

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112519\
 Data File : BF117983.D
 Acq On : 25 Nov 2019 23:20
 Operator : JU
 Sample : K5972-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-PILE

Quant Time: Nov 26 05:52:54 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 26 05:38:20 2019
 Response via : Initial Calibration

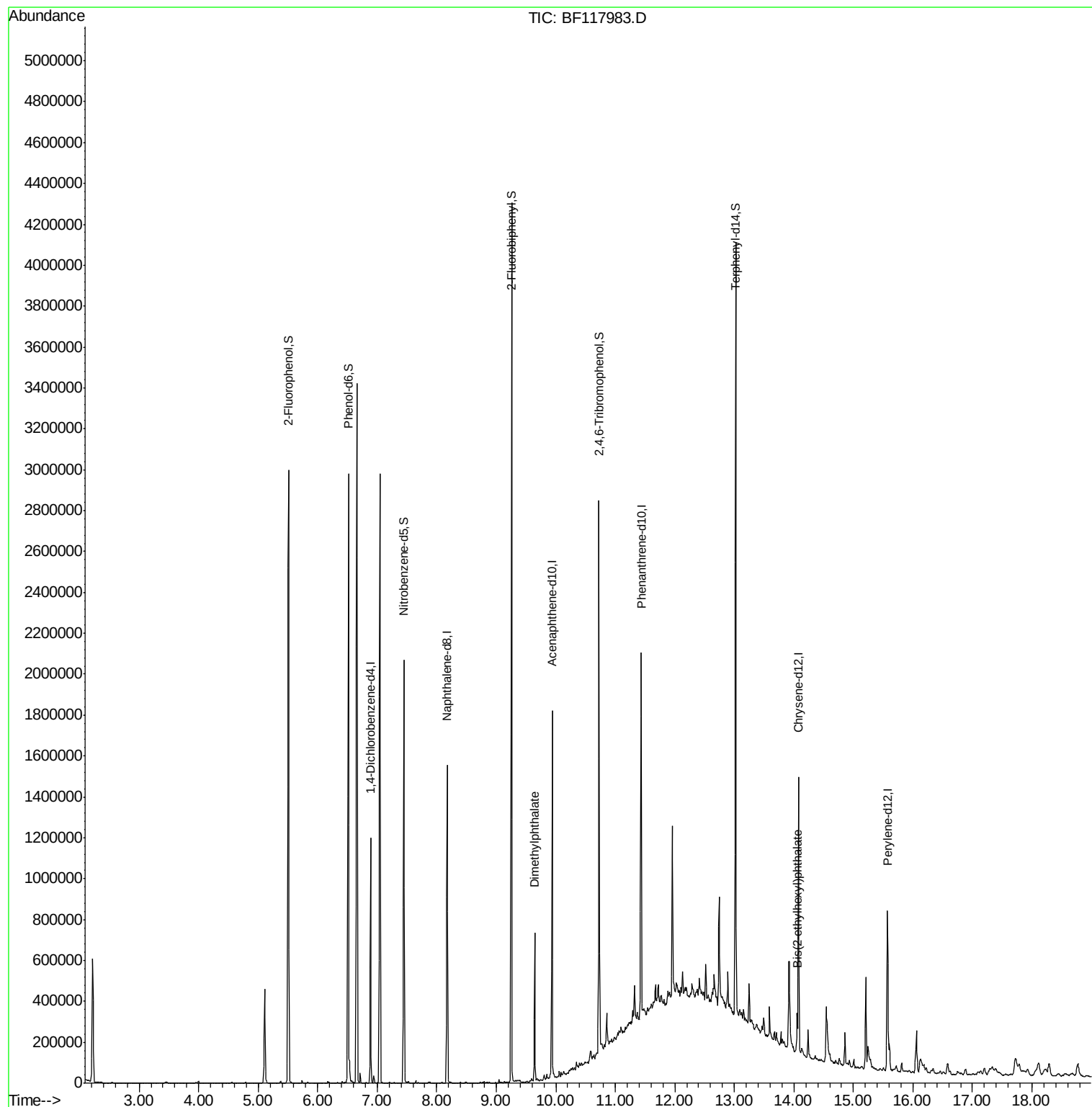
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	167088	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	681969	20.00	ng	0.00
39) Acenaphthene-d10	9.94	164	369285	20.00	ng	0.00
64) Phenanthrene-d10	11.43	188	648320	20.00	ng	0.00
76) Chrysene-d12	14.08	240	413247	20.00	ng	0.00
87) Perylene-d12	15.57	264	347309	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	861899	91.31	ng	0.01
7) Phenol-d6	6.52	99	1110606	97.55	ng	0.00
23) Nitrobenzene-d5	7.45	82	699049	60.93	ng	-0.01
42) 2,4,6-Tribromophenol	10.73	330	378977	96.94	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	1388518	67.46	ng	0.00
79) Terphenyl-d14	13.02	244	1411875	62.44	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.65	163	276959	10.695	ng	98
84) Bis(2-ethylhexyl)phthalate	14.06	149	58737	3.378	ng	95

