

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111519\
 Data File : BF117805.D
 Acq On : 15 Nov 2019 16:20
 Operator : JU
 Sample : K5861-06
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EP-6

Quant Time: Nov 18 02:37:28 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 13 18:36:07 2019
 Response via : Initial Calibration

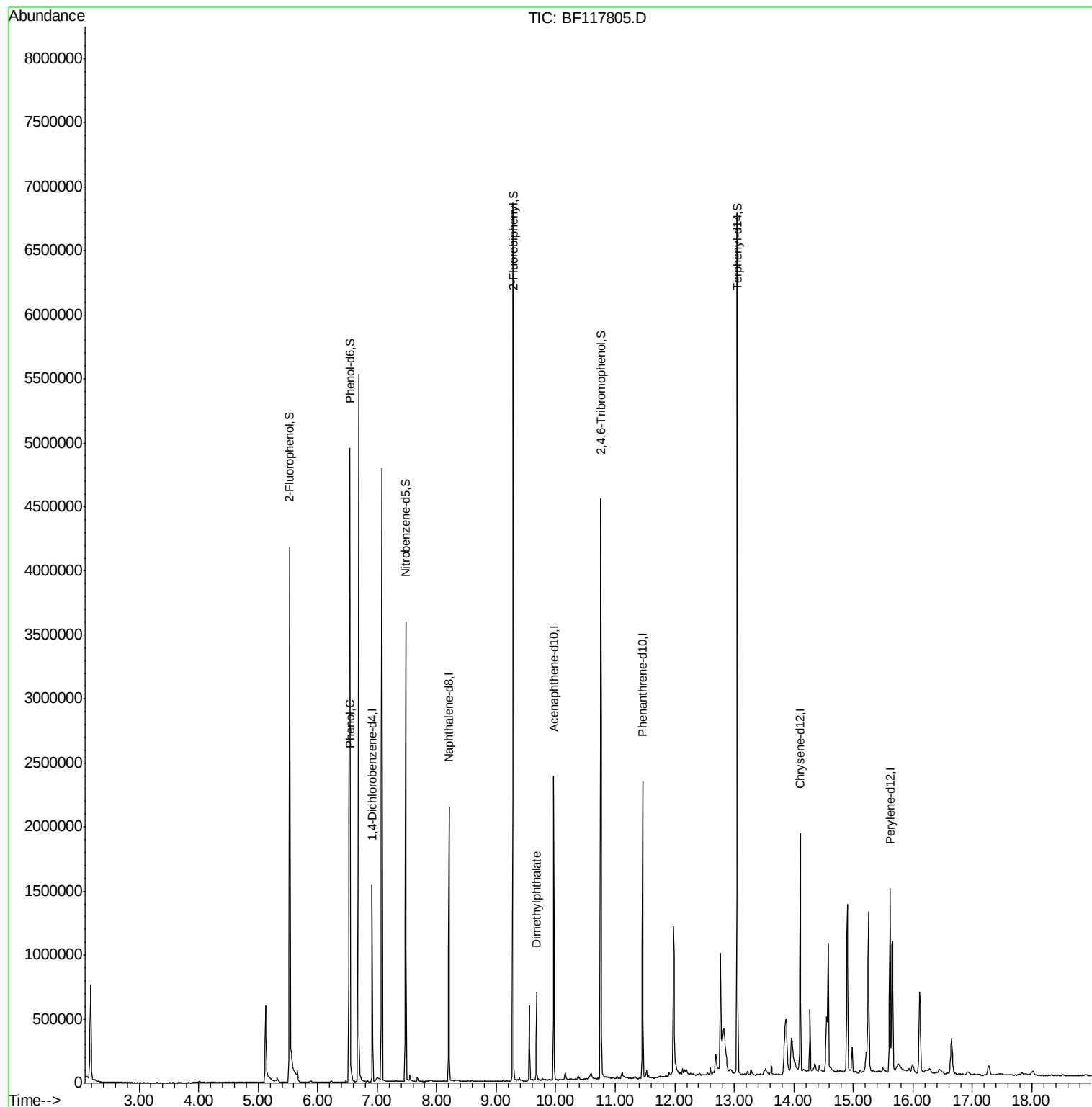
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	226615	20.00	ng	-0.01
21) Naphthalene-d8	8.20	136	860166	20.00	ng	-0.01
39) Acenaphthene-d10	9.97	164	456527	20.00	ng	0.00
64) Phenanthrene-d10	11.46	188	860648	20.00	ng	-0.01
76) Chrysene-d12	14.11	240	635898	20.00	ng	0.00
87) Perylene-d12	15.62	264	640760	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	1440551	112.52	ng	0.00
7) Phenol-d6	6.54	99	1771517	114.72	ng	0.00
23) Nitrobenzene-d5	7.48	82	1078710	74.55	ng	-0.01
42) 2,4,6-Tribromophenol	10.76	330	531770	110.02	ng	-0.01
45) 2-Fluorobiphenyl	9.29	172	2015429	79.20	ng	0.00
79) Terphenyl-d14	13.05	244	2367343	68.04	ng	0.00
Target Compounds						
10) Phenol	6.55	94	79283	4.941	ng	97
50) Dimethylphthalate	9.67	163	234739	7.332	ng	99

