

Data File : BP000067.D
Acq On : 04 Sep 2019 15:26
Operator : HP/JU
Sample : K4639-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SS-01

Quant Time: Sep 05 05:51:37 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 30 17:47:17 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	463514	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	1722819	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	949895	20.00	ng	-0.01
64) Phenanthrene-d10	11.43	188	1731329	20.00	ng	0.00
76) Chrysene-d12	14.10	240	1419929	20.00	ng	-0.01
87) Perylene-d12	15.62	264	1512158	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	3001904	103.27	ng	0.00
7) Phenol-d6	6.51	99	3888943	105.98	ng	0.00
23) Nitrobenzene-d5	7.45	82	2156353	76.80	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	962626	120.23	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	4378669	76.98	ng	0.00
79) Terphenyl-d14	13.04	244	4911455	75.39	ng	0.00

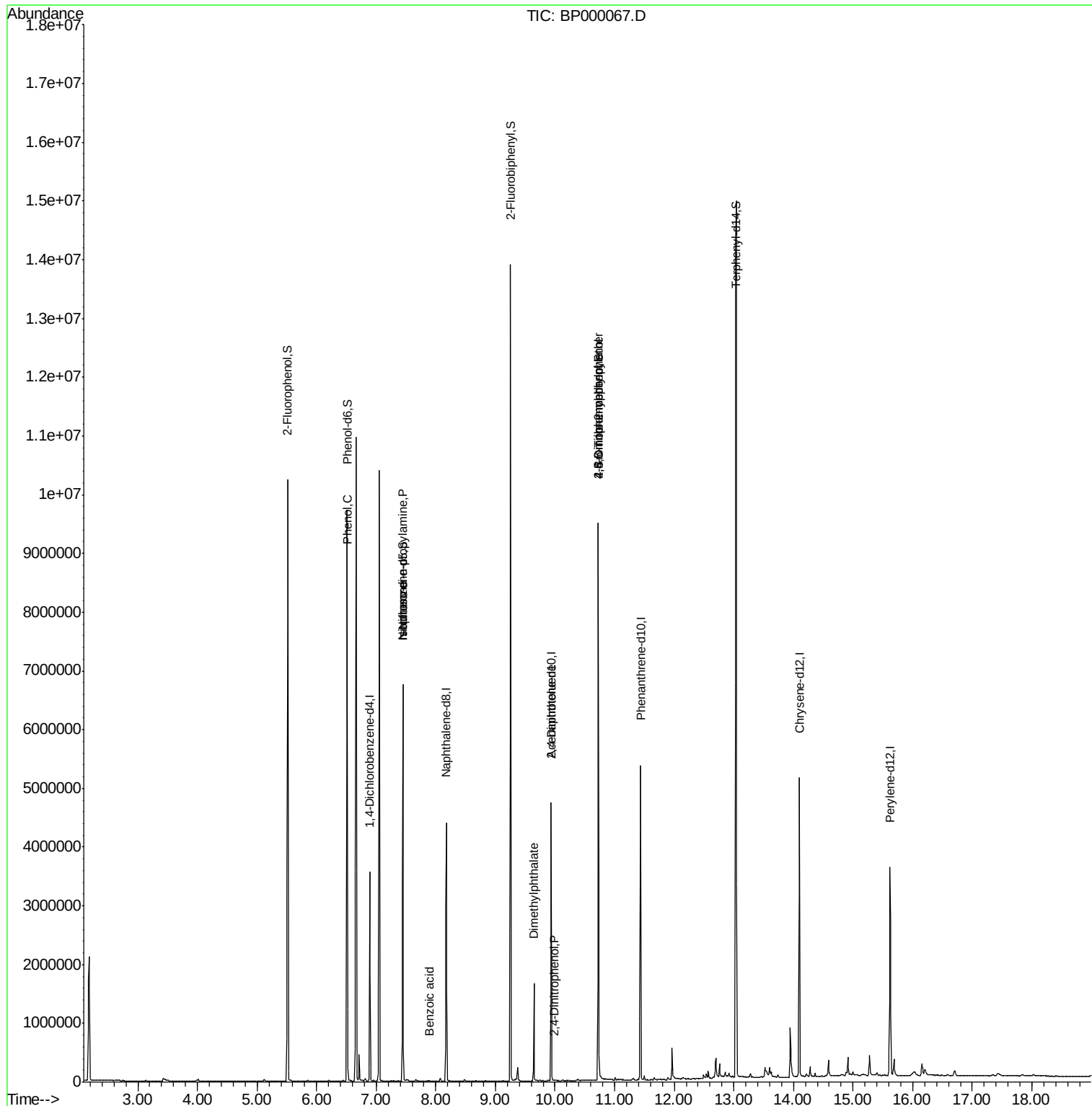
Target Compounds				Qvalue		
10) Phenol	6.52	94	116019	2.846	ng	94
19) n-Nitroso-di-n-propylamine	7.45	70	268854	12.874	ng	# 78
25) Isophorone	7.45	82	2156359	36.348	ng	# 66
32) Benzoic acid	7.90	122	39	8.064	ng	# 1
50) Dimethylphthalate	9.65	163	581980	8.991	ng	99
54) 2,4-Dinitrophenol	9.98	184	79	8.662	ng	# 34
57) 2,4-Dinitrotoluene	9.93	165	124545	7.100	ng	# 20
65) 4,6-Dinitro-2-methylphenol	10.73	198	3162	8.122	ng	# 1
67) 4-Bromophenyl-phenylether	10.73	248	70973	4.034	ng	# 1
69) Atrazine	11.14	200	18	Below Cal	#	1

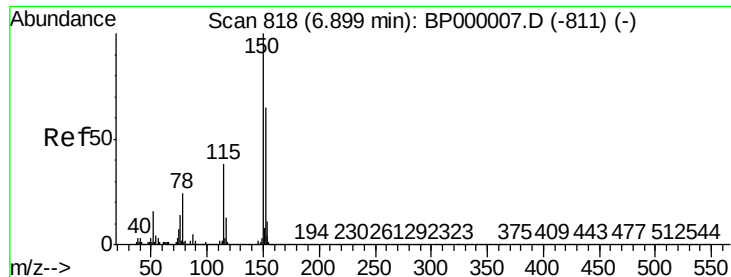
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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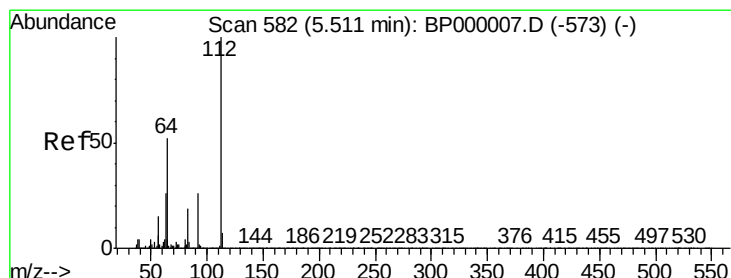
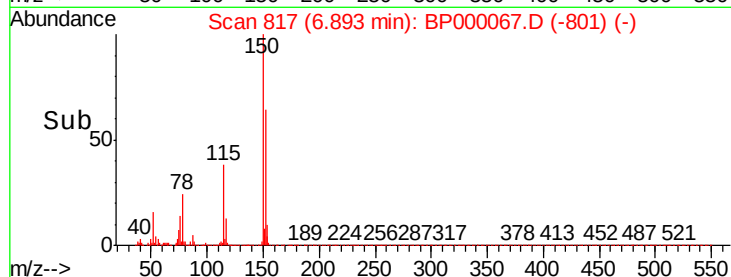
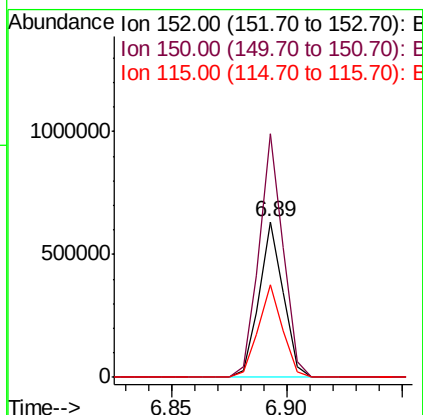
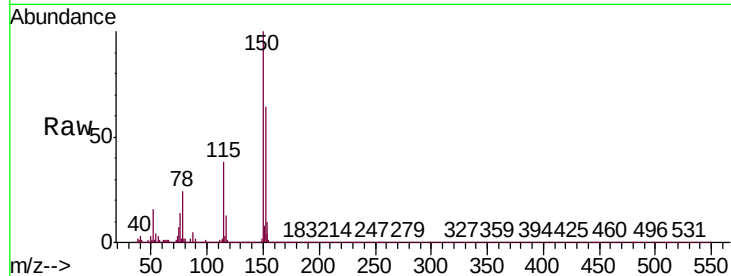


