

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102219\
 Data File : BF117480.D
 Acq On : 22 Oct 2019 16:17
 Operator : JU
 Sample : K5358-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20190891-FIELD-BLANK

Quant Time: Oct 22 18:35:50 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 18:53:31 2019
 Response via : Initial Calibration

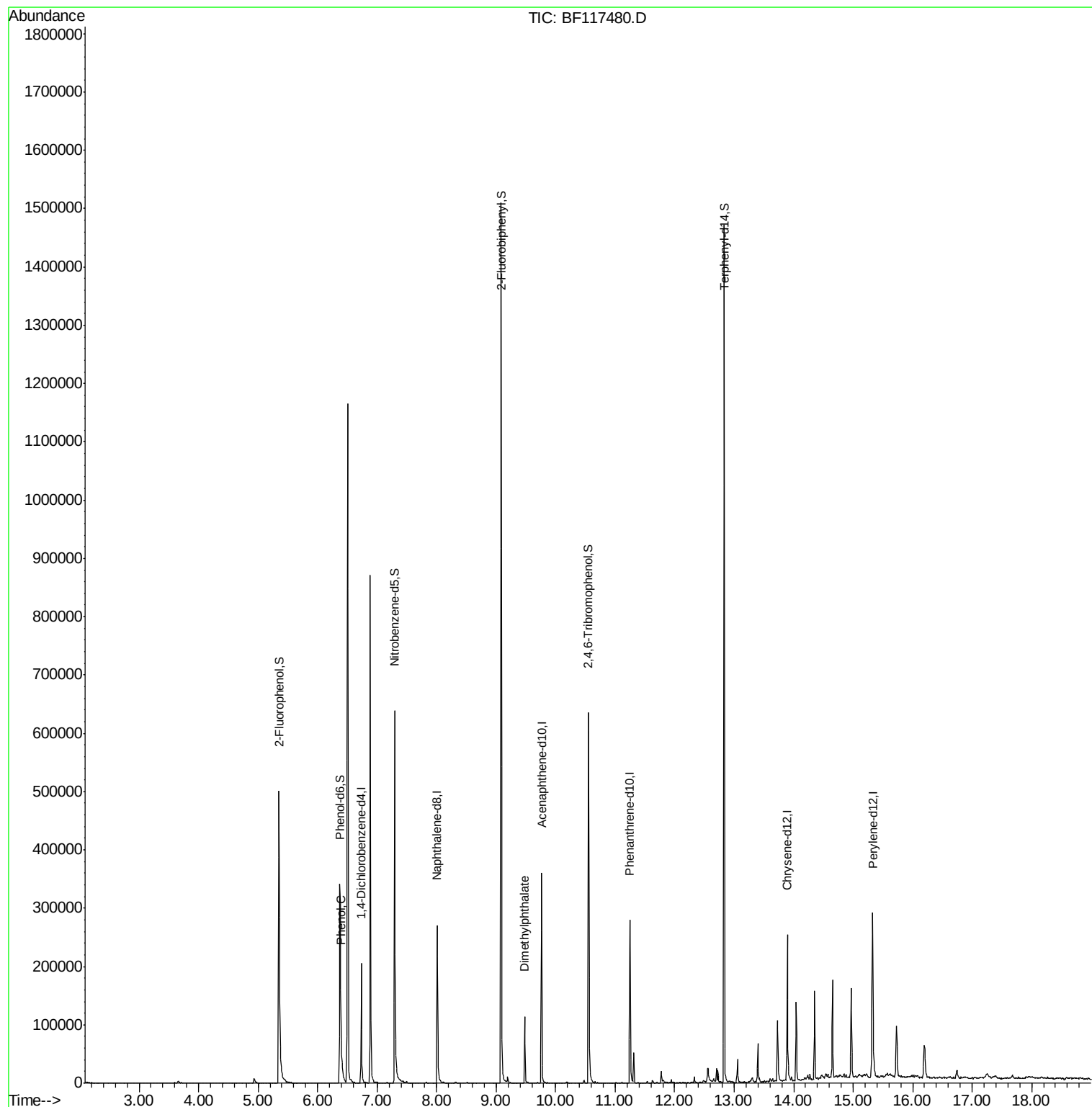
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	35418	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	139219	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	72310	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	118950	20.00	ng	0.00
76) Chrysene-d12	13.89	240	90820	20.00	ng	0.00
87) Perylene-d12	15.33	264	88633	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	188923	79.36	ng	0.00
7) Phenol-d6	6.37	99	160770	50.28	ng	0.00
23) Nitrobenzene-d5	7.30	82	242080	85.84	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	74178	118.56	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	420973	82.03	ng	0.00
79) Terphenyl-d14	12.83	244	468573	84.16	ng	0.00
Target Compounds						
10) Phenol	6.39	94	8718	2.671	ng	95
50) Dimethylphthalate	9.48	163	45254	8.779	ng	97

