

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101819\
 Data File : BP000882.D
 Acq On : 18 Oct 2019 17:50
 Operator : JU
 Sample : K5392-03 2X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-22A-S

Quant Time: Oct 19 02:18:18 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

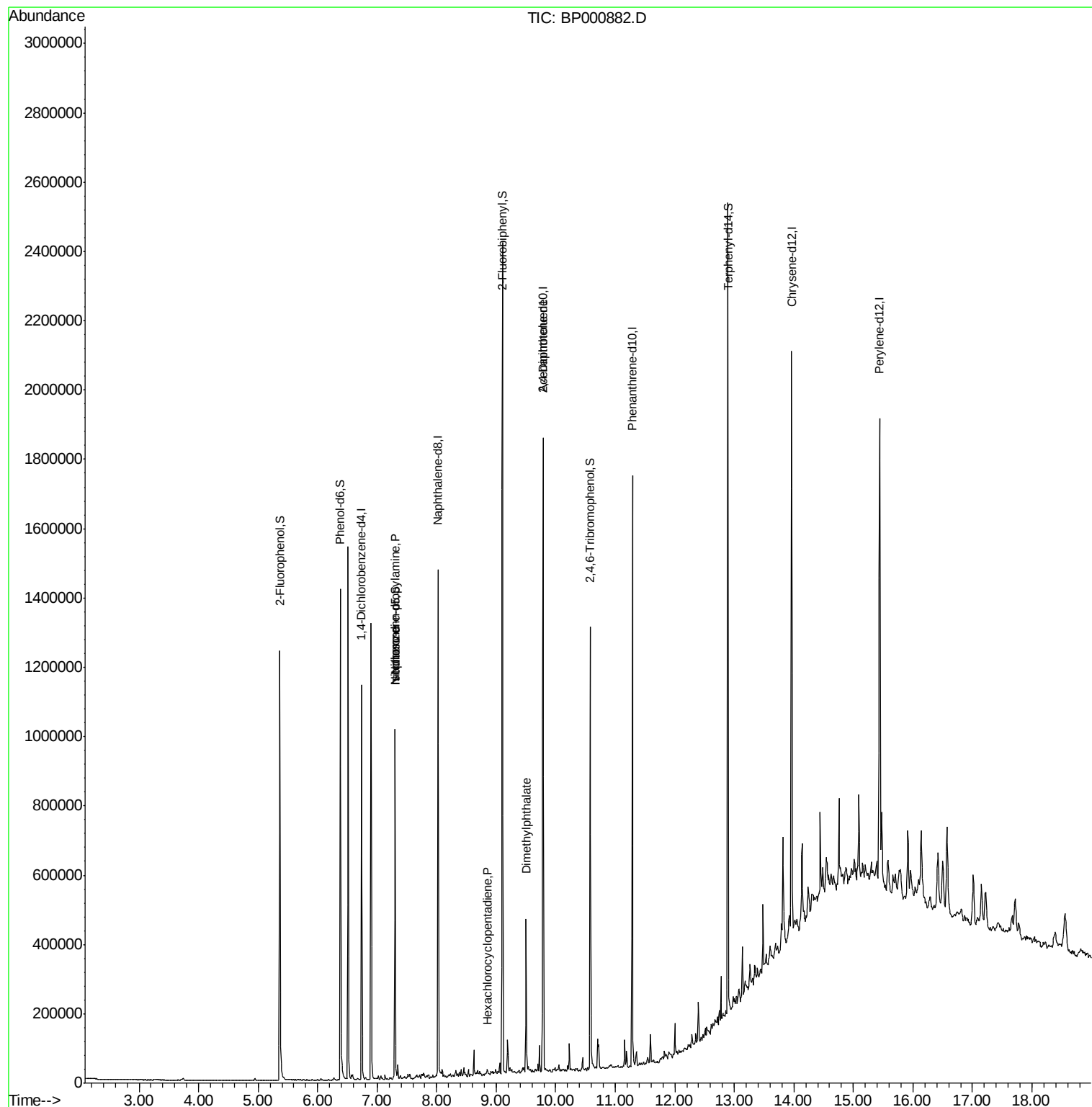
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	163513	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	600493	20.00	ng	0.00
39) Acenaphthene-d10	9.79	164	331245	20.00	ng	0.00
64) Phenanthrene-d10	11.29	188	610396	20.00	ng	0.00
76) Chrysene-d12	13.96	240	536507	20.00	ng	0.00
87) Perylene-d12	15.44	264	635497	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	399168	39.24	ng	0.00
7) Phenol-d6	6.38	99	523429	42.70	ng	0.00
23) Nitrobenzene-d5	7.30	82	283768	28.86	ng	0.00
42) 2,4,6-Tribromophenol	10.58	330	154657	43.81	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	673131	32.88	ng	0.00
79) Terphenyl-d14	12.89	244	803663	30.33	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.30	70	35724	6.323	ng	# 75
25) Isophorone	7.30	82	282462	16.187	ng	# 61
41) Hexachlorocyclopentadiene	8.85	237	21	7.302	ng	76
50) Dimethylphthalate	9.50	163	172906	7.512	ng	100
57) 2,4-Dinitrotoluene	9.79	165	42274	6.352	ng	# 31

