

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082319\
 Data File : BF116511.D
 Acq On : 24 Aug 2019 9:36
 Operator : HP/JU
 Sample : K4461-10
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-05-COMP

Quant Time: Aug 26 03:27:33 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 23 13:38:31 2019
 Response via : Initial Calibration

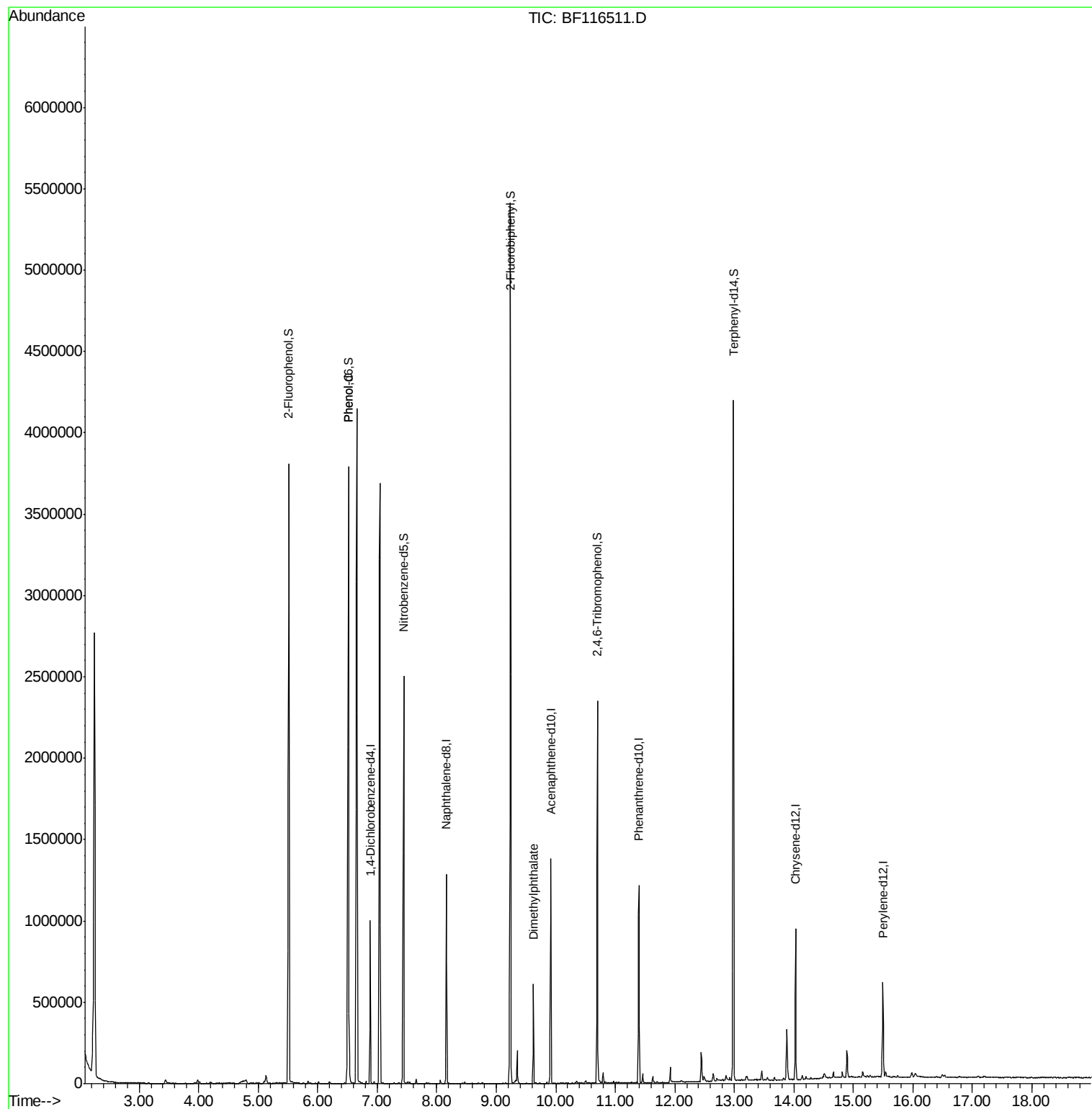
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	146730	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	532611	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	257162	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	411559	20.00	ng	0.00
76) Chrysene-d12	14.03	240	276244	20.00	ng	0.00
87) Perylene-d12	15.50	264	254784	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	1121662	111.70	ng	0.02
7) Phenol-d6	6.52	99	1511966	122.79	ng	0.01
23) Nitrobenzene-d5	7.45	82	944344	97.00	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	250013	113.22	ng	0.00
45) 2-Fluorobiphenyl	9.24	172	1651693	103.43	ng	0.00
79) Terphenyl-d14	12.99	244	1478696	99.99	ng	0.00
Target Compounds						
10) Phenol	6.52	94	56095	4.195	ng	Qvalue # 56
50) Dimethylphthalate	9.62	163	235118	13.104	ng	99