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BP000067.D
Acq: 04 Sep 2019 15:26

Instrument :
BNA_P
ClientSampleId :
SS-01

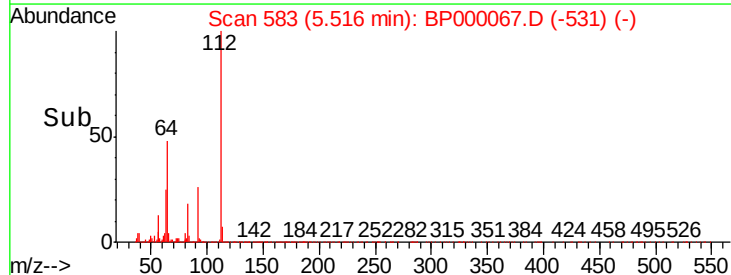
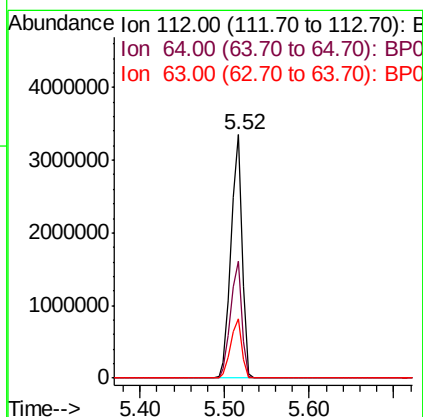
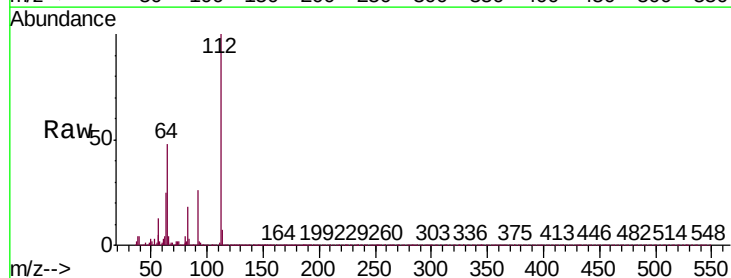
Tgt Ion	Ratio	Lower	Upper
152	100		
150	156.1	123.0	184.6
115	59.7	46.7	70.1

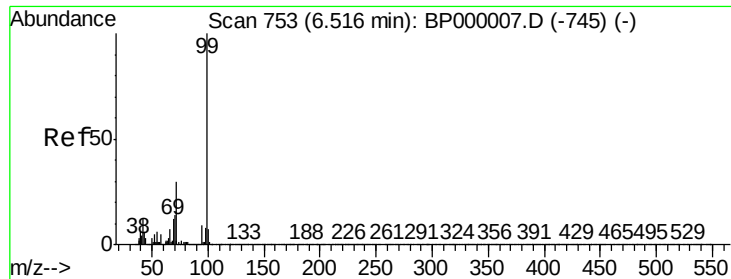


#5

2-Fluorophenol
Concen: 103.274 ng
RT: 5.52 min Scan# 583
Delta R.T. 0.01 min
Lab File: BP000067.D
Acq: 04 Sep 2019 15:26

Tgt Ion	Ratio	Lower	Upper
112	100		
64	48.2	41.8	62.8
63	24.5	21.0	31.4





#7

Phenol-d6

Concen: 105.980 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BP000067.D

Acq: 04 Sep 2019 15:26

Instrument :

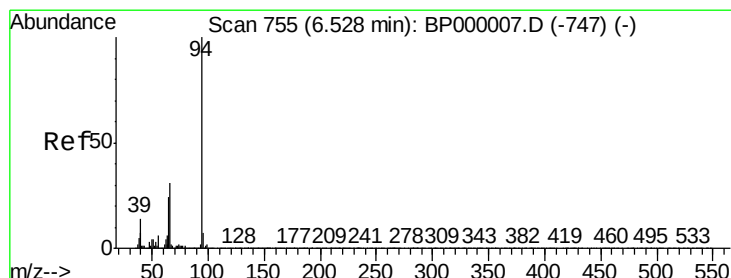
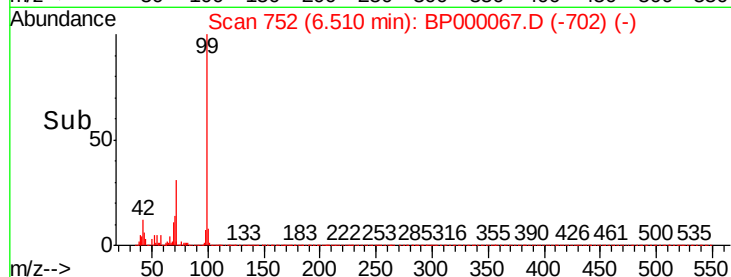
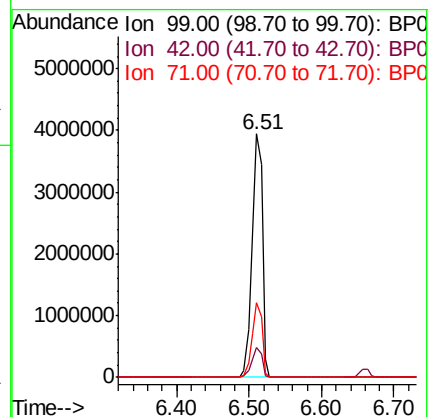
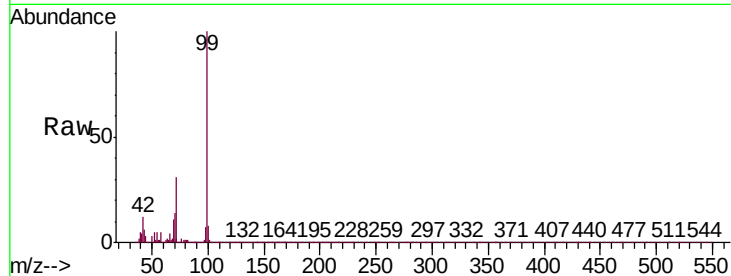
BNA_P

ClientSampled :

SS-01

Tgt Ion: 99 Resp: 3888943

Ion	Ratio	Lower	Upper
99	100		
42	12.3	9.8	14.8
71	30.6	23.8	35.8



#10

Phenol

Concen: 2.846 ng

RT: 6.52 min Scan# 754

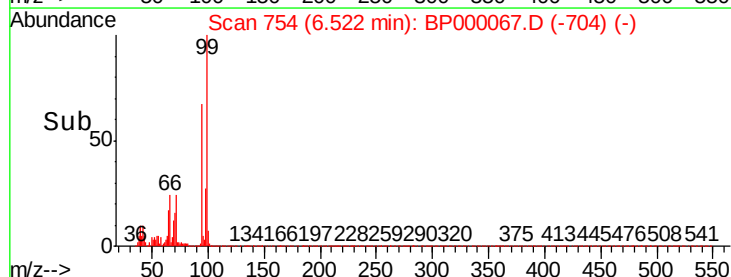
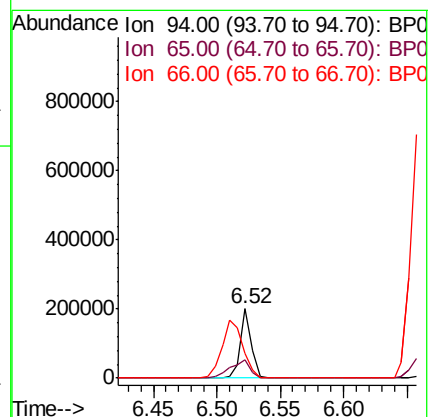
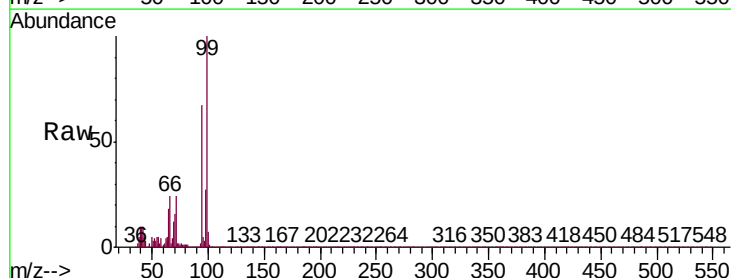
Delta R.T. -0.01 min