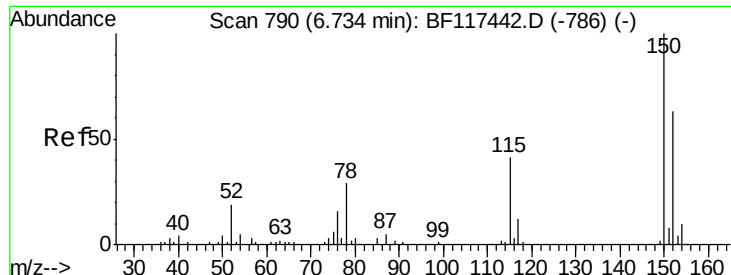
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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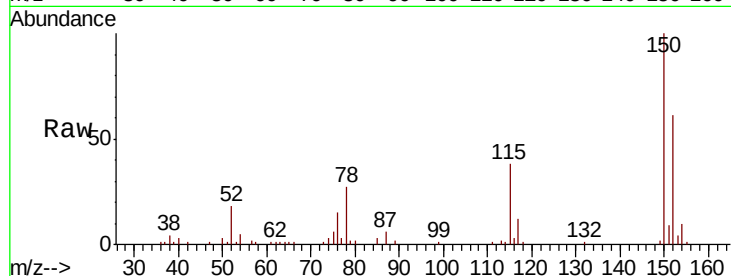


#1

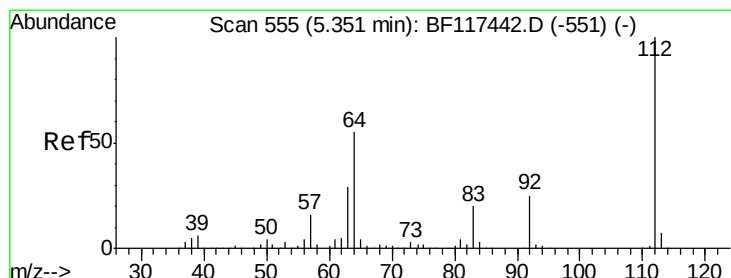
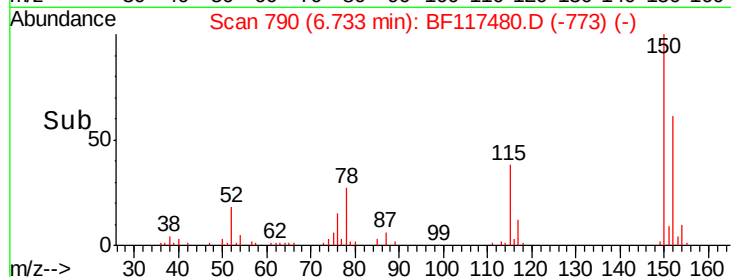
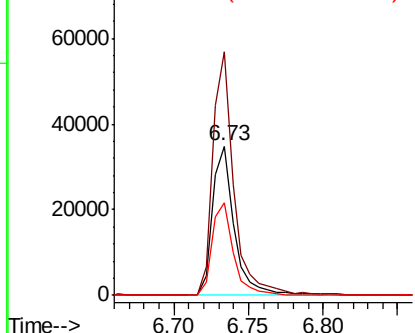
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.00 min
Lab File: BF117480.D
Acq: 22 Oct 2019 16:17

Instrument :
BNA_F
ClientSampleId :
20190891-FIELD-BLANK

Tot Ion:152 Resp: 35418
Ion Ratio Lower Upper
152 100
150 163.4 126.8 190.2
115 62.4 51.6 77.4



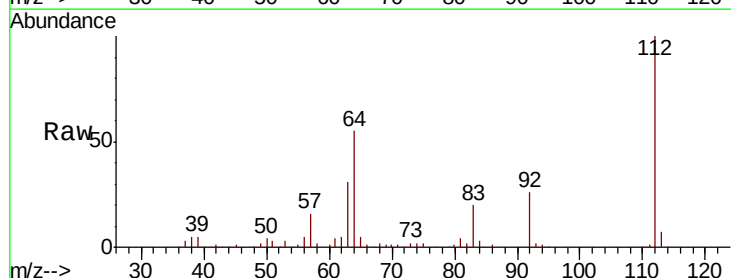
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



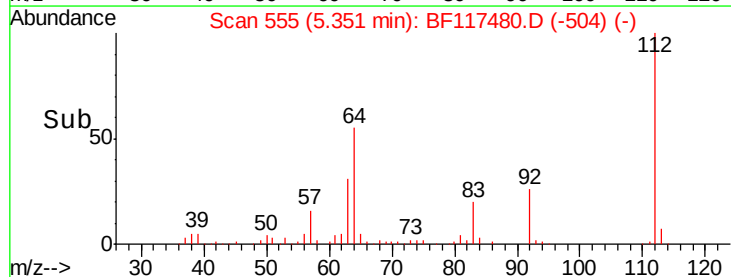
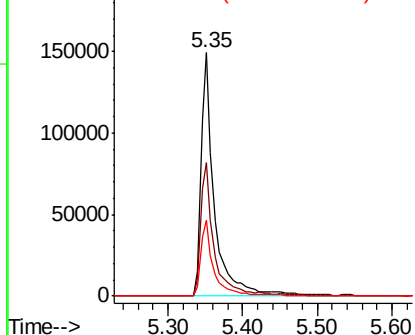
#5

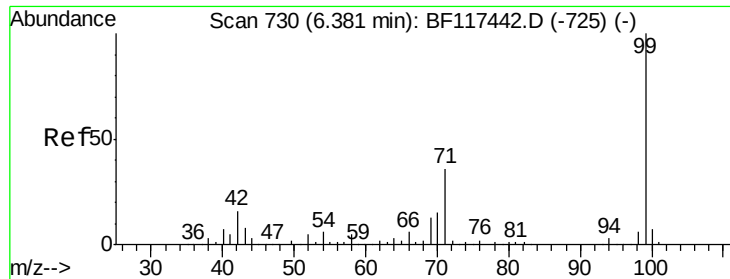
2-Fluorophenol
Concen: 79.356 ng
RT: 5.35 min Scan# 555
Delta R.T. -0.00 min
Lab File: BF117480.D
Acq: 22 Oct 2019 16:17

