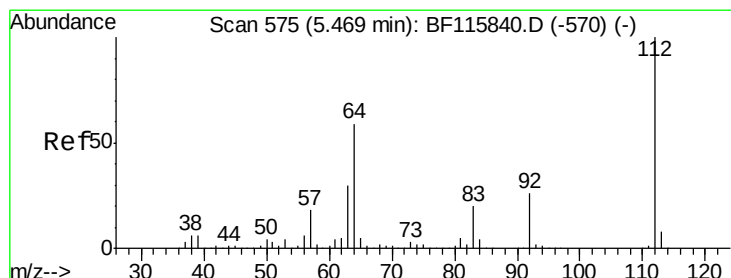
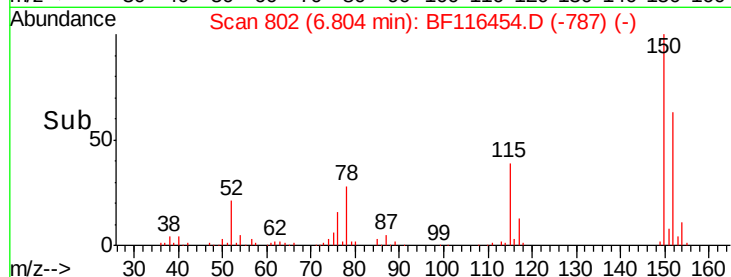
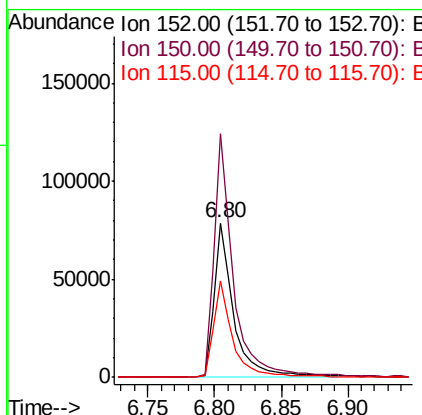
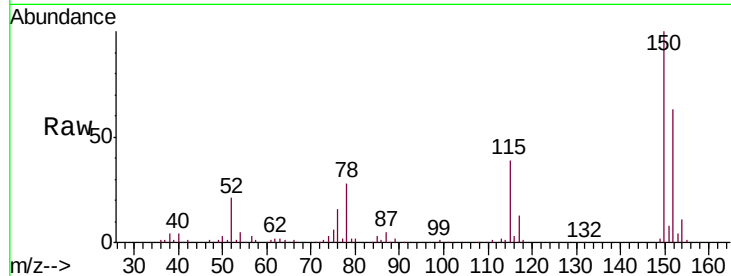




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.80 min Scan# 802
 Delta R.T. -0.01 min
 Lab File: BF116454.D
 Acq: 21 Aug 2019 2:15

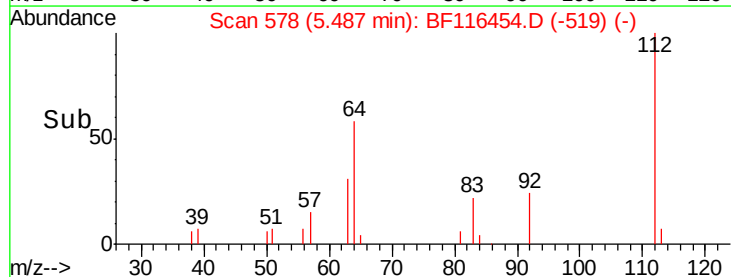
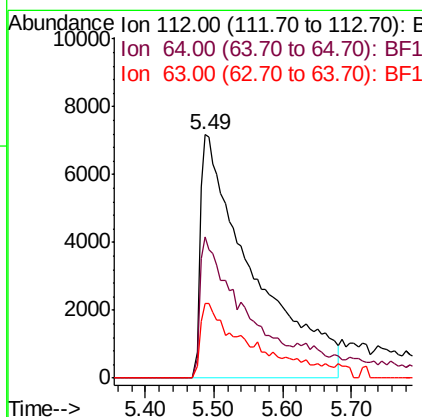
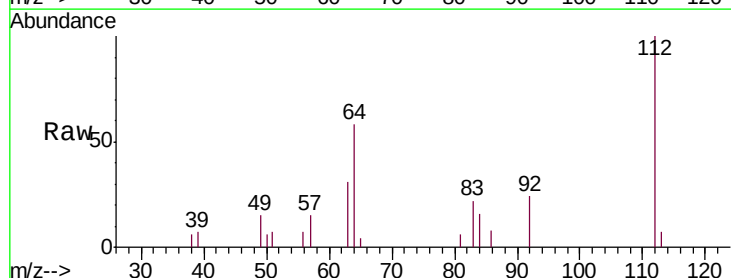
Instrument :
 BNA_F
 ClientSampleId :
 PX-01-081319

