

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121118\
 Data File : BF111273.D
 Acq On : 11 Dec 2018 12:41
 Operator : JU/SJ
 Sample : J6302-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 K-120718-RO

Quant Time: Dec 11 13:38:12 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 10 01:15:27 2018
 Response via : Initial Calibration

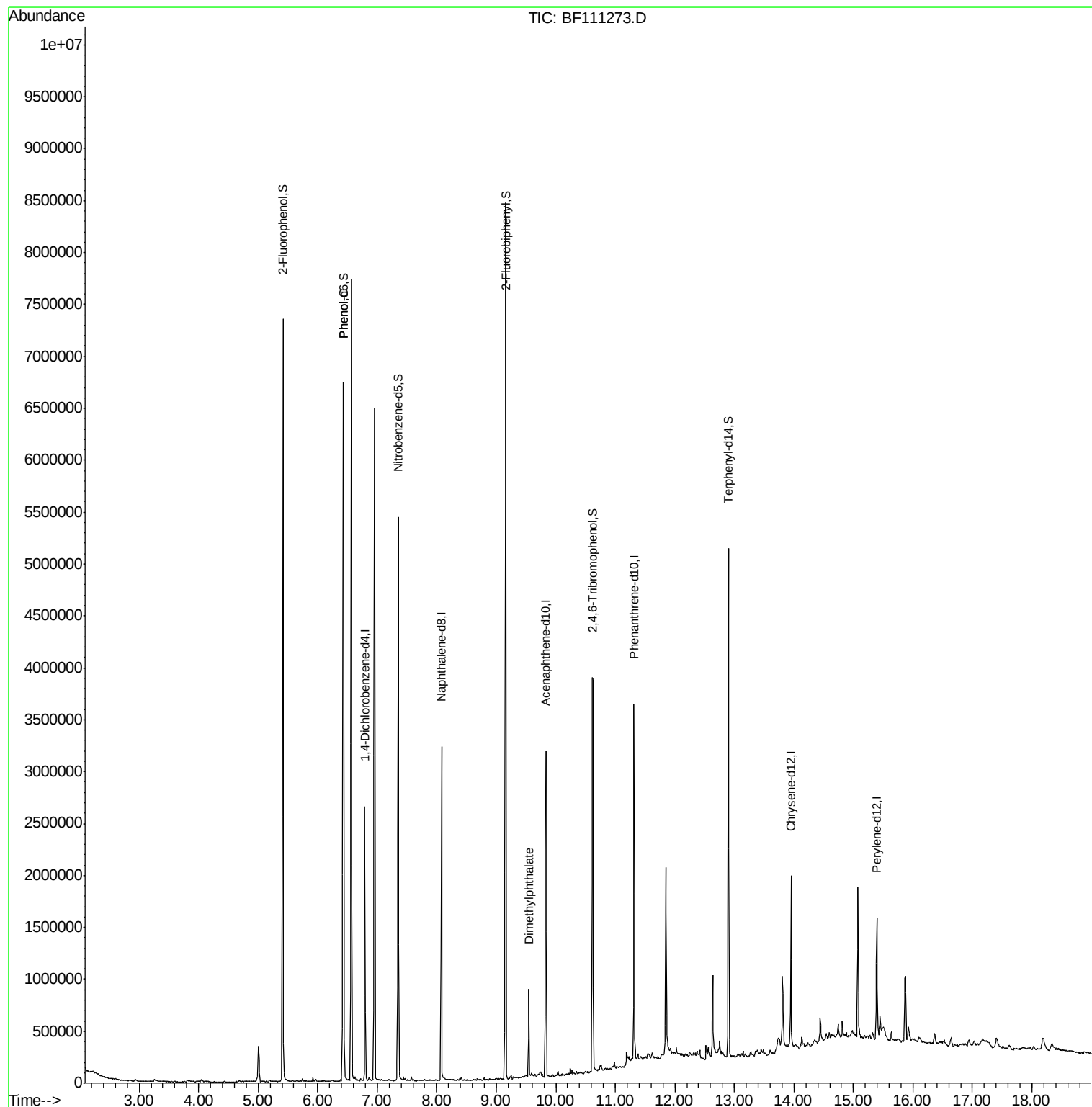
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	401991	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	1528145	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	577453	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	1110326	20.00	ng	0.00
76) Chrysene-d12	13.95	240	499355	20.00	ng	0.00
87) Perylene-d12	15.39	264	516433	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	2020316	79.36	ng	0.00
7) Phenol-d6	6.43	99	2601156	82.22	ng	0.00
23) Nitrobenzene-d5	7.36	82	1697585	62.31	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	431982	84.45	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	2509116	72.10	ng	0.00
79) Terphenyl-d14	12.90	244	1528907	73.44	ng	0.00
Target Compounds						
10) Phenol	6.44	94	147969	4.000	ng	97
50) Dimethylphthalate	9.55	163	278873	6.545	ng	98

