

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101819\
 Data File : BP000879.D
 Acq On : 18 Oct 2019 16:37
 Operator : JU
 Sample : K5358-02RE
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: Oct 19 02:16:45 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

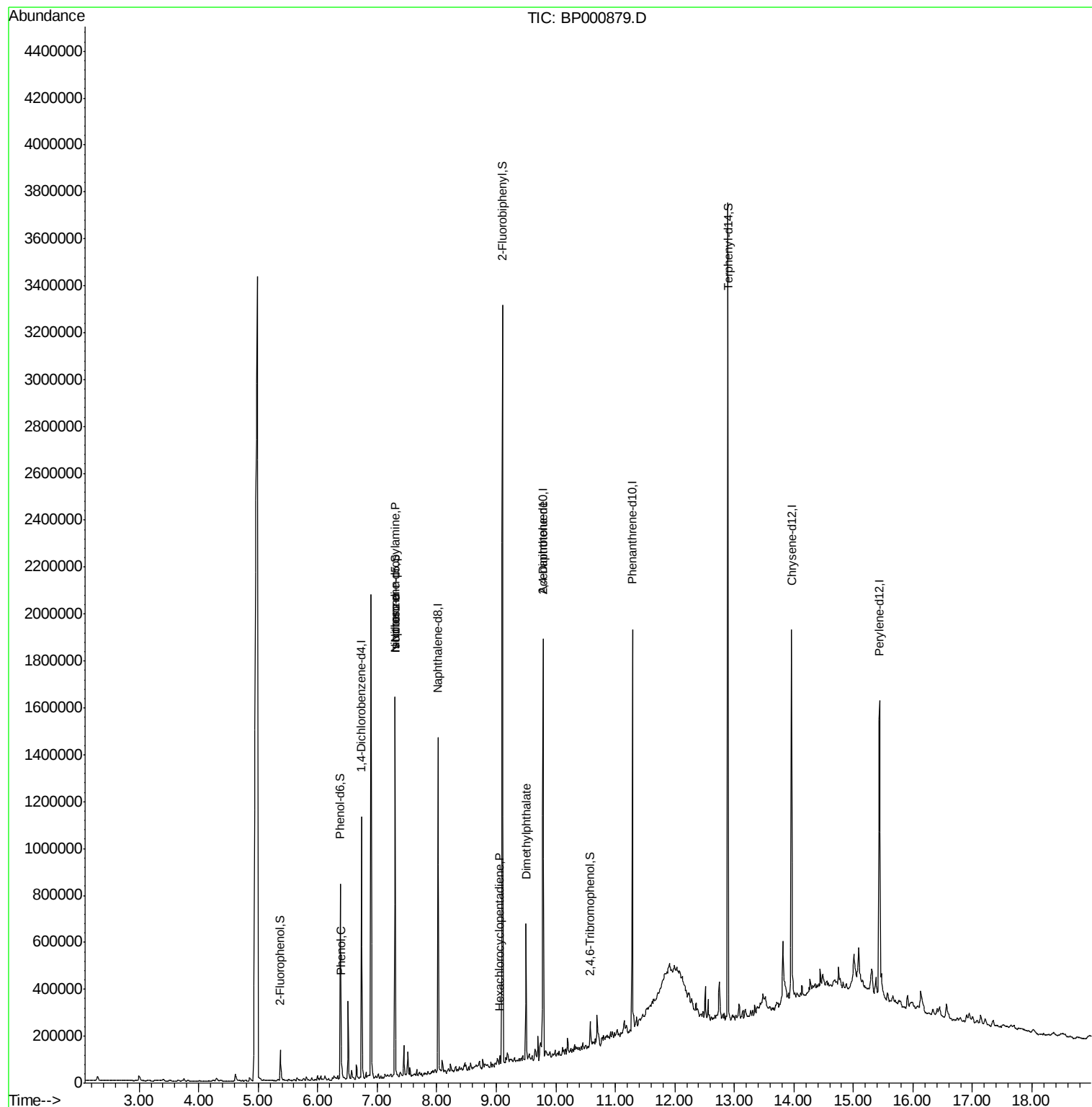
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	159922	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	584909	20.00	ng	0.00
39) Acenaphthene-d10	9.79	164	322323	20.00	ng	0.00
64) Phenanthrene-d10	11.29	188	589027	20.00	ng	0.00
76) Chrysene-d12	13.96	240	517962	20.00	ng	0.00
87) Perylene-d12	15.44	264	593678	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	50832	5.11	ng	0.01
7) Phenol-d6	6.38	99	269804	22.50	ng	0.00
23) Nitrobenzene-d5	7.30	82	494116	51.59	ng	0.00
42) 2,4,6-Tribromophenol	10.58	330	13848	4.03	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	905044	45.43	ng	0.00
79) Terphenyl-d14	12.89	244	1175111	45.94	ng	0.00
Target Compounds						
10) Phenol	6.40	94	37943	3.091	ng	# 72
19) n-Nitroso-di-n-propylamine	7.30	70	62426	11.297	ng	# 74
25) Isophorone	7.30	82	492924	29.001	ng	# 61
41) Hexachlorocyclopentadiene	9.06	237	18	7.301	ng	# 77
50) Dimethylphthalate	9.50	163	191740	8.561	ng	# 99
57) 2,4-Dinitrotoluene	9.79	165	42704	6.594	ng	# 32

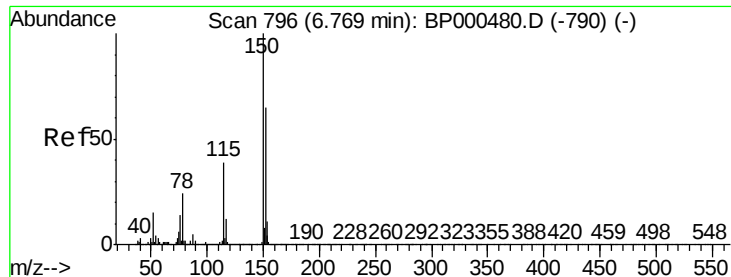
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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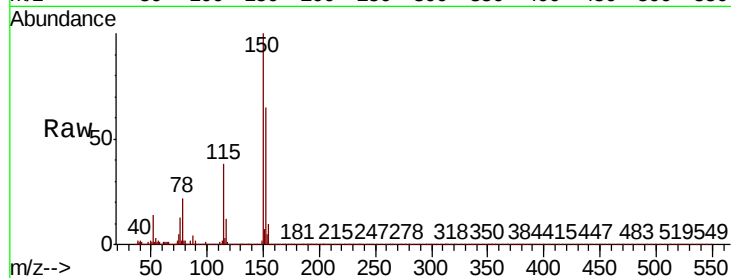


