

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101819\
 Data File : BP000889.D
 Acq On : 18 Oct 2019 20:39
 Operator : JU
 Sample : K5358-04
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 20190897-AMENDED-COMP-KM-CA

Quant Time: Oct 19 02:20:16 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP100119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 16:40:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	156376	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	552093	20.00	ng	0.00
39) Acenaphthene-d10	9.79	164	301282	20.00	ng	0.00
64) Phenanthrene-d10	11.29	188	553668	20.00	ng	0.00
76) Chrysene-d12	13.96	240	510846	20.00	ng	0.00
87) Perylene-d12	15.44	264	587876	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.39	112	1162	0.12	ng	0.03
7) Phenol-d6	6.39	99	12995	1.11	ng	0.00
23) Nitrobenzene-d5	7.30	82	761276	84.22	ng	0.00
42) 2,4,6-Tribromophenol	10.59	330	785	0.24	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	1684455	90.46	ng	0.00
79) Terphenyl-d14	12.90	244	2270992	90.01	ng	0.00

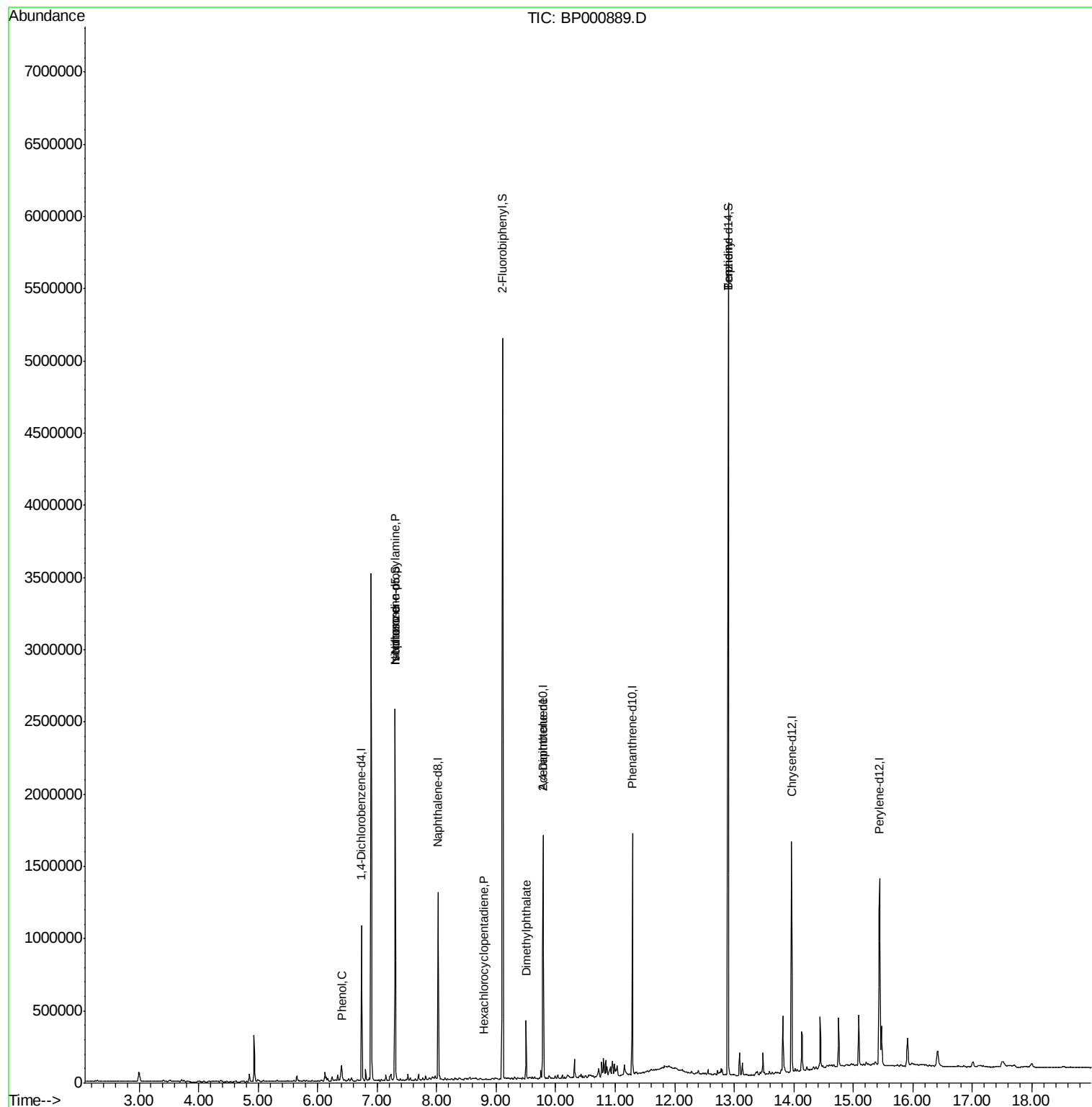
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.40	94	44903	3.741	ng	# 71
19) n-Nitroso-di-n-propylamine	7.30	70	95464	17.667	ng	# 74
25) Isophorone	7.30	82	761194	47.446	ng	# 61
41) Hexachlorocyclopentadiene	8.79	237	16	7.301	ng	86
50) Dimethylphthalate	9.50	163	177243	8.467	ng	99
57) 2,4-Dinitrotoluene	9.79	165	39856	6.584	ng	# 31
77) Benzidine	12.90	184	30109	2.035	ng	97

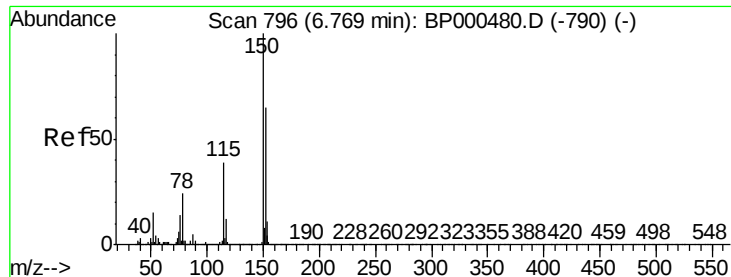
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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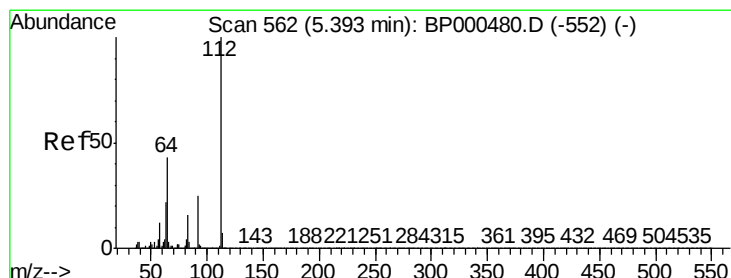
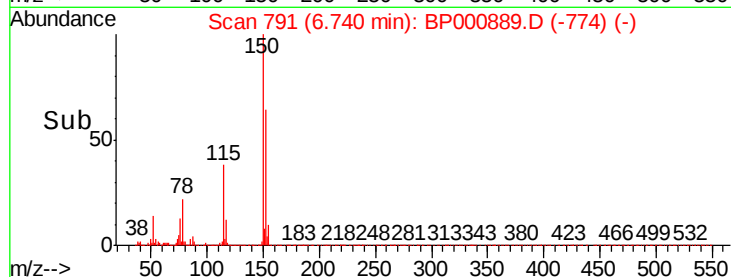
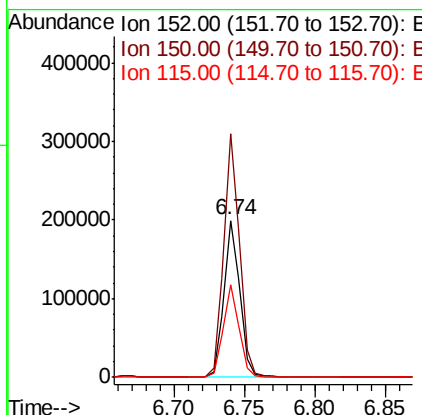
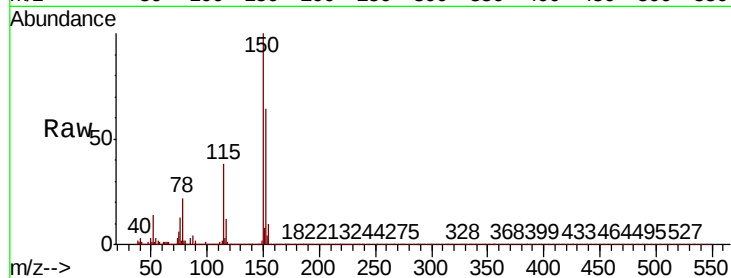