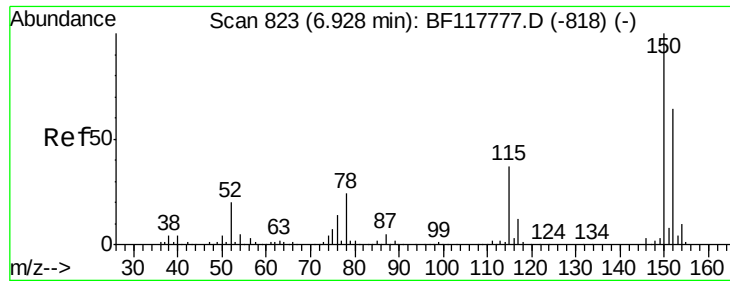
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112519\
Data File : BF117983.D
Acq On : 25 Nov 2019 23:20
Operator : JU
Sample : K5972-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SOIL-PILE

Quant Time: Nov 26 05:52:54 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 26 05:38:20 2019
Response via : Initial Calibration



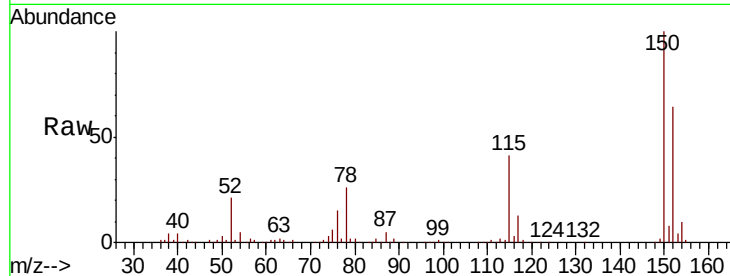


#1

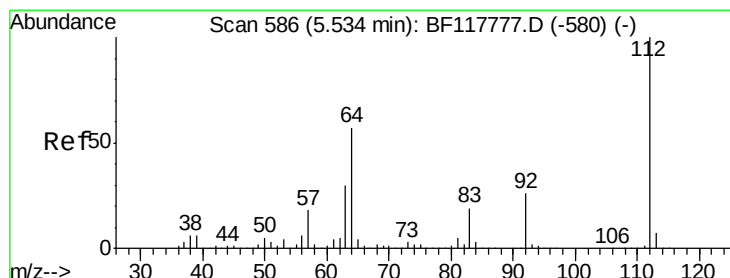
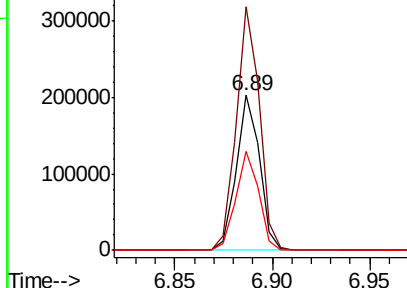
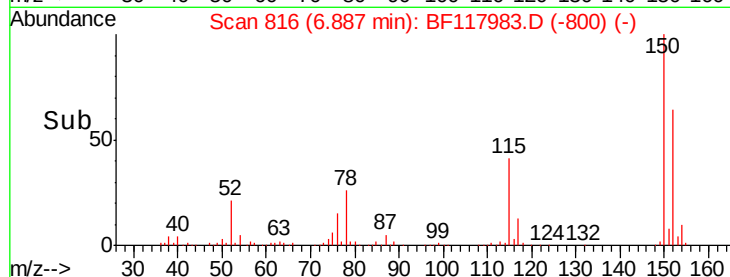
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.89 min Scan# 816
 Delta R.T. -0.01 min
 Lab File: BF117983.D
 Acq: 25 Nov 2019 23:20

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-PILE

Tot Ion:152 Resp: 167088
 Ion Ratio Lower Upper
 152 100
 150 156.9 125.3 187.9
 115 64.1 47.0 70.4



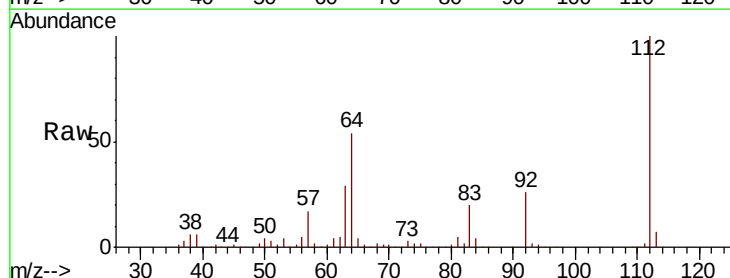
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



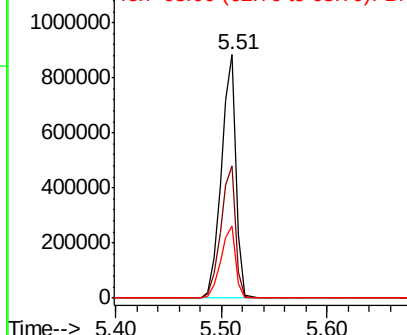
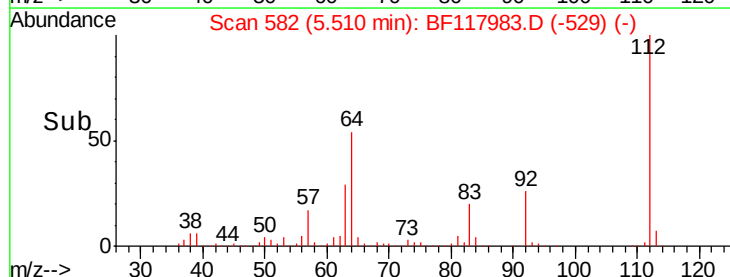
#5