#1

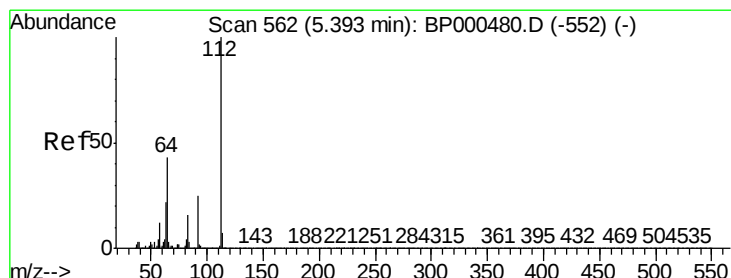
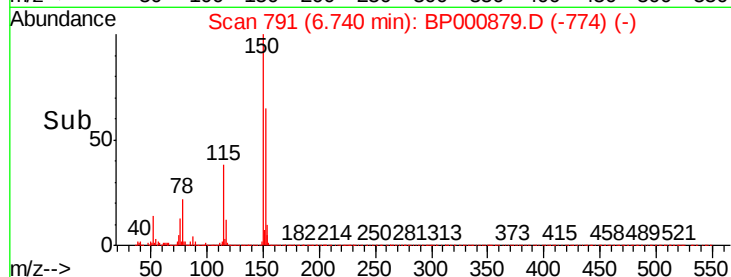
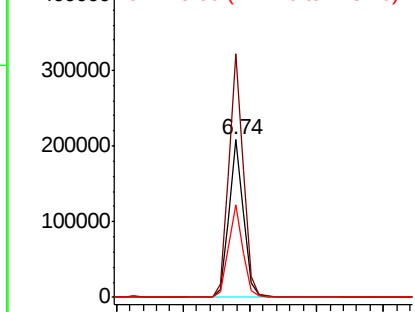
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 791
Delta R.T. -0.00 min
Lab File: BP000879.D
Acq: 18 Oct 2019 16:37

Instrument :
BNA_P
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
152	100		
150	154.7	123.8	185.8
115	58.8	46.8	70.2



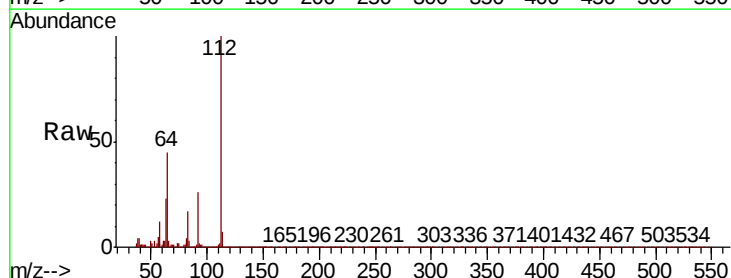
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



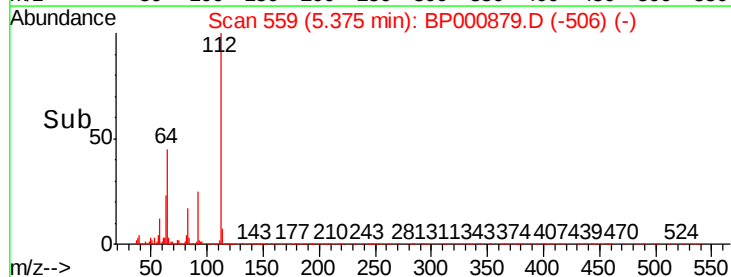
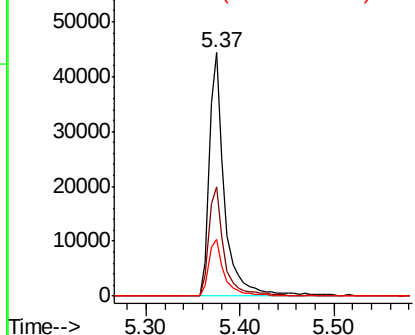
#5

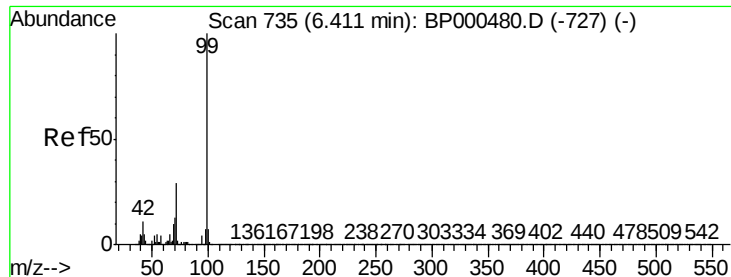
2-Fluorophenol
Concen: 5.109 ng
RT: 5.37 min Scan# 559
Delta R.T. 0.01 min
Lab File: BP000879.D
Acq: 18 Oct 2019 16:37

Tgt Ion	Ratio	Lower	Upper
112	100		
64	44.7	33.9	50.9
63	23.1	17.4	26.0



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BP0
Ion 63.00 (62.70 to 63.70): BP0





#7

Phenol-d6

Concen: 22.505 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.01 min

Lab File: BP000879.D

Acq: 18 Oct 2019 16:37

Instrument :

BNA_P

ClientSampleId :

20190897-AMENDED-COMP-KM-CA

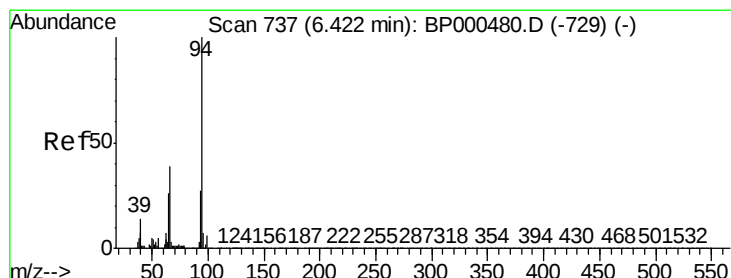
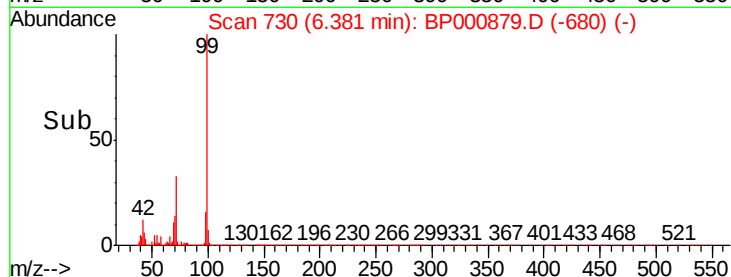
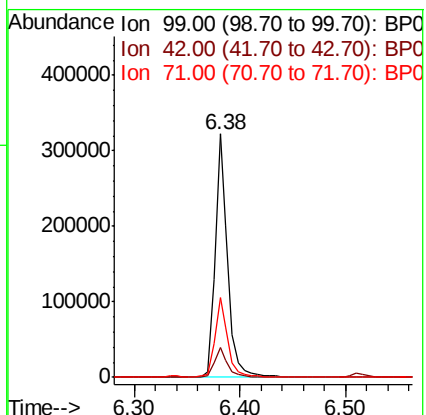
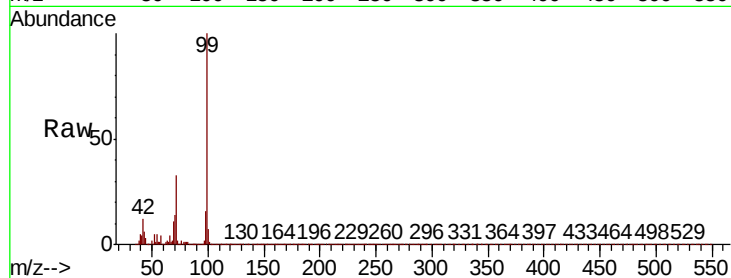
Tot Ion: 99 Resp: 269804