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 791
Delta R.T. -0.00 min
Lab File: BP000889.D
Acq: 18 Oct 2019 20:39

Instrument :
BNA_P
ClientSampleId :
20190897-AMENDED-COMP-KM-CA

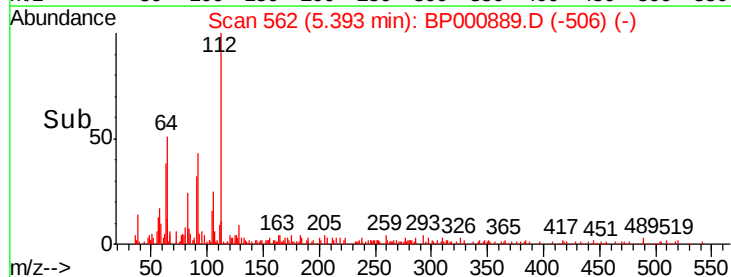
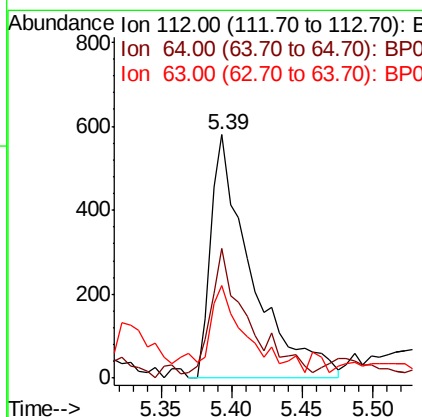
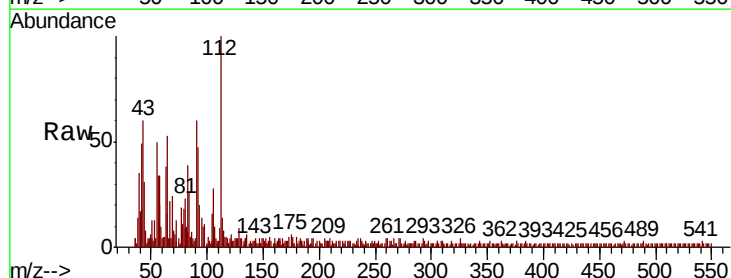
Tot Ion	Ratio	Lower	Upper
152	100		
150	155.3	123.8	185.8
115	59.1	46.8	70.2

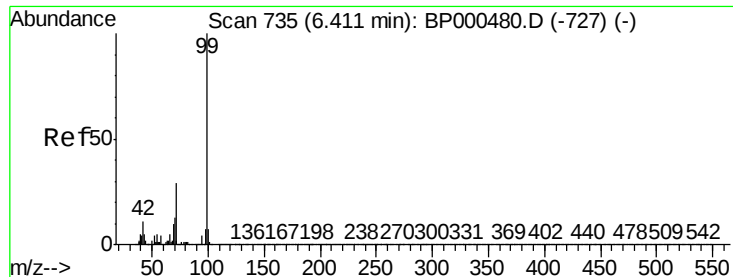


#5

2-Fluorophenol
Concen: 0.119 ng
RT: 5.39 min Scan# 562
Delta R.T. 0.03 min
Lab File: BP000889.D
Acq: 18 Oct 2019 20:39

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.3	33.9	50.9#
63	37.9	17.4	26.0#





#7

Phenol-d6

Concen: 1.109 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.00 min

Lab File: BP000889.D

Acq: 18 Oct 2019 20:39

Instrument :

BNA_P

ClientSampleId :

20190897-AMENDED-COMP-KM-CA

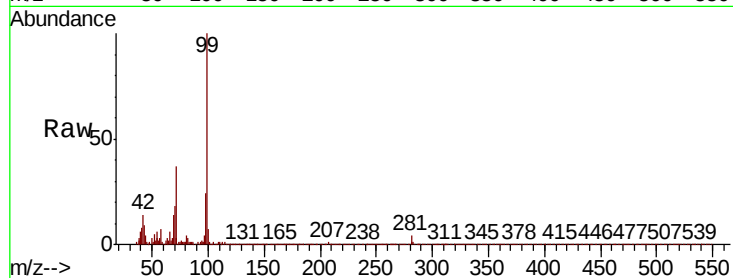
Tot Ion: 99 Resp: 12995

Ion Ratio Lower Upper

99 100

42 13.7 8.7 13.1#

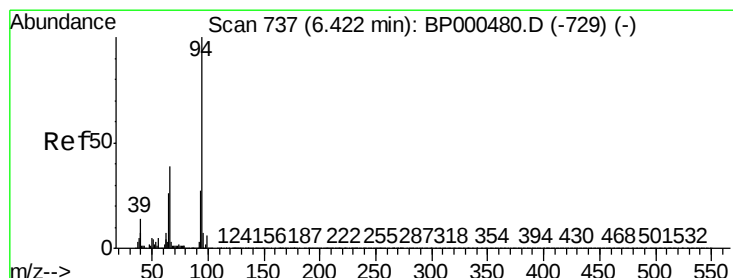
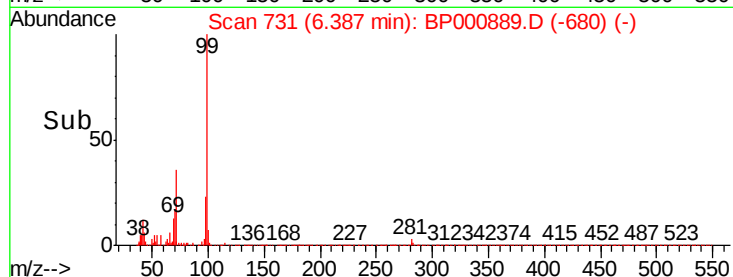
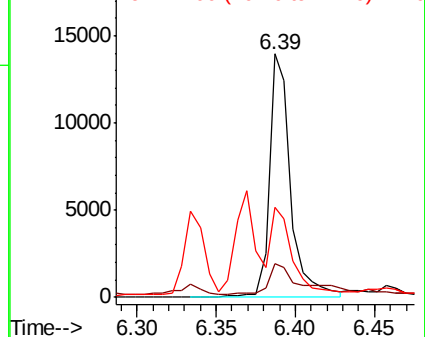
71 37.1 24.1 36.1#