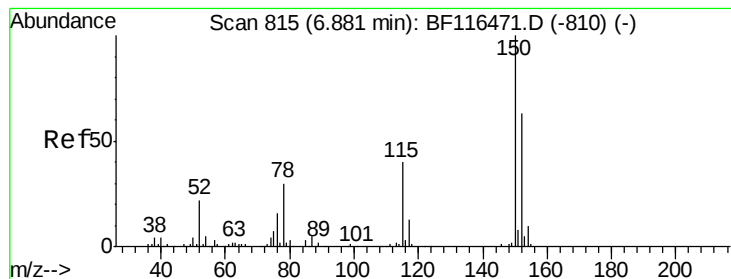
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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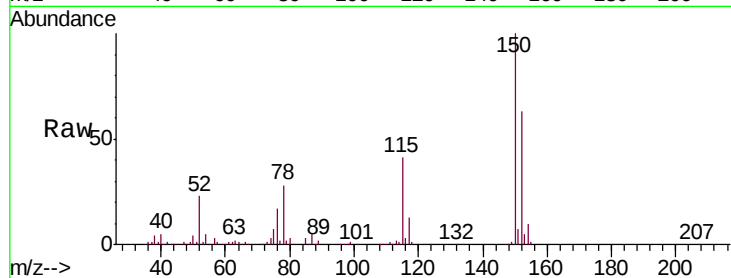


#1

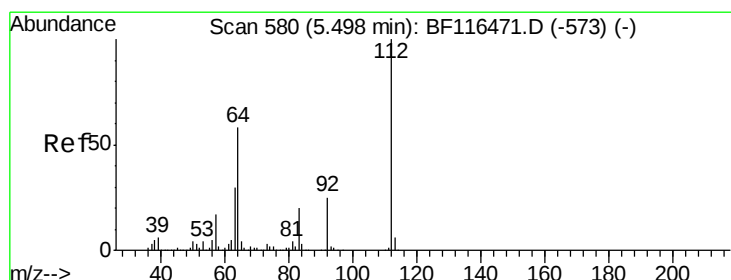
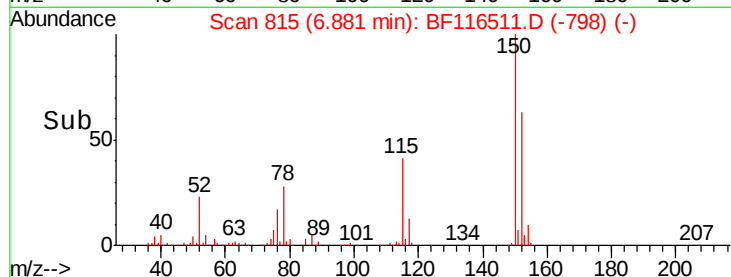
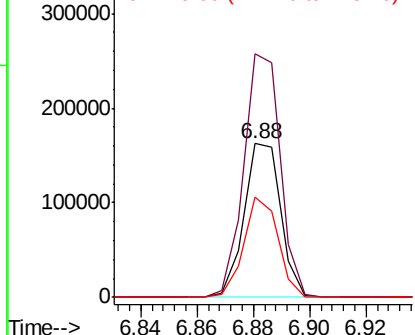
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.00 min
Lab File: BF116511.D
Acq: 24 Aug 2019 9:36

Instrument :
BNA_F
ClientSampleId :
SB-05-COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.2	126.7	190.1
115	65.3	50.9	76.3



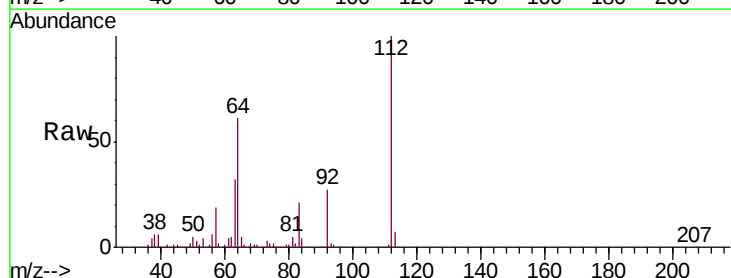
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



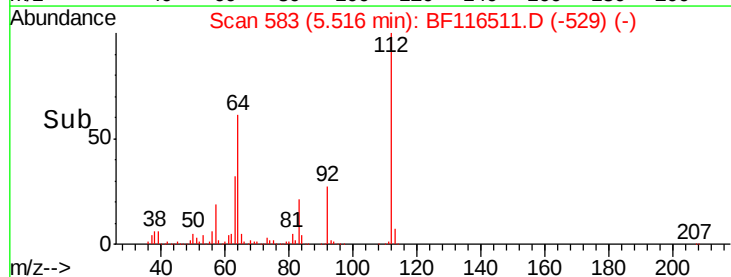
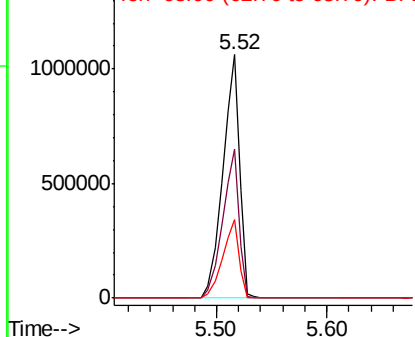
#5

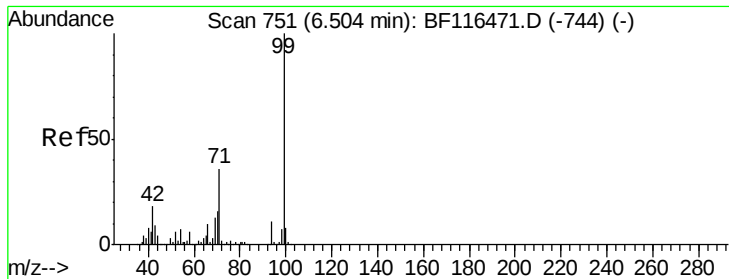
2-Fluorophenol
Concen: 111.696 ng
RT: 5.52 min Scan# 583
Delta R.T. 0.02 min
Lab File: BF116511.D
Acq: 24 Aug 2019 9:36