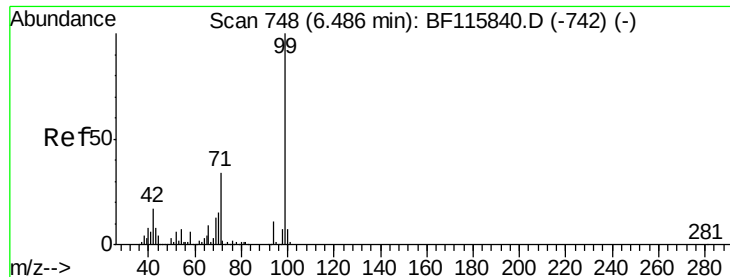
Tot Ion:152 Resp: 81598
 Ion Ratio Lower Upper
 152 100
 150 157.8 126.2 189.2
 115 62.2 49.9 74.9



#5
 2-Fluorophenol
 Concen: 7.822 ng
 RT: 5.49 min Scan# 578
 Delta R.T. 0.05 min
 Lab File: BF116454.D
 Acq: 21 Aug 2019 2:15

Tgt Ion:112 Resp: 38124
 Ion Ratio Lower Upper
 112 100
 64 57.8 45.4 68.2
 63 30.5 23.7 35.5





#7

Phenol-d6

Concen: 10.390 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.03 min

Lab File: BF116454.D

Acq: 21 Aug 2019 2:15

Instrument :

BNA_F

ClientSampleId :

PX-01-081319

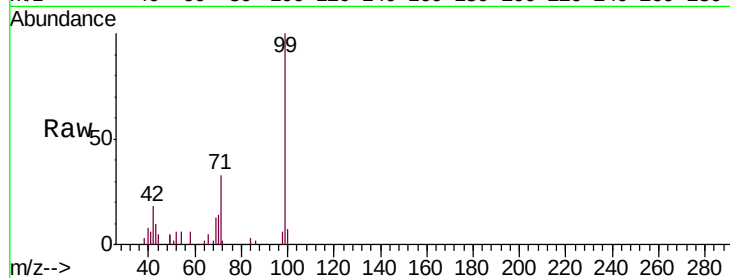
Tot Ion: 99 Resp: 63896

Ion Ratio Lower Upper

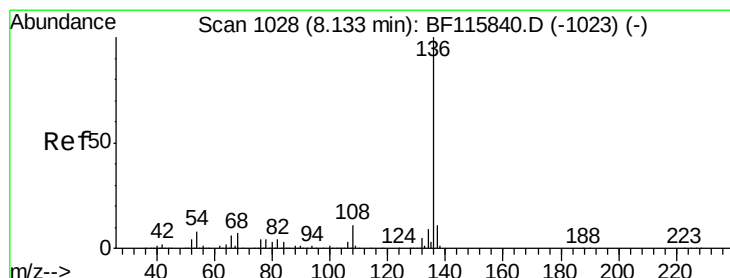
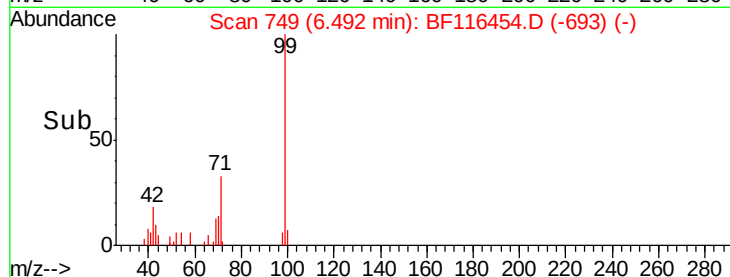
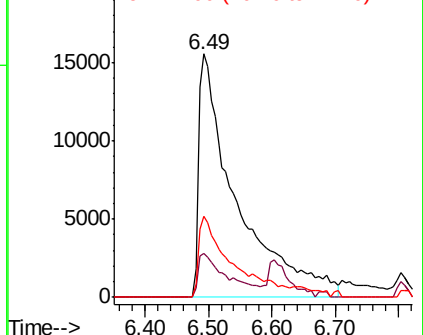
99 100