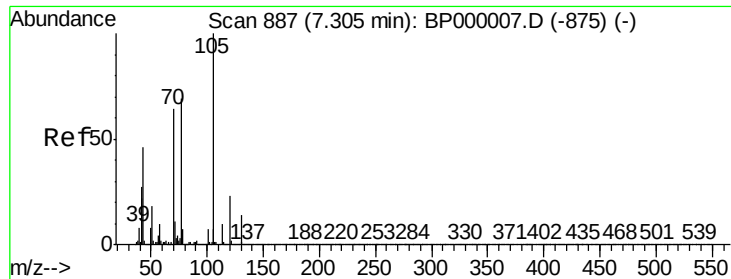
Lab File: BP000067.D

Acq: 04 Sep 2019 15:26

Tgt Ion: 94 Resp: 116019

Ion	Ratio	Lower	Upper
94	100		
65	26.1	4.1	44.1
66	35.7	11.4	51.4

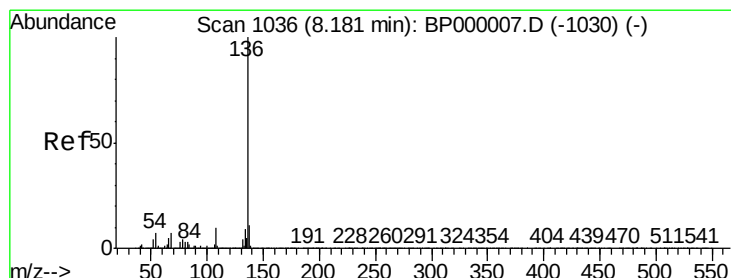
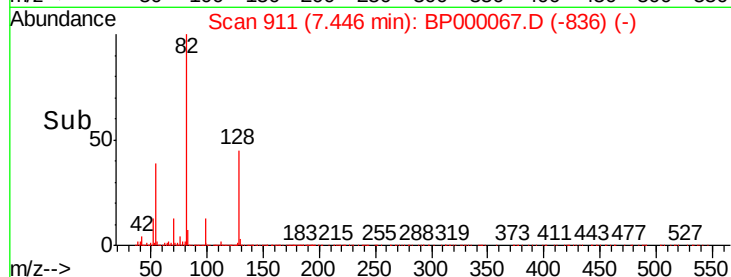
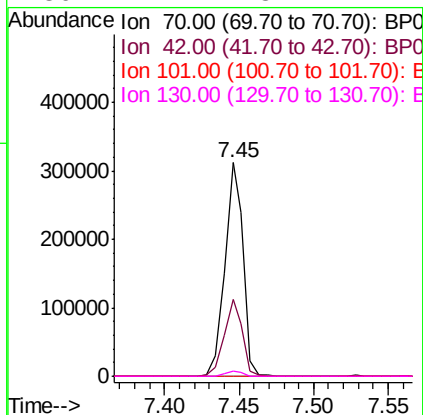
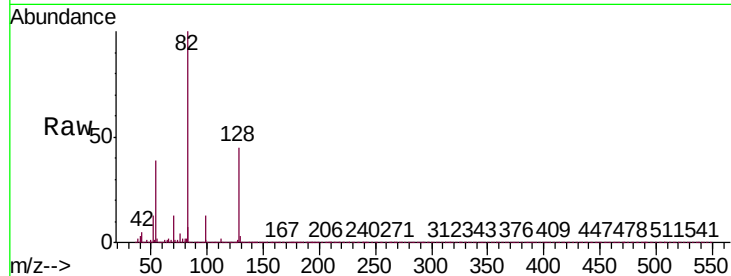




#19
n-Nitroso-di-n-propylamine
Concen: 12.874 ng
RT: 7.45 min Scan# 911
Delta R.T. 0.14 min
Lab File: BP000067.D
Acq: 04 Sep 2019 15:26

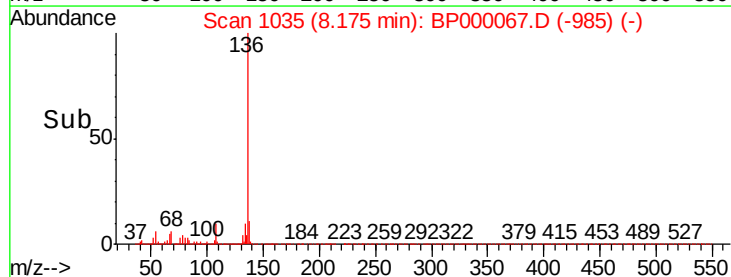
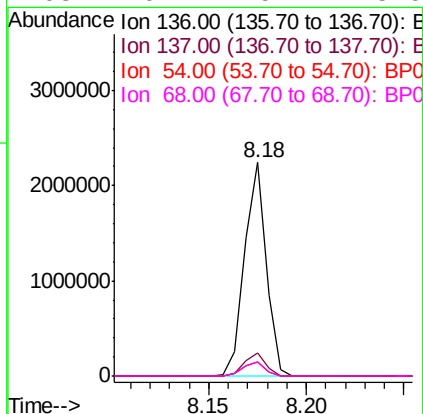
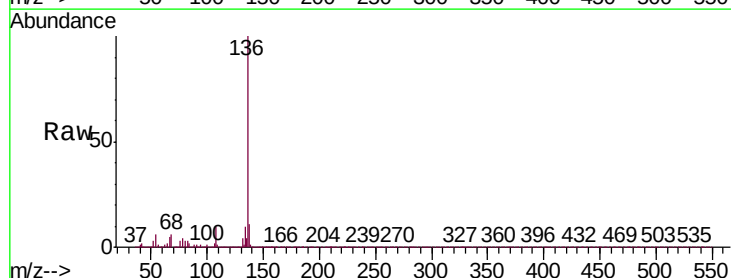
Instrument :
BNA_P
ClientSampleID :
SS-01

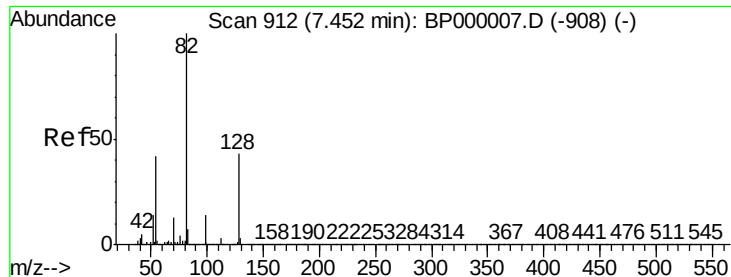
Tgt Ion:	70	Resp:	268854
Ion	Ratio	Lower	Upper
70	100		
42	35.9	33.8	50.6
101	0.0	8.7	13.1#
130	2.4	18.1	27.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.18 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BP000067.D
Acq: 04 Sep 2019 15:26

Tgt Ion:	136	Resp:	1722819
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	6.4	5.4	8.2
68	6.4	5.4	8.0

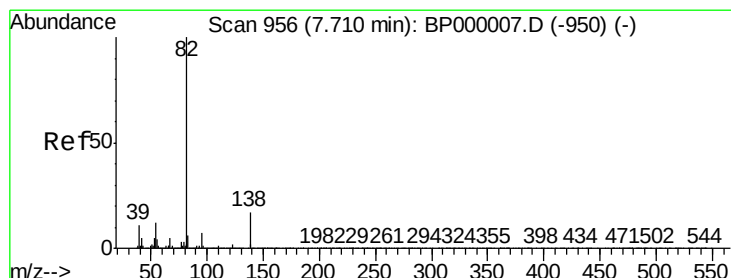
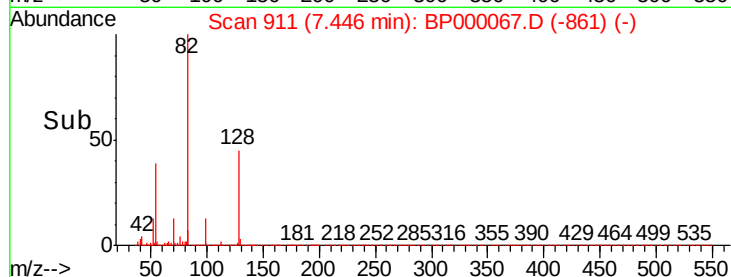
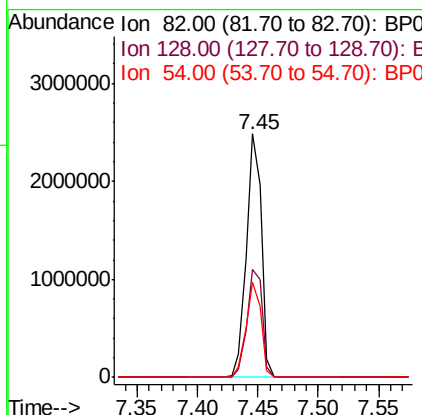
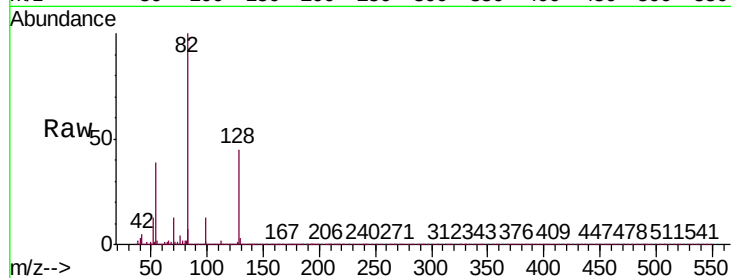