Abundance Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0



#10

Phenol

Concen: 3.741 ng

RT: 6.40 min Scan# 734

Delta R.T. 0.01 min

Lab File: BP000889.D

Acq: 18 Oct 2019 20:39

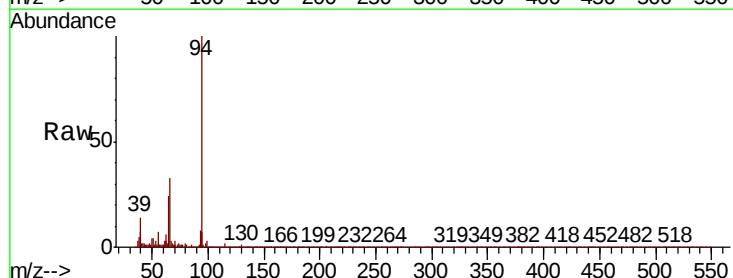
Tgt Ion: 94 Resp: 44903

Ion Ratio Lower Upper

94 100

65 23.8 14.6 54.6

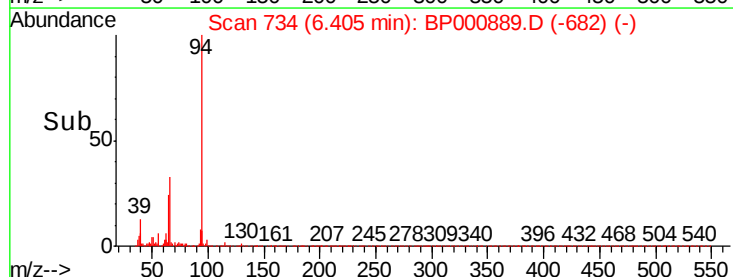
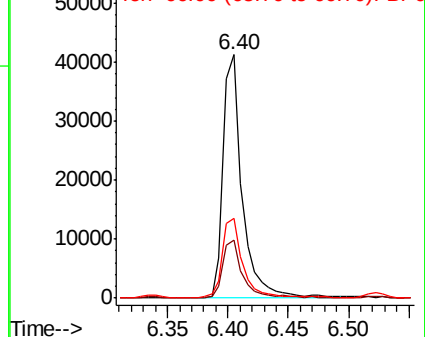
66 32.8 39.2 79.2#

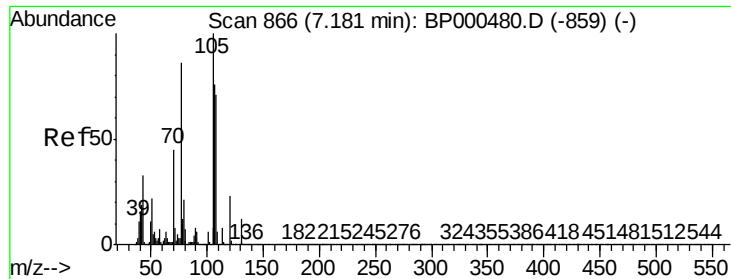


Abundance Ion 94.00 (93.70 to 94.70): BP0

Ion 65.00 (64.70 to 65.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

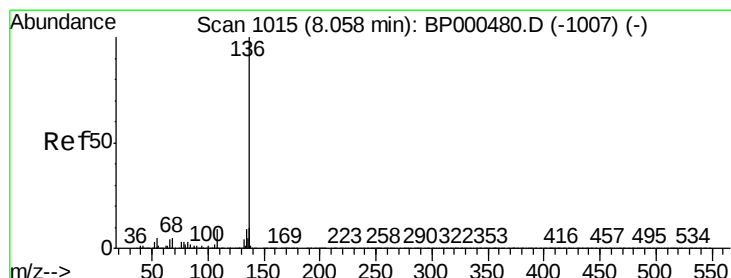
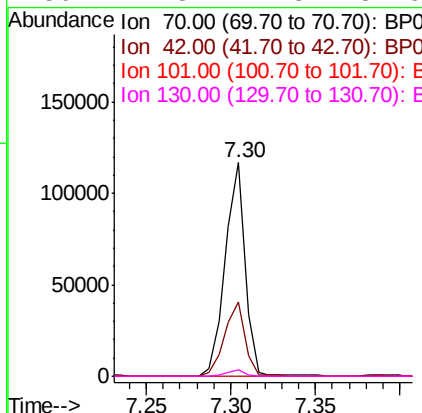
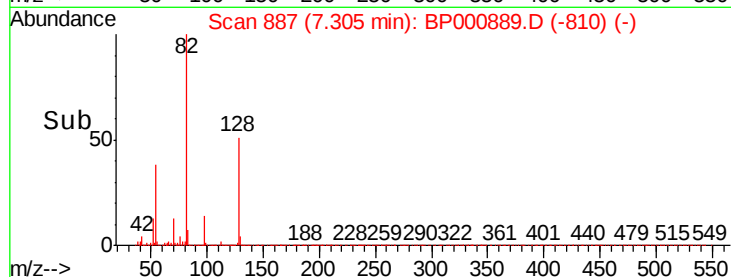
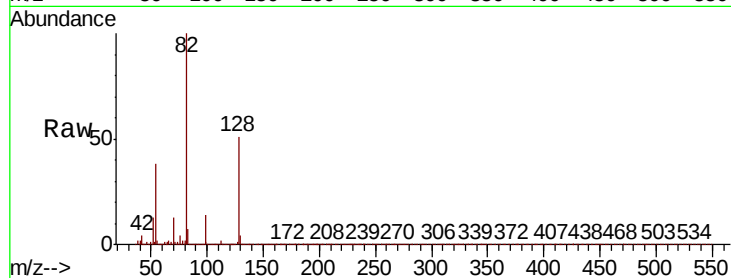




#19
n-Nitroso-di-n-propylamine
Concen: 17.667 ng
RT: 7.30 min Scan# 887
Delta R.T. 0.15 min
Lab File: BP000889.D
Acq: 18 Oct 2019 20:39

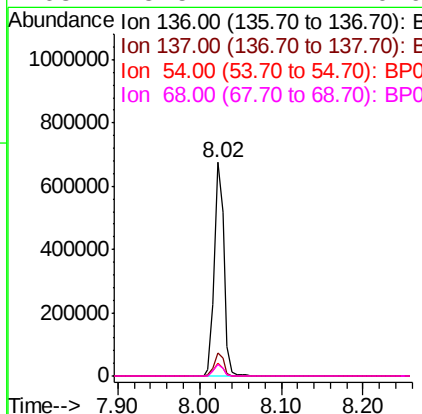
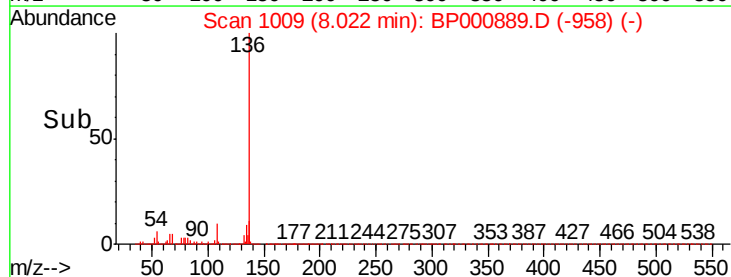
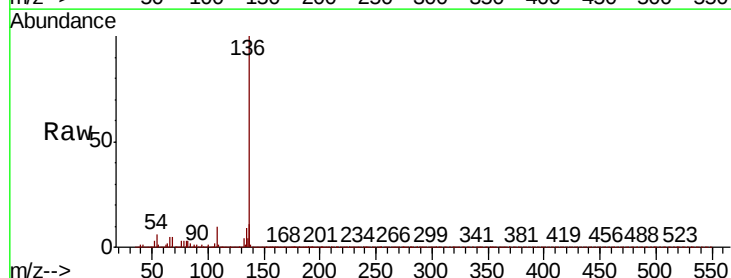
Instrument :
BNA_P
ClientSampleId :
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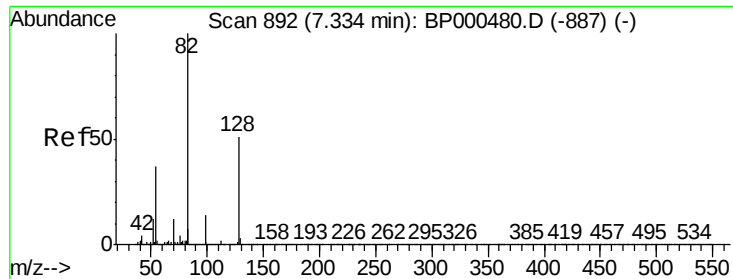
Tot Ion: 70 Resp: 95464
Ion Ratio Lower Upper
70 100
42 34.6 34.0 51.0
101 0.0 9.5 14.3#
130 2.8 21.3 31.9#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BP000889.D
Acq: 18 Oct 2019 20:39