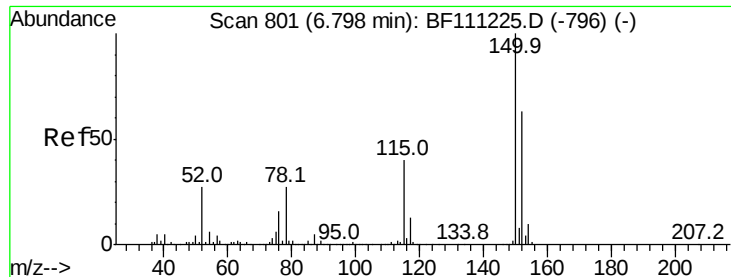
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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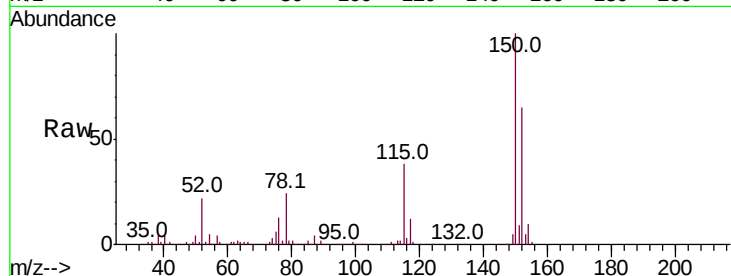


#1

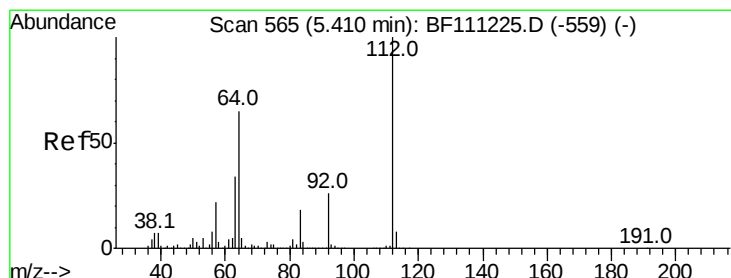
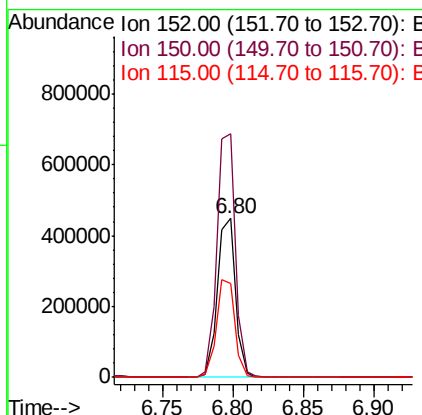
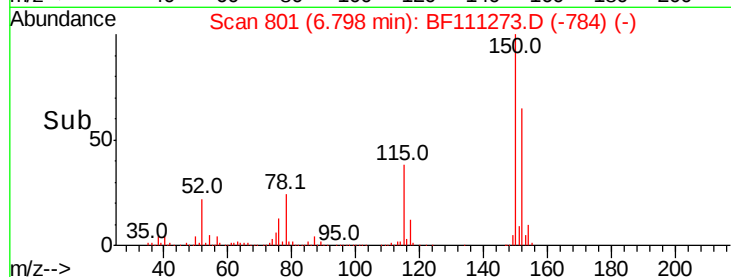
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.00 min
Lab File: BF111273.D
Acq: 11 Dec 2018 12:41

Instrument :
BNA_F
ClientSampleId :
K-120718-RO

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.5	126.6	189.8
115	58.8	50.7	76.1



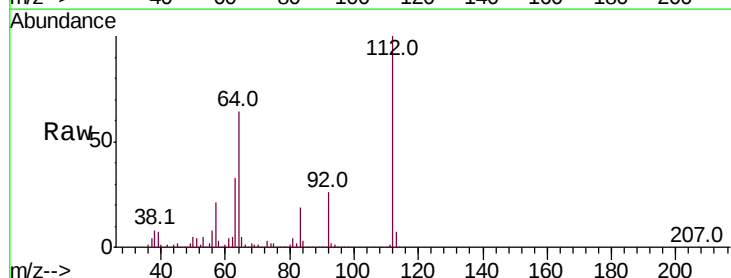
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



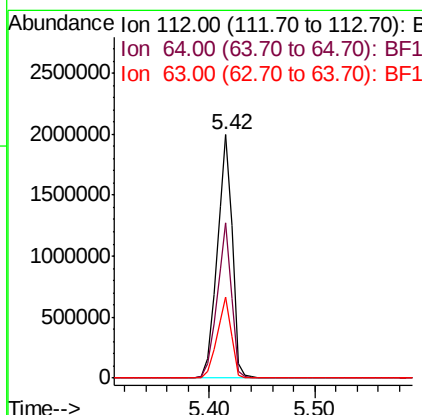
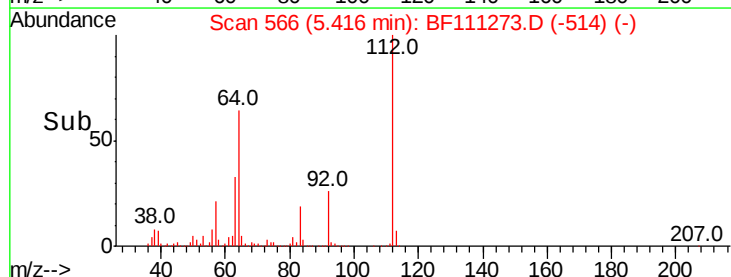
#5

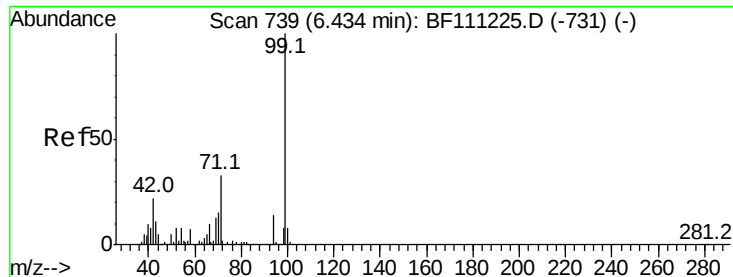
2-Fluorophenol
Concen: 79.360 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.01 min
Lab File: BF111273.D
Acq: 11 Dec 2018 12:41