Ion Ratio Lower Upper

99 100

42 12.5 8.7 13.1

71 32.6 24.1 36.1



#10

Phenol

Concen: 3.091 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.00 min

Lab File: BP000879.D

Acq: 18 Oct 2019 16:37

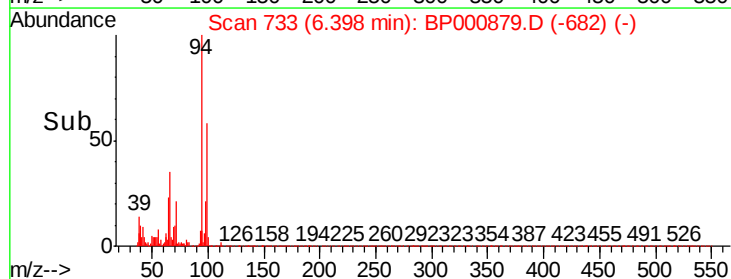
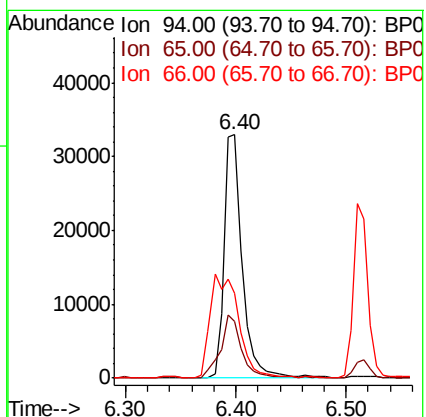
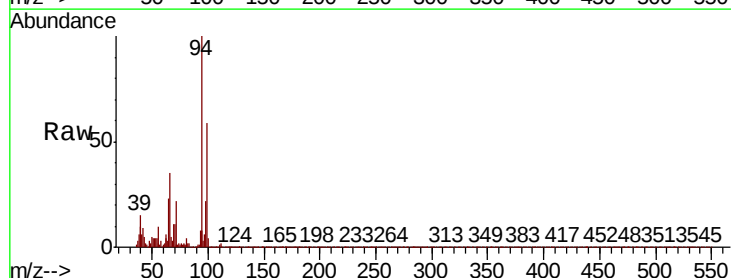
Tgt Ion: 94 Resp: 37943

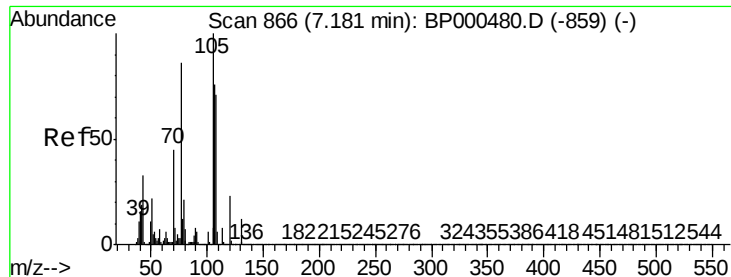
Ion Ratio Lower Upper

94 100

65 23.3 14.6 54.6

66 34.9 39.2 79.2#

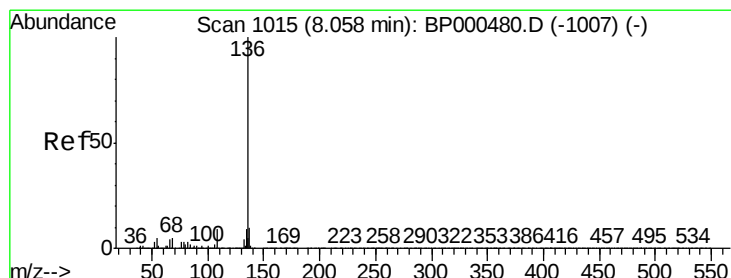
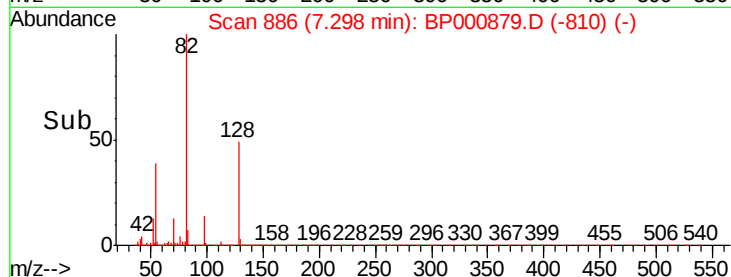
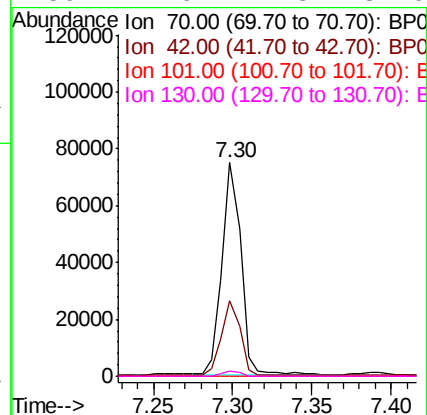
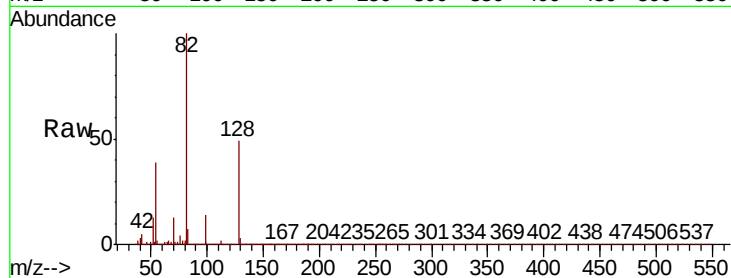




#19
n-Nitroso-di-n-propylamine
Concen: 11.297 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.15 min
Lab File: BP000879.D
Acq: 18 Oct 2019 16:37