#23
 Nitrobenzene-d5
 Concen: 76.801 ng
 RT: 7.45 min Scan# 911
 Delta R.T. -0.01 min
 Lab File: BP000067.D
 Acq: 04 Sep 2019 15:26

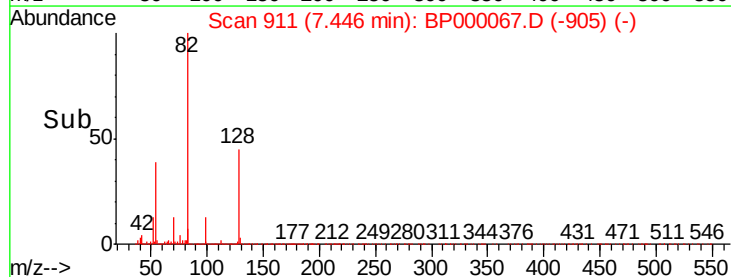
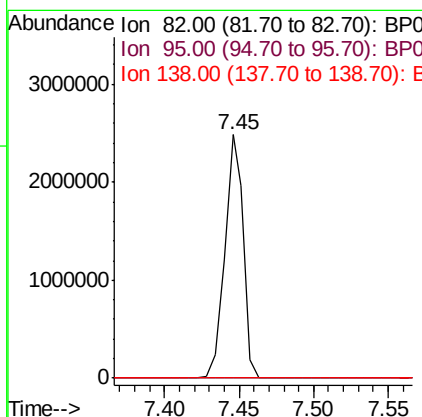
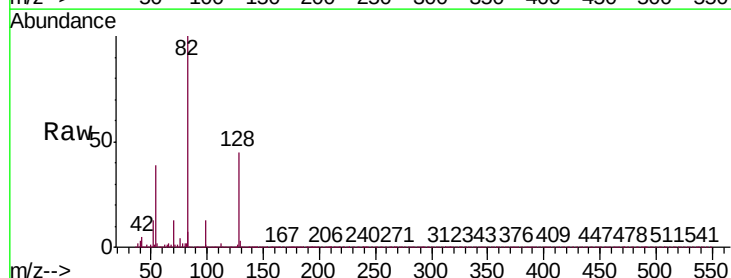
Instrument :
 BNA_P
 ClientSampleId :
 SS-01

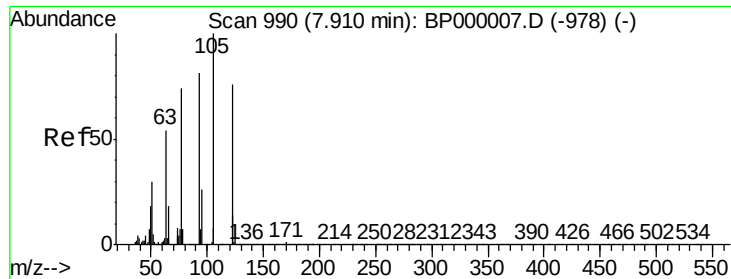
Tgt Ion: 82 Resp: 2156353
 Ion Ratio Lower Upper
 82 100
 128 44.5 34.5 51.7
 54 39.3 33.2 49.8



#25
 Isophorone
 Concen: 36.348 ng
 RT: 7.45 min Scan# 911
 Delta R.T. -0.26 min
 Lab File: BP000067.D
 Acq: 04 Sep 2019 15:26

Tgt Ion: 82 Resp: 2156359
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.6 8.4#
 138 0.0 13.8 20.6#

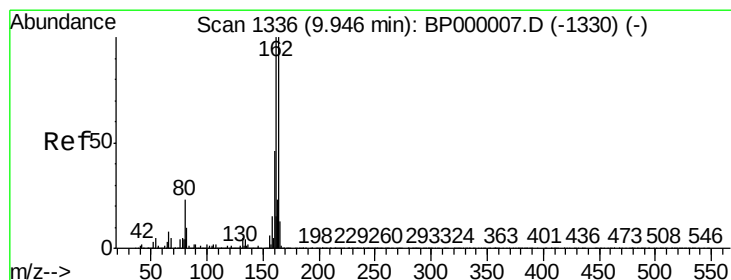
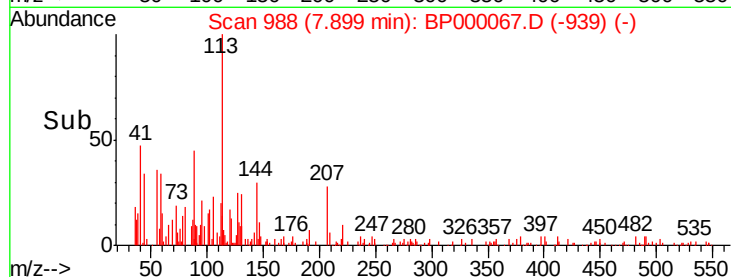
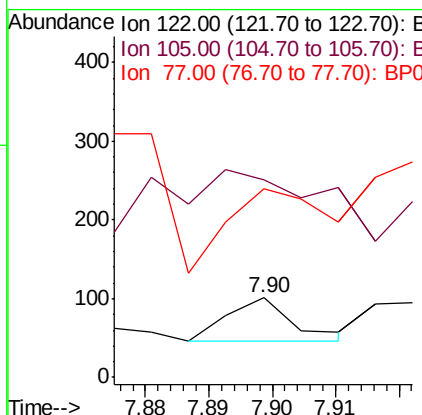
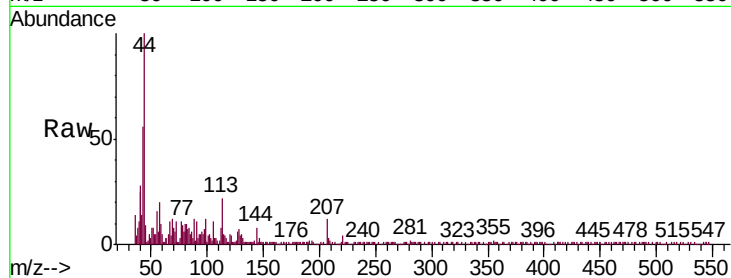




#32
Benzoic acid
Concen: 8.064 ng
RT: 7.90 min Scan# 988
Delta R.T. -0.01 min
Lab File: BP000067.D
Acq: 04 Sep 2019 15:26

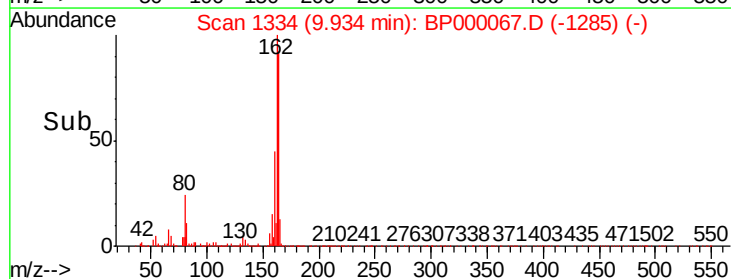
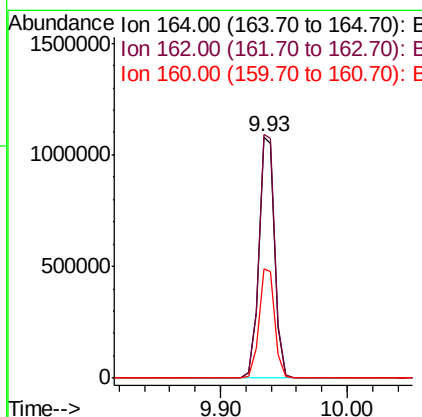
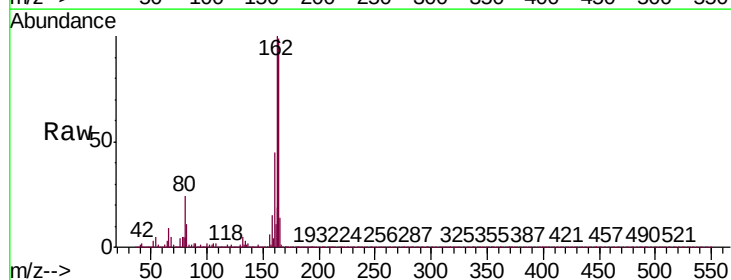
Instrument :
BNA_P
ClientSampleId :
SS-01