42 18.1 13.8 20.8

71 33.1 27.3 40.9



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: 8.09 min Scan# 1020

Delta R.T. -0.01 min

Lab File: BF116454.D

Acq: 21 Aug 2019 2:15

Tgt Ion: 136 Resp: 341112

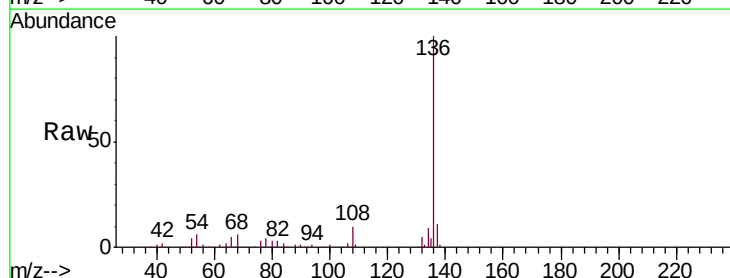
Ion Ratio Lower Upper

136 100

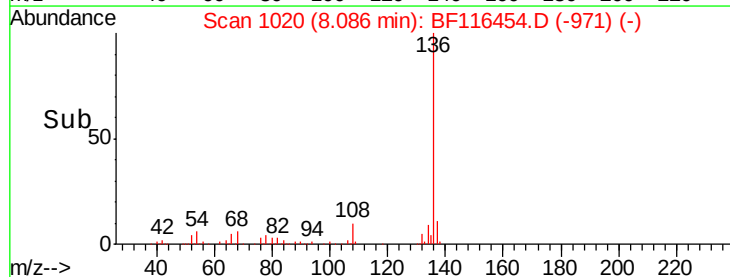
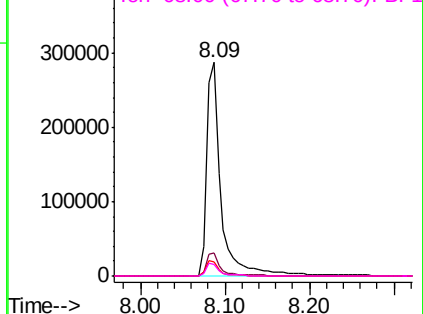
137 10.8 9.0 13.4

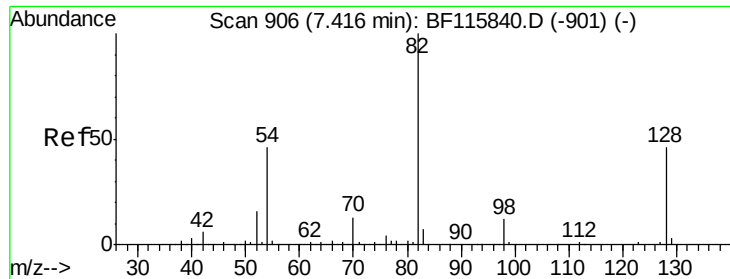
54 6.5 5.8 8.6

68 5.6 5.2 7.8



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

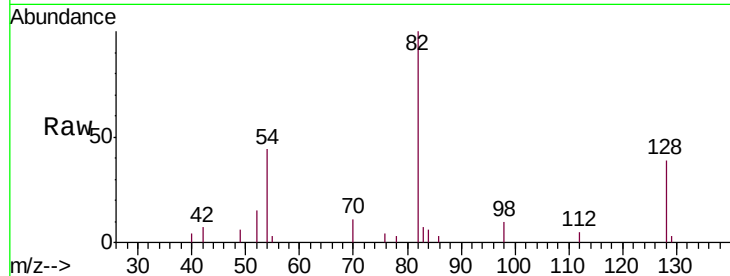




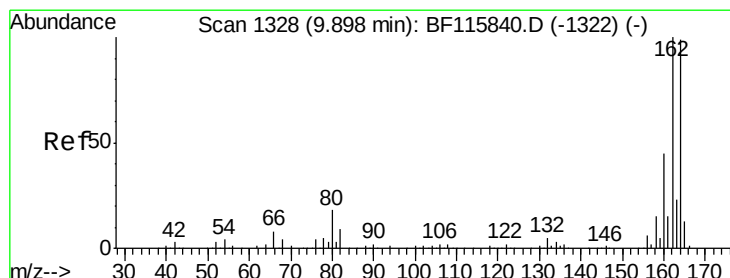
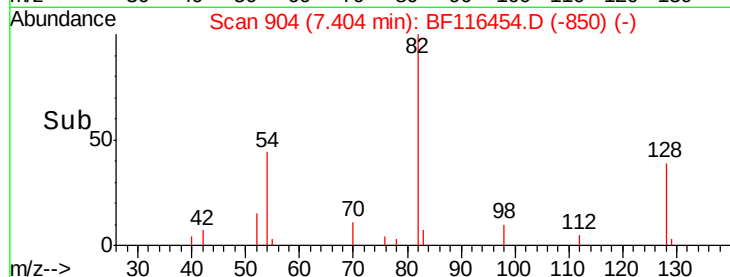
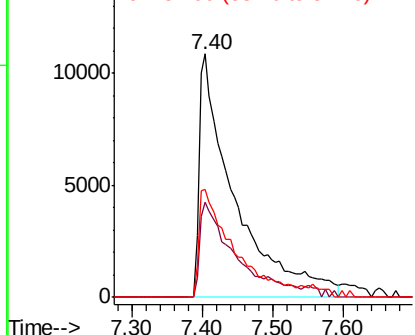
#23
 Nitrobenzene-d5
 Concen: 6.427 ng
 RT: 7.40 min Scan# 904
 Delta R.T. 0.02 min
 Lab File: BF116454.D
 Acq: 21 Aug 2019 2:15

Instrument :
 BNA_F
 ClientSampleId :
 PX-01-081319

Tot Ion	82	Resp	37978
Ion Ratio	Lower	Upper	
82	100		
128	39.1	36.5	54.7
54	44.3	36.0	54.0