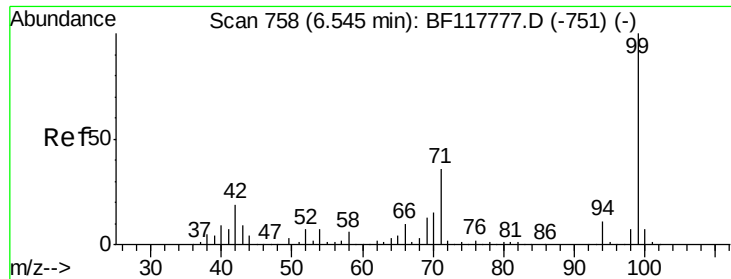
2-Fluorophenol
 Concen: 91.308 ng
 RT: 5.51 min Scan# 582
 Delta R.T. 0.01 min
 Lab File: BF117983.D
 Acq: 25 Nov 2019 23:20

Tgt Ion:112 Resp: 861899
 Ion Ratio Lower Upper
 112 100
 64 54.4 45.6 68.4
 63 29.5 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: 97.546 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF117983.D

Acq: 25 Nov 2019 23:20

Instrument :

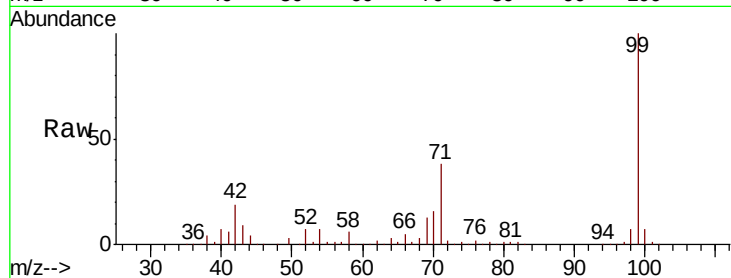
BNA_F

ClientSampled :

SOIL-PILE

Tot Ion: 99 Resp: 1110606

Ion	Ratio	Lower	Upper
99	100		
42	18.6	14.9	22.3
71	38.1	28.6	43.0

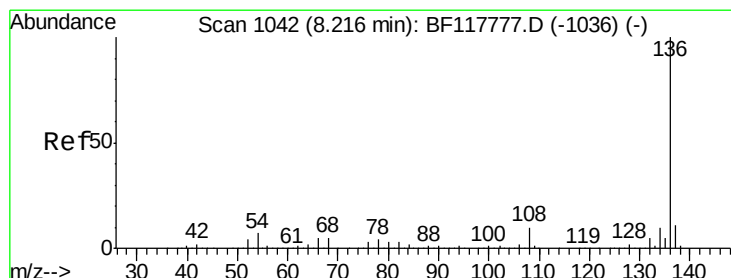
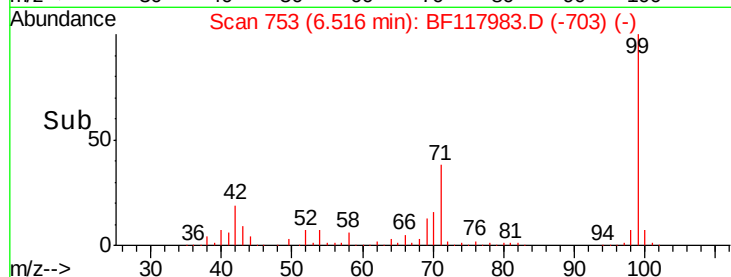


Abundance

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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.17 min Scan# 1035

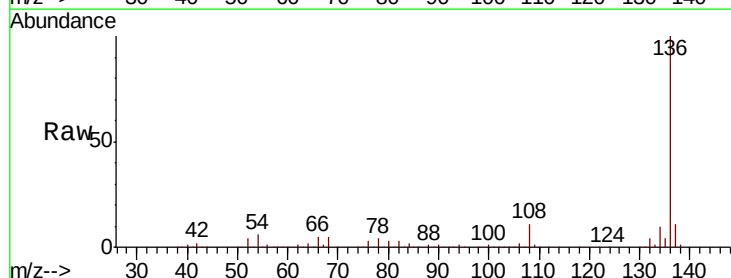
Delta R.T. -0.01 min

Lab File: BF117983.D

Acq: 25 Nov 2019 23:20

Tgt Ion: 136 Resp: 681969

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.4
54	6.4	5.4	8.2
68	4.7	4.3	6.5