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.0	46.3	69.5
63	32.2	24.2	36.4



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: 122.793 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF116511.D

Acq: 24 Aug 2019 9:36

Instrument :

BNA_F

ClientSampleId :

SB-05-COMP

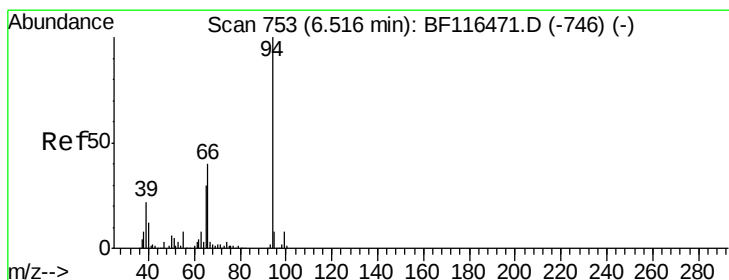
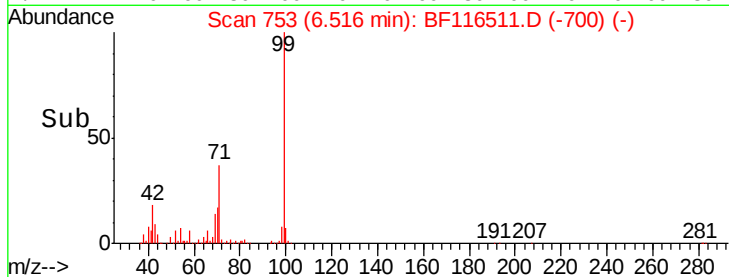
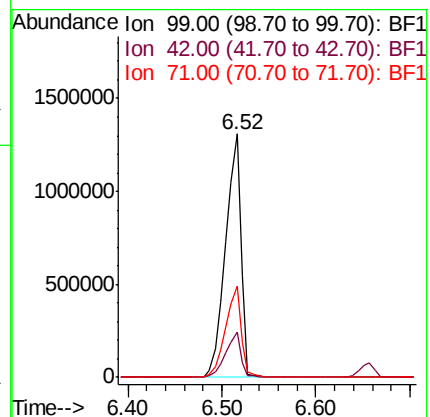
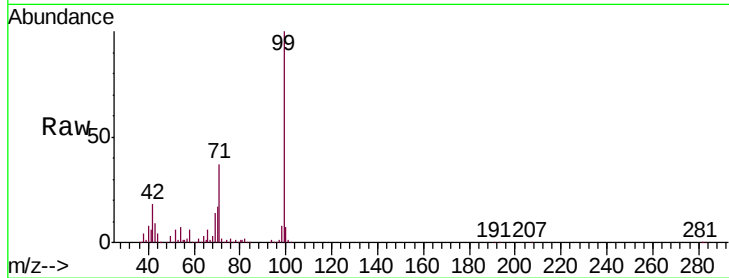
Tot Ion: 99 Resp: 1511966

Ion Ratio Lower Upper

99 100

42 18.4 14.6 21.8

71 37.3 28.5 42.7



#10

Phenol

Concen: 4.195 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.01 min

Lab File: BF116511.D

Acq: 24 Aug 2019 9:36

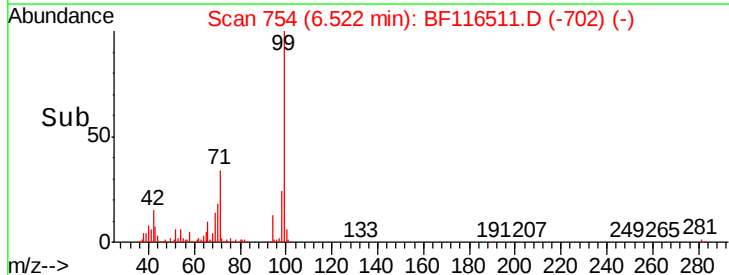
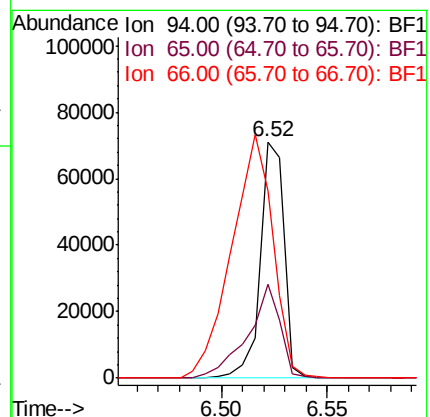
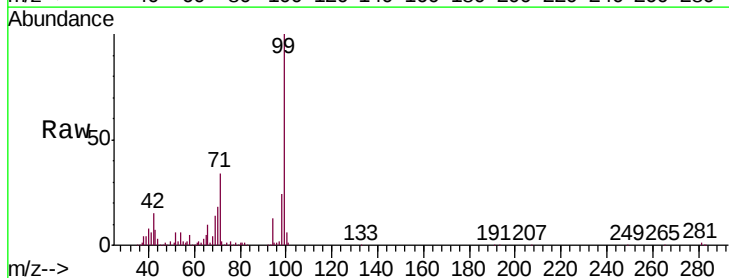
Tgt Ion: 94 Resp: 56095