Tgt Ion:136 Resp: 552093
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 5.8 4.6 6.8
68 5.5 4.4 6.6

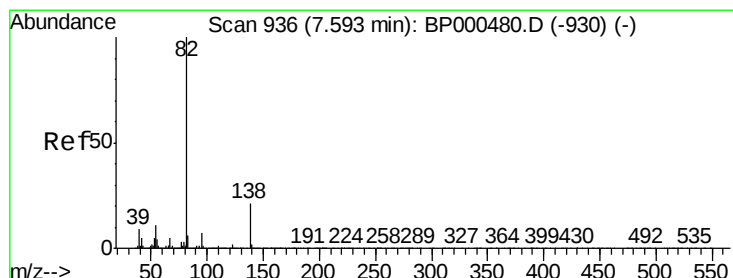
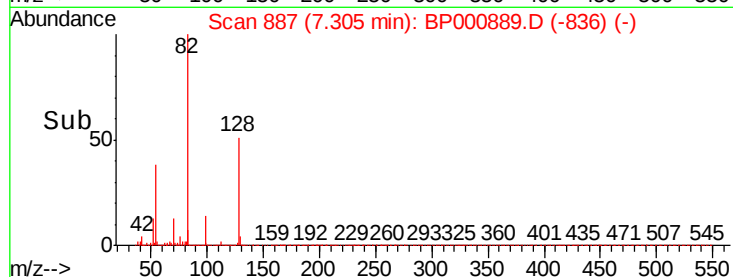
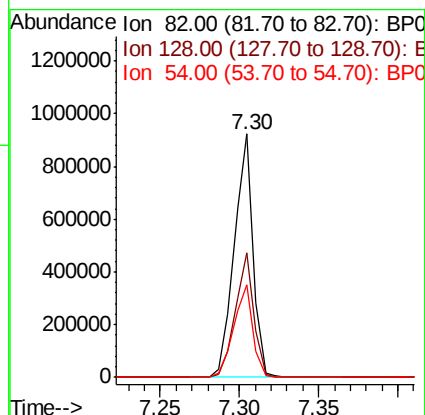
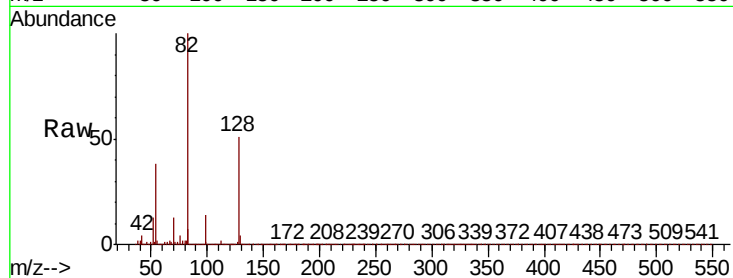




#23
Nitrobenzene-d5
Concen: 84.216 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.00 min
Lab File: BP000889.D
Acq: 18 Oct 2019 20:39

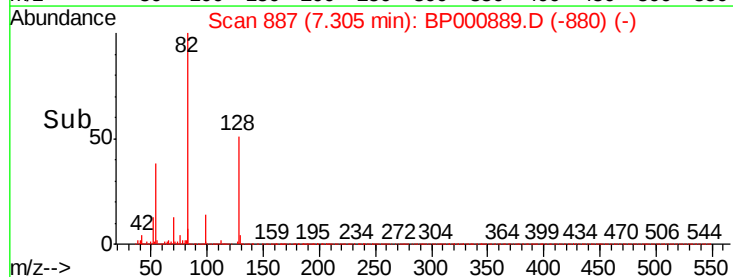
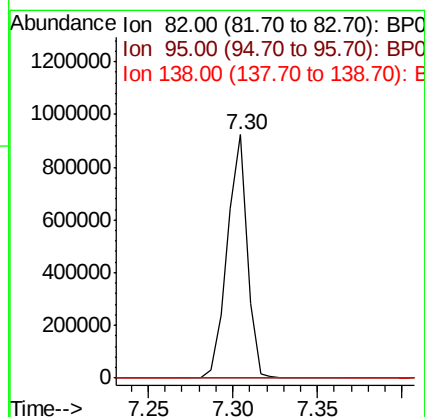
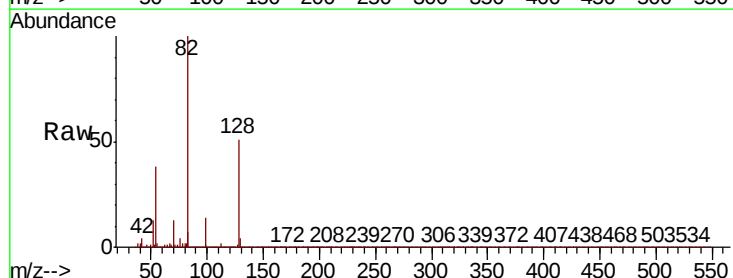
Instrument :
BNA_P
ClientSampleId :
20190897-AMENDED-COMP-KM-CA

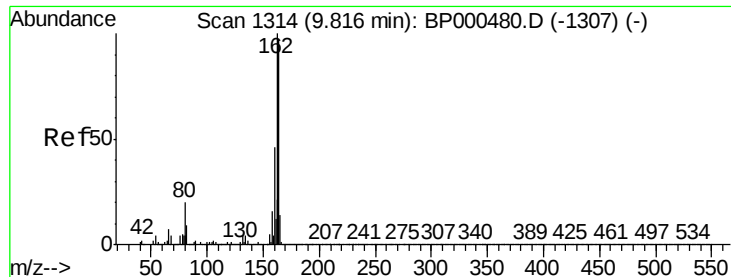
Tot Ion	82	Resp	761276
Ion Ratio	Lower	Upper	
82	100		
128	51.4	41.2	61.8
54	37.8	30.6	45.8



#25
Isophorone
Concen: 47.446 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.26 min
Lab File: BP000889.D
Acq: 18 Oct 2019 20:39

Tgt Ion	82	Resp	761194
Ion Ratio	Lower	Upper	
82	100		
95	0.1	6.2	9.4#
138	0.0	17.0	25.4#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.79 min Scan# 1309