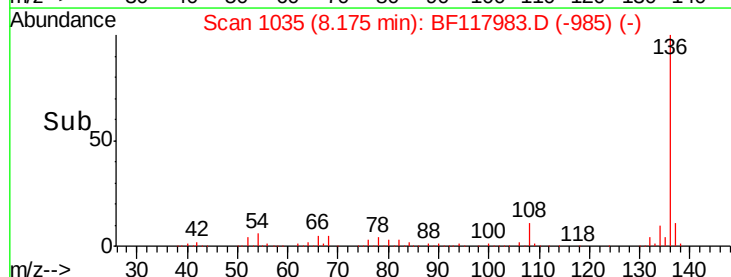
Abundance

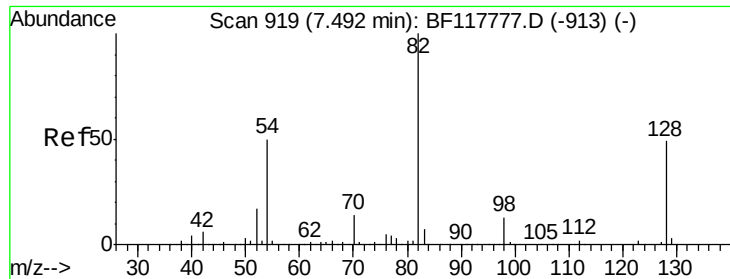
Ion 136.00 (135.70 to 136.70): E

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

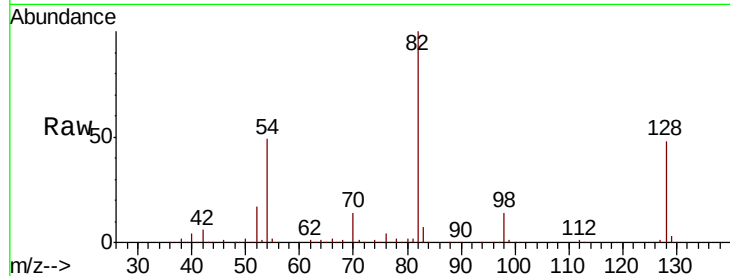




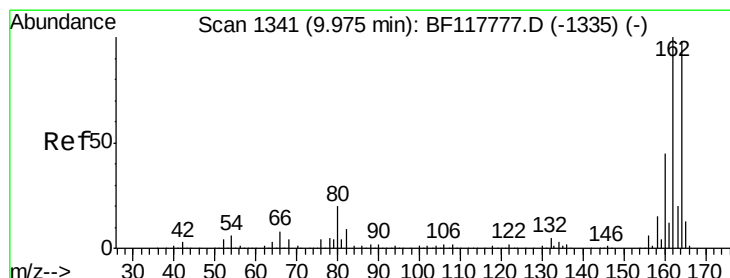
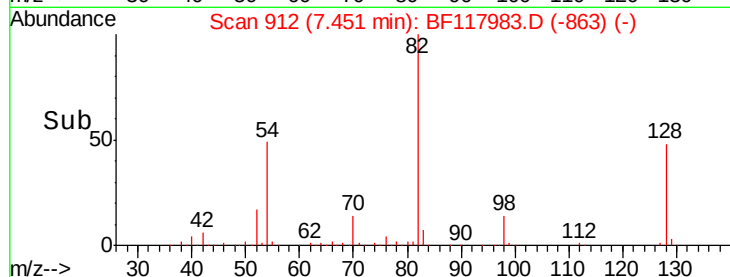
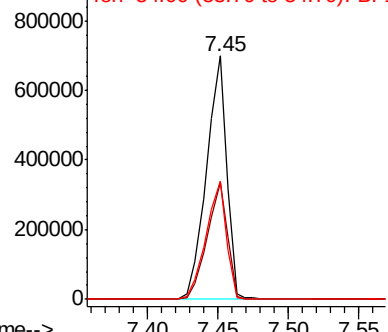
#23
Nitrobenzene-d5
Concen: 60.935 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BF117983.D
Acq: 25 Nov 2019 23:20

Instrument :
BNA_F
ClientSampleId :
SOIL-PILE

Tot Ion	Ratio	Lower	Upper
82	100		
128	48.2	38.9	58.3
54	48.7	39.8	59.6

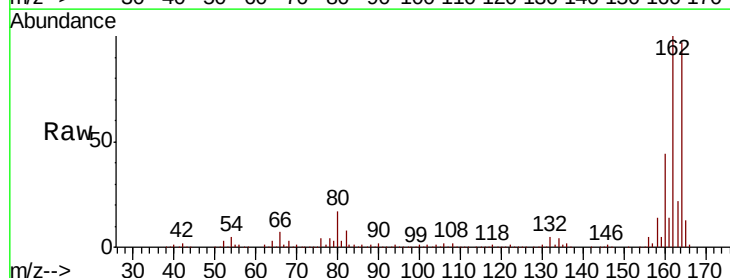


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

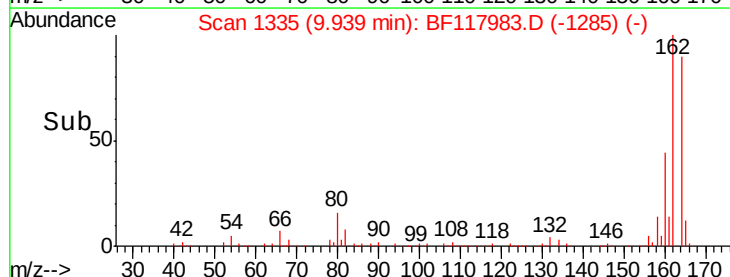
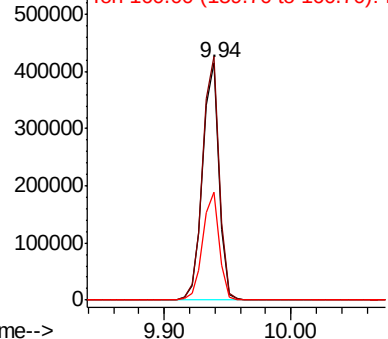


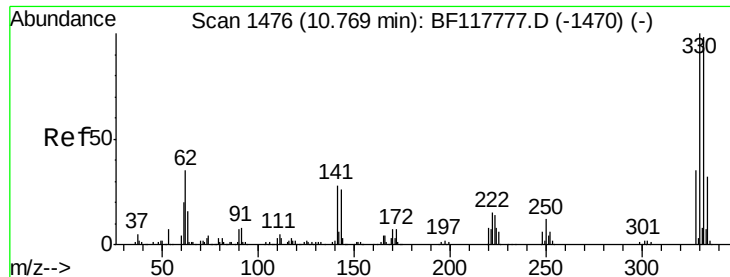
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BF117983.D
Acq: 25 Nov 2019 23:20