Tgt Ion:112 Resp: 188923
Ion Ratio Lower Upper
112 100
64 55.0 44.1 66.1
63 31.2 23.4 35.2



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: 50.279 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF117480.D

Acq: 22 Oct 2019 16:17

Instrument :

BNA_F

ClientSampleId :

20190891-FIELD-BLANK

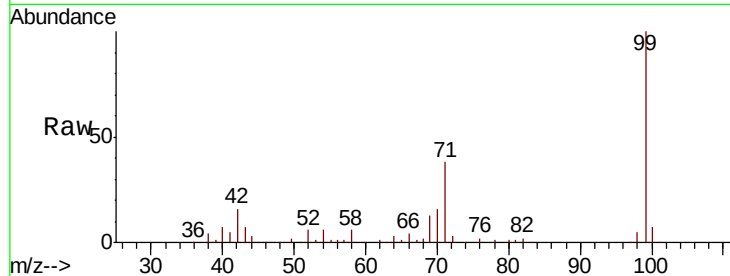
Tot Ion: 99 Resp: 160770

Ion Ratio Lower Upper

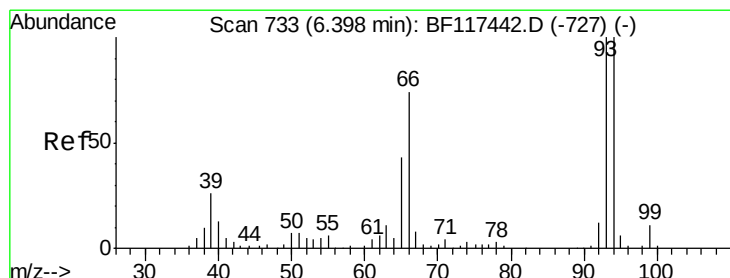
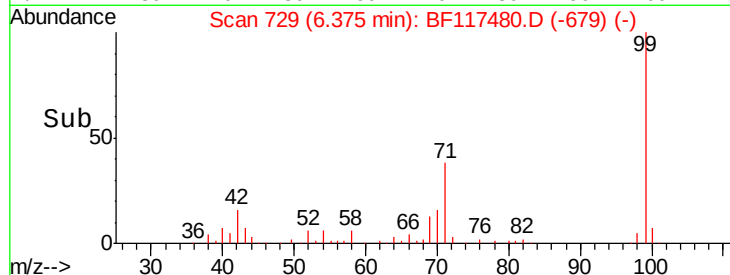
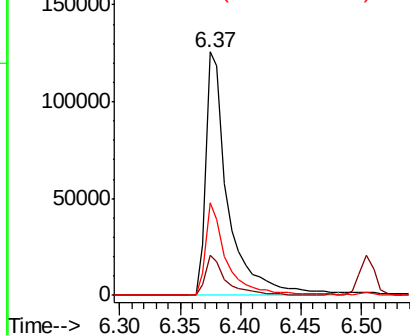
99 100

42 16.4 12.8 19.2

71 37.9 28.6 43.0



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: 2.671 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF117480.D

Acq: 22 Oct 2019 16:17

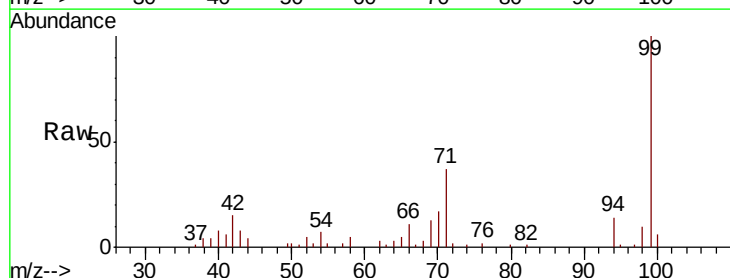
Tgt Ion: 94 Resp: 8718

Ion Ratio Lower Upper

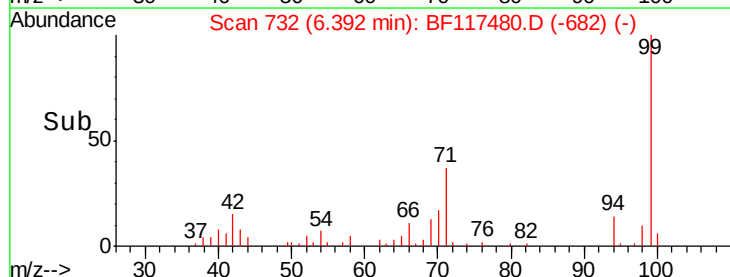
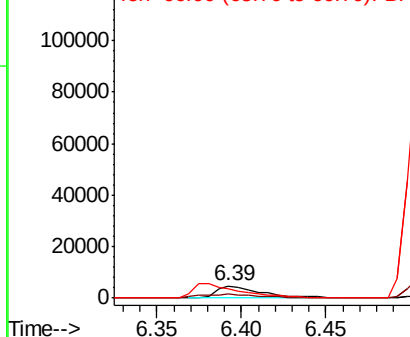
94 100