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.6	51.8	77.6
63	33.3	26.8	40.2



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: 82.218 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF111273.D

Acq: 11 Dec 2018 12:41

Instrument :

BNA_F

ClientSampleId :

K-120718-RO

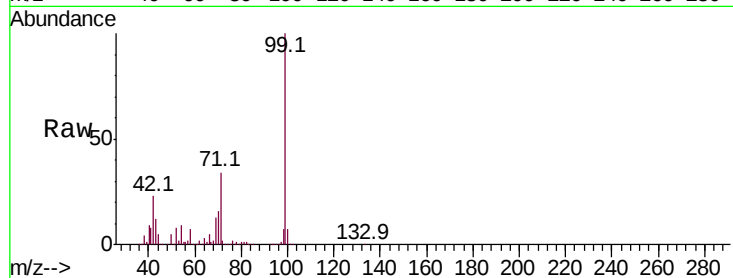
Tot Ion: 99 Resp: 2601156

Ion Ratio Lower Upper

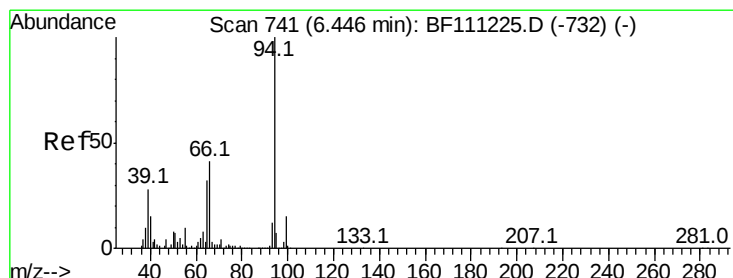
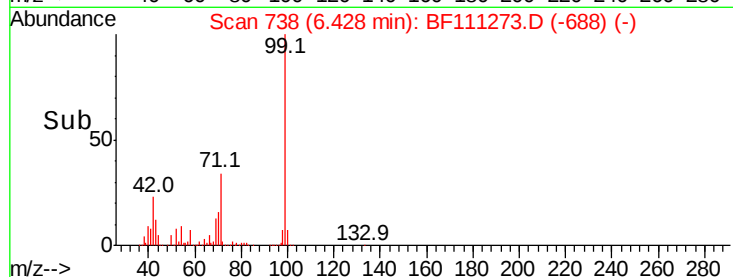
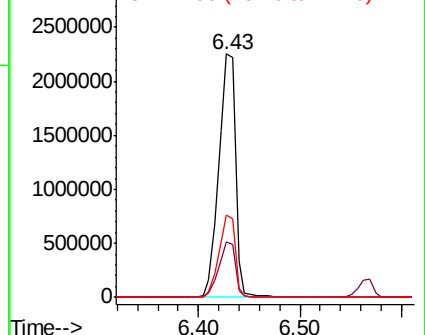
99 100

42 22.7 17.4 26.0

71 33.7 26.1 39.1



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



#10

Phenol

Concen: 4.000 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF111273.D

Acq: 11 Dec 2018 12:41

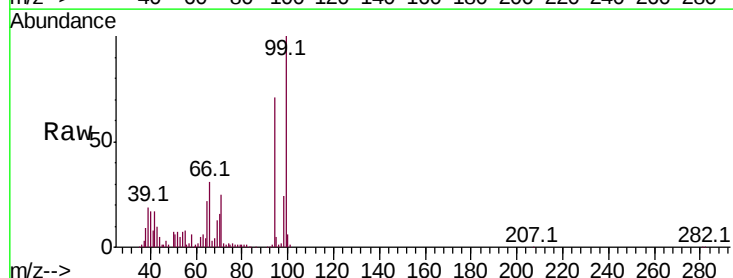
Tgt Ion: 94 Resp: 147969

Ion Ratio Lower Upper

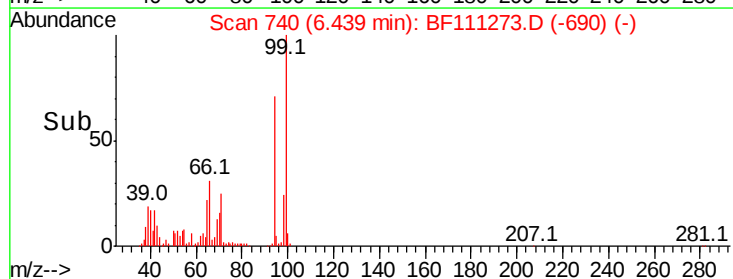
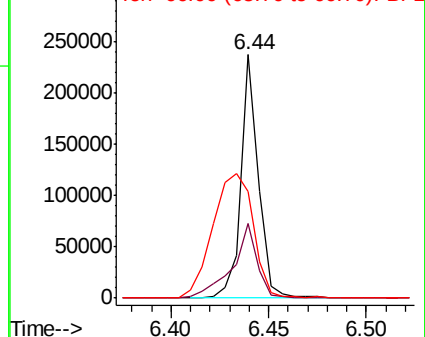
94 100