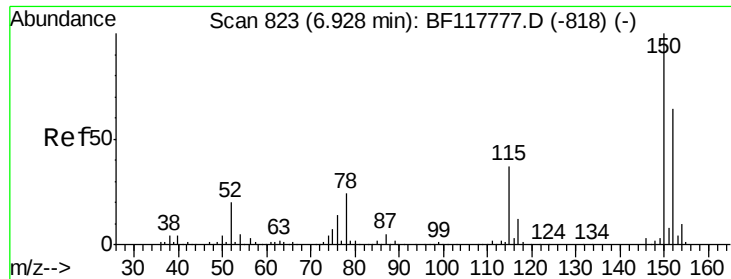
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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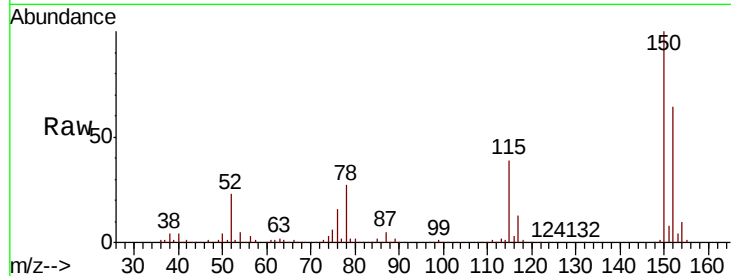


#1

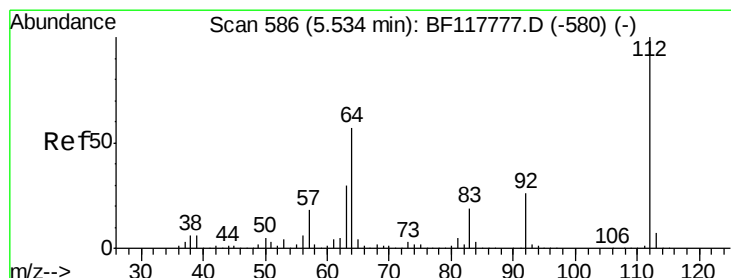
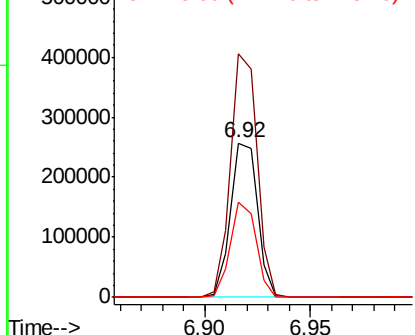
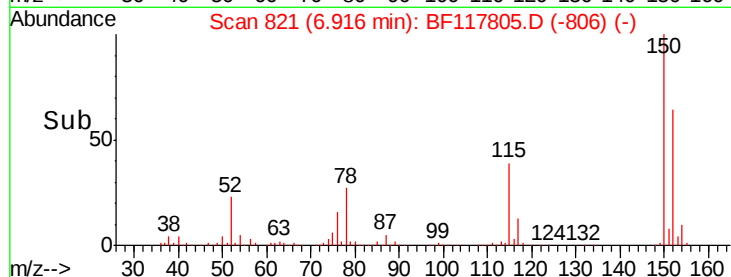
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF117805.D
Acq: 15 Nov 2019 16:20

Instrument :
BNA_F
ClientSampleId :
EP-6

Tot Ion:152 Resp: 226615
Ion Ratio Lower Upper
152 100
150 157.5 125.3 187.9
115 61.8 47.0 70.4



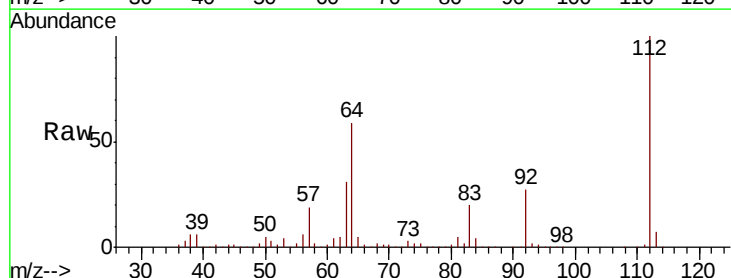
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



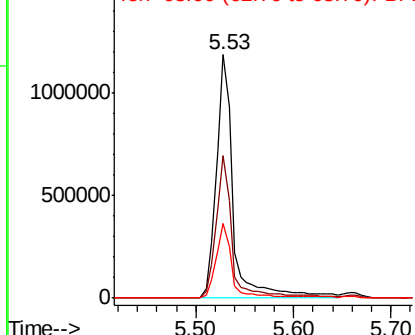
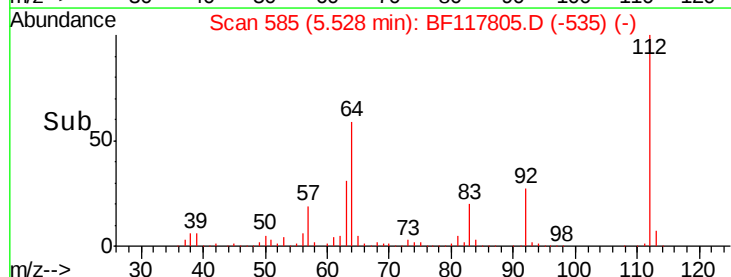
#5