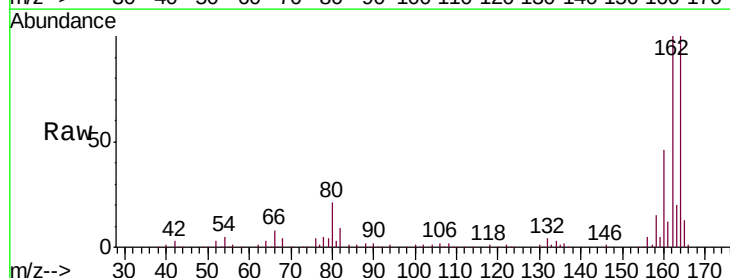


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

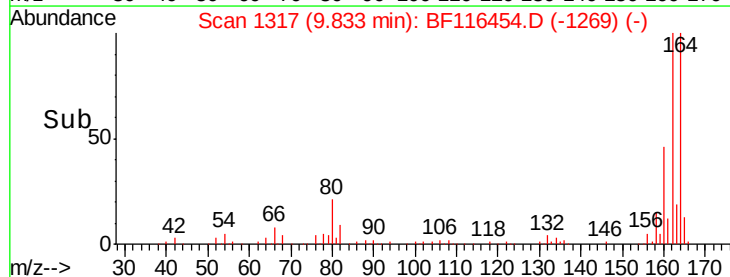
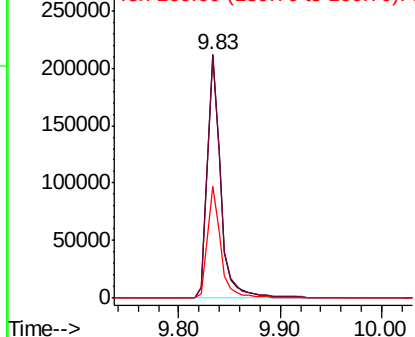


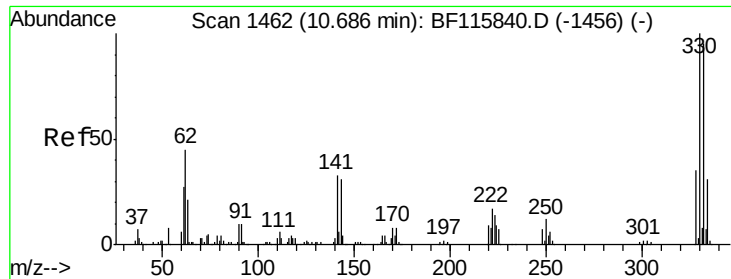
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.02 min
 Lab File: BF116454.D
 Acq: 21 Aug 2019 2:15

Tgt Ion	164	Resp	192449
Ion Ratio	Lower	Upper	
164	100		
162	99.8	82.6	124.0
160	46.0	37.6	56.4



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: 8.193 ng

RT: 10.65 min Scan# 1455

Delta R.T. 0.00 min

Lab File: BF116454.D

Acq: 21 Aug 2019 2:15

Instrument :

BNA_F

ClientSampleId :