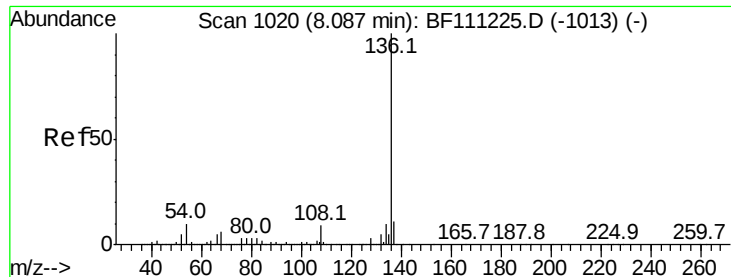
65 30.5 11.7 51.7

66 43.6 21.0 61.0



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

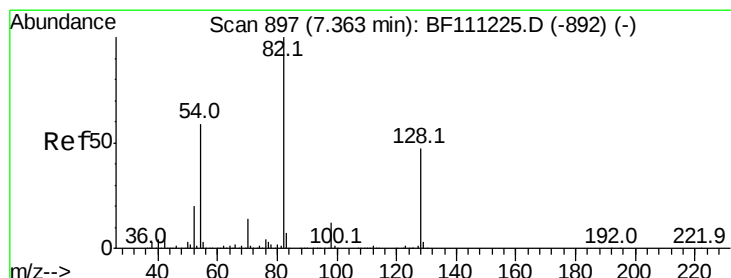
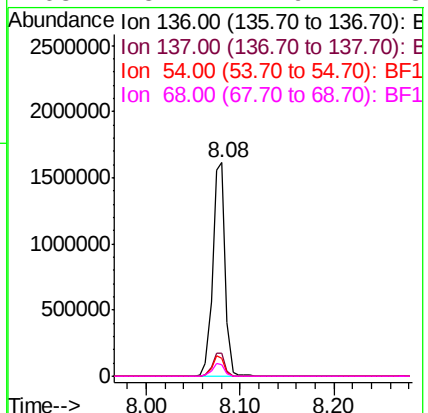
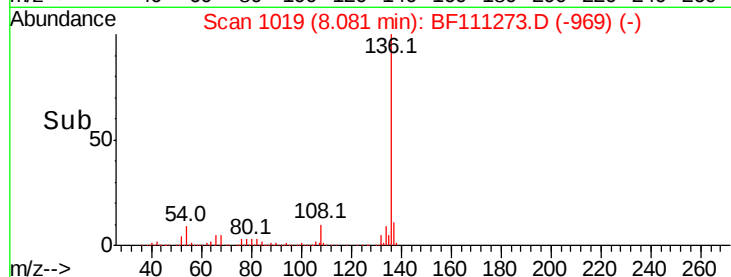
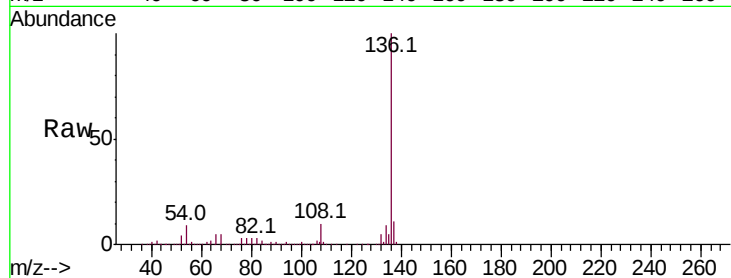




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF111273.D
Acq: 11 Dec 2018 12:41

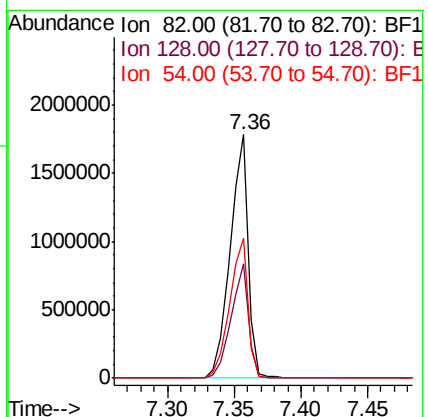
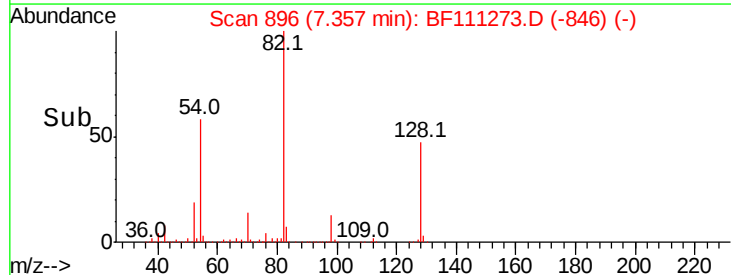
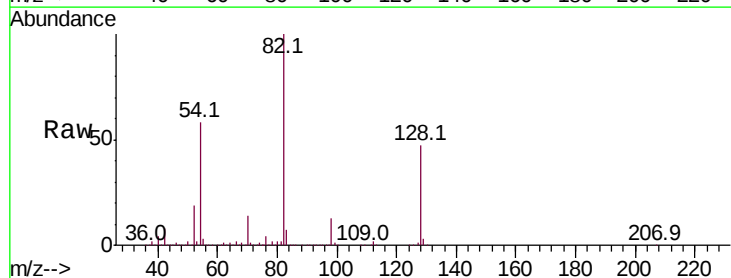
Instrument :
BNA_F
ClientSampleId :
K-120718-RO