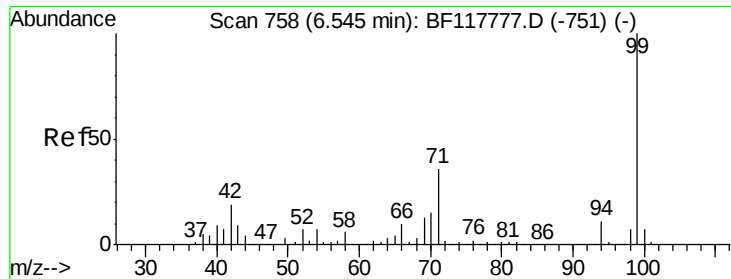
2-Fluorophenol
Concen: 112.522 ng
RT: 5.53 min Scan# 585
Delta R.T. -0.01 min
Lab File: BF117805.D
Acq: 15 Nov 2019 16:20

Tgt Ion:112 Resp: 1440551
Ion Ratio Lower Upper
112 100
64 58.8 45.6 68.4
63 30.8 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: 114.723 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF117805.D

Acq: 15 Nov 2019 16:20

Instrument :

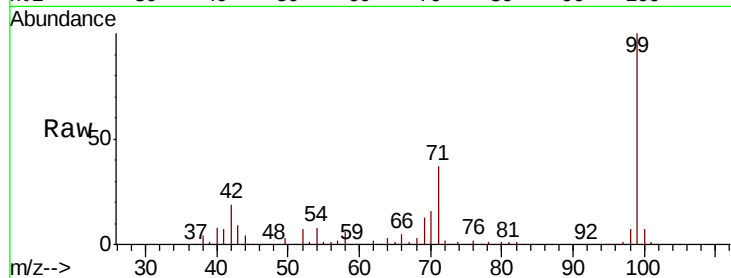
BNA_F

ClientSampled :

EP-6

Tot Ion: 99 Resp: 1771517

Ion	Ratio	Lower	Upper
99	100		
42	19.0	14.9	22.3
71	36.7	28.6	43.0

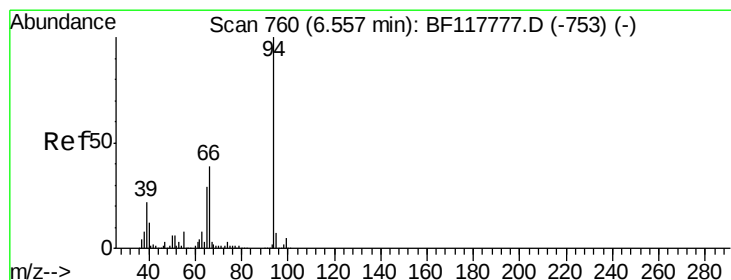
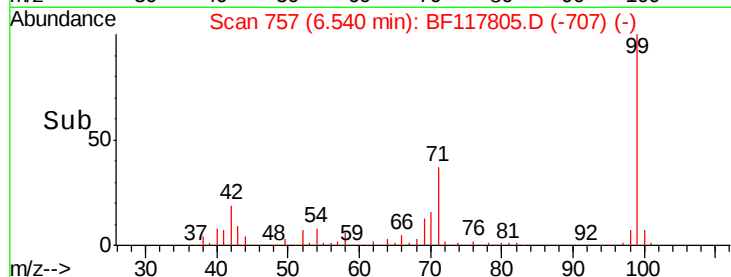
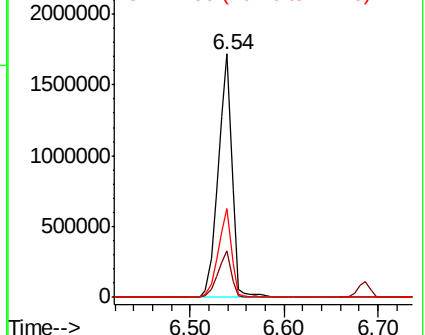


Abundance

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: 4.941 ng

RT: 6.55 min Scan# 759

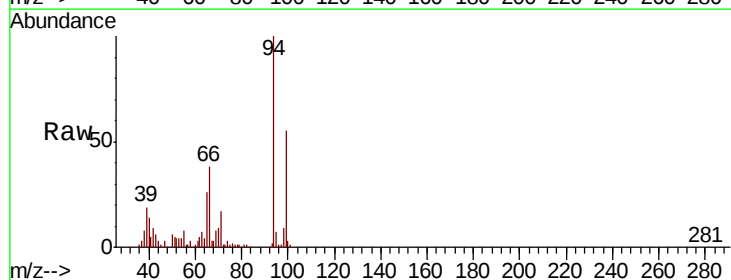
Delta R.T. -0.01 min

Lab File: BF117805.D

Acq: 15 Nov 2019 16:20

Tgt Ion: 94 Resp: 79283

Ion	Ratio	Lower	Upper
94	100		
65	25.7	8.9	48.9
66	37.8	18.7	58.7

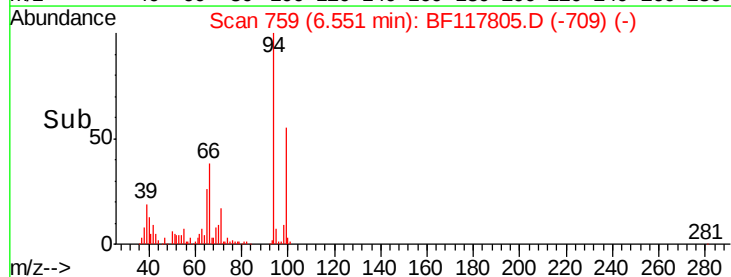
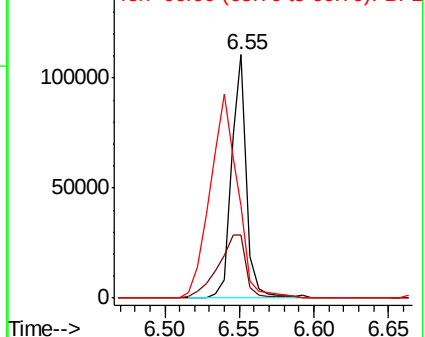