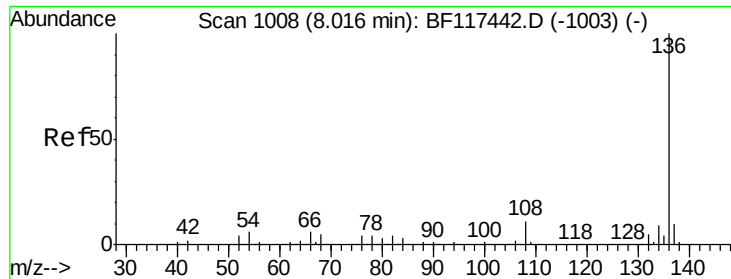
65 38.0 23.4 63.4

66 77.8 54.7 94.7



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

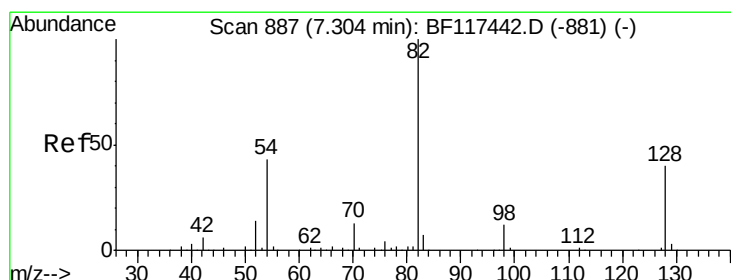
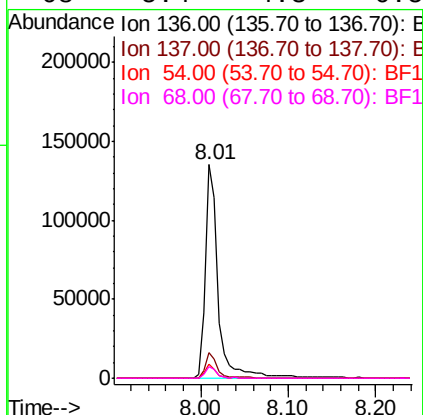
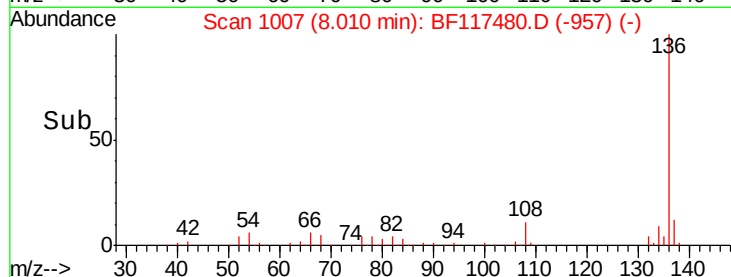
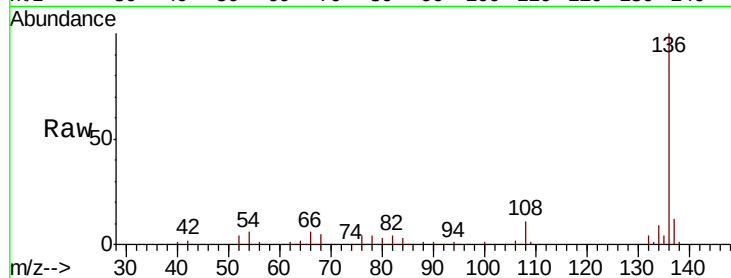




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF117480.D
Acq: 22 Oct 2019 16:17

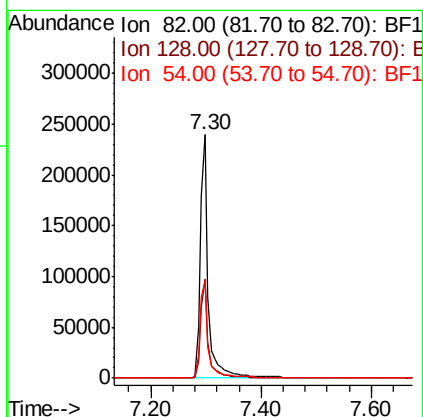
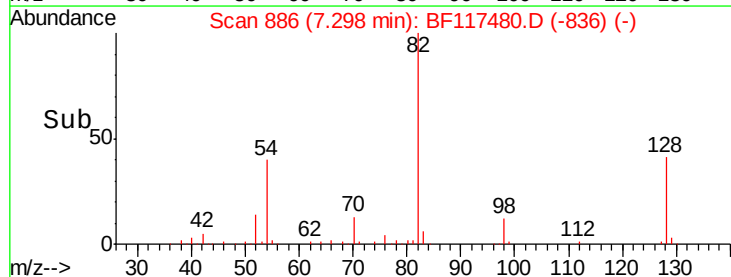
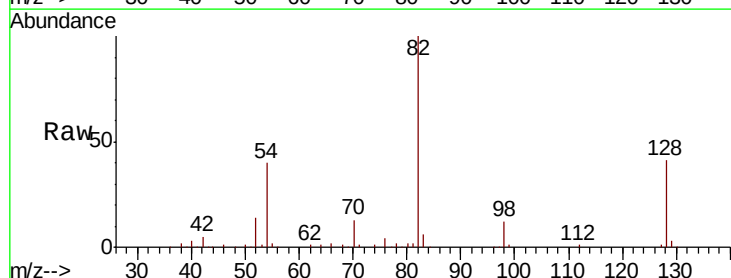
Instrument :
BNA_F
ClientSampleId :
20190891-FIELD-BLANK