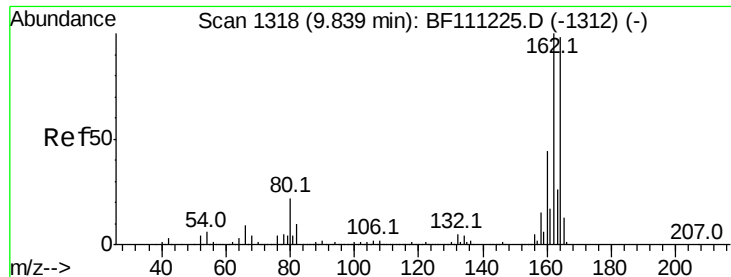
Tot Ion:	136	Resp:	1528145
Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.1	13.7
54	8.6	7.7	11.5
68	5.4	4.9	7.3



#23
Nitrobenzene-d5
Concen: 62.308 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF111273.D
Acq: 11 Dec 2018 12:41

Tgt Ion:	82	Resp:	1697585
Ion	Ratio	Lower	Upper
82	100		
128	47.0	37.4	56.2
54	57.7	47.6	71.4



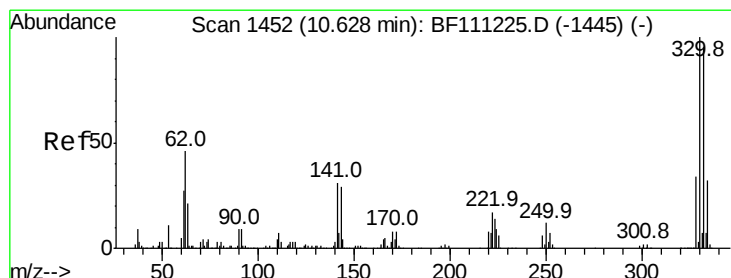
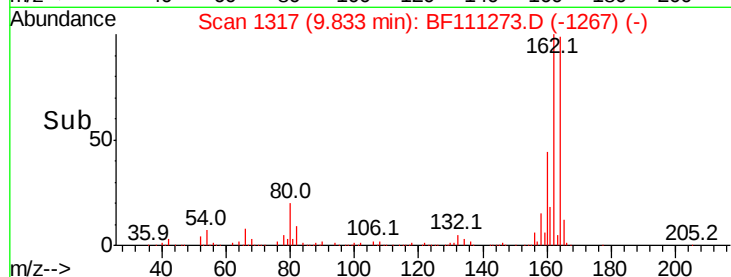
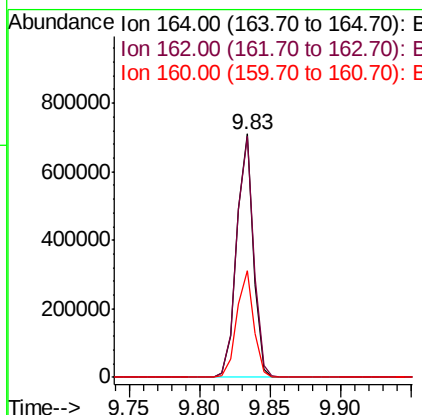
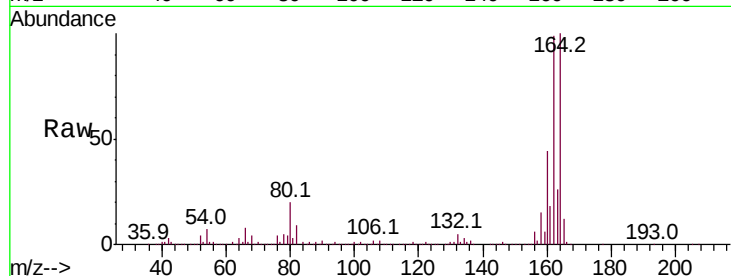


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.01 min
 Lab File: BF111273.D
 Acq: 11 Dec 2018 12:41

Instrument :
 BNA_F
 ClientSampleId :
 K-120718-RO

Tot Ion:164 Resp: 577453

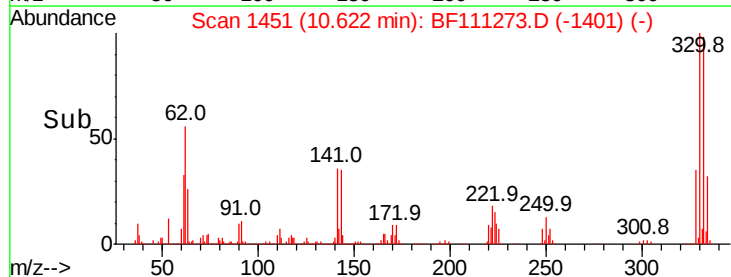
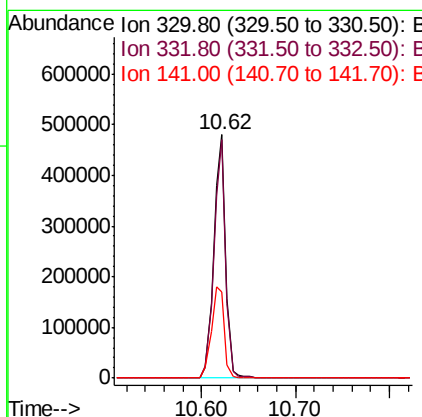
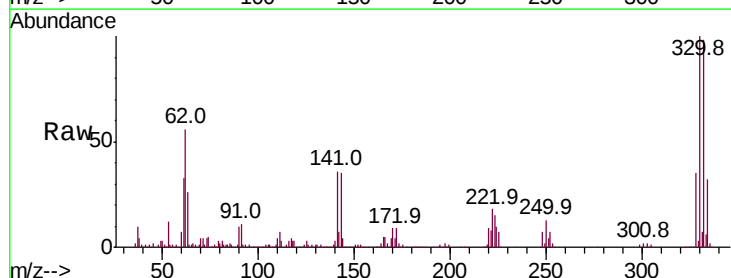
Ion	Ratio	Lower	Upper
164	100		
162	98.9	81.4	122.0
160	43.9	35.7	53.5