Abundance

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

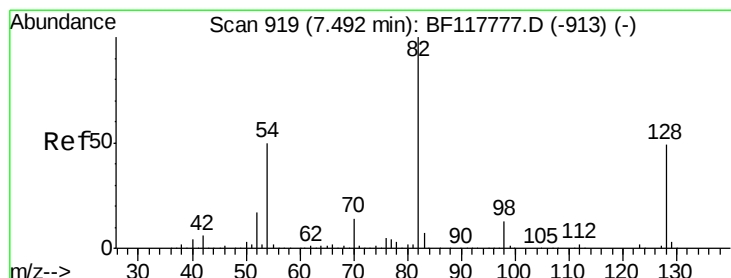
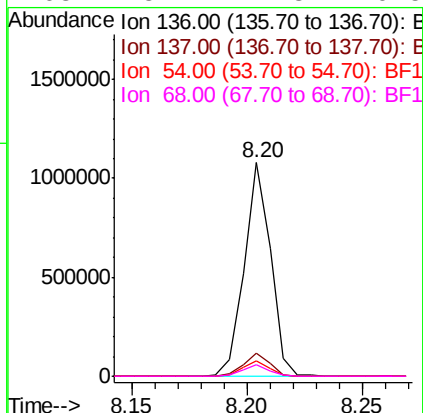
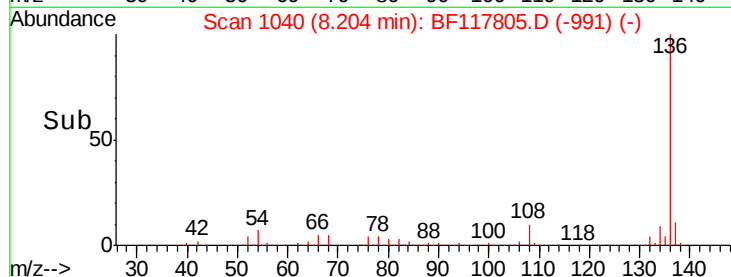
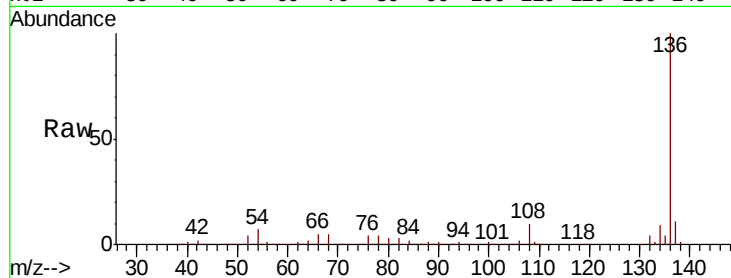




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BF117805.D
Acq: 15 Nov 2019 16:20

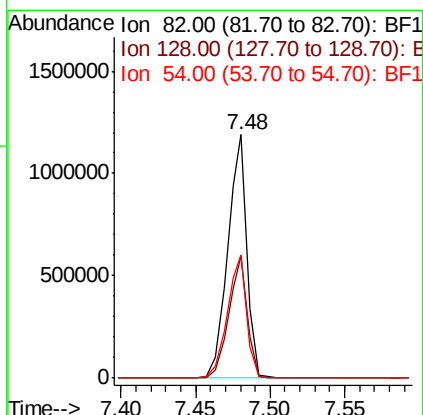
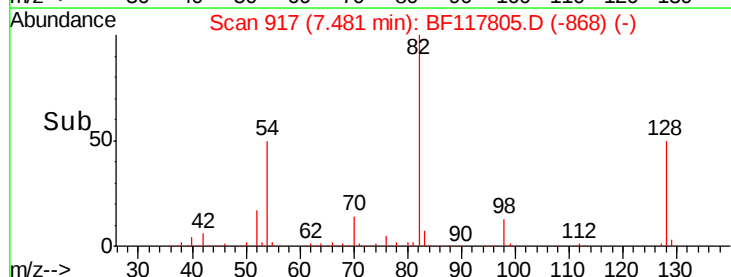
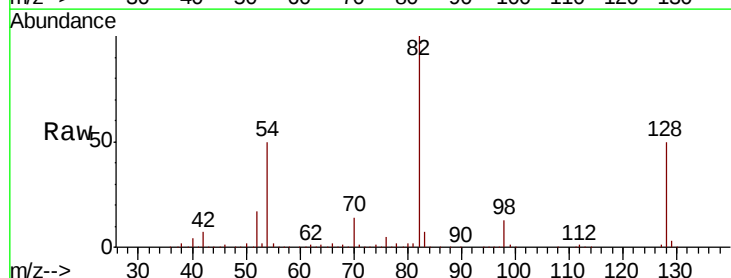
Instrument :
BNA_F
ClientSampleId :
EP-6