Ion Ratio Lower Upper

94 100

65 39.7 10.0 50.0

66 79.4 19.8 59.8#

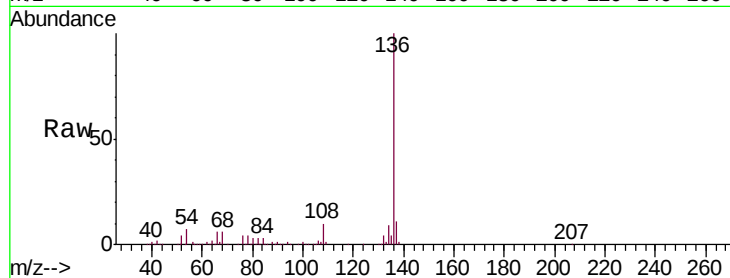




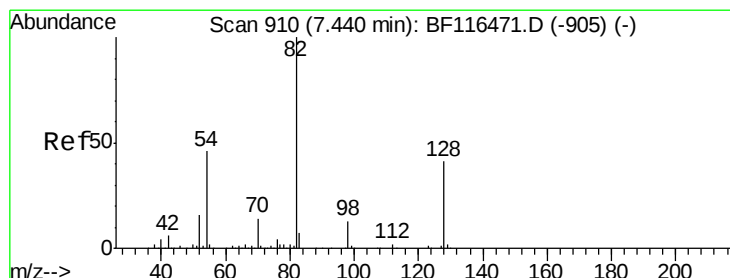
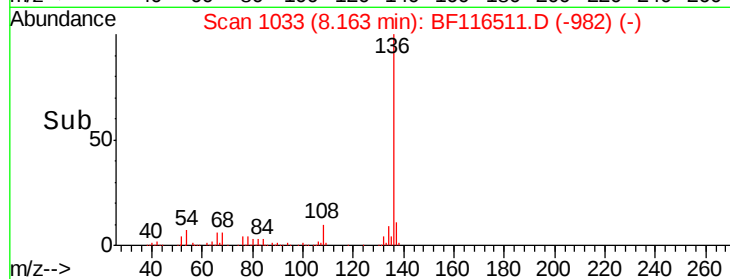
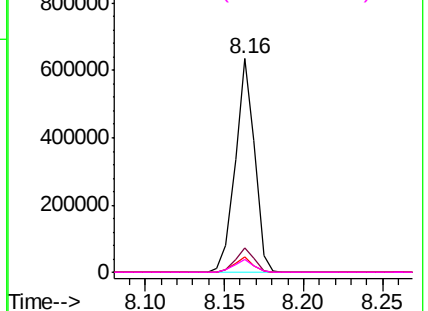
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BF116511.D
Acq: 24 Aug 2019 9:36

Instrument :
BNA_F
ClientSampleId :
SB-05-COMP

Tot Ion:136	Resp:	532611	
Ion Ratio	Lower	Upper	
136 100			
137 11.2	9.0	13.4	
54 7.2	5.8	8.6	
68 6.2	5.1	7.7	

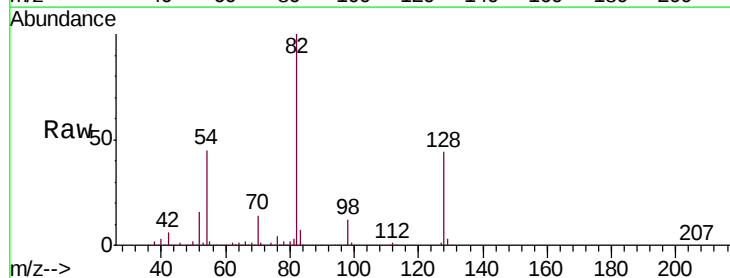


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

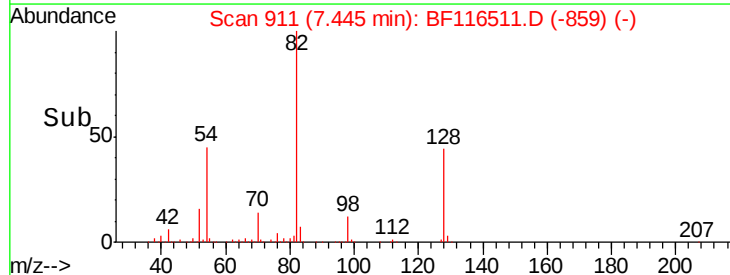
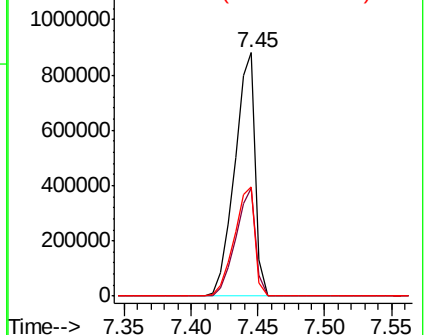


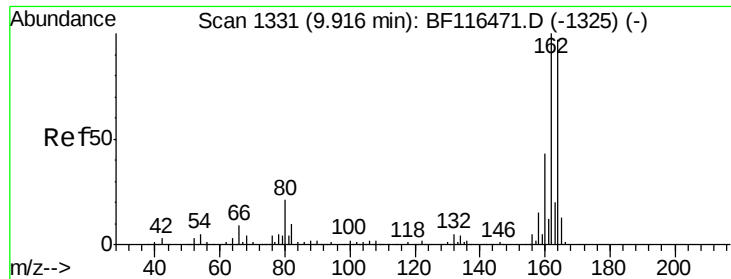
#23
Nitrobenzene-d5
Concen: 97.003 ng
RT: 7.45 min Scan# 911
Delta R.T. 0.01 min
Lab File: BF116511.D
Acq: 24 Aug 2019 9:36