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.6	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: 96.935 ng

RT: 10.73 min Scan# 1470

Delta R.T. -0.01 min

Lab File: BF117983.D

Acq: 25 Nov 2019 23:20

Instrument :

BNA_F

ClientSampleId :

SOIL-PILE

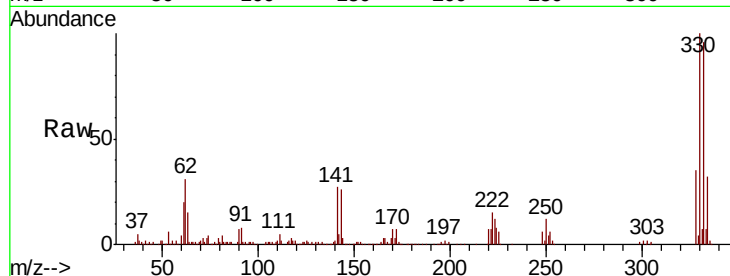
Tot Ion:330 Resp: 378977

Ion Ratio Lower Upper

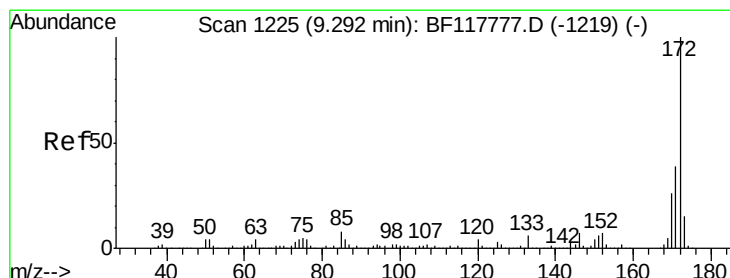
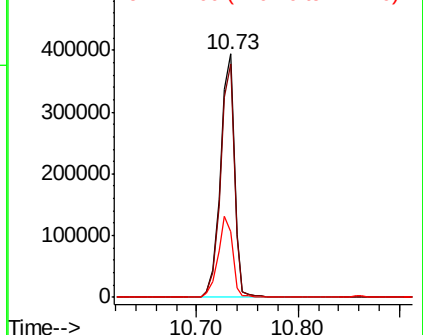
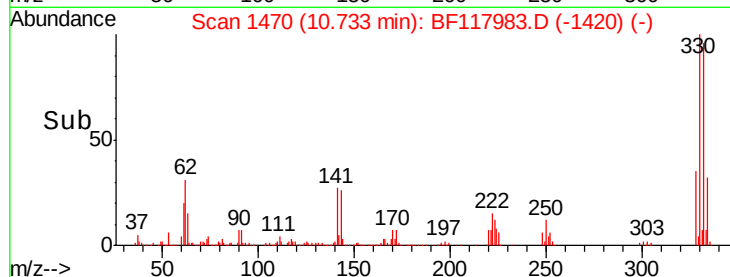
330 100

332 95.4 76.7 115.1

141 34.0 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: 67.456 ng

RT: 9.26 min Scan# 1219

Delta R.T. -0.01 min

Lab File: BF117983.D

Acq: 25 Nov 2019 23:20

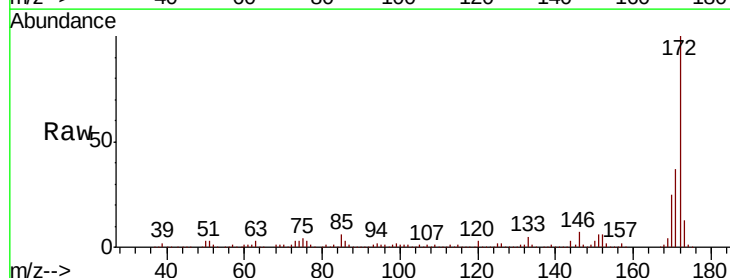
Tgt Ion:172 Resp: 1388518

Ion Ratio Lower Upper

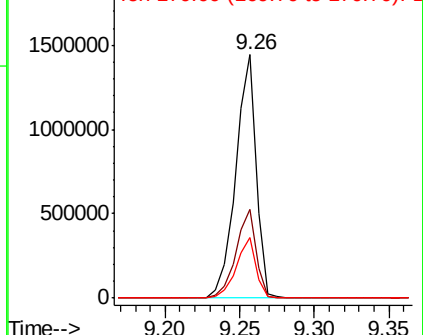
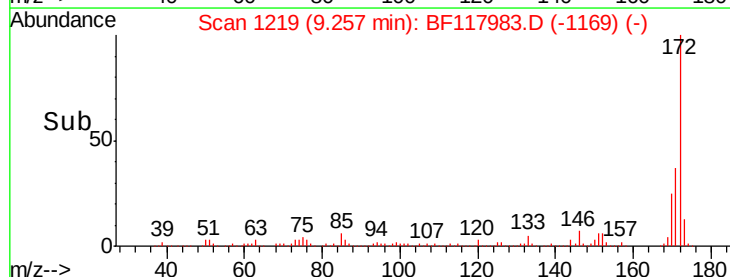
172 100