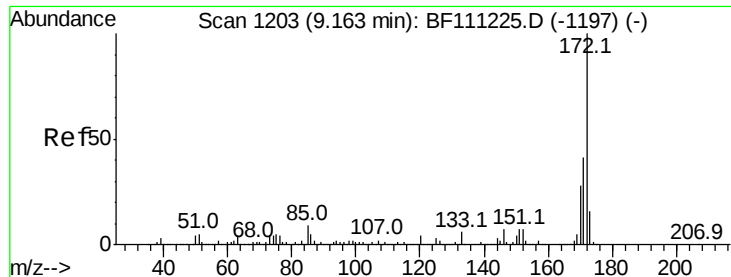


#42
 2,4,6-Tribromophenol
 Concen: 84.452 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.01 min
 Lab File: BF111273.D
 Acq: 11 Dec 2018 12:41

Tgt Ion:330 Resp: 431982

Ion	Ratio	Lower	Upper
330	100		
332	96.0	76.0	114.0
141	41.2	31.0	46.6



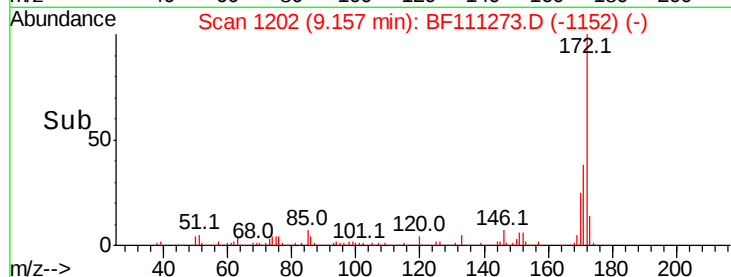
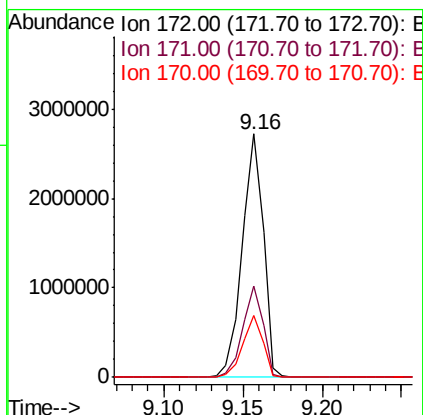
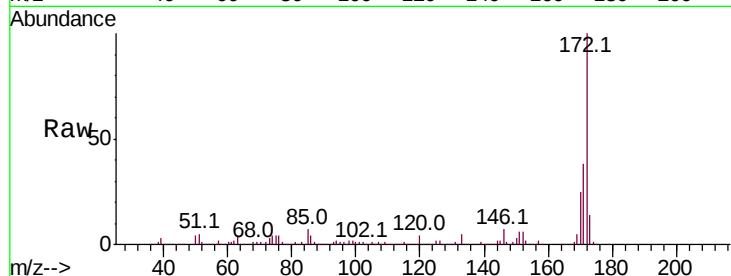


#45
 2-Fluorobiphenyl
 Concen: 72.102 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF111273.D
 Acq: 11 Dec 2018 12:41

Instrument :
 BNA_F
 ClientSampleId :
 K-120718-RO

Tot Ion:172 Resp: 2509116

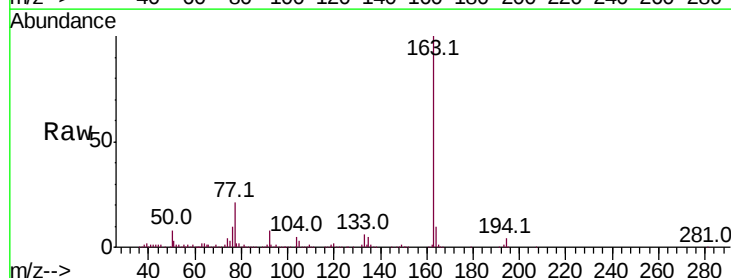
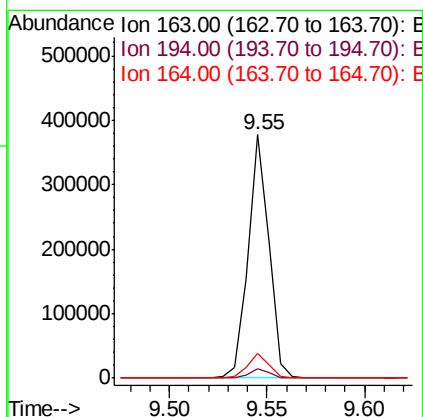
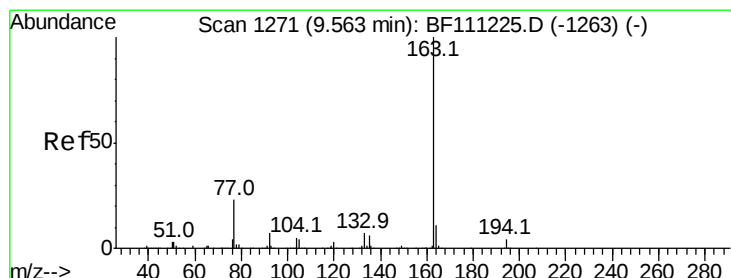
Ion	Ratio	Lower	Upper
172	100		
171	37.7	33.0	49.4
170	25.4	22.3	33.5