PX-01-081319

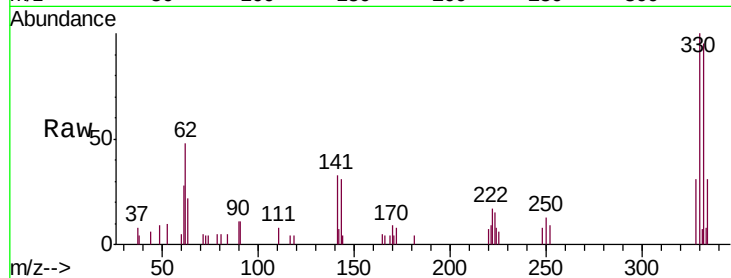
Tot Ion:330 Resp: 15286

Ion Ratio Lower Upper

330 100

332 96.3 76.8 115.2

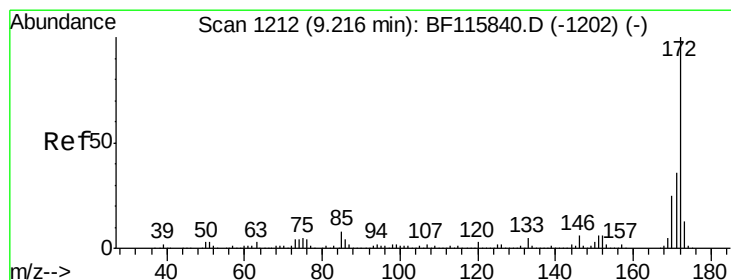
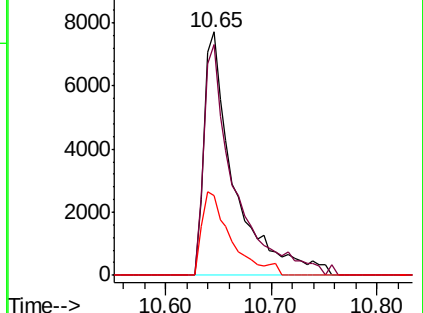
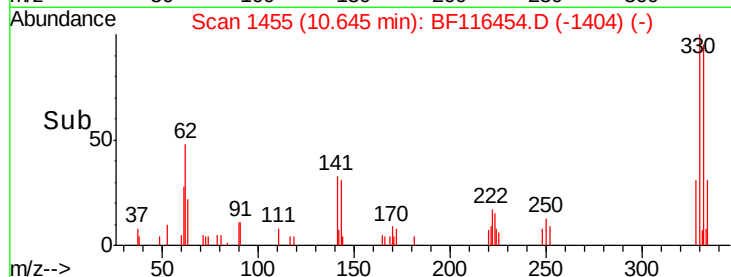
141 33.1 26.3 39.5



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: 7.592 ng

RT: 9.16 min Scan# 1202

Delta R.T. -0.01 min

Lab File: BF116454.D

Acq: 21 Aug 2019 2:15

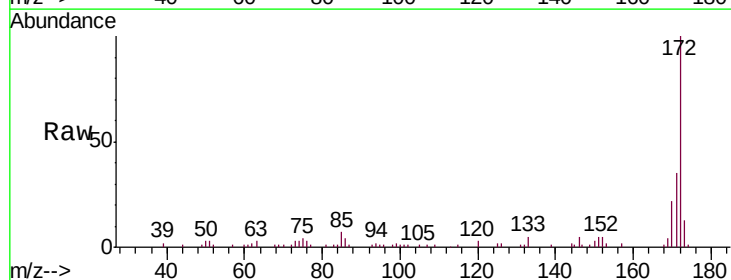
Tgt Ion:172 Resp: 78004

Ion Ratio Lower Upper

172 100

171 34.5 29.6 44.4

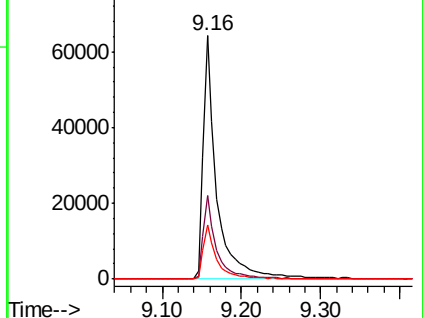
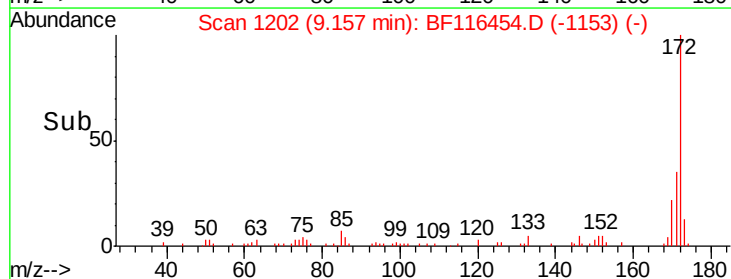
170 22.4 20.1 30.1