Delta R.T. -0.00 min

Lab File: BP000889.D

Acq: 18 Oct 2019 20:39

Instrument :

BNA_P

ClientSampleId :

20190897-AMENDED-COMP-KM-CA

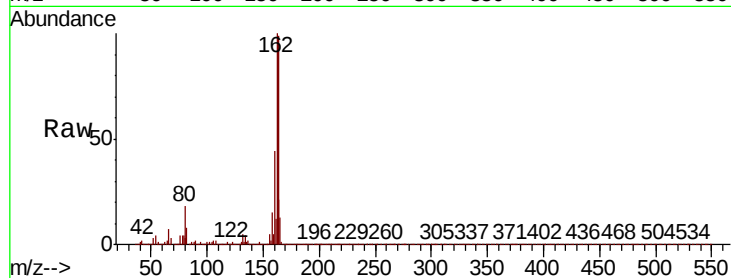
Tot Ion:164 Resp: 301282

Ion Ratio Lower Upper

164 100

162 101.3 80.6 121.0

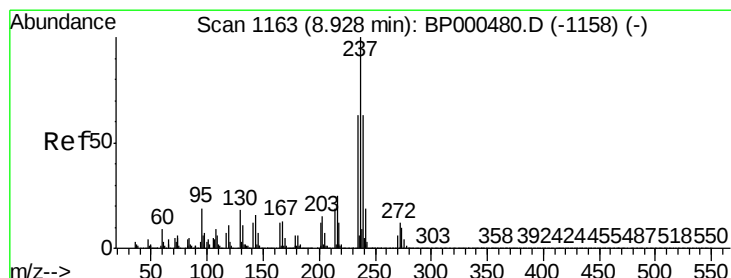
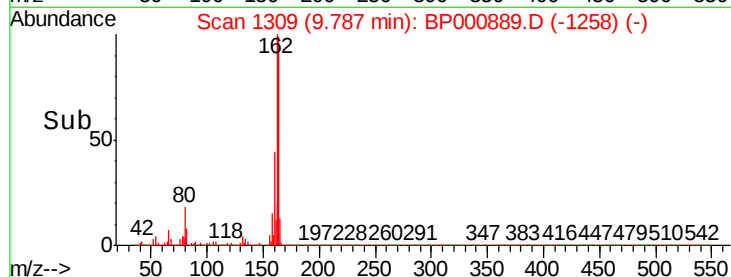
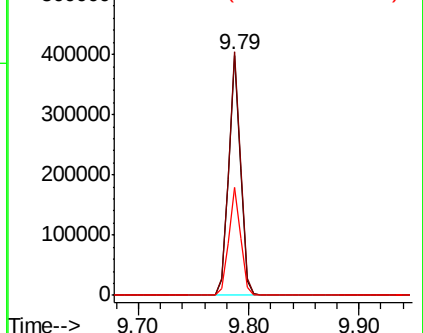
160 45.0 35.4 53.2



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



#41

Hexachlorocyclopentadiene

Concen: 7.301 ng

RT: 8.79 min Scan# 1139

Delta R.T. -0.11 min

Lab File: BP000889.D

Acq: 18 Oct 2019 20:39

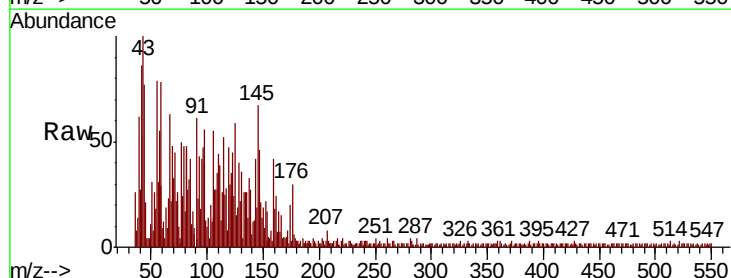
Tgt Ion:237 Resp: 16

Ion Ratio Lower Upper

237 100

235 55.0 42.3 82.3

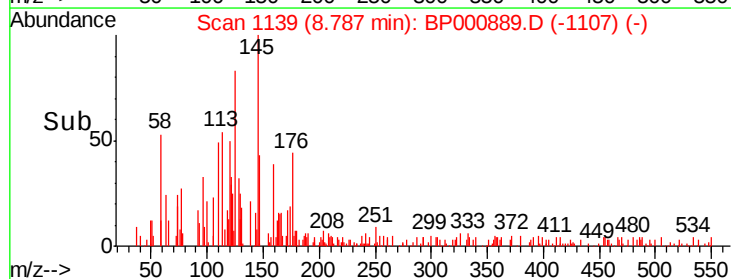
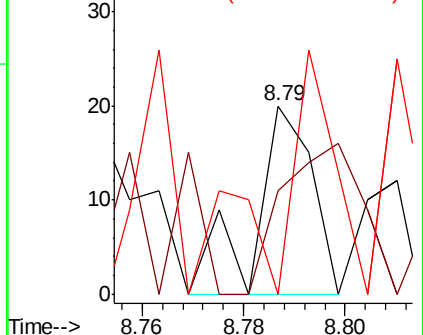
272 0.0 0.0 33.6

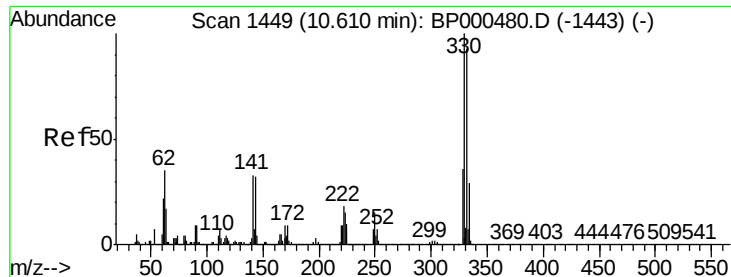


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

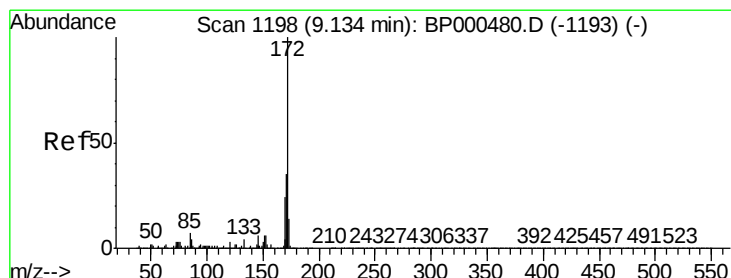
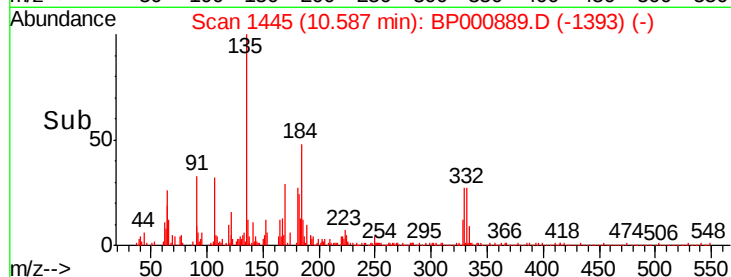
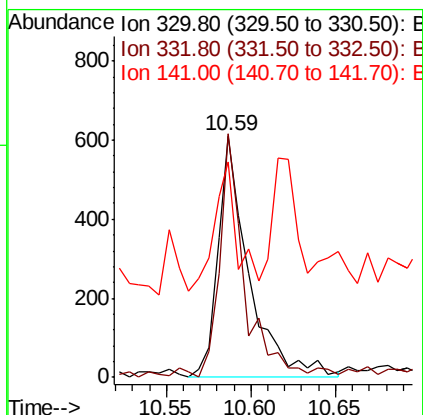
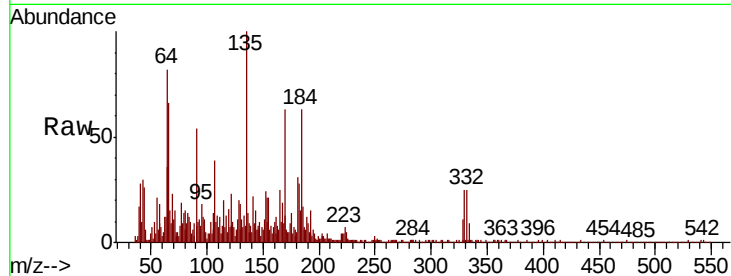