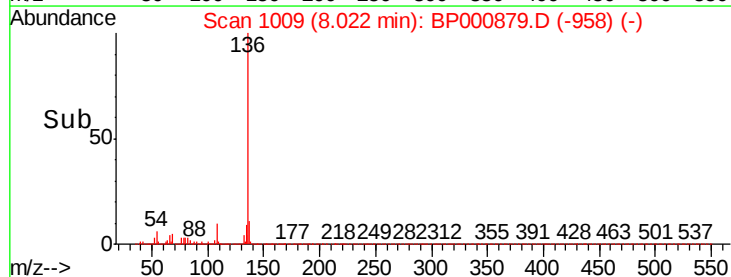
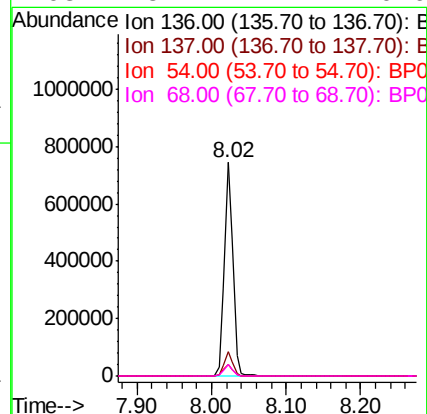
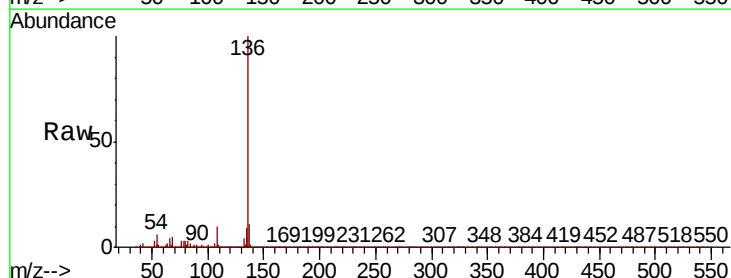
Instrument :
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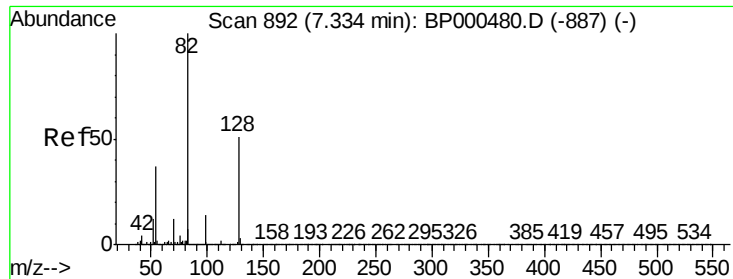
Tot Ion:	70	Resp:	62426
Ion	Ratio	Lower	Upper
70	100		
42	35.5	34.0	51.0
101	0.1	9.5	14.3#
130	2.6	21.3	31.9#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BP000879.D
Acq: 18 Oct 2019 16:37

Tgt Ion:	136	Resp:	584909
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	5.6	4.6	6.8
68	5.4	4.4	6.6

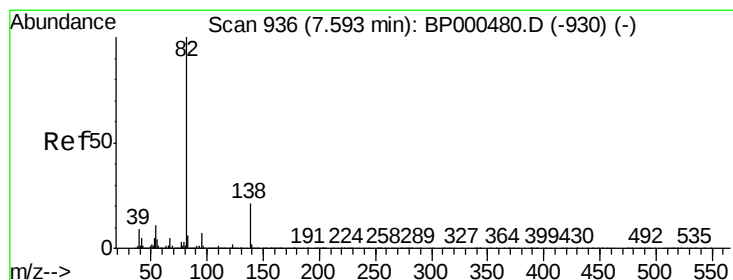
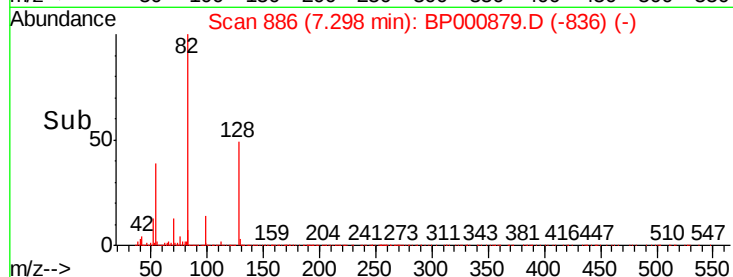
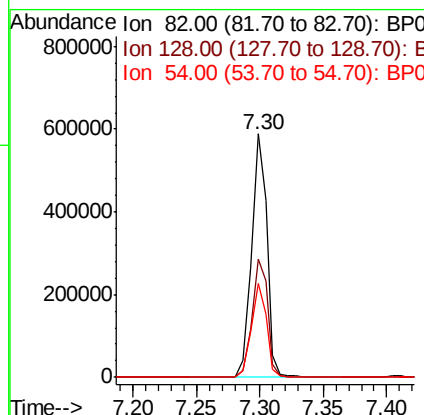
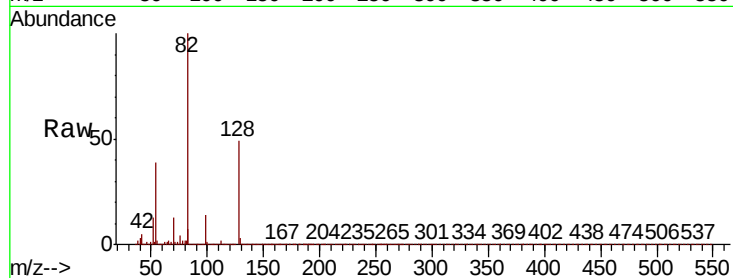




#23
 Nitrobenzene-d5
 Concen: 51.595 ng
 RT: 7.30 min Scan# 886
 Delta R.T. -0.01 min
 Lab File: BP000879.D
 Acq: 18 Oct 2019 16:37

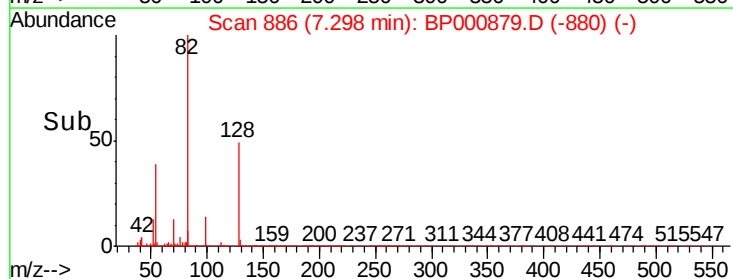
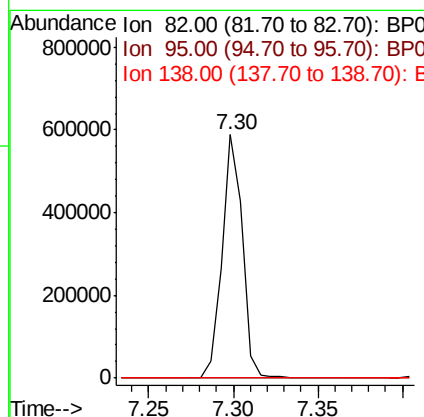
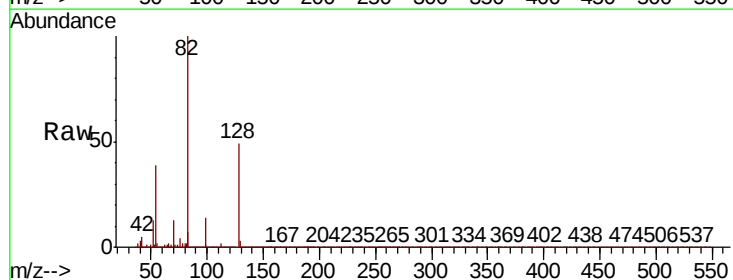
Instrument :
 BNA_P
 ClientSampleId :
 20190897-AMENDED-COMP-KM-CA