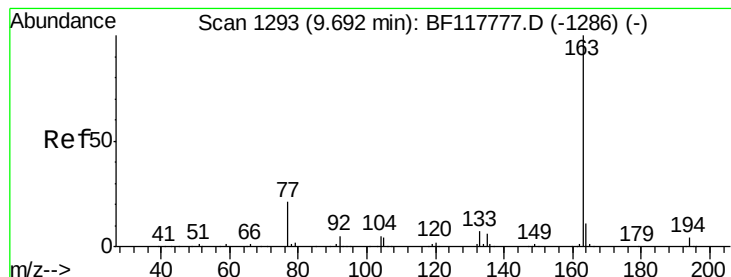
171 36.6 30.9 46.3

170 24.7 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: 10.695 ng

RT: 9.65 min Scan# 1285

Delta R.T. -0.02 min

Lab File: BF117983.D

Acq: 25 Nov 2019 23:20

Instrument :

BNA_F

ClientSampleId :

SOIL-PILE

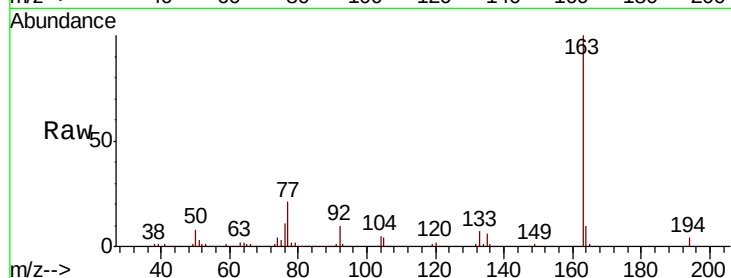
Tot Ion:163 Resp: 276959

Ion Ratio Lower Upper

163 100

194 3.9 3.3 4.9

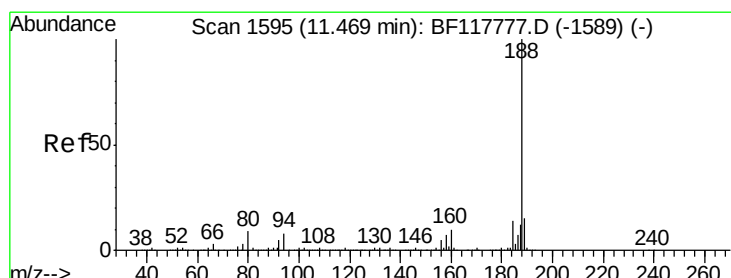
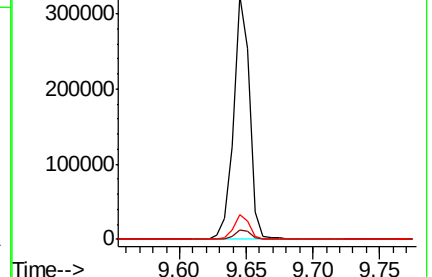
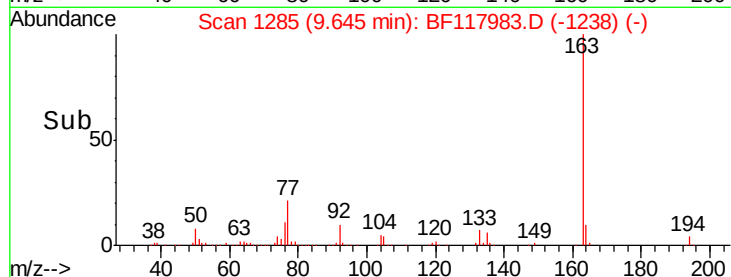
164 10.2 8.7 13.1



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: 11.43 min Scan# 1589

Delta R.T. 0.00 min

Lab File: BF117983.D

Acq: 25 Nov 2019 23:20

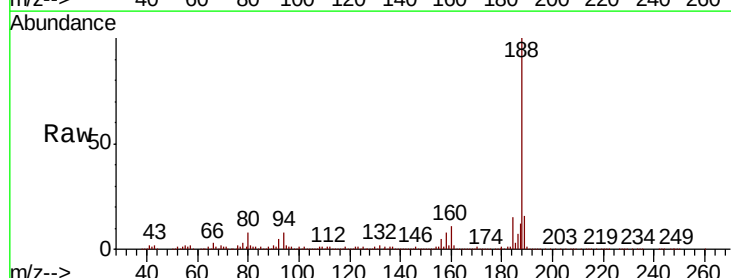
Tgt Ion:188 Resp: 648320

Ion Ratio Lower Upper

188 100

94 7.8 6.6 10.0

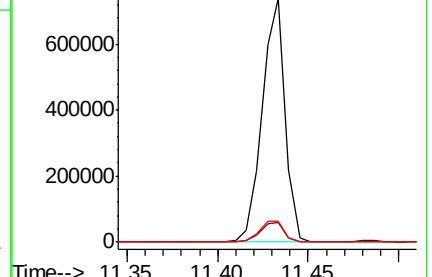
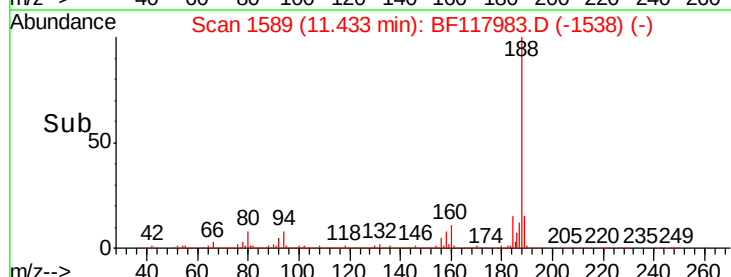
80 8.4 7.2 10.8