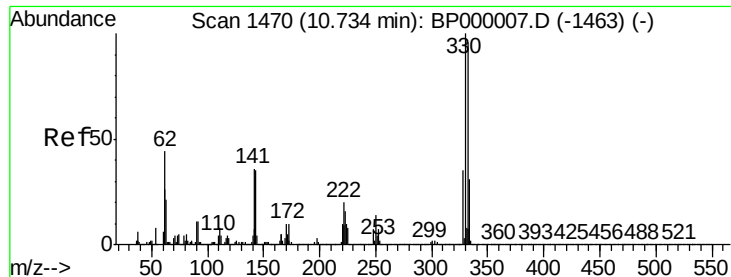
Tgt Ion	Ratio	Lower	Upper
122	100		
105	248.5	104.6	144.6
77	237.6	74.1	114.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BP000067.D
Acq: 04 Sep 2019 15:26

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.9	80.2	120.4
160	45.1	36.6	55.0

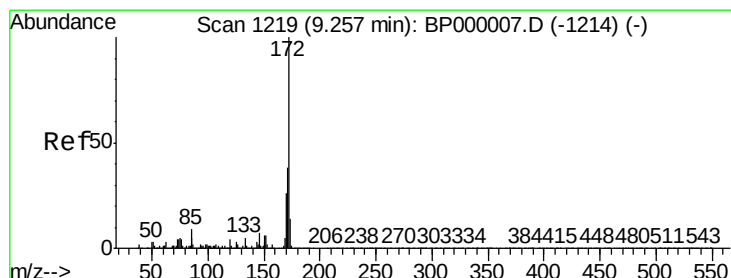
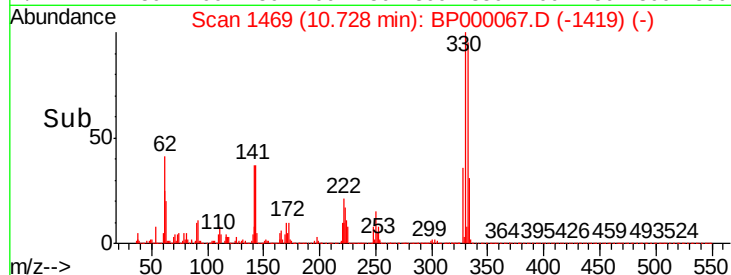
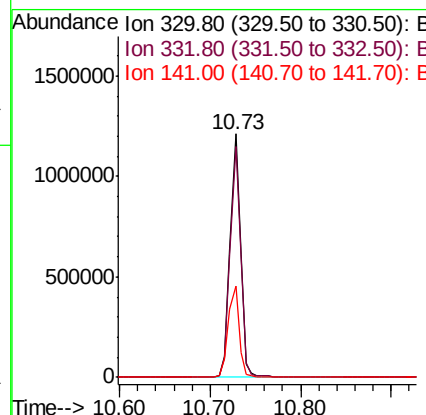
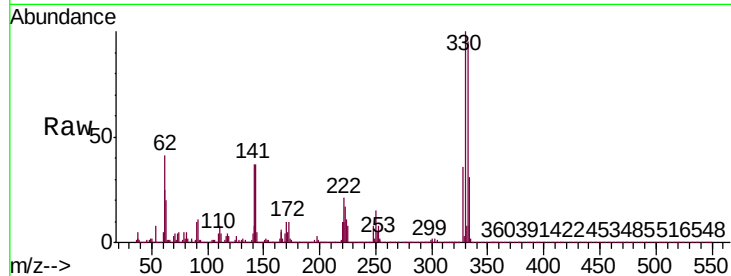




#42
 2,4,6-Tribromophenol
 Concen: 120.228 ng
 RT: 10.73 min Scan# 1469
 Delta R.T. -0.01 min
 Lab File: BP000067.D
 Acq: 04 Sep 2019 15:26

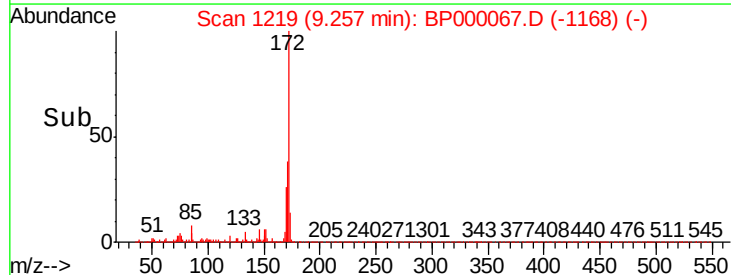
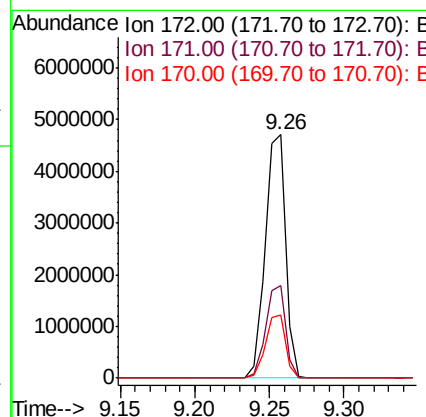
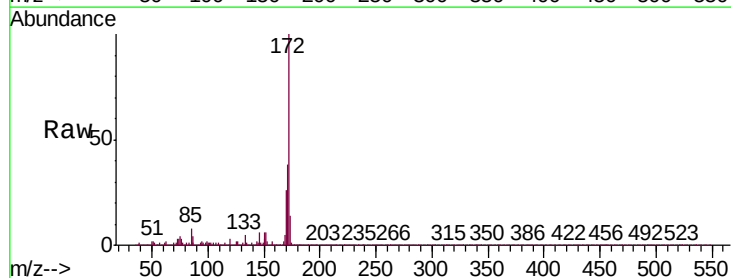
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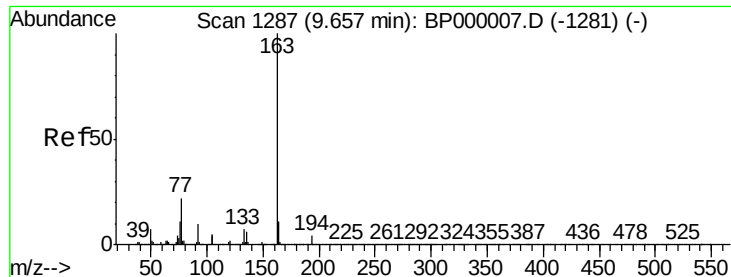
Tgt Ion: 330 Resp: 962626
 Ion Ratio Lower Upper
 330 100
 332 95.5 76.8 115.2
 141 39.0 33.6 50.4



#45
 2-Fluorobiphenyl
 Concen: 76.981 ng
 RT: 9.26 min Scan# 1219
 Delta R.T. -0.00 min
 Lab File: BP000067.D
 Acq: 04 Sep 2019 15:26

Tgt Ion: 172 Resp: 4378669
 Ion Ratio Lower Upper
 172 100
 171 38.1 30.7 46.1
 170 25.8 20.7 31.1

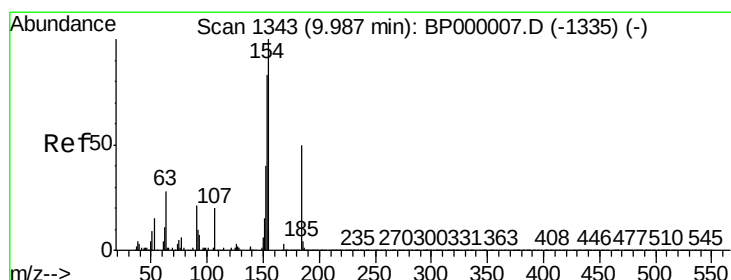
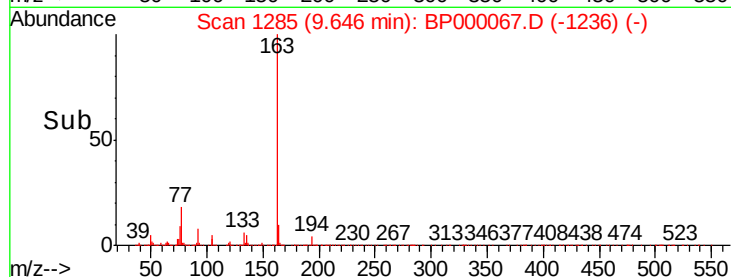
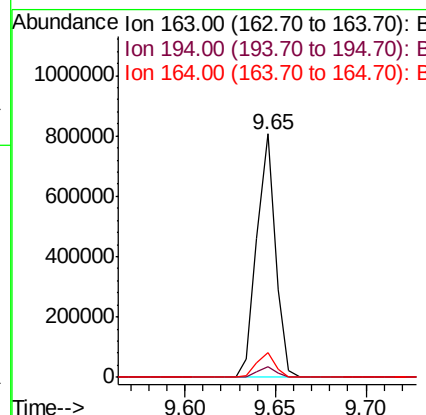
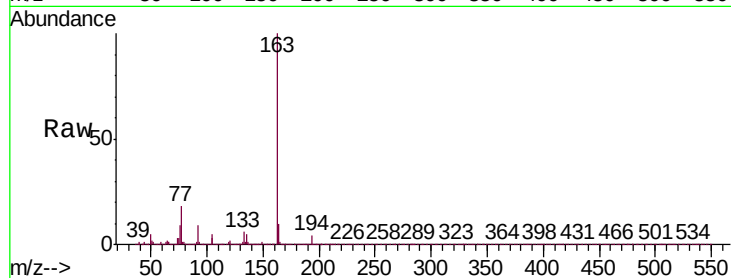