#42
2,4,6-Tribromophenol
Concen: 0.245 ng
RT: 10.59 min Scan# 1445
Delta R.T. 0.01 min
Lab File: BP000889.D
Acq: 18 Oct 2019 20:39

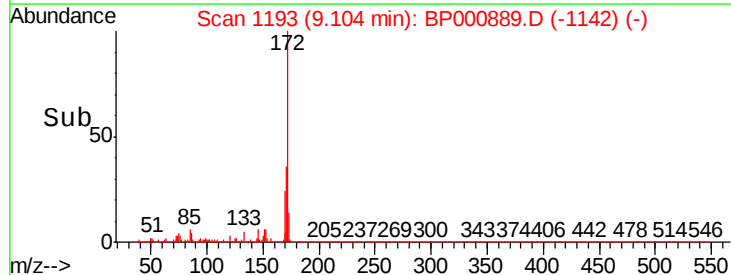
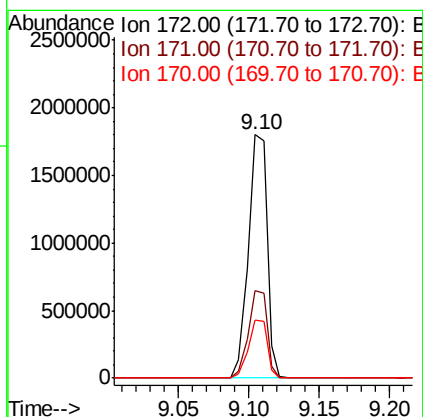
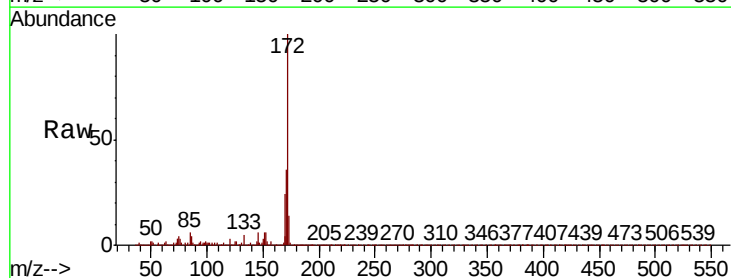
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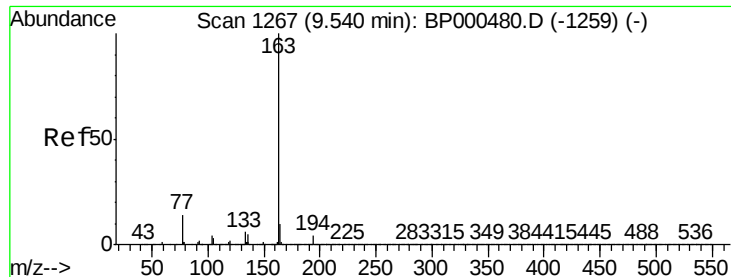
Tot Ion:330 Resp: 785
Ion Ratio Lower Upper
330 100
332 82.7 78.2 117.4
141 39.4 23.7 35.5#



#45
2-Fluorobiphenyl
Concen: 90.461 ng
RT: 9.10 min Scan# 1193
Delta R.T. -0.00 min
Lab File: BP000889.D
Acq: 18 Oct 2019 20:39

Tgt Ion:172 Resp: 1684455
Ion Ratio Lower Upper
172 100
171 35.9 29.0 43.4
170 23.8 19.3 28.9





#50

Dimethylphthalate

Concen: 8.467 ng

RT: 9.50 min Scan# 1261

Delta R.T. -0.01 min

Lab File: BP000889.D

Acq: 18 Oct 2019 20:39

Instrument :

BNA_P

ClientSampleId :

20190897-AMENDED-COMP-KM-CA

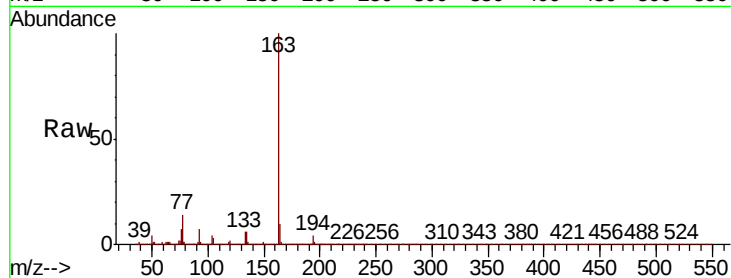
Tot Ion:163 Resp: 177243

Ion Ratio Lower Upper

163 100

194 4.5 3.5 5.3

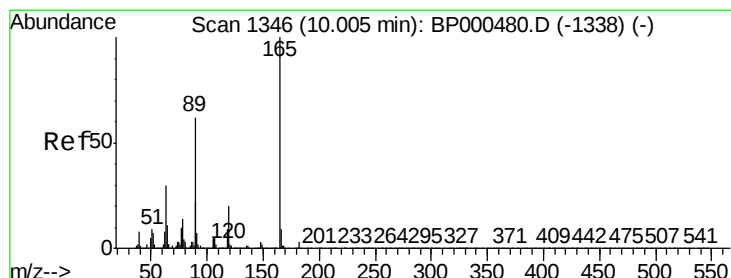
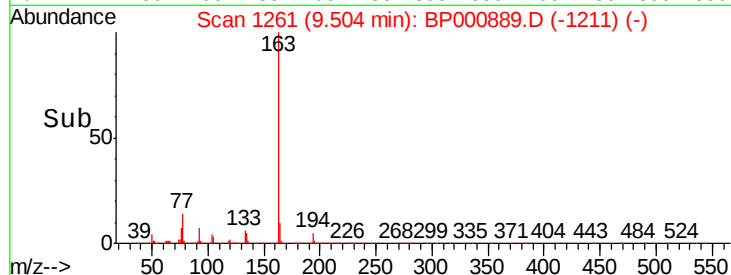
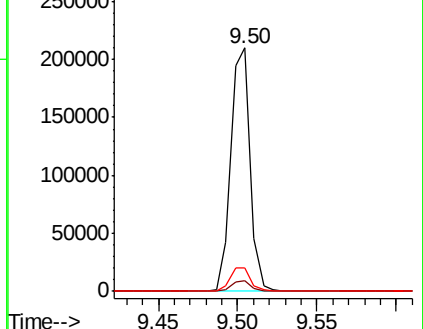
164 9.8 8.3 12.5