Tgt Ion: 82	Resp: 944344
Ion Ratio	Lower Upper
82 100	
128 44.3	32.2 48.4
54 45.0	36.5 54.7



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

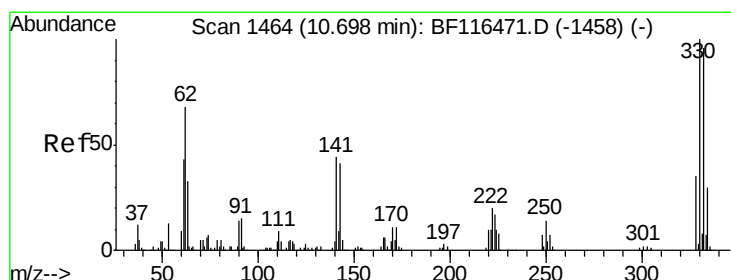
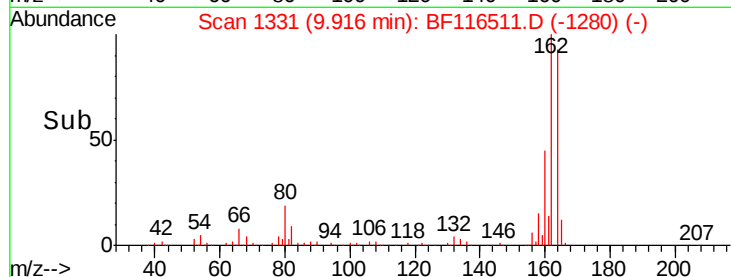
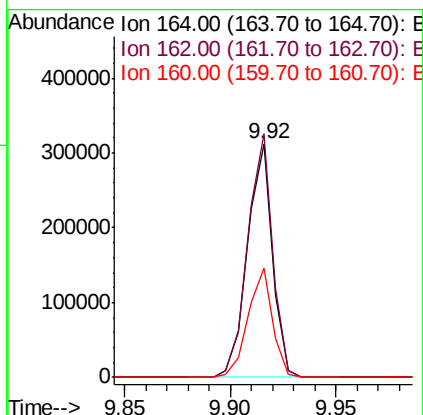
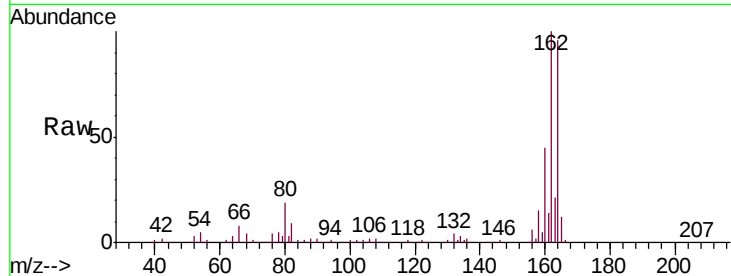




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.00 min
 Lab File: BF116511.D
 Acq: 24 Aug 2019 9:36

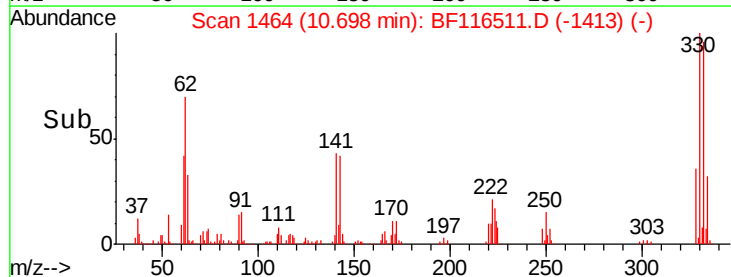
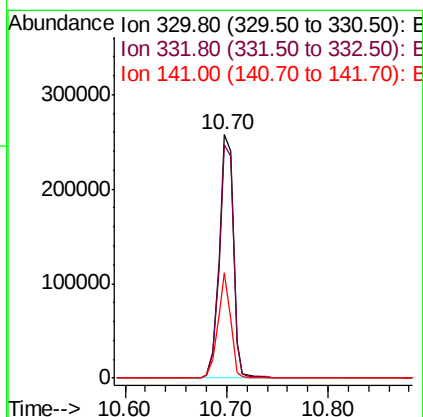
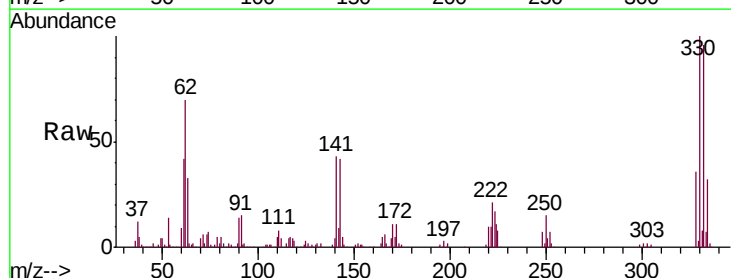
Instrument :
 BNA_F
 ClientSampleId :
 SB-05-COMP