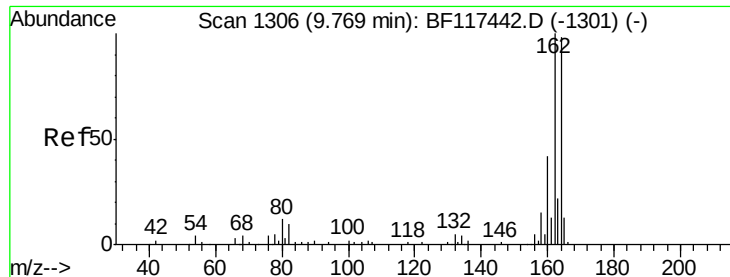
Tot Ion:136	Resp:	139219
Ion	Ratio	Lower Upper
136	100	
137	11.8	8.2 12.4
54	6.4	4.5 6.7
68	5.4	4.3 6.5



#23
Nitrobenzene-d5
Concen: 85.843 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF117480.D
Acq: 22 Oct 2019 16:17

Tgt Ion: 82	Resp:	242080
Ion	Ratio	Lower Upper
82	100	
128	40.7	32.2 48.2
54	39.9	34.2 51.2

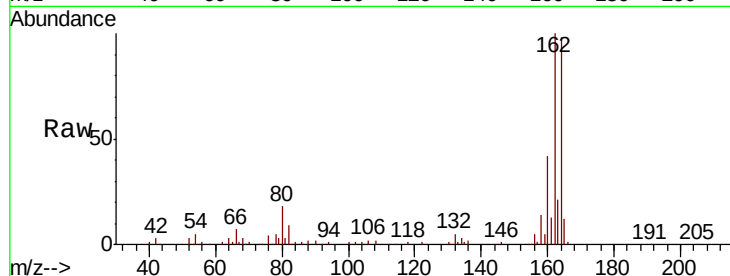




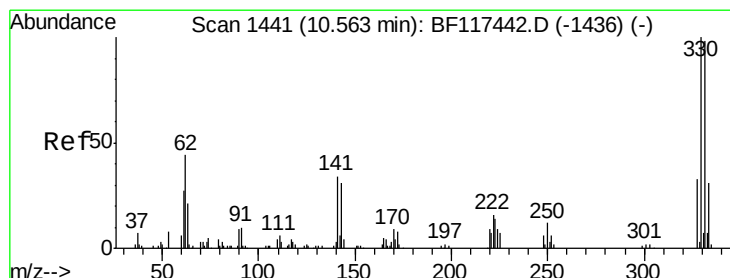
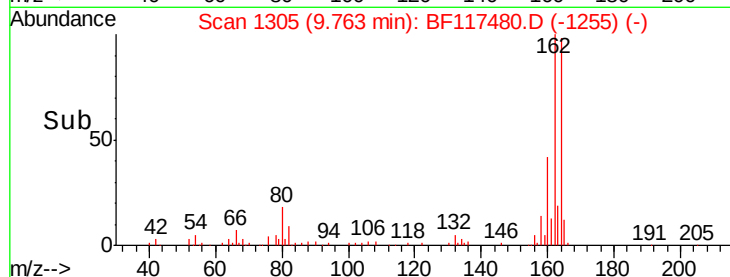
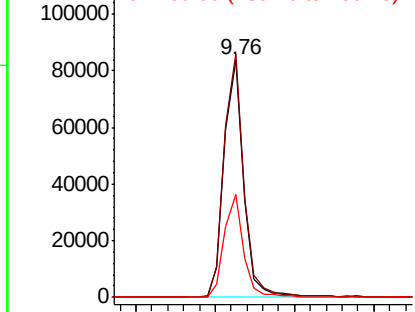
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. -0.01 min
 Lab File: BF117480.D
 Acq: 22 Oct 2019 16:17

Instrument :
 BNA_F
 ClientSampleId :
 20190891-FIELD-BLANK

Tot Ion:164 Resp: 72310
 Ion Ratio Lower Upper
 164 100
 162 102.5 81.8 122.6
 160 43.3 34.4 51.6

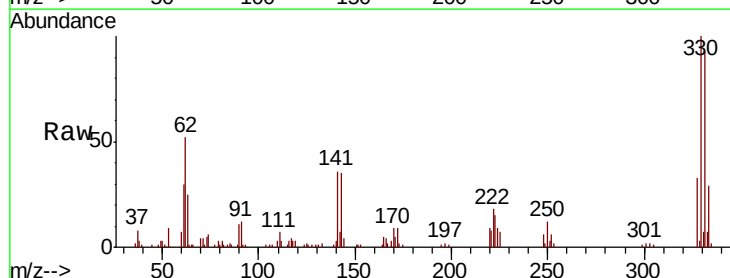


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

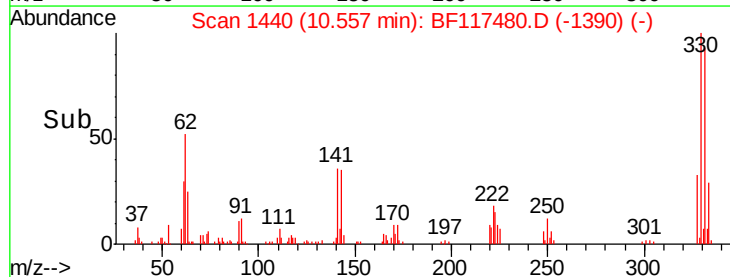
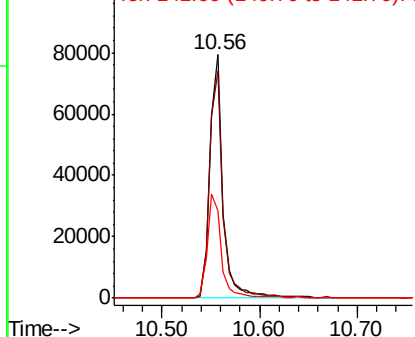