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



#57

2,4-Dinitrotoluene

Concen: 6.584 ng

RT: 9.79 min Scan# 1309

Delta R.T. -0.19 min

Lab File: BP000889.D

Acq: 18 Oct 2019 20:39

Tgt Ion:165 Resp: 39856

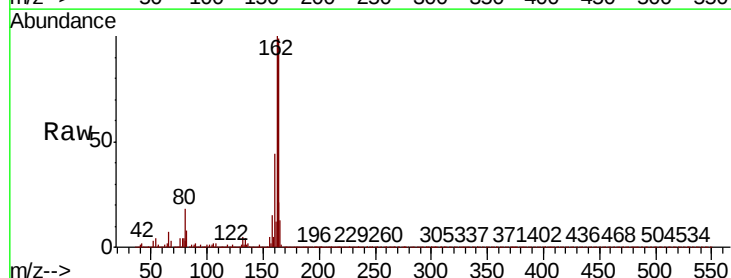
Ion Ratio Lower Upper

165 100

63 1.0 25.4 38.2#

89 1.4 49.2 73.8#

182 0.3 2.3 3.5#

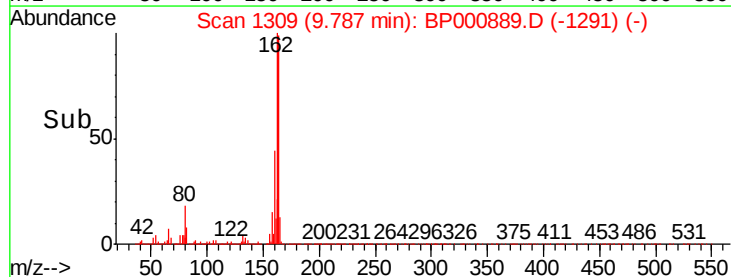
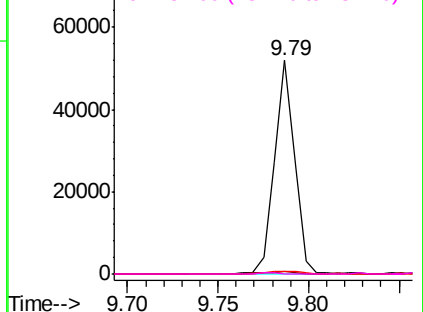


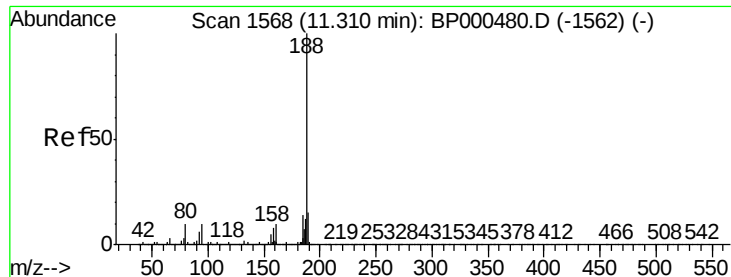
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BP0

Ion 89.00 (88.70 to 89.70): BP0

Ion 182.00 (181.70 to 182.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.29 min Scan# 1564

Delta R.T. 0.01 min

Lab File: BP000889.D

Acq: 18 Oct 2019 20:39

Instrument :

BNA_P

ClientSampleId :

20190897-AMENDED-COMP-KM-CA

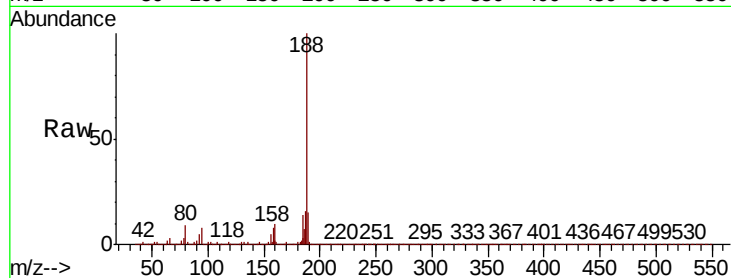
Tot Ion:188 Resp: 553668

Ion Ratio Lower Upper

188 100

94 8.5 8.0 12.0

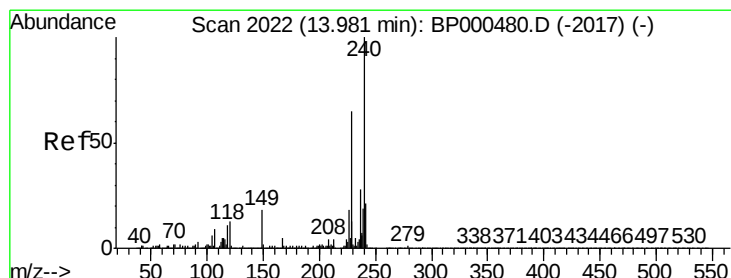
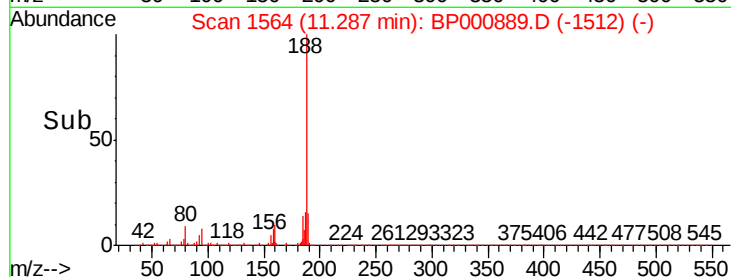
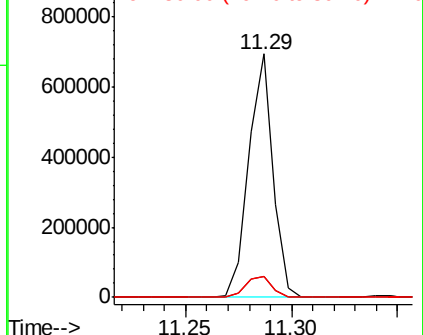
80 8.6 8.2 12.4



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BP0

Ion 80.00 (79.70 to 80.70): BP0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.96 min Scan# 2019

Delta R.T. -0.00 min

Lab File: BP000889.D

Acq: 18 Oct 2019 20:39

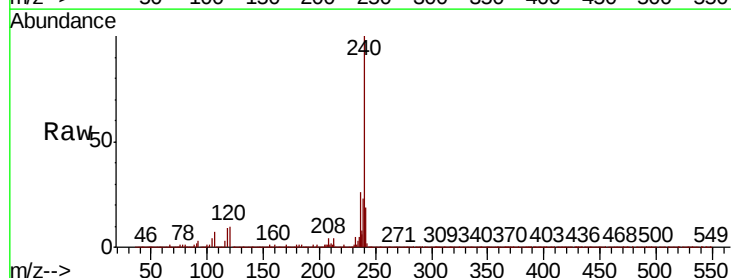
Tgt Ion:240 Resp: 510846

Ion Ratio Lower Upper

240 100

120 10.1 7.3 10.9

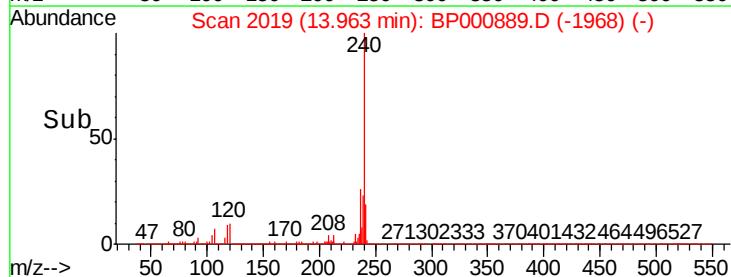
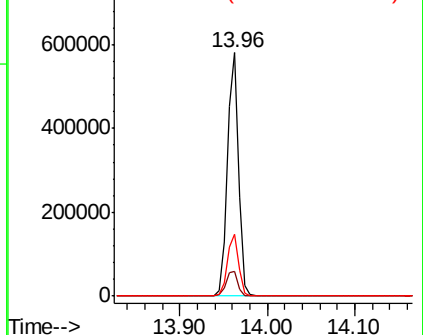
236 25.6 21.2 31.8