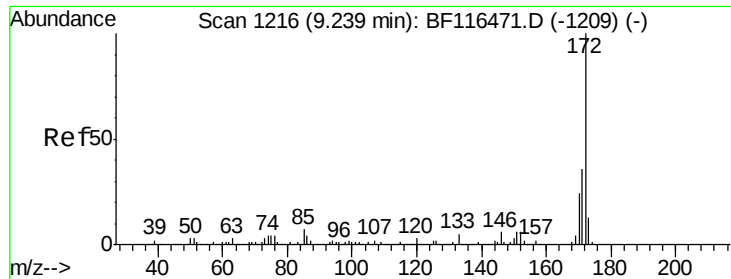
Tot Ion:164 Resp: 257162
 Ion Ratio Lower Upper
 164 100
 162 104.1 82.6 123.8
 160 46.7 35.8 53.8



#42
 2,4,6-Tribromophenol
 Concen: 113.221 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.00 min
 Lab File: BF116511.D
 Acq: 24 Aug 2019 9:36

Tgt Ion:330 Resp: 250013
 Ion Ratio Lower Upper
 330 100
 332 96.0 77.2 115.8
 141 38.9 33.3 49.9

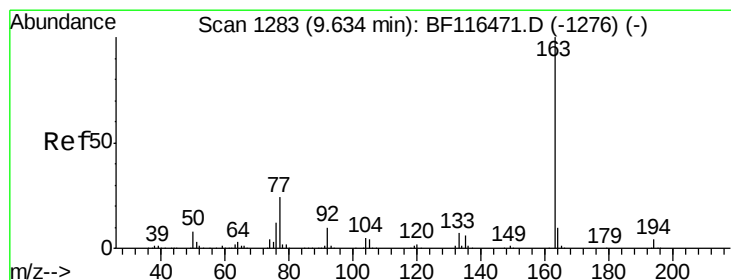
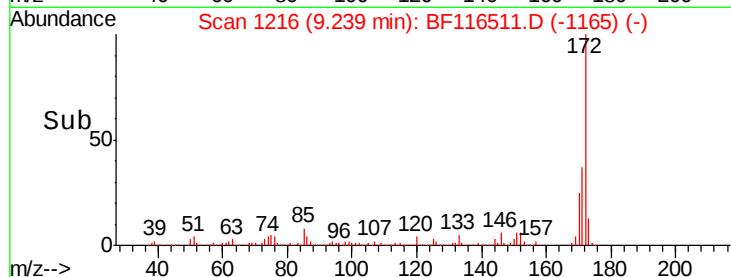
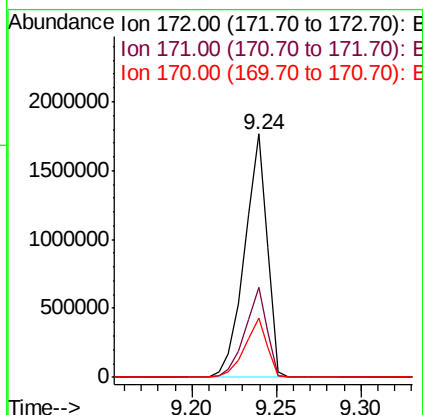
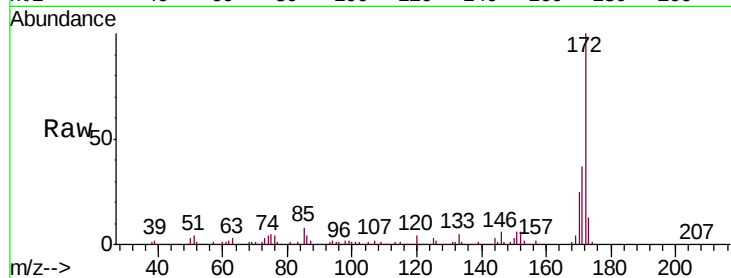




#45
2-Fluorobiphenyl
Concen: 103.433 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.00 min
Lab File: BF116511.D
Acq: 24 Aug 2019 9:36

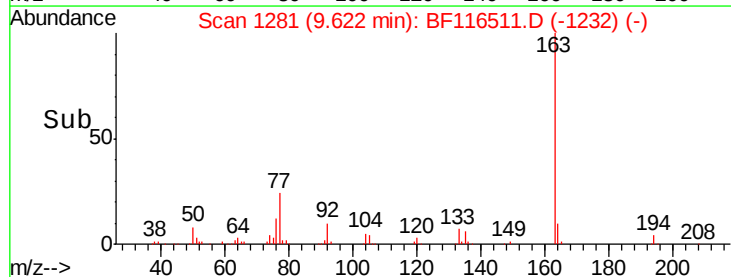
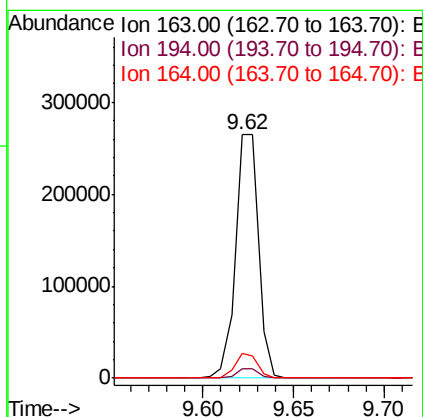
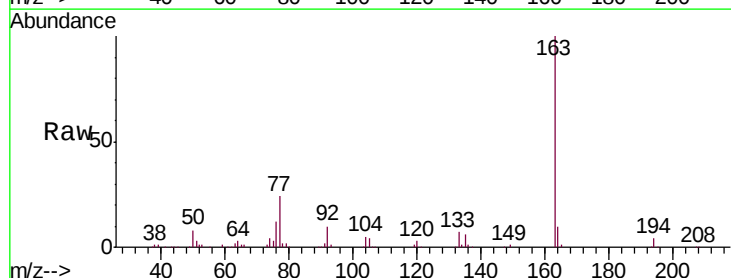
Instrument :
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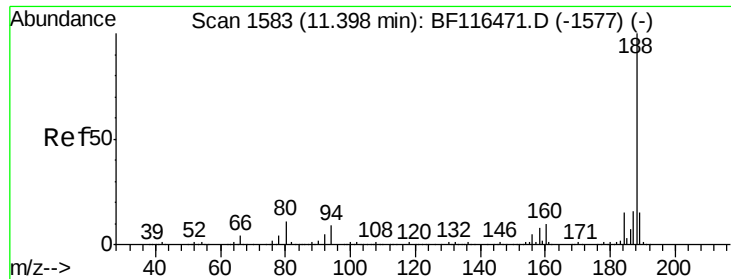
Tot Ion:172 Resp: 1651693
Ion Ratio Lower Upper
172 100
171 36.7 28.9 43.3
170 24.6 19.4 29.0