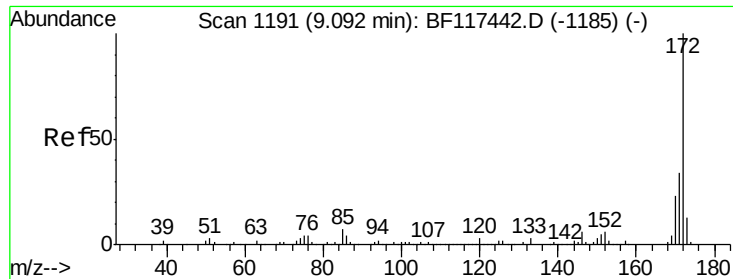
#42
 2,4,6-Tribromophenol
 Concen: 118.558 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. -0.01 min
 Lab File: BF117480.D
 Acq: 22 Oct 2019 16:17

Tgt Ion:330 Resp: 74178
 Ion Ratio Lower Upper
 330 100
 332 96.4 78.5 117.7
 141 45.5 37.0 55.6



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

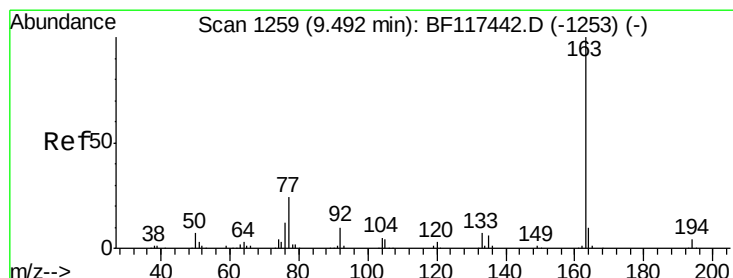
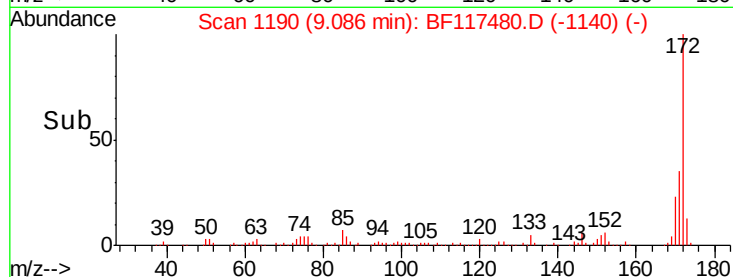
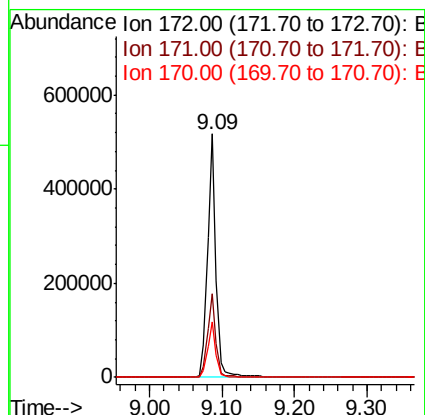
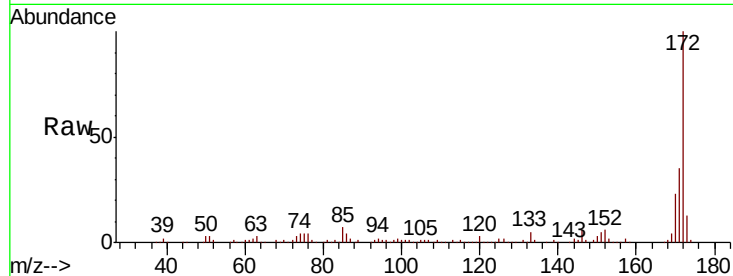




#45
2-Fluorobiphenyl
Concen: 82.028 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BF117480.D
Acq: 22 Oct 2019 16:17

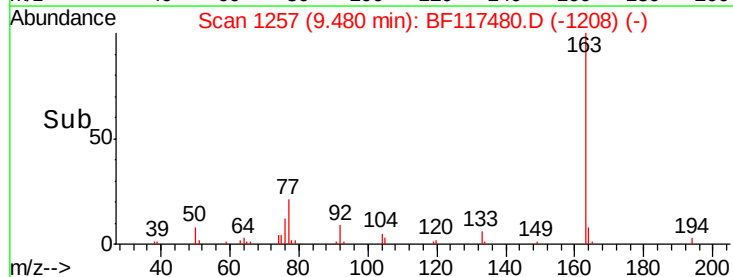
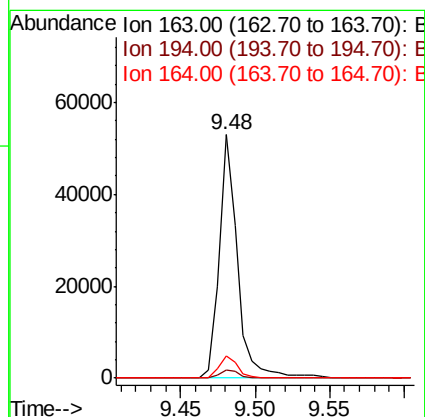
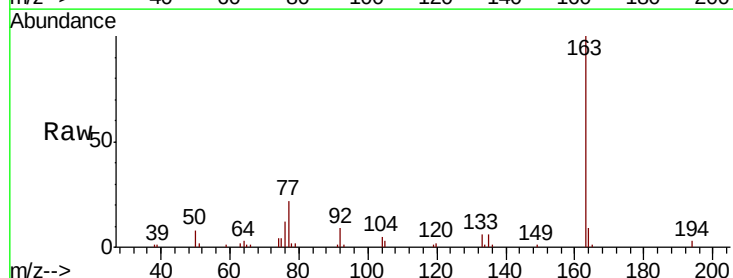
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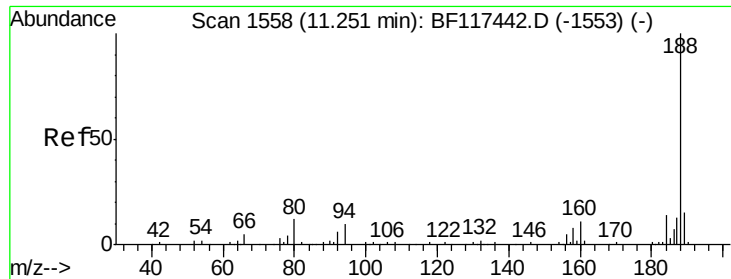
Tot Ion:172 Resp: 420973
Ion Ratio Lower Upper
172 100
171 34.6 27.5 41.3
170 23.0 18.6 27.8