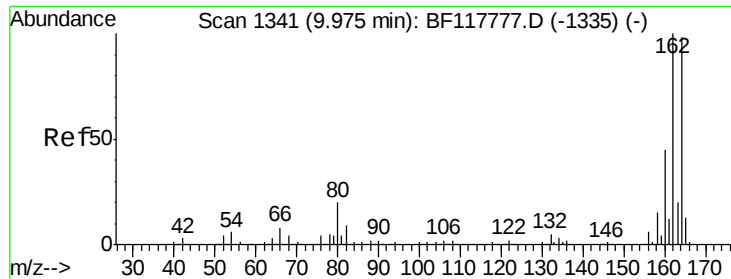
Tot Ion:136	Resp:	860166
Ion	Ratio	Lower Upper
136	100	
137	11.1	9.0 13.4
54	7.3	5.4 8.2
68	5.4	4.3 6.5



#23
Nitrobenzene-d5
Concen: 74.549 ng
RT: 7.48 min Scan# 917
Delta R.T. -0.01 min
Lab File: BF117805.D
Acq: 15 Nov 2019 16:20

Tgt Ion: 82	Resp:	1078710
Ion	Ratio	Lower Upper
82	100	
128	50.1	38.9 58.3
54	50.4	39.8 59.6

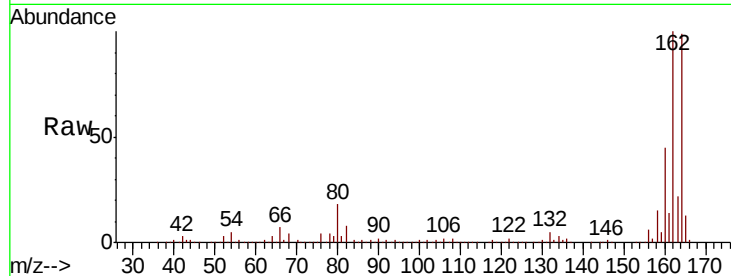




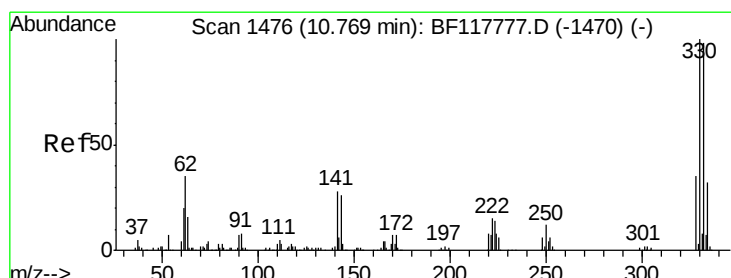
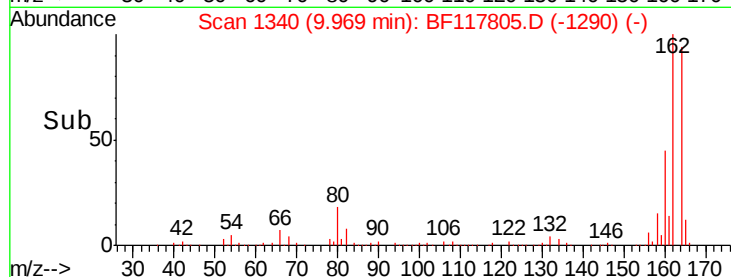
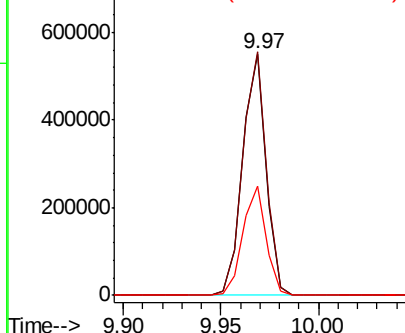
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF117805.D
Acq: 15 Nov 2019 16:20

Instrument :
BNA_F
ClientSampleId :
EP-6

Tot Ion:164 Resp: 456527
Ion Ratio Lower Upper
164 100
162 101.0 81.3 121.9
160 45.5 36.6 55.0

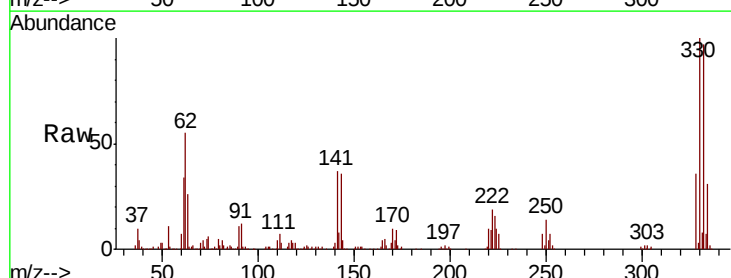


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

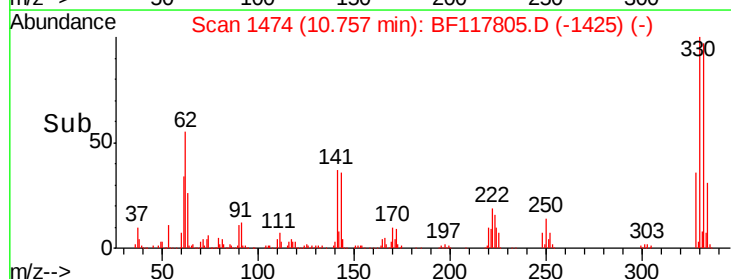
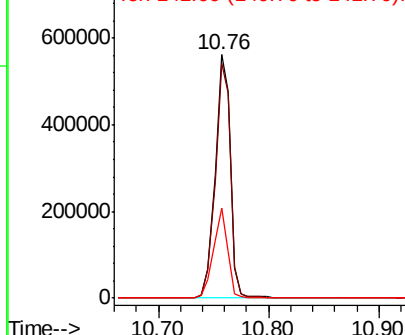