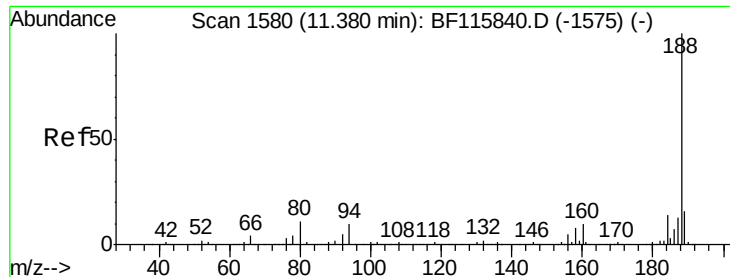


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

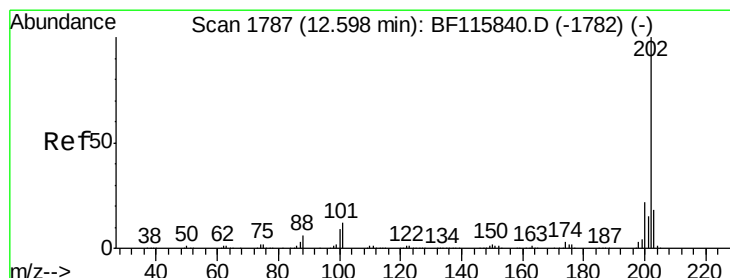
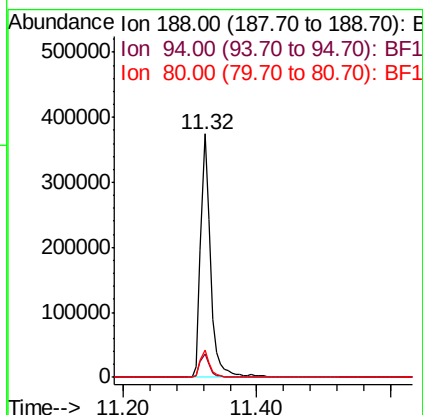
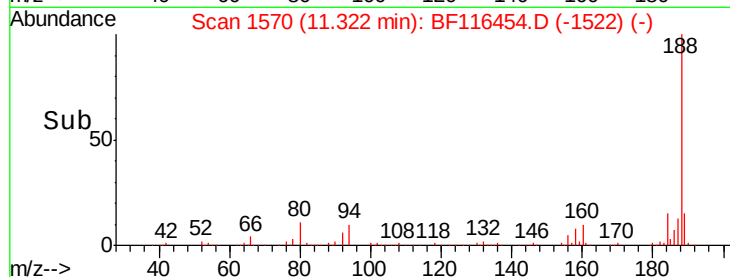
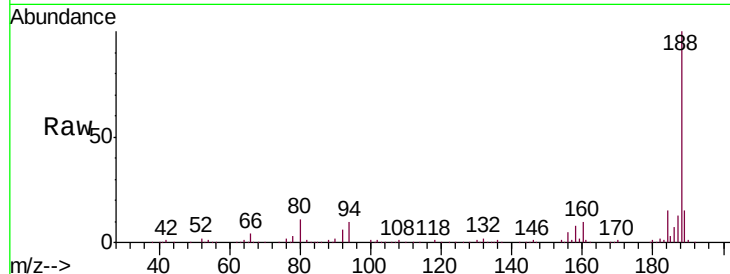




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.02 min
Lab File: BF116454.D
Acq: 21 Aug 2019 2:15

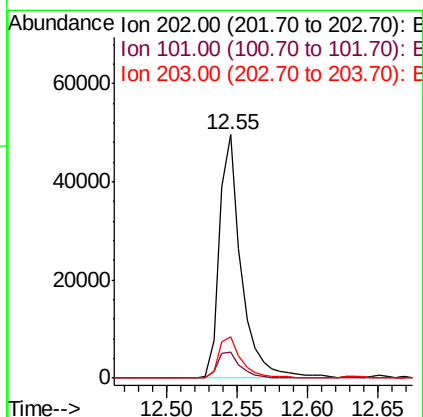
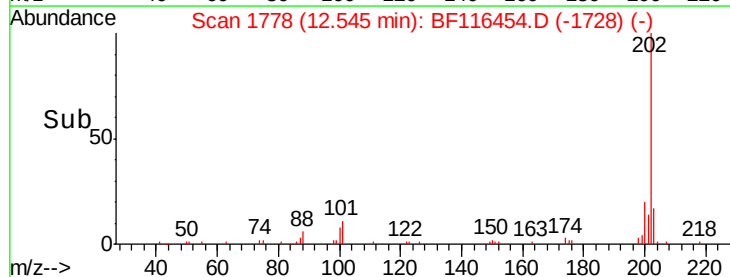
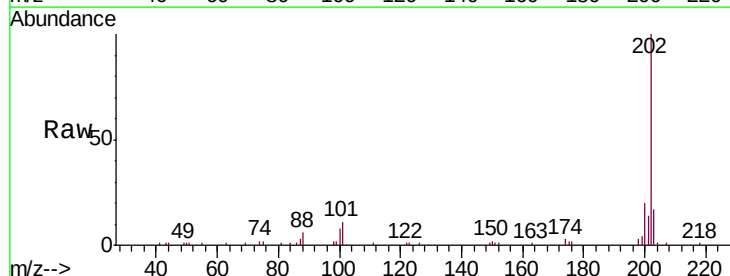
Instrument :
BNA_F
ClientSampleId :
PX-01-081319

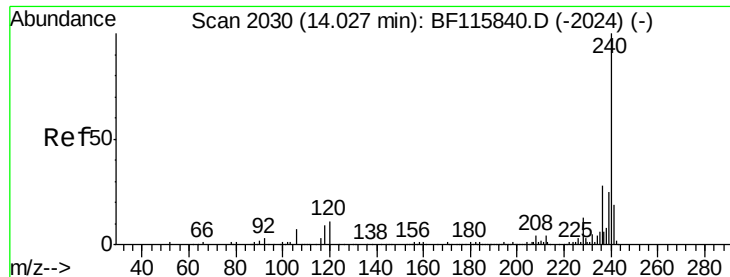
Tot Ion:188	Resp:	367789
Ion	Ratio	Lower Upper
188	100	
94	9.9	8.1 12.1
80	11.0	8.7 13.1



#75
Fluoranthene
Concen: 2.722 ng
RT: 12.55 min Scan# 1778
Delta R.T. -0.01 min
Lab File: BF116454.D
Acq: 21 Aug 2019 2:15

Tgt Ion:202	Resp:	53575
Ion	Ratio	Lower Upper
202	100	
101	10.7	0.0 31.2
203	16.8	0.0 37.8