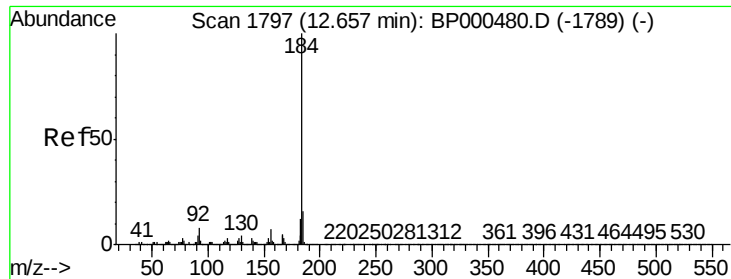


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 2.035 ng

RT: 12.90 min Scan# 1838

Delta R.T. 0.26 min

Lab File: BP000889.D

Acq: 18 Oct 2019 20:39

Instrument :

BNA_P

ClientSampleId :

20190897-AMENDED-COMP-KM-CA

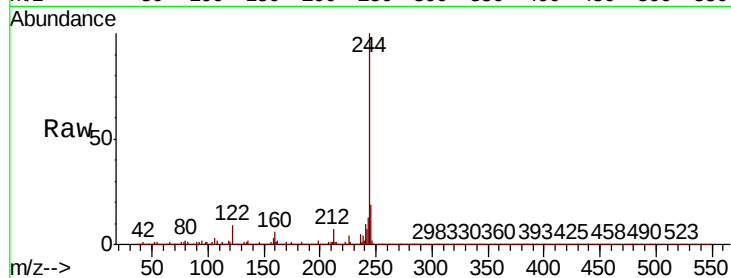
Tot Ion:184 Resp: 30109

Ion Ratio Lower Upper

184 100

185 16.0 12.2 18.2

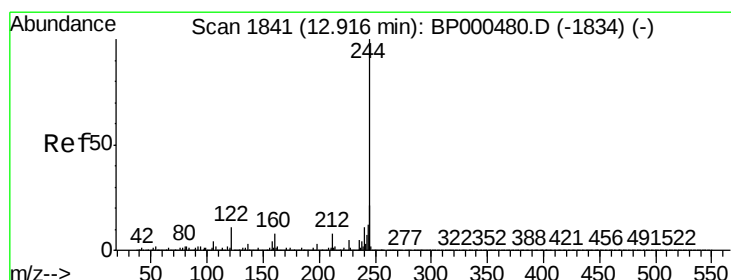
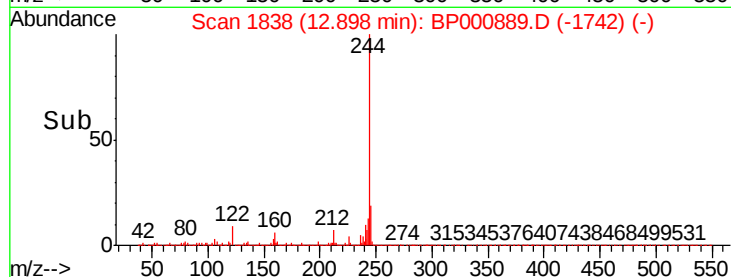
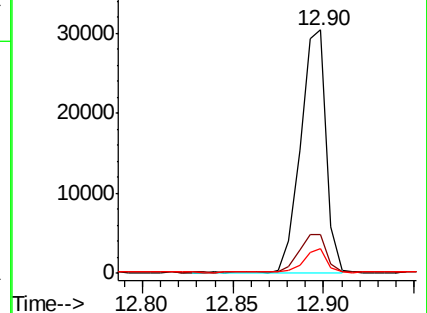
183 10.4 9.8 14.8



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#79

Terphenyl-d14

Concen: 90.010 ng

RT: 12.90 min Scan# 1838

Delta R.T. 0.01 min

Lab File: BP000889.D

Acq: 18 Oct 2019 20:39

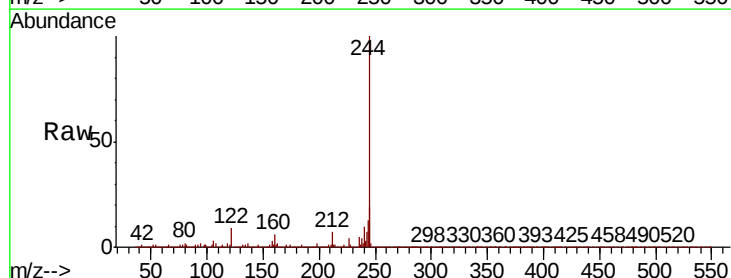
Tgt Ion:244 Resp: 2270992

Ion Ratio Lower Upper

244 100

212 7.1 5.5 8.3

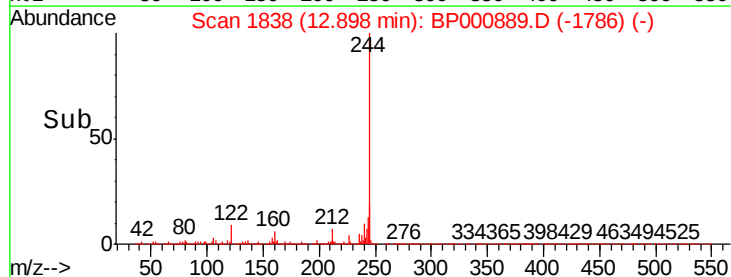
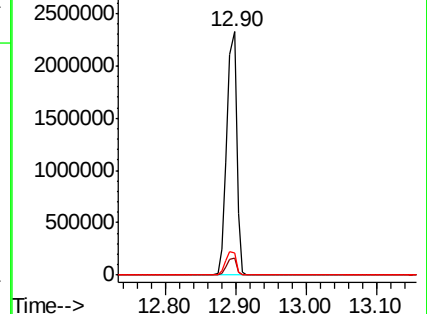
122 9.2 7.1 10.7

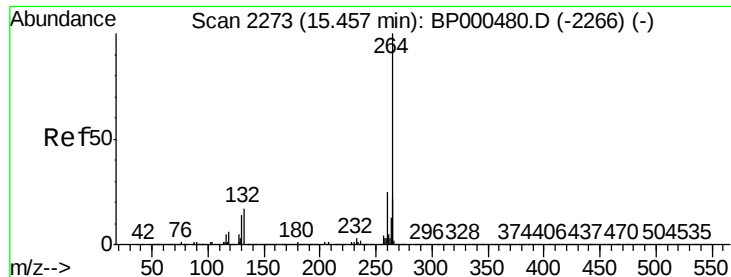


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2270
Delta R.T. 0.01 min
Lab File: BP000889.D
Acq: 18 Oct 2019 20:39

Instrument :
BNA_P
ClientSampleId :
20190897-AMENDED-COMP-KM-CA

Tot Ion:	264	Resp:	587876
Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.3	28.9
265	21.4	17.4	26.0