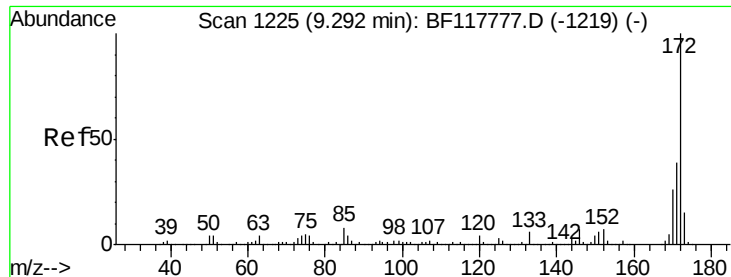
#42
2,4,6-Tribromophenol
Concen: 110.024 ng
RT: 10.76 min Scan# 1474
Delta R.T. -0.01 min
Lab File: BF117805.D
Acq: 15 Nov 2019 16:20

Tgt Ion:330 Resp: 531770
Ion Ratio Lower Upper
330 100
332 97.0 76.7 115.1
141 34.5 27.7 41.5



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



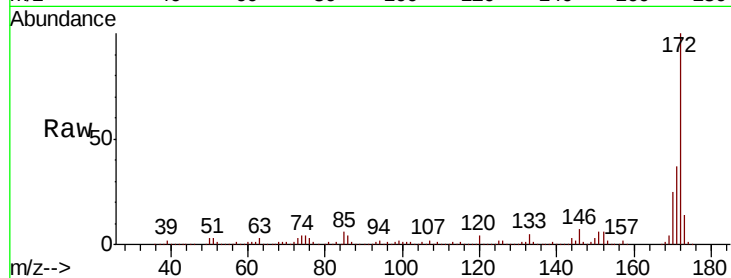


#45
 2-Fluorobiphenyl
 Concen: 79.201 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. -0.01 min
 Lab File: BF117805.D
 Acq: 15 Nov 2019 16:20

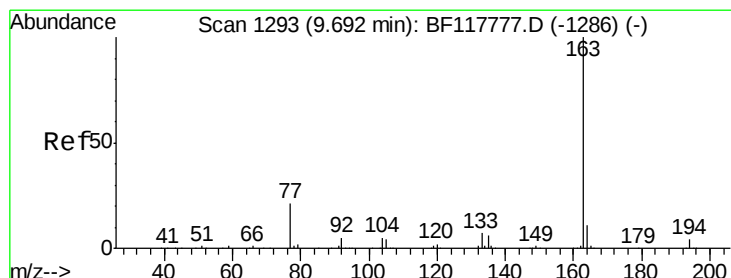
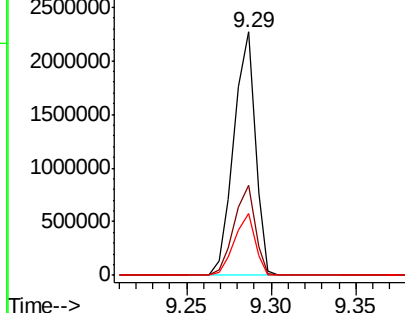
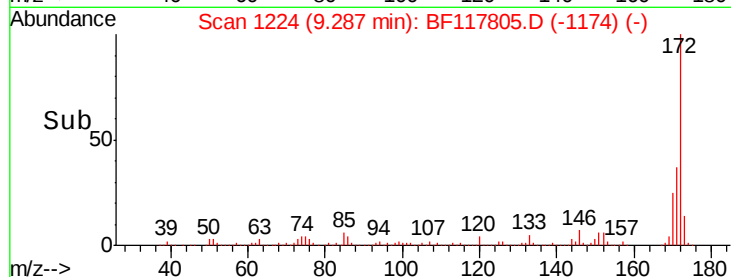
Instrument :
 BNA_F
 ClientSampleId :
 EP-6

Tot Ion:172 Resp: 2015429

Ion	Ratio	Lower	Upper
172	100		
171	37.2	30.9	46.3
170	25.2	21.0	31.4



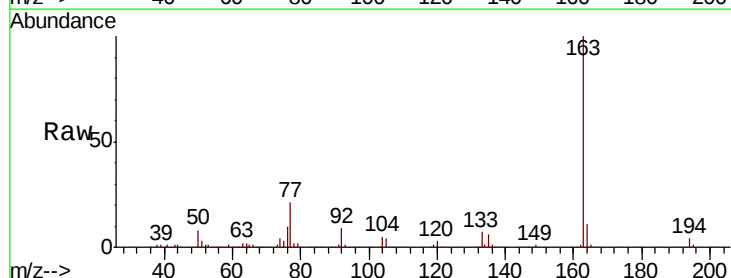
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



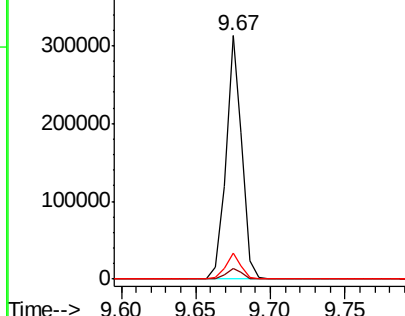
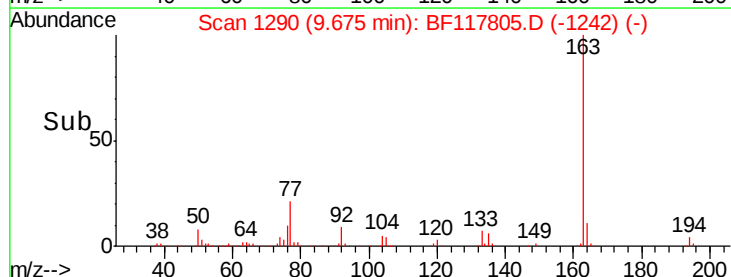
#50
 Dimethylphthalate
 Concen: 7.332 ng
 RT: 9.67 min Scan# 1290
 Delta R.T. -0.02 min
 Lab File: BF117805.D
 Acq: 15 Nov 2019 16:20