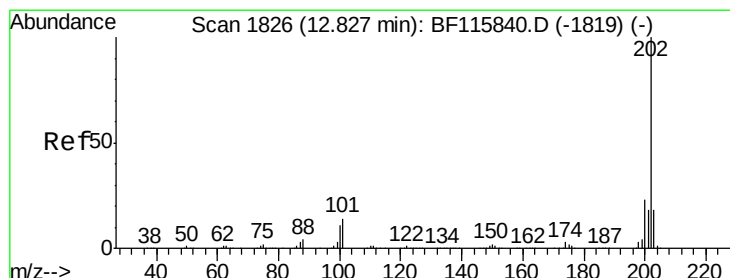
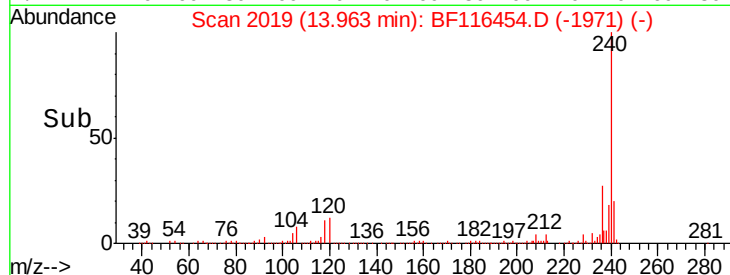
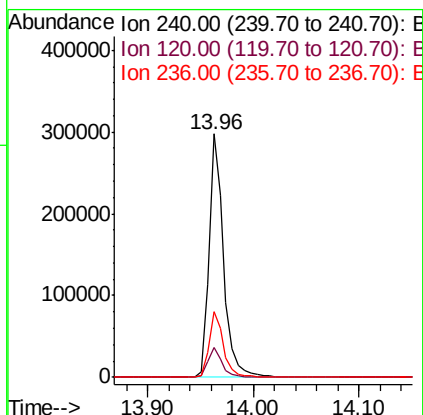
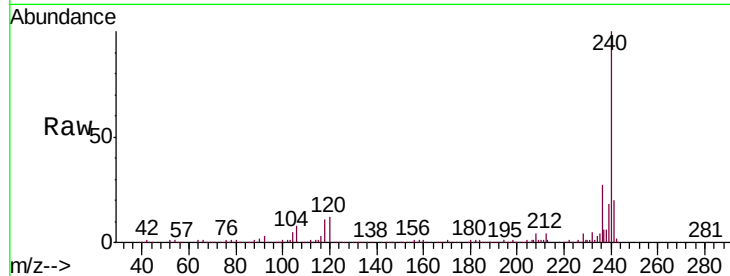




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.02 min
Lab File: BF116454.D
Acq: 21 Aug 2019 2:15

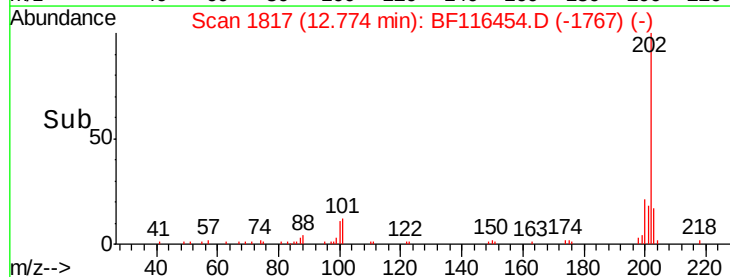
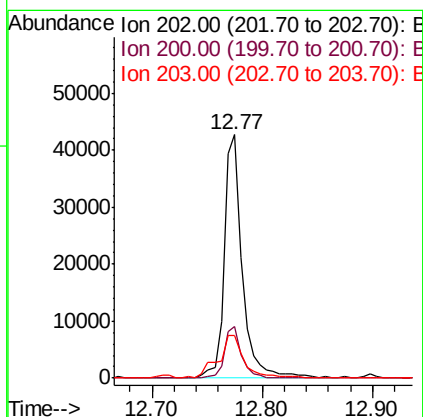
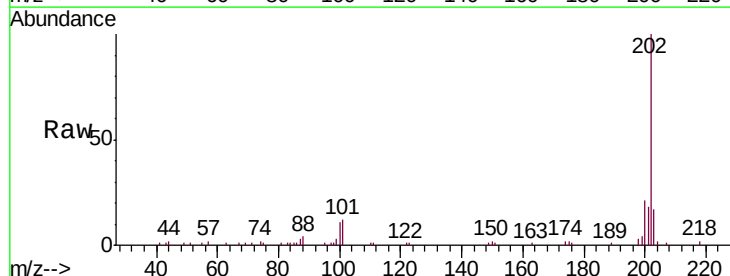
Instrument :
BNA_F
ClientSampleId :
PX-01-081319