#50
Dimethylphthalate
Concen: 13.104 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF116511.D
Acq: 24 Aug 2019 9:36

Tgt Ion:163 Resp: 235118
Ion Ratio Lower Upper
163 100
194 3.8 2.9 4.3
164 9.9 8.2 12.2

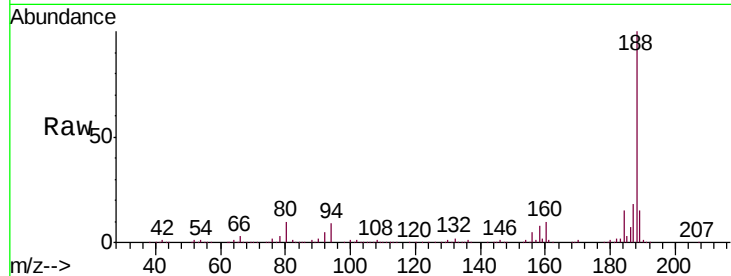




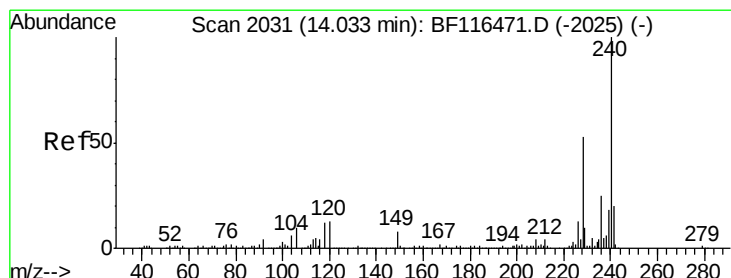
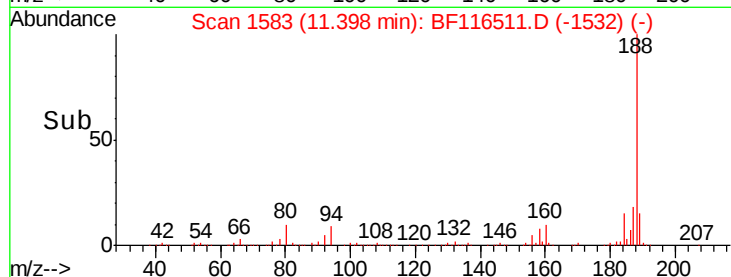
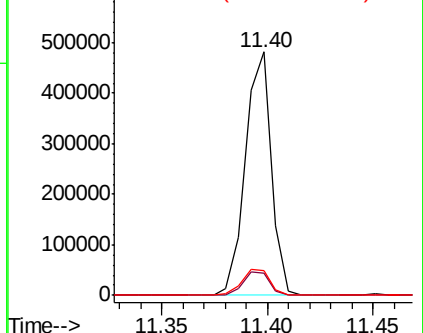
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.00 min
Lab File: BF116511.D
Acq: 24 Aug 2019 9:36

Instrument :
BNA_F
ClientSampleId :
SB-05-COMP

Tot Ion:188 Resp: 411559
Ion Ratio Lower Upper
188 100
94 9.0 7.4 11.2
80 10.0 8.6 12.8

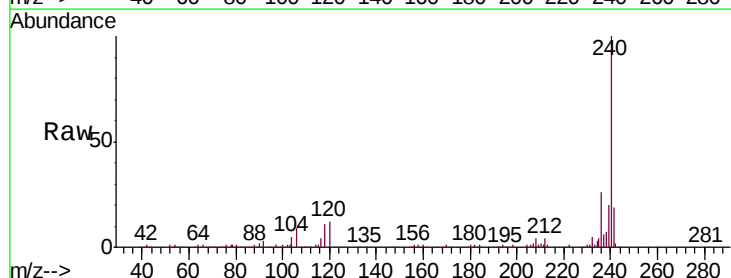


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

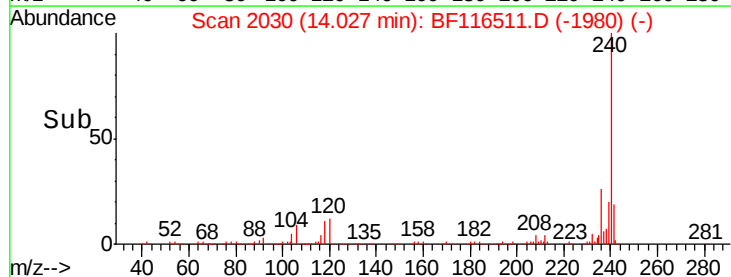
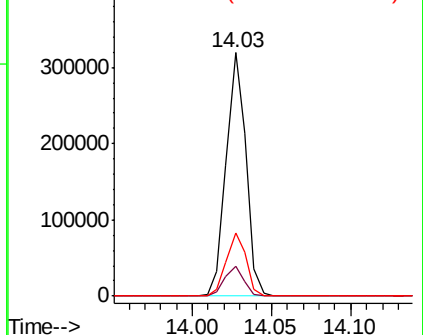