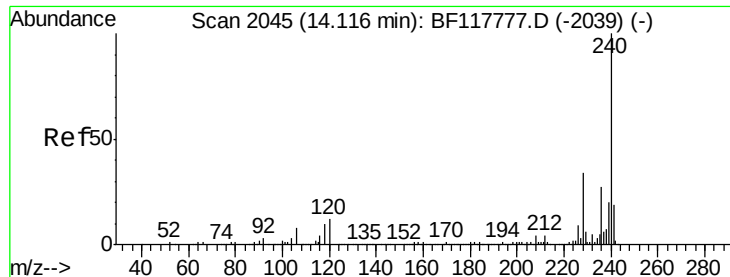


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

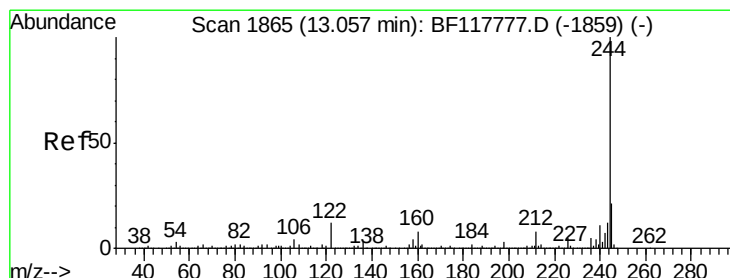
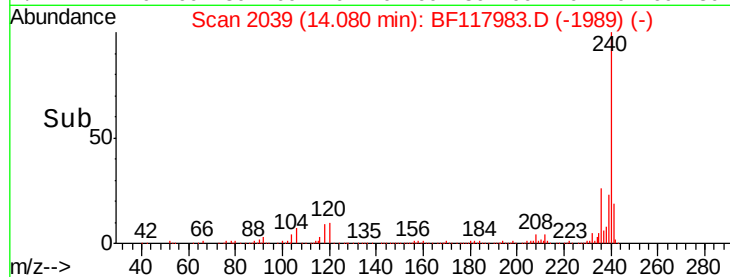
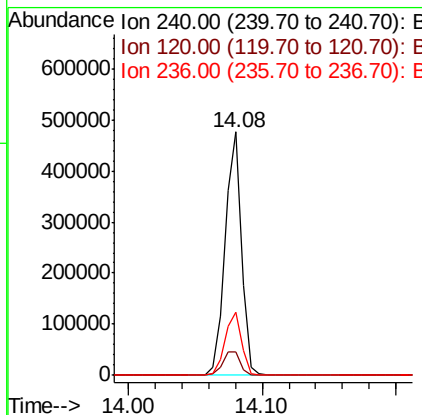
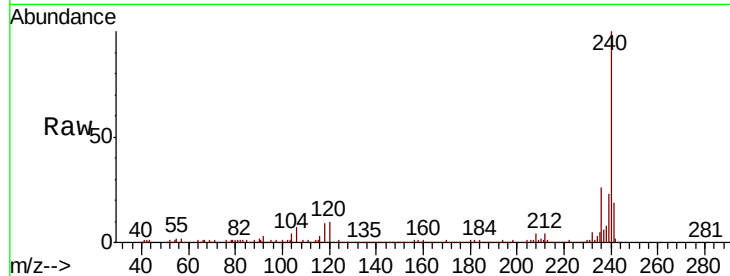




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.08 min Scan# 2039
 Delta R.T. -0.01 min
 Lab File: BF117983.D
 Acq: 25 Nov 2019 23:20

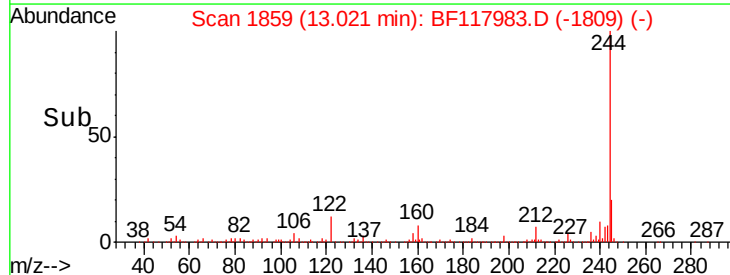
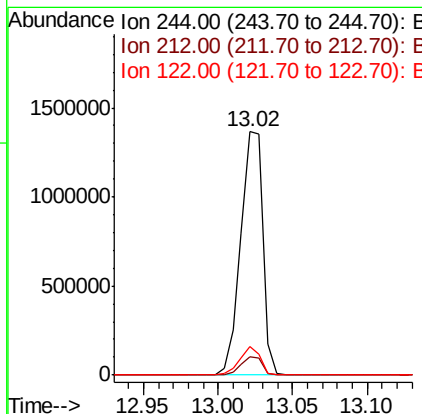
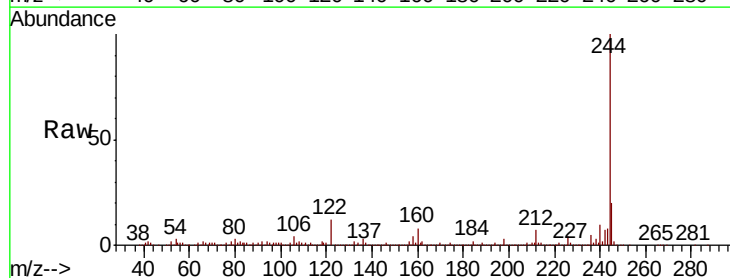
Instrument :
 BNA_F
 ClientSampleId :
 SOIL-PILE