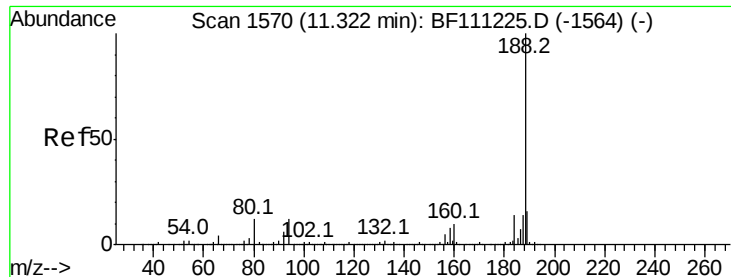


#50
 Dimethylphthalate
 Concen: 6.545 ng
 RT: 9.55 min Scan# 1268
 Delta R.T. -0.02 min
 Lab File: BF111273.D
 Acq: 11 Dec 2018 12:41

Tgt Ion:163 Resp: 278873

Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.0	4.6
164	10.4	8.9	13.3

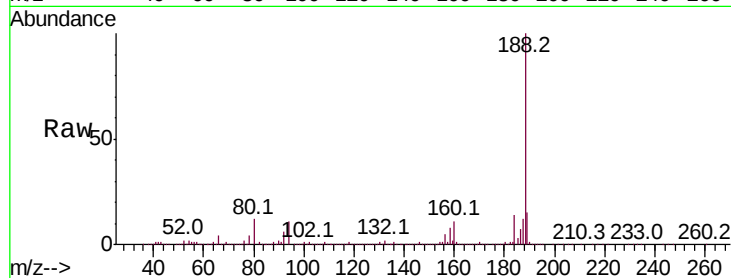




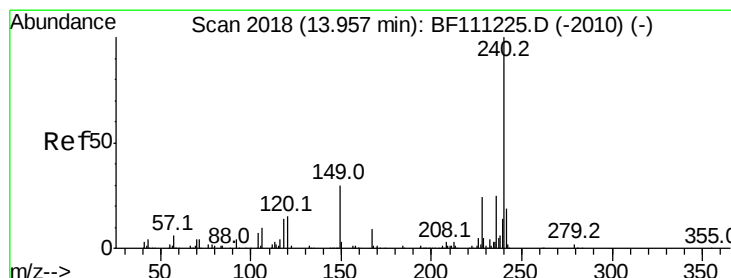
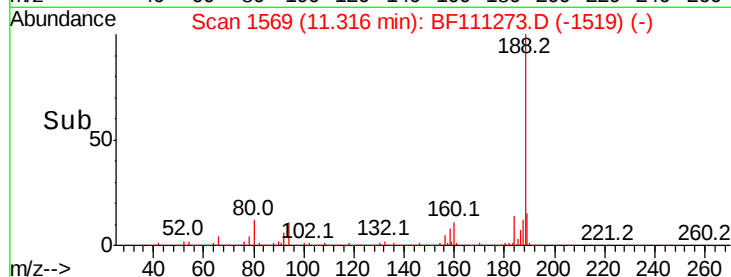
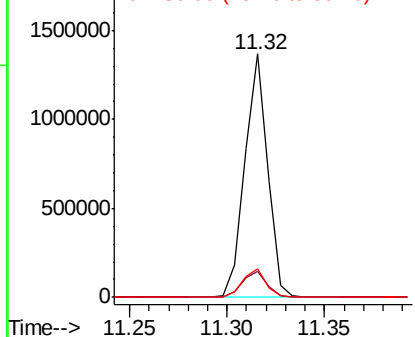
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BF111273.D
Acq: 11 Dec 2018 12:41

Instrument :
BNA_F
ClientSampleId :
K-120718-RO

Tot Ion:188 Resp: 1110326
Ion Ratio Lower Upper
188 100
94 10.9 9.6 14.4
80 11.8 9.8 14.6

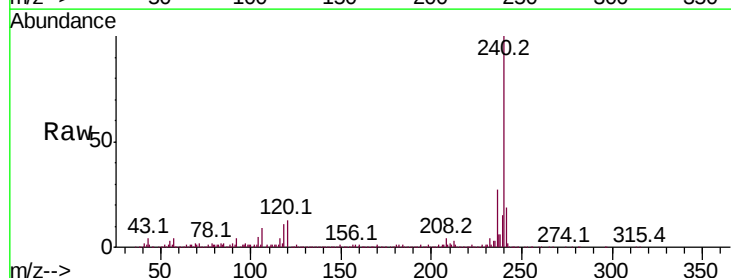


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

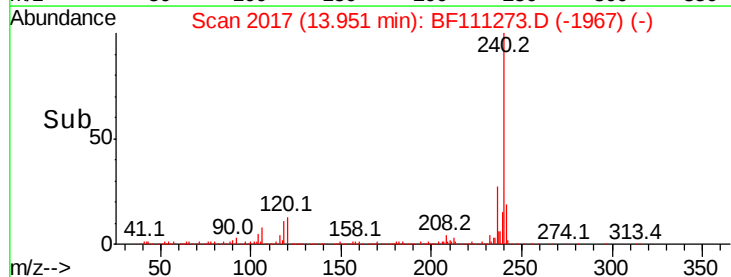
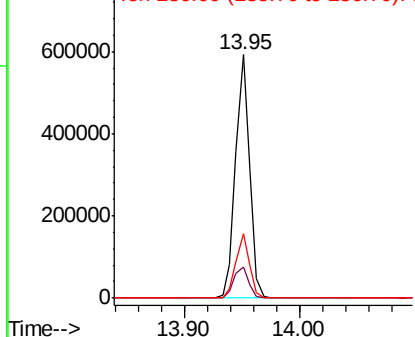