#50
Dimethylphthalate
Concen: 8.991 ng
RT: 9.65 min Scan# 1285
Delta R.T. -0.01 min
Lab File: BP000067.D
Acq: 04 Sep 2019 15:26

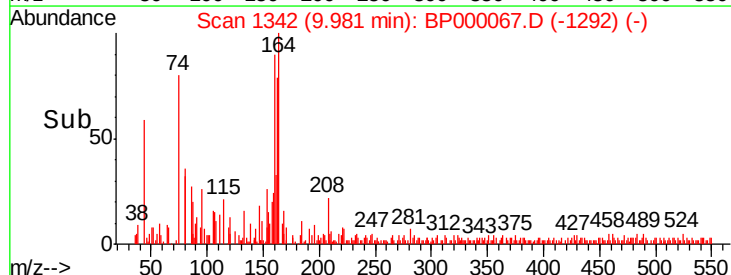
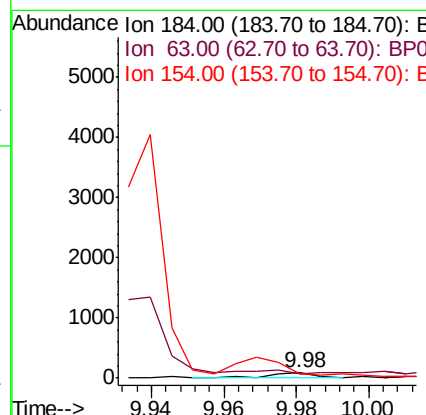
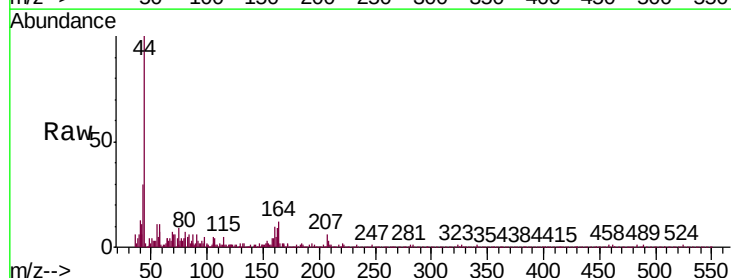
Instrument :
BNA_P
ClientSampled :
SS-01

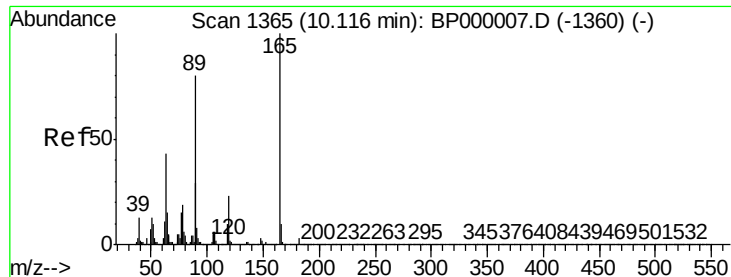
Tgt Ion:163 Resp: 581980
Ion Ratio Lower Upper
163 100
194 4.2 3.3 4.9
164 10.1 8.4 12.6



#54
2,4-Dinitrophenol
Concen: 8.662 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BP000067.D
Acq: 04 Sep 2019 15:26

Tgt Ion:184 Resp: 79
Ion Ratio Lower Upper
184 100
63 96.3 46.0 69.0#
154 95.1 161.9 242.9#

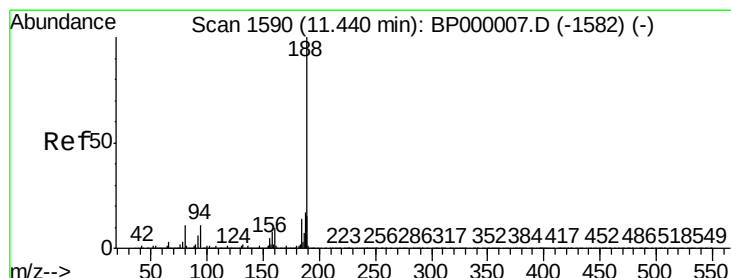
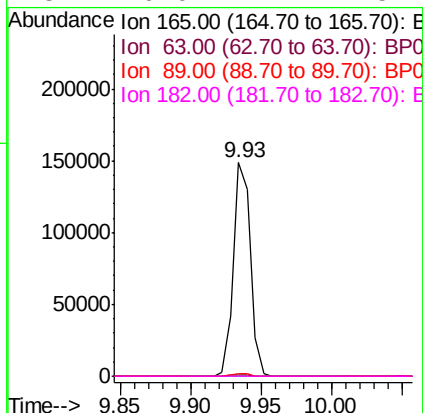
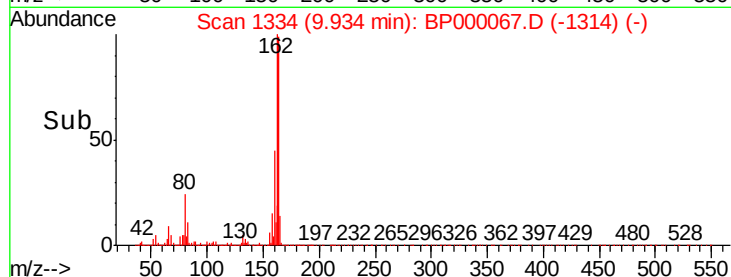
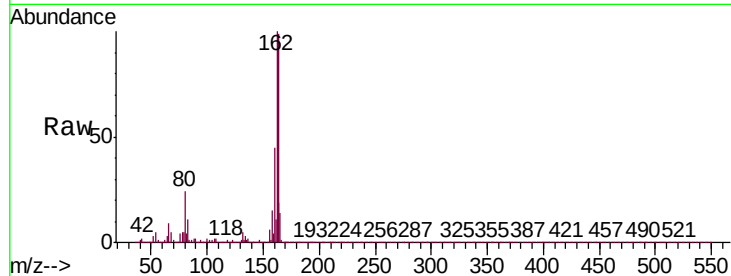




#57
2,4-Dinitrotoluene
Concen: 7.100 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.18 min
Lab File: BP000067.D
Acq: 04 Sep 2019 15:26

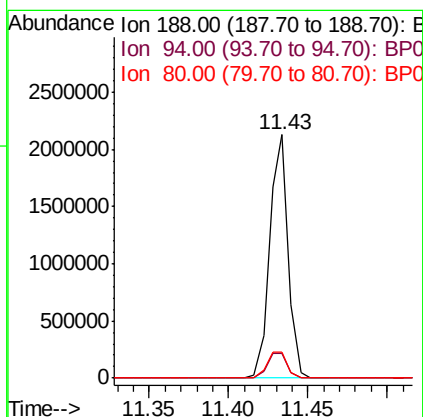
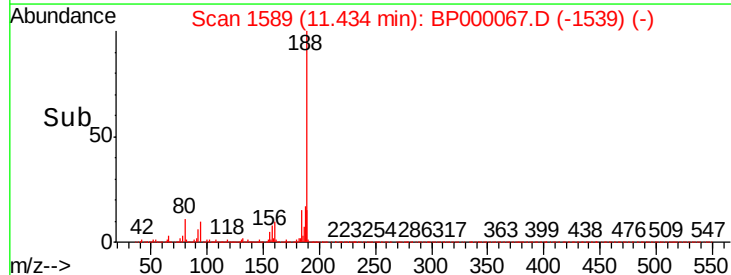
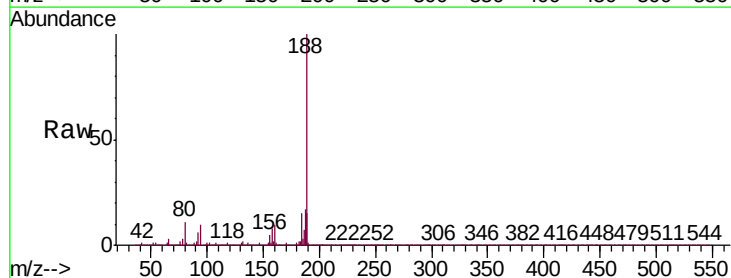
Instrument :
BNA_P
ClientSampleId :
SS-01