#50
Dimethylphthalate
Concen: 8.779 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.01 min
Lab File: BF117480.D
Acq: 22 Oct 2019 16:17

Tgt Ion:163 Resp: 45254
Ion Ratio Lower Upper
163 100
194 3.4 2.9 4.3
164 9.0 8.2 12.2

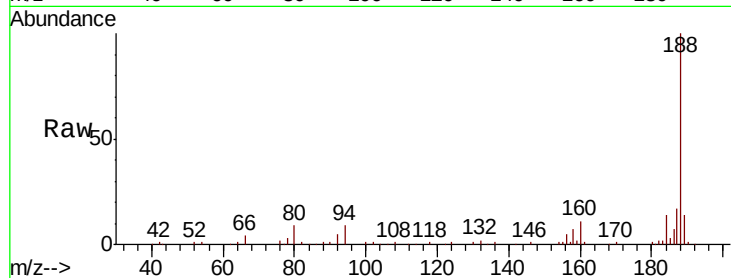




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. -0.00 min
Lab File: BF117480.D
Acq: 22 Oct 2019 16:17

Instrument :
BNA_F
ClientSampleId :
20190891-FIELD-BLANK

Tot Ion	Ratio	Lower	Upper
188	100		
94	8.6	8.0	12.0
80	8.7	9.5	14.3#

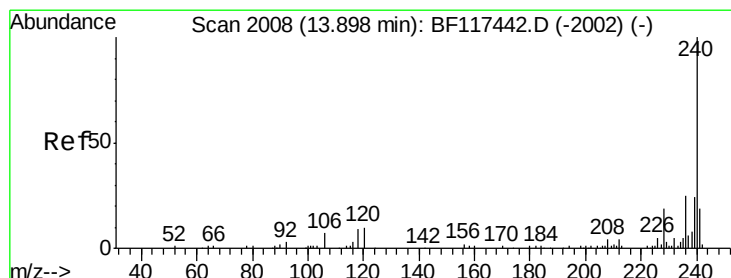
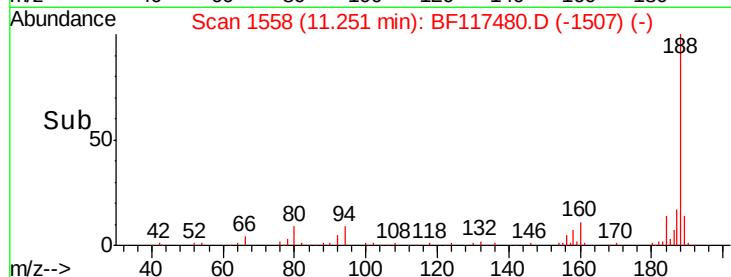
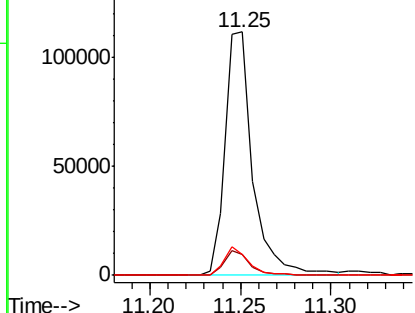


Abundance

Ion 188.00 (187.70 to 188.70): E

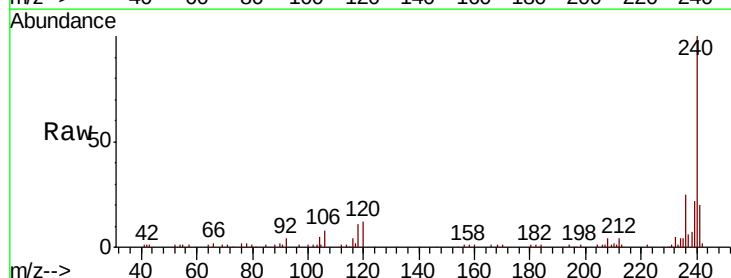
Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.89 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BF117480.D
Acq: 22 Oct 2019 16:17

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.9	8.4	12.6
236	25.4	20.0	30.0