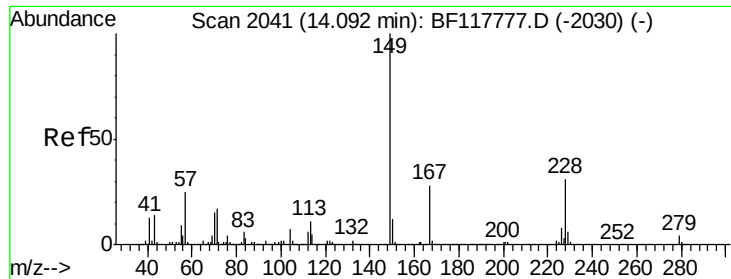
Tot Ion:240 Resp: 413247
 Ion Ratio Lower Upper
 240 100
 120 9.8 9.5 14.3
 236 25.9 21.3 31.9



#79
 Terphenyl-d14
 Concen: 62.441 ng
 RT: 13.02 min Scan# 1859
 Delta R.T. -0.01 min
 Lab File: BF117983.D
 Acq: 25 Nov 2019 23:20

Tgt Ion:244 Resp: 1411875
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.3 9.5
 122 11.8 9.4 14.2





#84

Bis(2-ethylhexyl)phthalate

Concen: 3.378 ng

RT: 14.06 min Scan# 2035

Delta R.T. 0.00 min

Lab File: BF117983.D

Acq: 25 Nov 2019 23:20

Instrument :

BNA_F

ClientSampleId :

SOIL-PILE

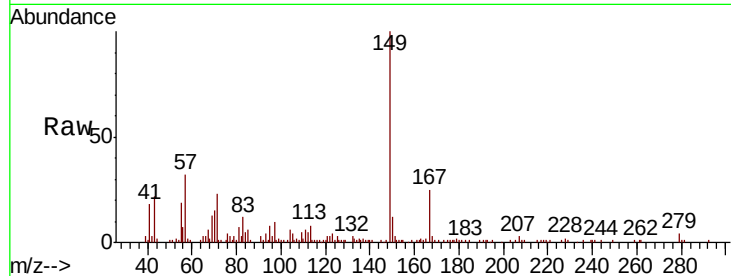
Tot Ion:149 Resp: 58737

Ion Ratio Lower Upper

149 100

167 24.9 22.2 33.2

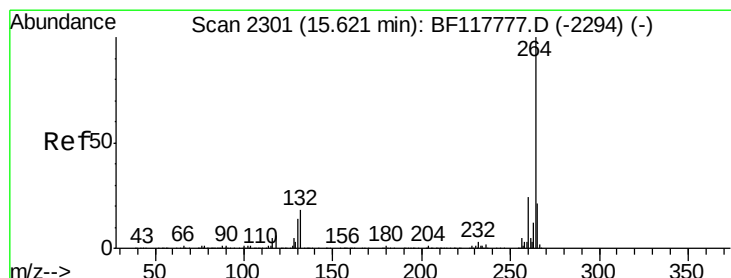
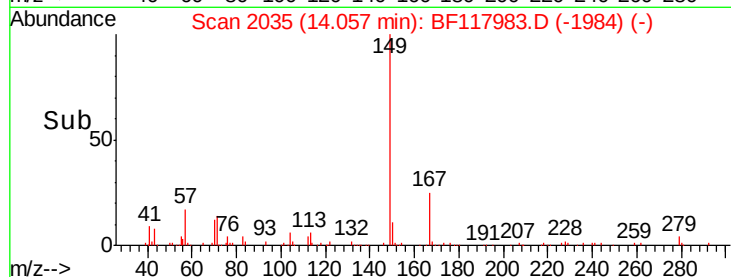
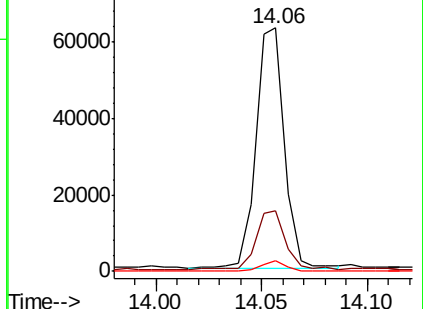
279 4.3 3.4 5.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.57 min Scan# 2293

Delta R.T. -0.01 min

Lab File: BF117983.D

Acq: 25 Nov 2019 23:20

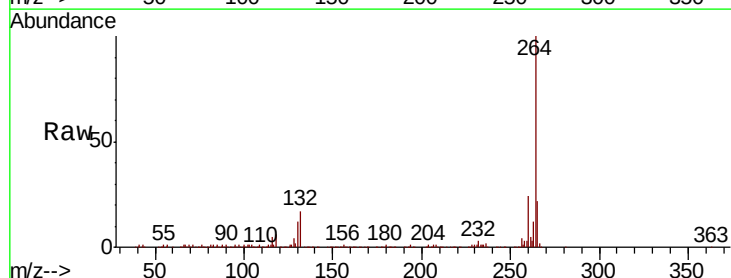
Tgt Ion:264 Resp: 347309

Ion Ratio Lower Upper

264 100

260 24.3 19.4 29.0

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