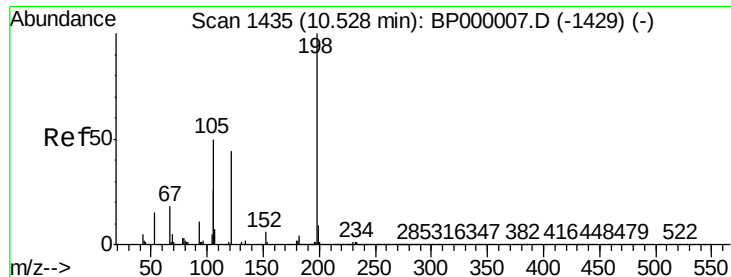
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.9	34.4	51.6#
89	1.2	64.3	96.5#
182	0.0	2.2	3.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BP000067.D
Acq: 04 Sep 2019 15:26

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.3	8.8	13.2
80	10.6	9.0	13.6

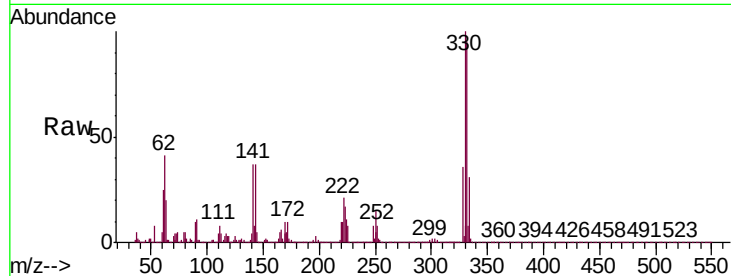




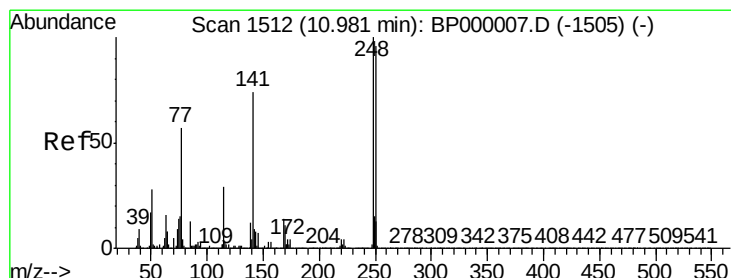
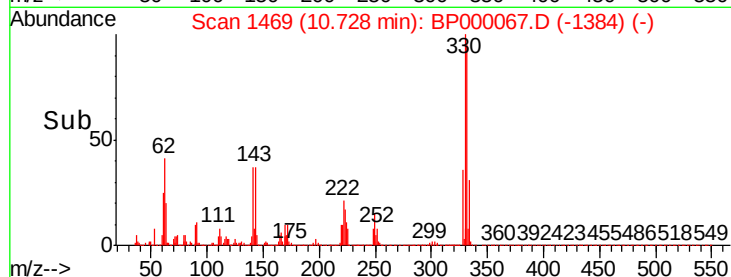
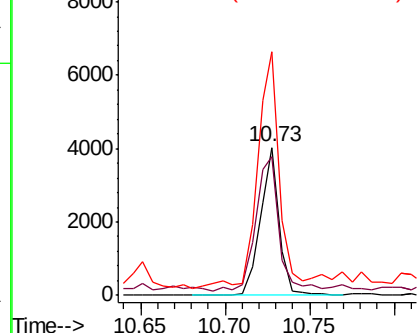
#65
 4,6-Dinitro-2-methylphenol
 Concen: 8.122 ng
 RT: 10.73 min Scan# 1469
 Delta R.T. 0.20 min
 Lab File: BP000067.D
 Acq: 04 Sep 2019 15:26

Instrument :
 BNA_P
 ClientSampleId :
 SS-01

Tgt Ion:198 Resp: 3162
 Ion Ratio Lower Upper
 198 100
 51 93.5 22.1 62.1#
 105 164.3 32.0 72.0#

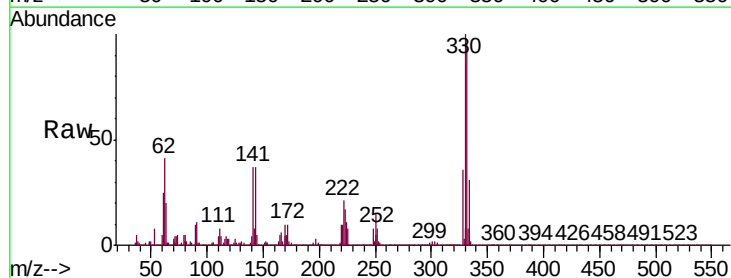


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BPO
 Ion 105.00 (104.70 to 105.70): E

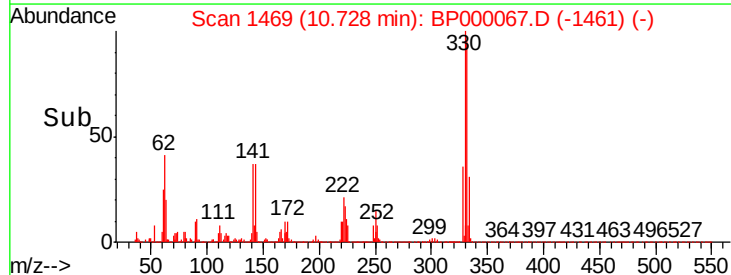
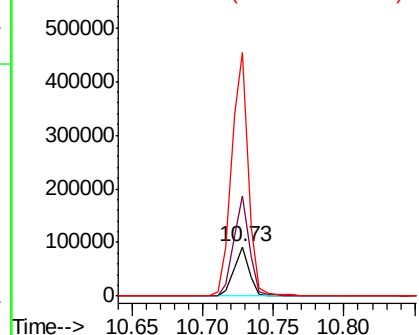


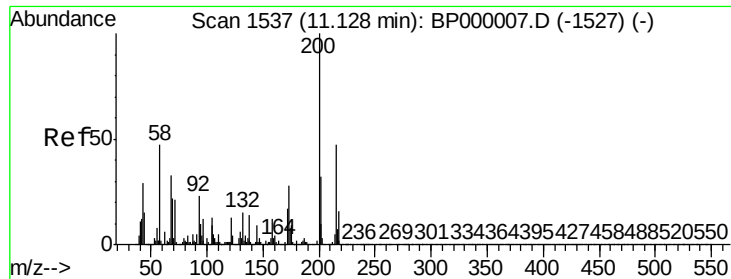
#67
 4-Bromophenyl-phenylether
 Concen: 4.034 ng
 RT: 10.73 min Scan# 1469
 Delta R.T. -0.25 min
 Lab File: BP000067.D
 Acq: 04 Sep 2019 15:26

Tgt Ion:248 Resp: 70973
 Ion Ratio Lower Upper
 248 100
 250 201.7 77.1 115.7#
 141 491.6 59.5 89.3#



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E





#69

Atrazine

Concen: Below Cal

RT: 11.14 min Scan# 1539

Delta R.T. 0.01 min

Lab File: BP000067.D

Acq: 04 Sep 2019 15:26

Instrument :

BNA_P

ClientSampleId :