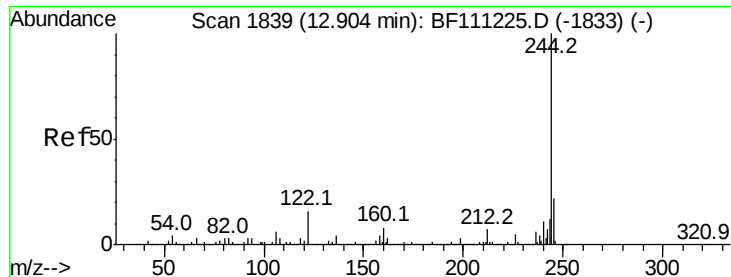
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.95 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BF111273.D
Acq: 11 Dec 2018 12:41

Tgt Ion:240 Resp: 499355
Ion Ratio Lower Upper
240 100
120 13.0 12.2 18.2
236 26.6 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: 73.441 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.00 min

Lab File: BF111273.D

Acq: 11 Dec 2018 12:41

Instrument :

BNA_F

ClientSampleId :

K-120718-RO

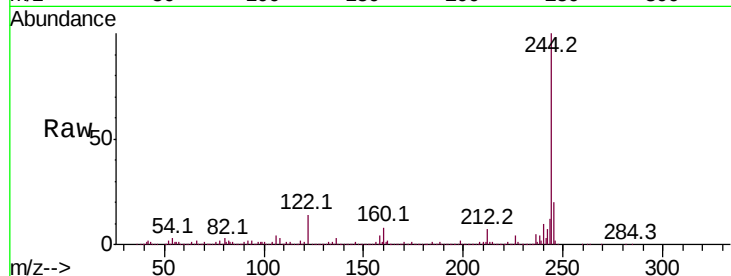
Tot Ion:244 Resp: 1528907

Ion Ratio Lower Upper

244 100

212 6.7 5.7 8.5

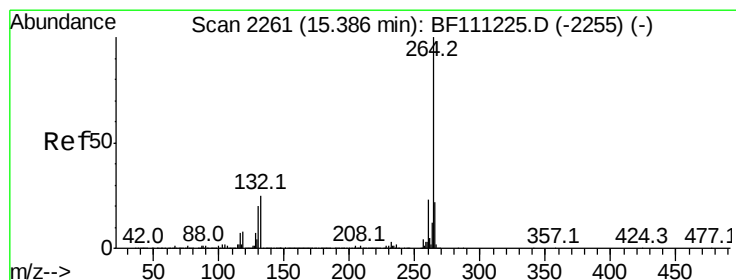
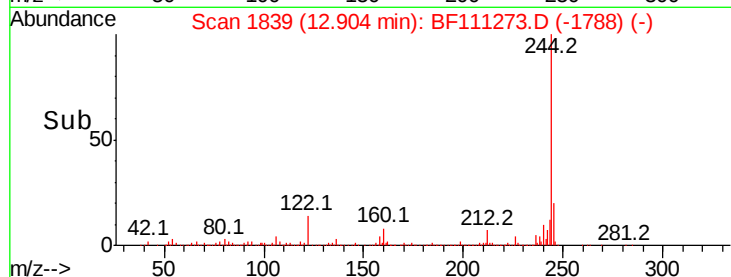
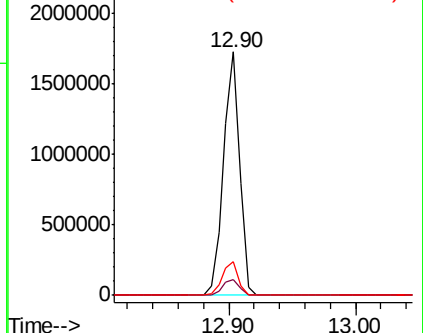
122 13.6 13.1 19.7



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: 15.39 min Scan# 2262

Delta R.T. 0.01 min

Lab File: BF111273.D

Acq: 11 Dec 2018 12:41

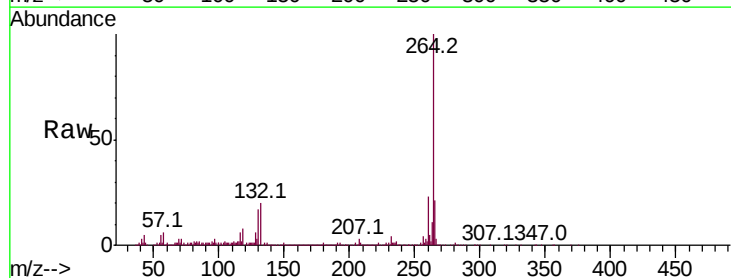
Tgt Ion:264 Resp: 516433

Ion Ratio Lower Upper

264 100

260 23.0 18.3 27.5

265 21.4 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