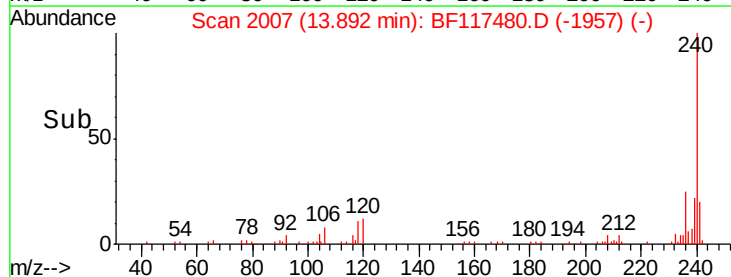
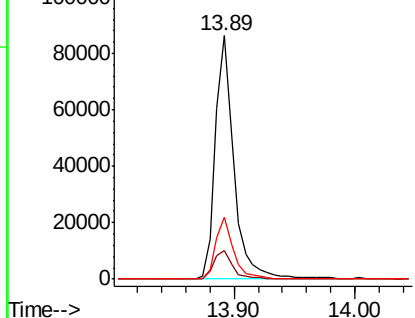


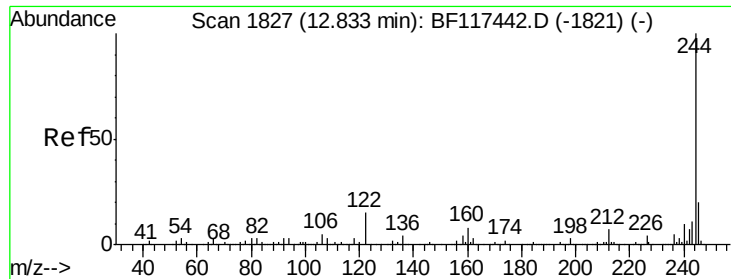
Abundance

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: 84.155 ng

RT: 12.83 min Scan# 1827

Delta R.T. -0.00 min

Lab File: BF117480.D

Acq: 22 Oct 2019 16:17

Instrument :

BNA_F

ClientSampleId :

20190891-FIELD-BLANK

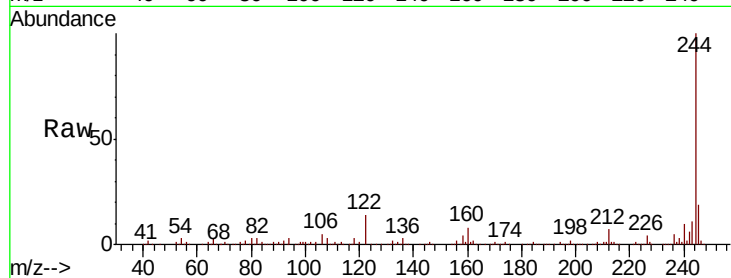
Tot Ion:244 Resp: 468573

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.6

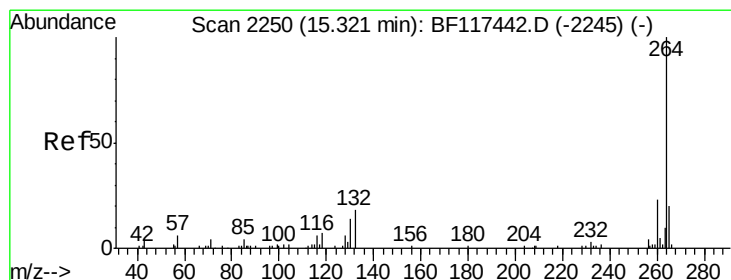
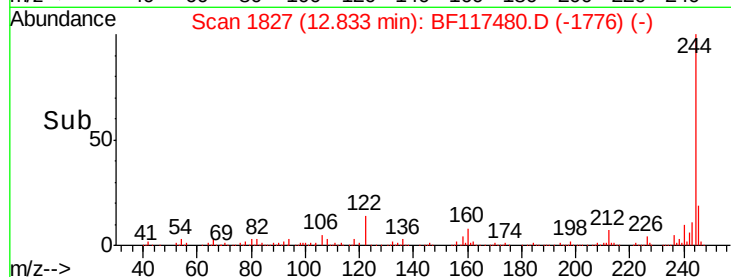
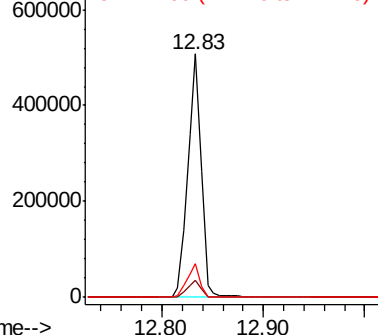
122 14.0 11.8 17.8



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: 15.33 min Scan# 2251

Delta R.T. 0.01 min

Lab File: BF117480.D

Acq: 22 Oct 2019 16:17

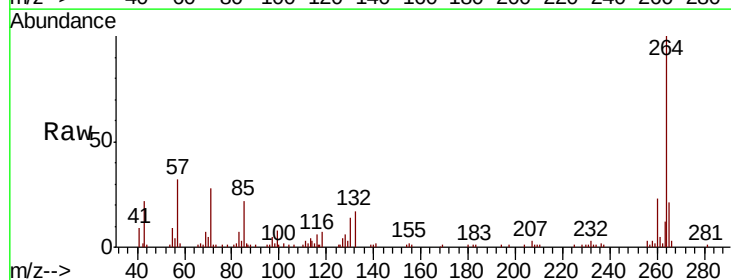
Tgt Ion:264 Resp: 88633

Ion Ratio Lower Upper

264 100

260 22.9 18.4 27.6

265 20.5 16.1 24.1



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