SS-01

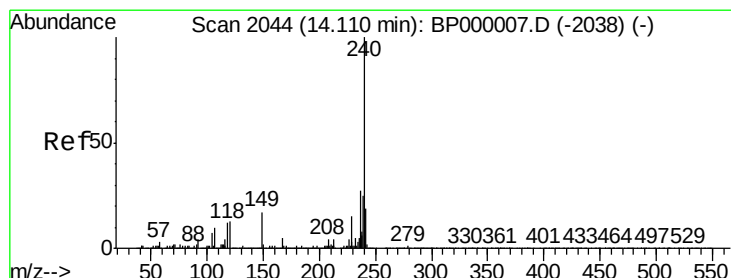
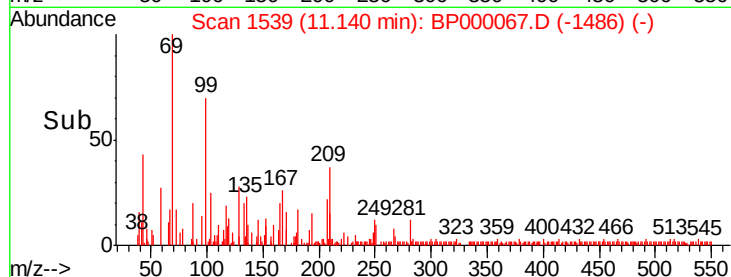
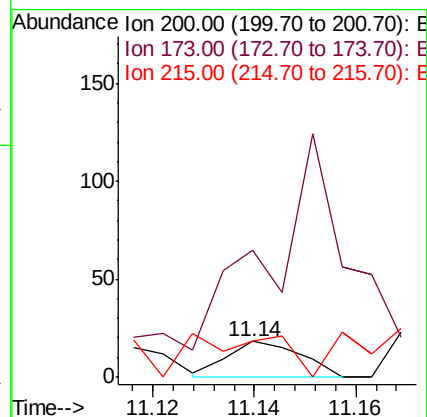
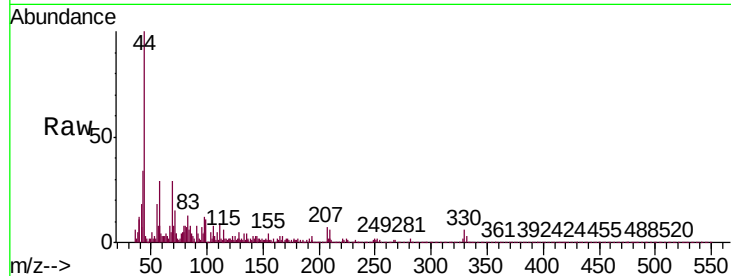
Tgt Ion:200 Resp: 18

Ion Ratio Lower Upper

200 100

173 361.1 8.1 48.1#

215 100.0 26.7 66.7#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.10 min Scan# 2042

Delta R.T. -0.01 min

Lab File: BP000067.D

Acq: 04 Sep 2019 15:26

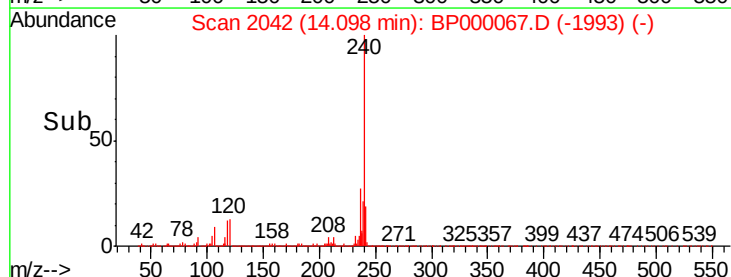
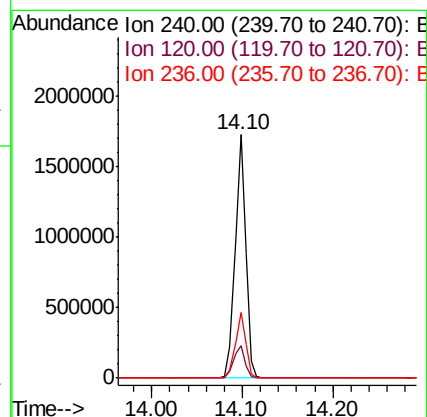
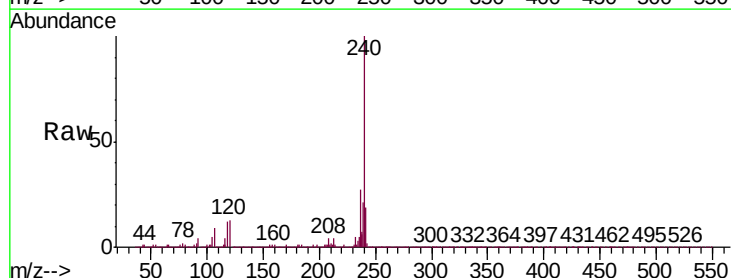
Tgt Ion:240 Resp: 1419929

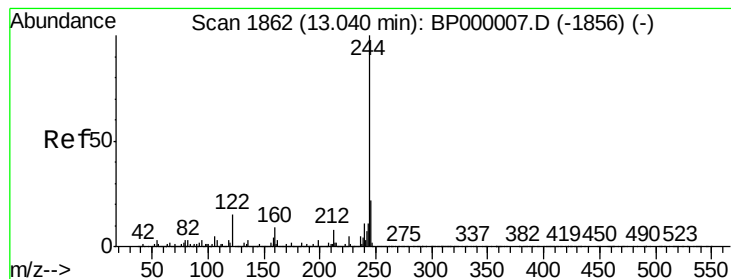
Ion Ratio Lower Upper

240 100

120 13.1 10.5 15.7

236 26.9 21.5 32.3





#79

Terphenyl-d14

Concen: 75.391 ng

RT: 13.04 min Scan# 1862

Delta R.T. -0.00 min

Lab File: BP000067.D

Acq: 04 Sep 2019 15:26

Instrument :

BNA_P

ClientSampleId :

SS-01

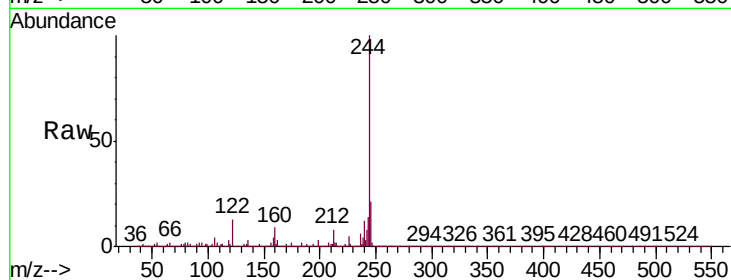
Tgt Ion:244 Resp: 4911455

Ion Ratio Lower Upper

244 100

212 8.3 6.6 10.0

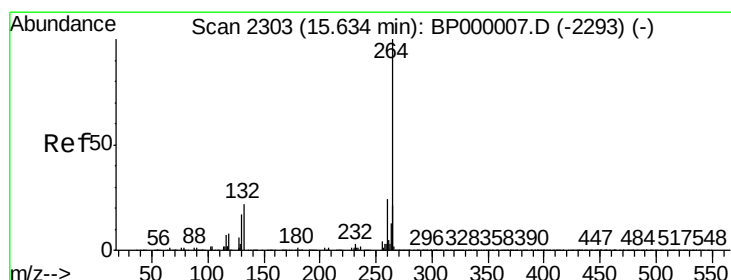
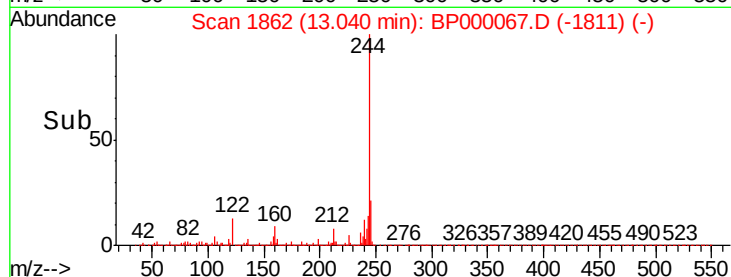
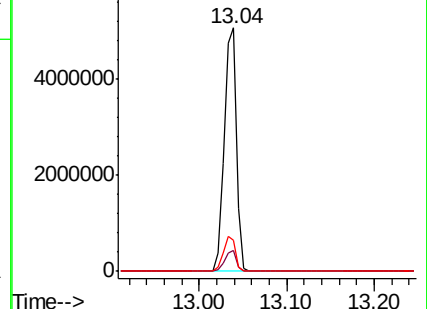
122 12.9 12.3 18.5



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# 2301

Delta R.T. -0.01 min

Lab File: BP000067.D

Acq: 04 Sep 2019 15:26

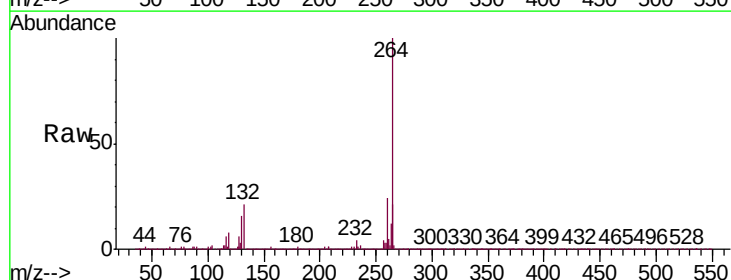
Tgt Ion:264 Resp: 1512158

Ion Ratio Lower Upper

264 100

260 24.1 19.1 28.7

265 21.5 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