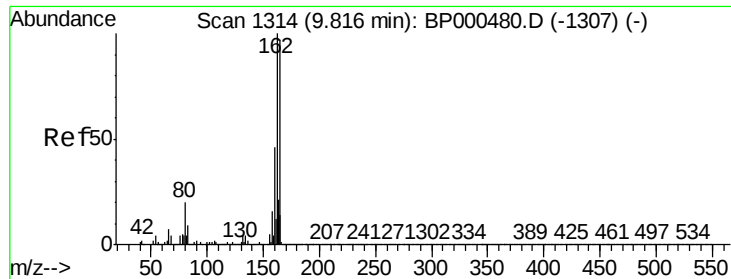
Tot Ion:	82	Resp:	494116
Ion	Ratio	Lower	Upper
82	100		
128	48.7	41.2	61.8
54	38.7	30.6	45.8



#25
 Isophorone
 Concen: 29.001 ng
 RT: 7.30 min Scan# 886
 Delta R.T. -0.27 min
 Lab File: BP000879.D
 Acq: 18 Oct 2019 16:37

Tgt Ion:	82	Resp:	492924
Ion	Ratio	Lower	Upper
82	100		
95	0.2	6.2	9.4#
138	0.0	17.0	25.4#

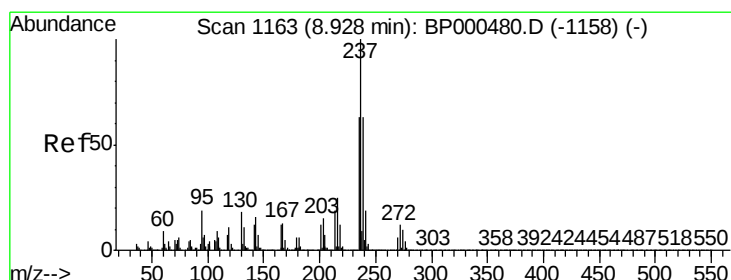
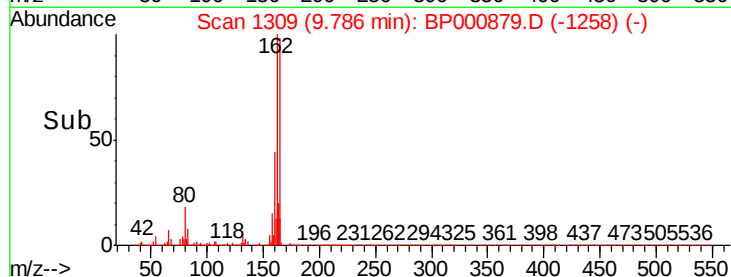
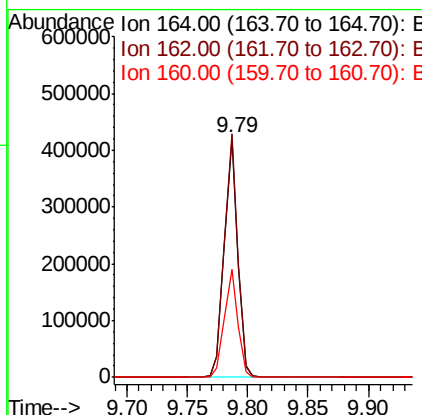
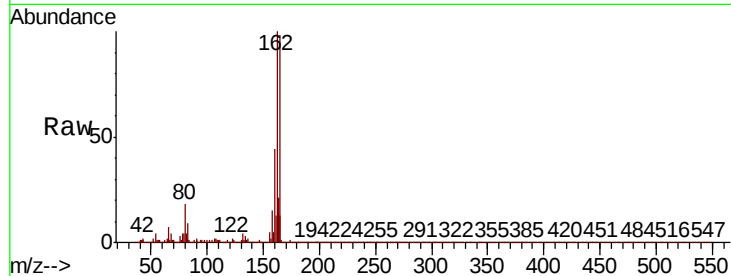




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.79 min Scan# 1309
Delta R.T. -0.00 min
Lab File: BP000879.D
Acq: 18 Oct 2019 16:37

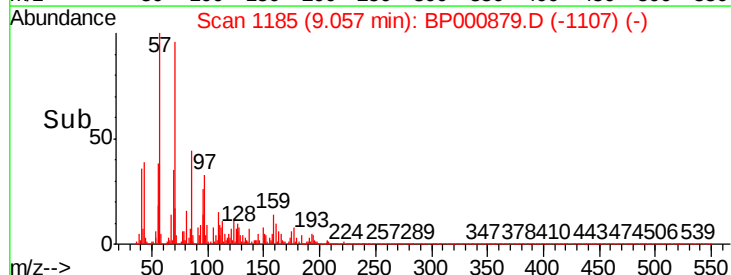
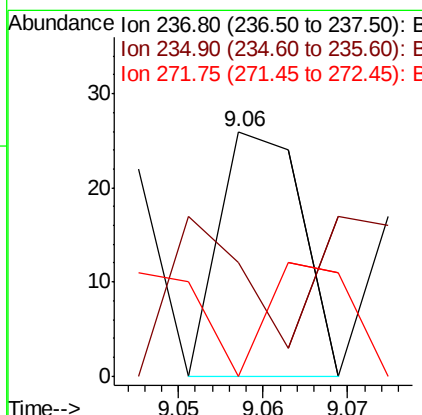
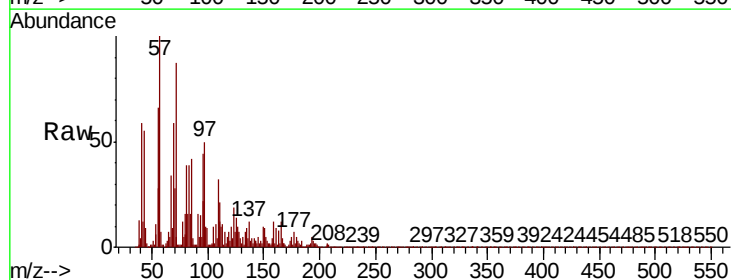
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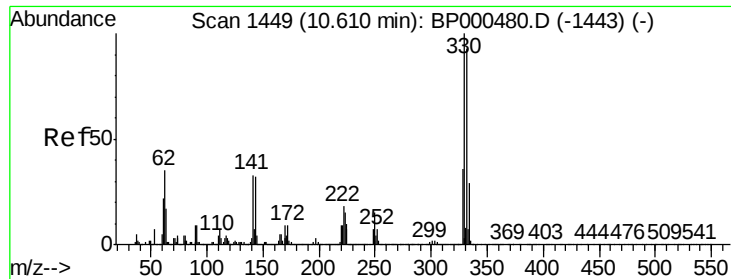
Tot Ion	Ratio	Lower	Upper
164	100		
162	101.9	80.6	121.0
160	45.0	35.4	53.2



#41
Hexachlorocyclopentadiene
Concen: 7.301 ng
RT: 9.06 min Scan# 1185
Delta R.T. 0.16 min
Lab File: BP000879.D
Acq: 18 Oct 2019 16:37