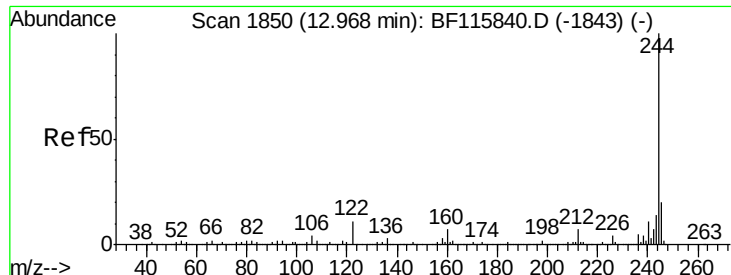
Tot Ion	Ratio	Lower	Upper
240	100		
120	12.3	10.7	16.1
236	26.9	22.2	33.2



#78
Pyrene
Concen: 2.280 ng
RT: 12.77 min Scan# 1817
Delta R.T. -0.01 min
Lab File: BF116454.D
Acq: 21 Aug 2019 2:15

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.0	18.0	27.0
203	17.5	14.1	21.1





#79

Terphenyl-d14

Concen: 7.490 ng

RT: 12.90 min Scan# 1838

Delta R.T. -0.02 min

Lab File: BF116454.D

Acq: 21 Aug 2019 2:15

Instrument :

BNA_F

ClientSampleId :

PX-01-081319

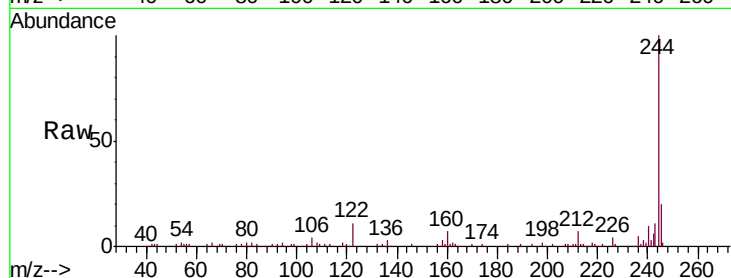
Tot Ion:244 Resp: 101246

Ion Ratio Lower Upper

244 100

212 6.7 5.8 8.8

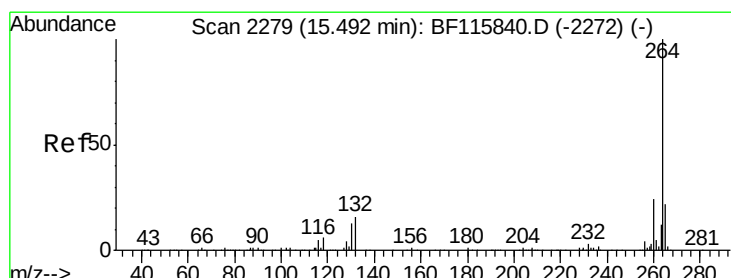
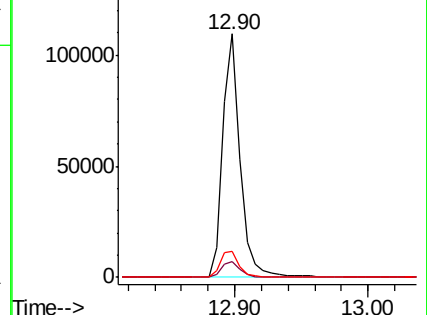
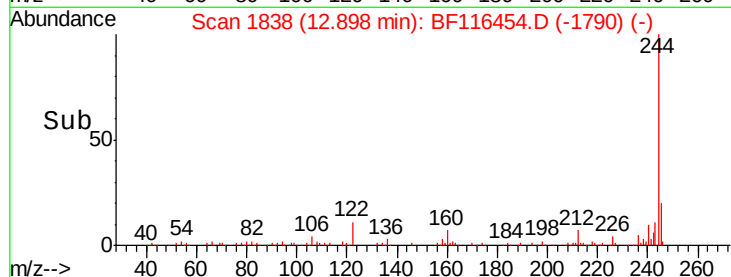
122 10.6 9.0 13.4



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: 15.42 min Scan# 2267

Delta R.T. -0.02 min

Lab File: BF116454.D

Acq: 21 Aug 2019 2:15

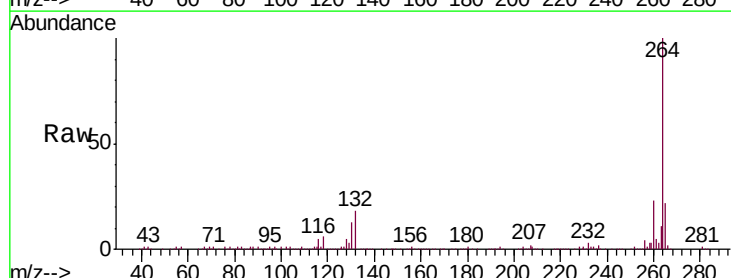
Tgt Ion:264 Resp: 276161

Ion Ratio Lower Upper

264 100

260 23.4 19.7 29.5

265 22.0 17.4 26.0



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