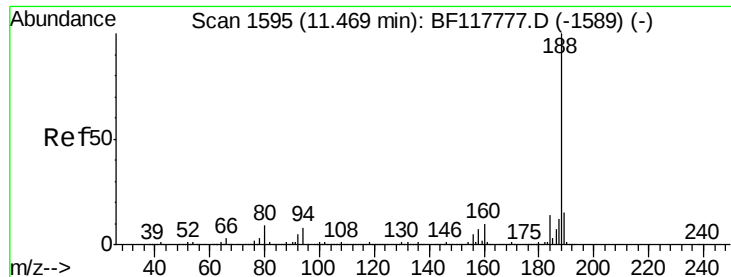
Tgt Ion:163 Resp: 234739

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.3	4.9
164	10.5	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: 11.46 min Scan# 1593

Delta R.T. -0.01 min

Lab File: BF117805.D

Acq: 15 Nov 2019 16:20

Instrument :

BNA_F

ClientSampleId :

EP-6

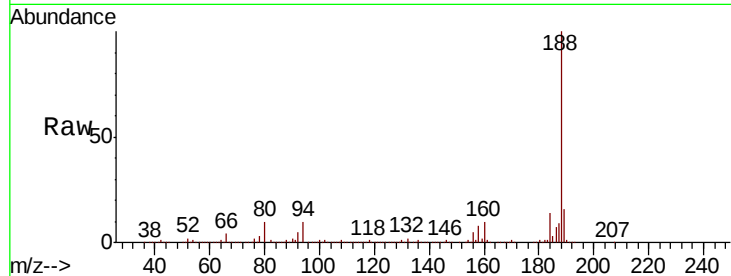
Tot Ion:188 Resp: 860648

Ion Ratio Lower Upper

188 100

94 9.7 6.6 10.0

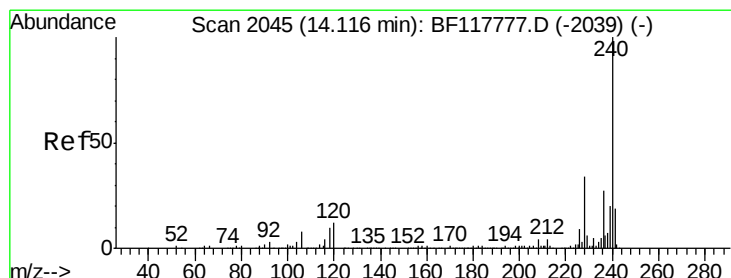
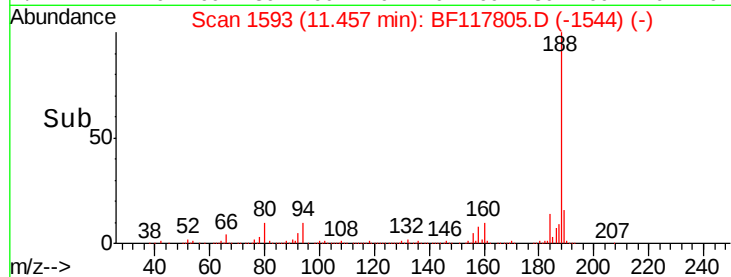
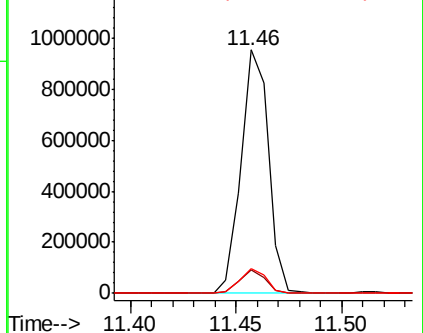
80 10.3 7.2 10.8