Tgt Ion	Ratio	Lower	Upper
237	100		
235	46.2	42.3	82.3
272	0.0	0.0	33.6

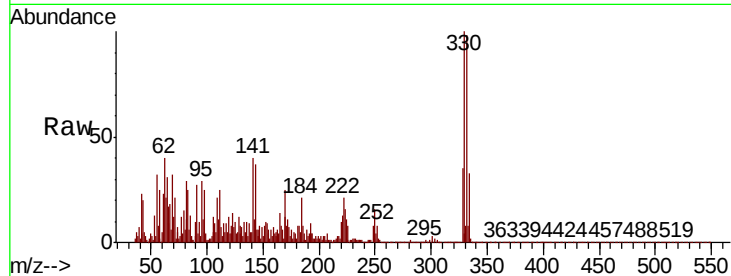




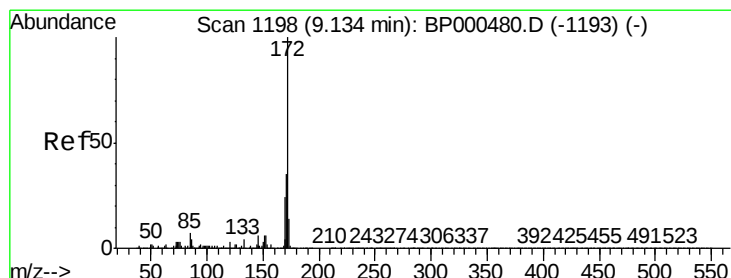
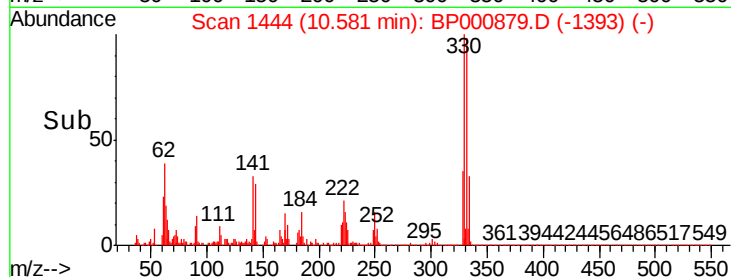
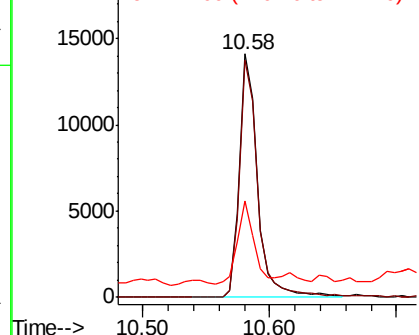
#42
2,4,6-Tribromophenol
Concen: 4.032 ng
RT: 10.58 min Scan# 1444
Delta R.T. -0.00 min
Lab File: BP000879.D
Acq: 18 Oct 2019 16:37

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

Tot Ion:330 Resp: 13848
Ion Ratio Lower Upper
330 100
332 99.6 78.2 117.4
141 31.3 23.7 35.5

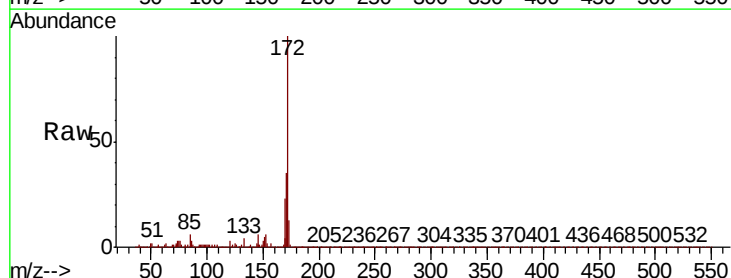


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

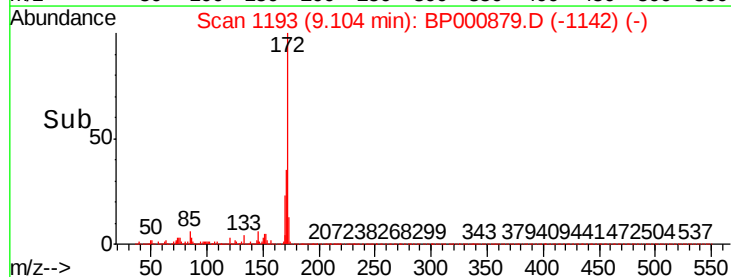
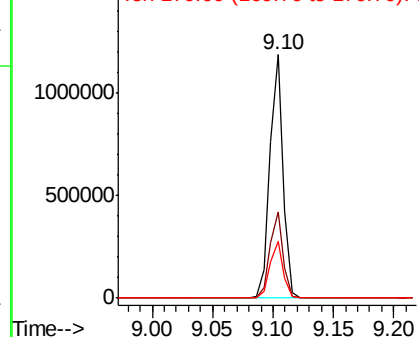


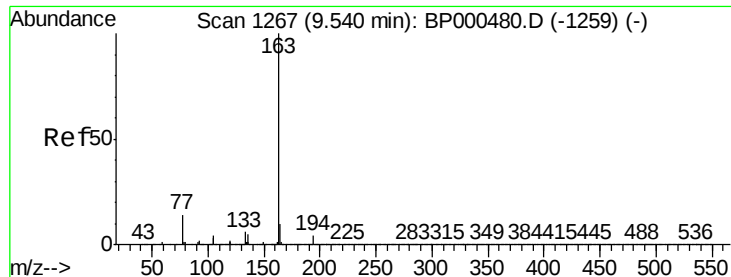
#45
2-Fluorobiphenyl
Concen: 45.431 ng
RT: 9.10 min Scan# 1193
Delta R.T. -0.00 min
Lab File: BP000879.D
Acq: 18 Oct 2019 16:37

Tgt Ion:172 Resp: 905044
Ion Ratio Lower Upper
172 100
171 35.4 29.0 43.4
170 23.3 19.3 28.9



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: 8.561 ng

RT: 9.50 min Scan# 1260

Delta R.T. -0.01 min

Lab File: BP000879.D

Acq: 18 Oct 2019 16:37

Instrument :

BNA_P

ClientSampleId :

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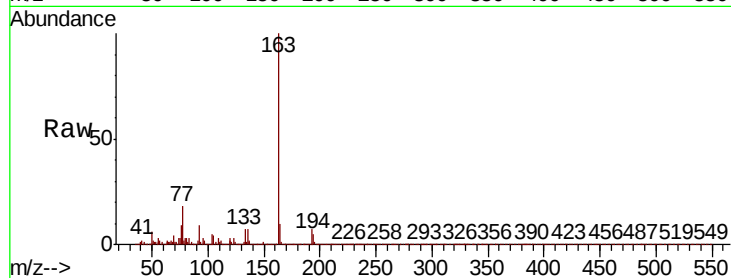
Tot Ion:163 Resp: 191740