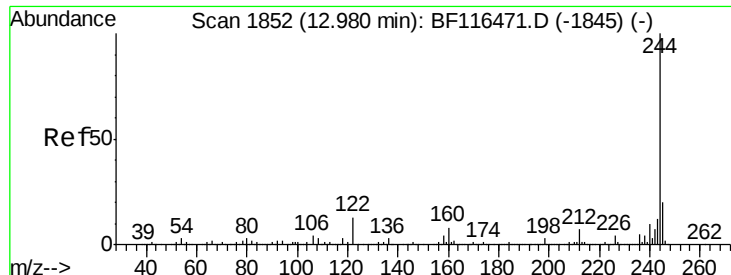
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF116511.D
Acq: 24 Aug 2019 9:36

Tgt Ion:240 Resp: 276244
Ion Ratio Lower Upper
240 100
120 12.4 10.5 15.7
236 25.7 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: 99.986 ng

RT: 12.99 min Scan# 1853

Delta R.T. 0.01 min

Lab File: BF116511.D

Acq: 24 Aug 2019 9:36

Instrument :

BNA_F

ClientSampleId :

SB-05-COMP

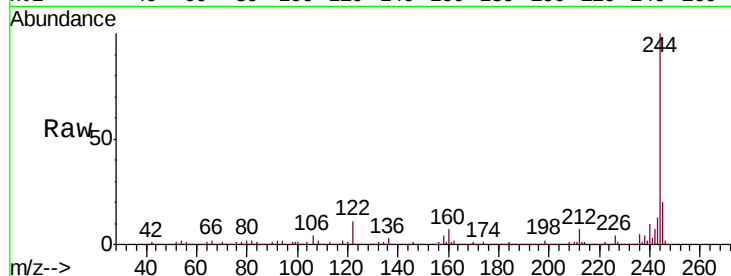
Tot Ion:244 Resp: 1478696

Ion Ratio Lower Upper

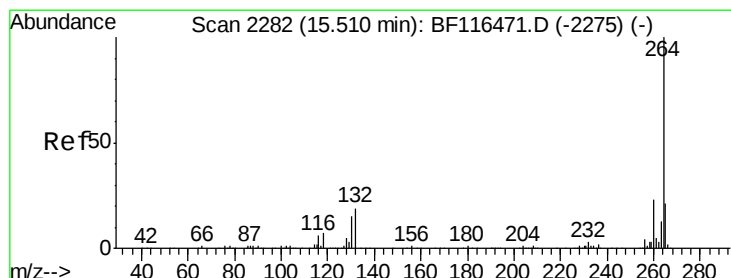
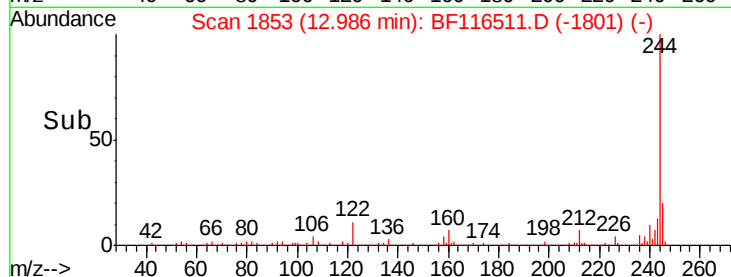
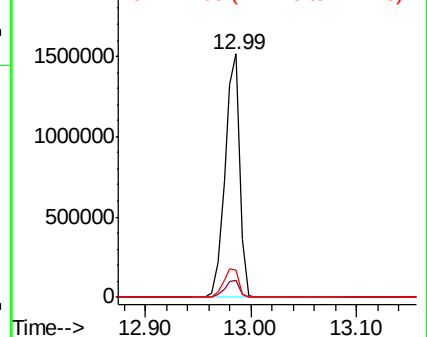
244 100

212 7.0 5.7 8.5

122 11.1 10.2 15.4



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: 15.50 min Scan# 2280

Delta R.T. -0.01 min

Lab File: BF116511.D

Acq: 24 Aug 2019 9:36

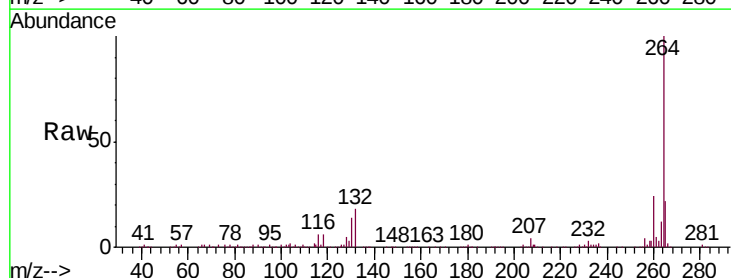
Tgt Ion:264 Resp: 254784

Ion Ratio Lower Upper

264 100

260 23.9 18.8 28.2

265 21.7 17.1 25.7



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