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: 14.11 min Scan# 2044

Delta R.T. -0.01 min

Lab File: BF117805.D

Acq: 15 Nov 2019 16:20

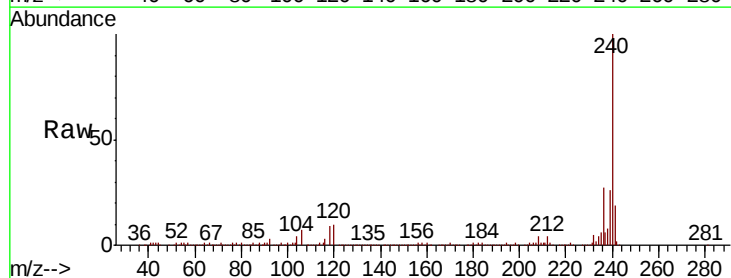
Tgt Ion:240 Resp: 635898

Ion Ratio Lower Upper

240 100

120 9.9 9.5 14.3

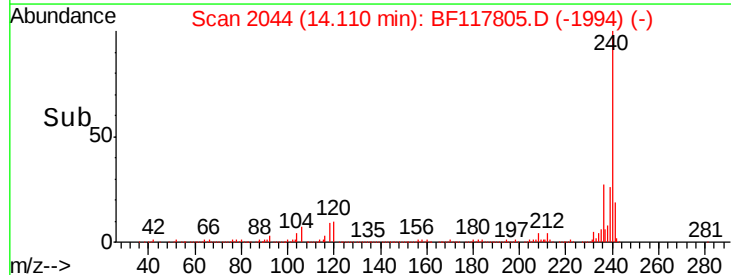
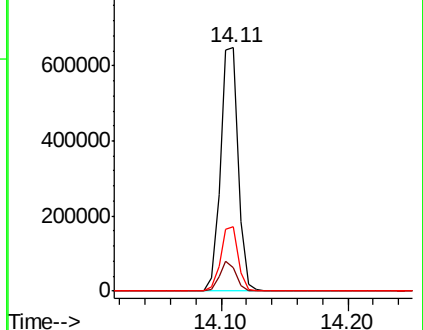
236 26.7 21.3 31.9

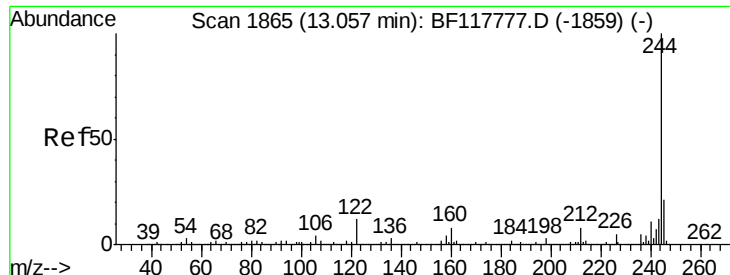


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 68.039 ng

RT: 13.05 min Scan# 1864

Delta R.T. -0.01 min

Lab File: BF117805.D

Acq: 15 Nov 2019 16:20

Instrument :

BNA_F

ClientSampleId :

EP-6

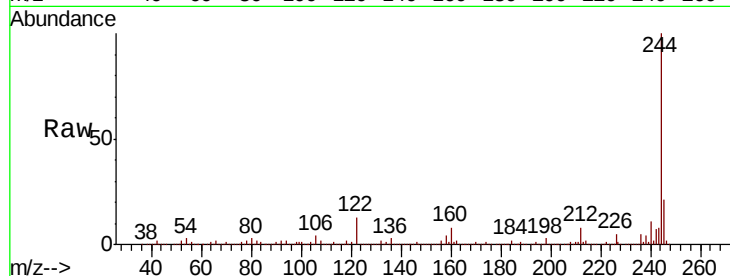
Tot Ion:244 Resp: 2367343

Ion Ratio Lower Upper

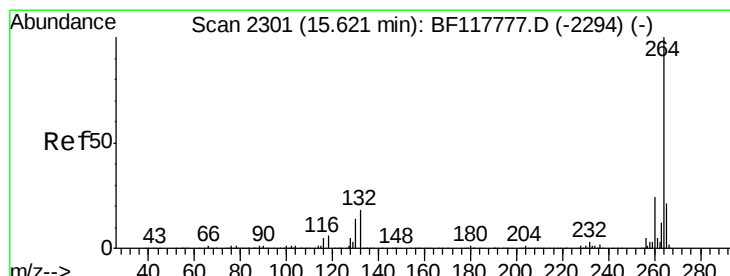
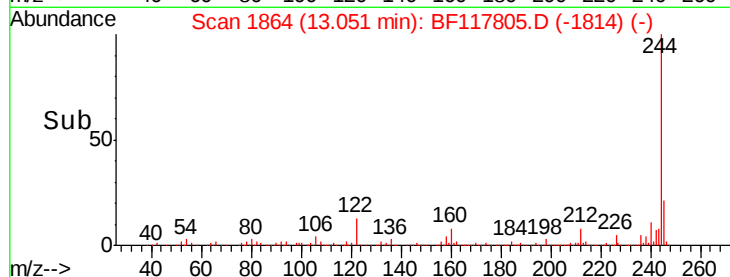
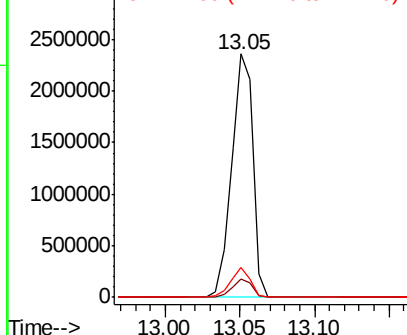
244 100

212 7.6 6.3 9.5

122 12.5 9.4 14.2



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: 15.62 min Scan# 2300

Delta R.T. -0.01 min

Lab File: BF117805.D

Acq: 15 Nov 2019 16:20

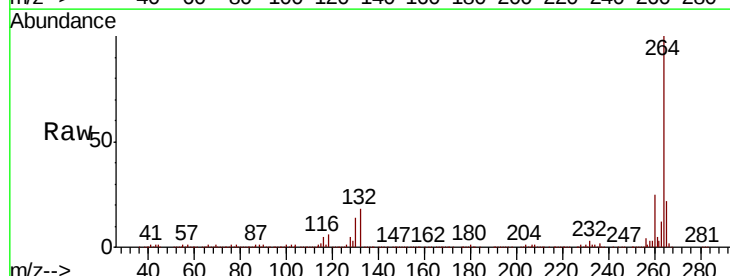
Tgt Ion:264 Resp: 640760

Ion Ratio Lower Upper

264 100

260 24.9 19.4 29.0

265 22.2 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