Ion Ratio Lower Upper

163 100

194 5.4 3.5 5.3#

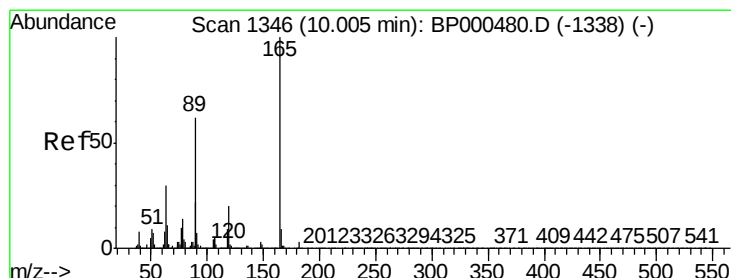
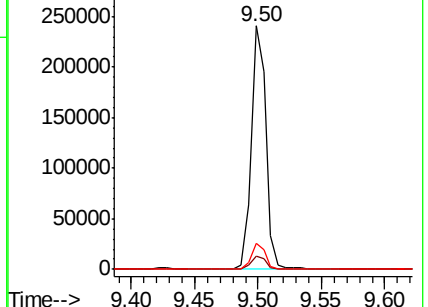
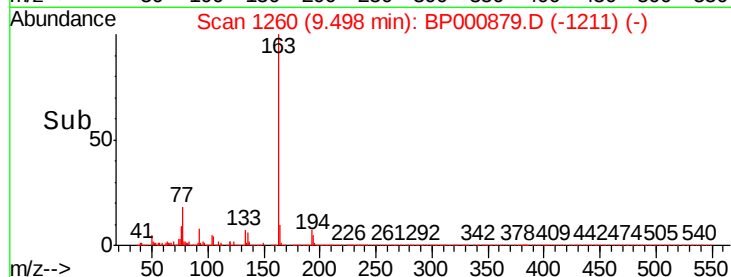
164 10.4 8.3 12.5



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: 6.594 ng

RT: 9.79 min Scan# 1309

Delta R.T. -0.19 min

Lab File: BP000879.D

Acq: 18 Oct 2019 16:37

Tgt Ion:165 Resp: 42704

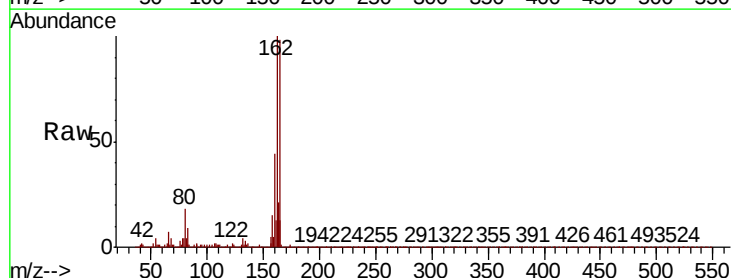
Ion Ratio Lower Upper

165 100

63 1.1 25.4 38.2#

89 1.6 49.2 73.8#

182 0.5 2.3 3.5#

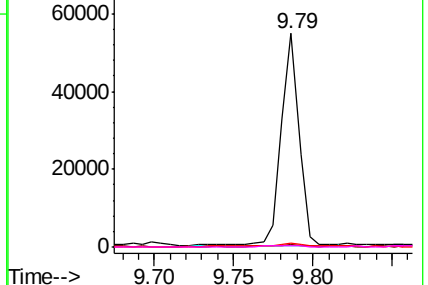
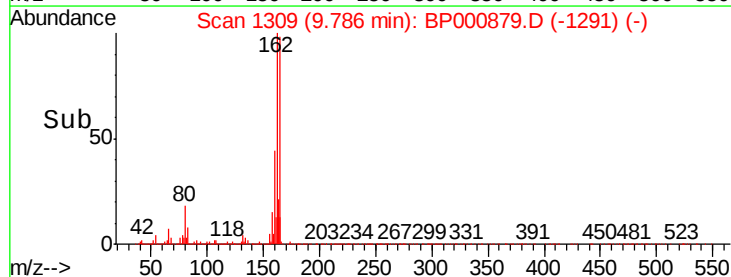


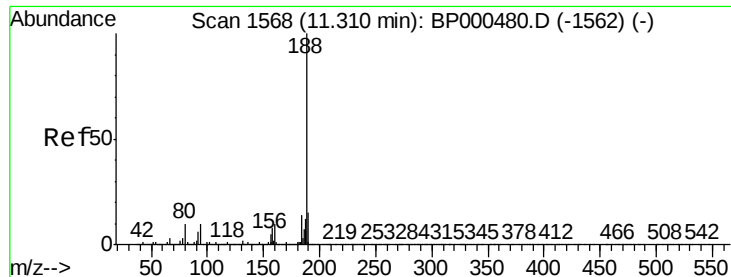
Abundance Ion 165.00 (164.70 to 165.70): E

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

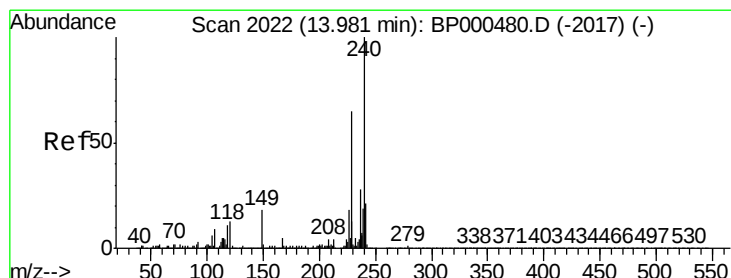
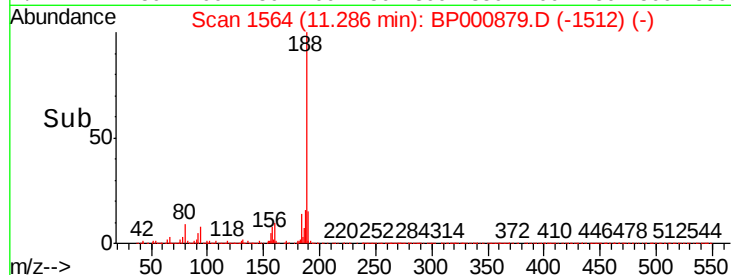
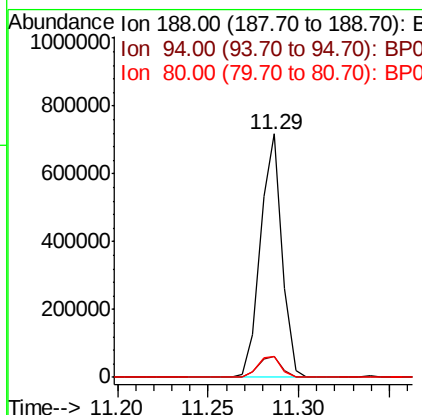
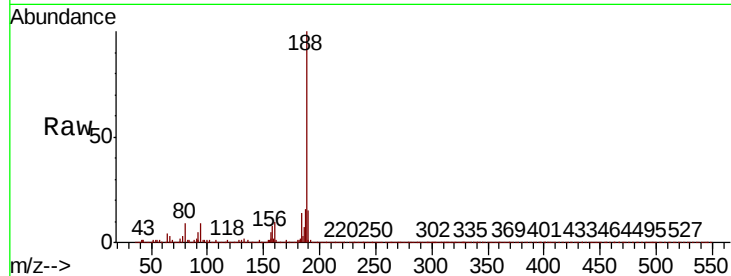




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.29 min Scan# 1564
Delta R.T. 0.01 min
Lab File: BP000879.D
Acq: 18 Oct 2019 16:37

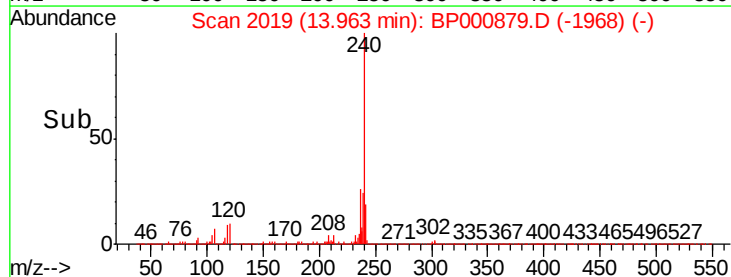
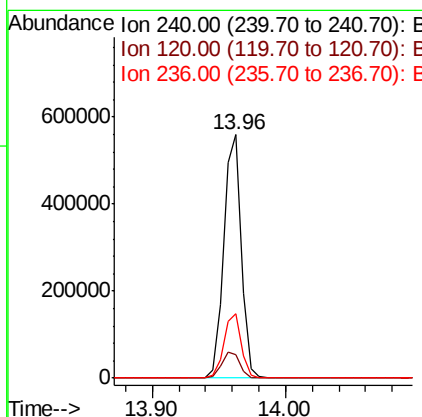
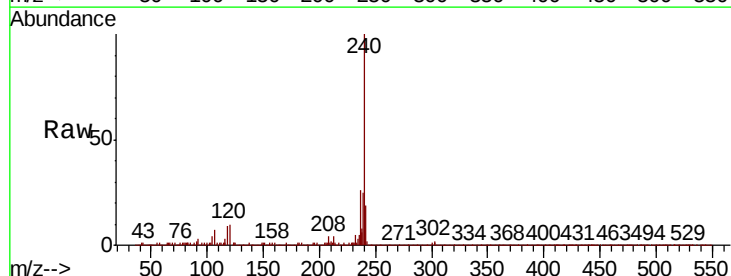
Instrument :
BNA_P
ClientSampleId :
20190897-AMENDED-COMP-KM-CA

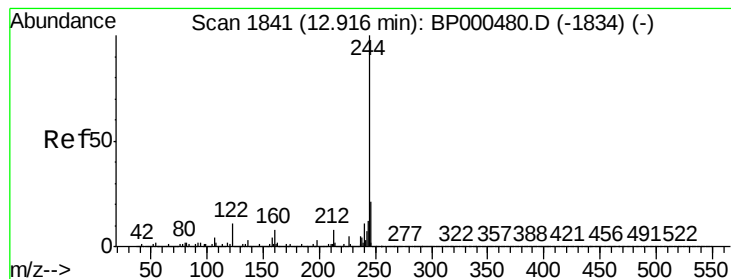
Tot Ion	Ratio	Lower	Upper
188	100		
94	8.6	8.0	12.0
80	8.7	8.2	12.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.00 min
Lab File: BP000879.D
Acq: 18 Oct 2019 16:37

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.7	7.3	10.9
236	26.2	21.2	31.8





#79

Terphenyl-d14

Concen: 45.935 ng

RT: 12.89 min Scan# 1837

Delta R.T. -0.00 min

Lab File: BP000879.D

Acq: 18 Oct 2019 16:37

Instrument :

BNA_P

ClientSampleId :

20190897-AMENDED-COMP-KM-CA

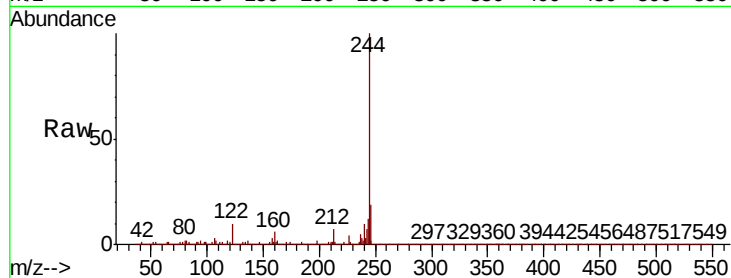
Tot Ion:244 Resp: 1175111

Ion Ratio Lower Upper

244 100

212 6.9 5.5 8.3

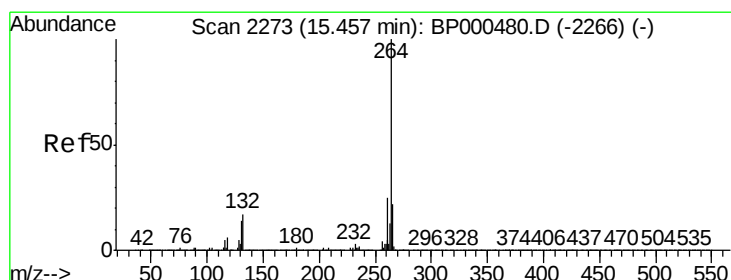
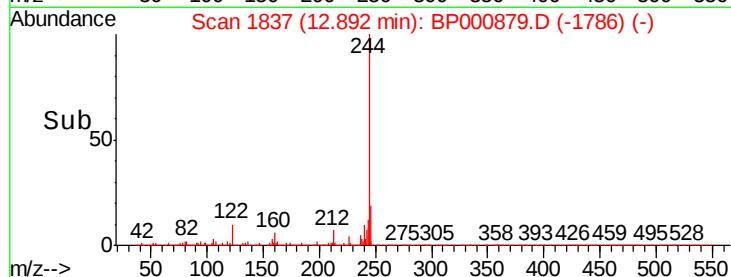
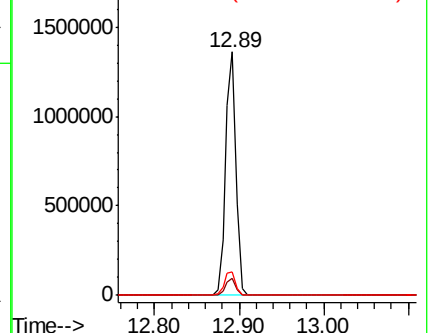
122 9.8 7.1 10.7



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

Perylene-d12

Concen: 20.000 ng

RT: 15.44 min Scan# 2270

Delta R.T. 0.01 min

Lab File: BP000879.D

Acq: 18 Oct 2019 16:37

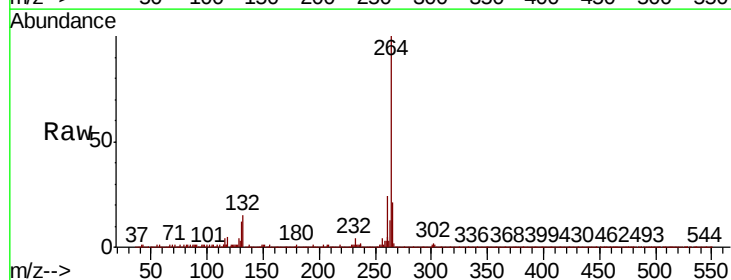
Tgt Ion:264 Resp: 593678

Ion Ratio Lower Upper

264 100

260 24.0 19.3 28.9

265 21.5 17.4 26.0



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