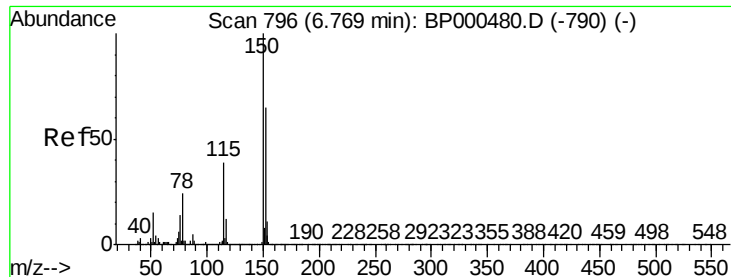
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101819\
Data File : BP000882.D
Acq On : 18 Oct 2019 17:50
Operator : JU
Sample : K5392-03 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-22A-S

Quant Time: Oct 19 02:18:18 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



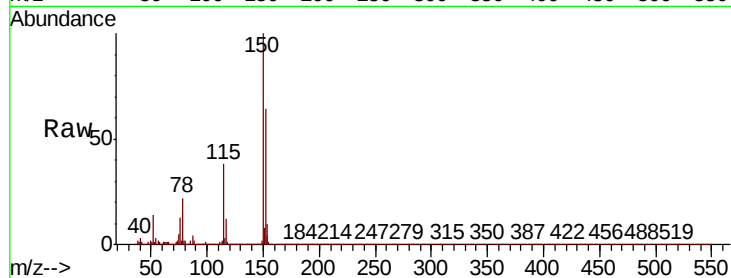


#1

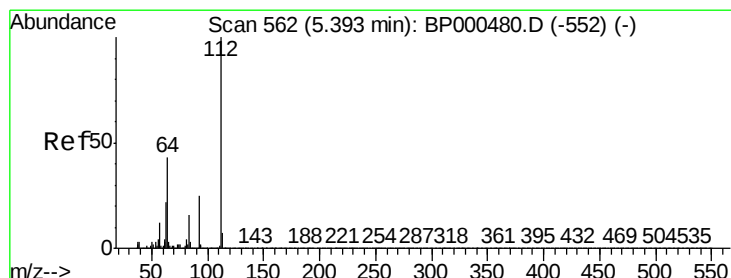
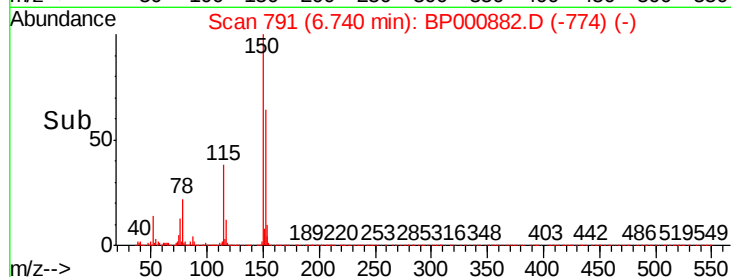
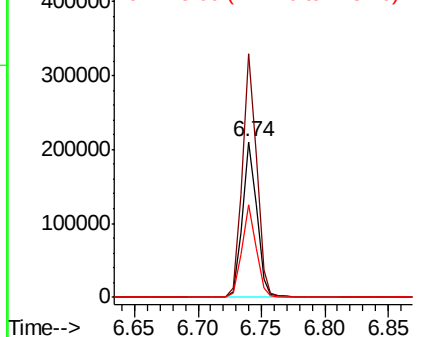
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 791
Delta R.T. -0.00 min
Lab File: BP000882.D
Acq: 18 Oct 2019 17:50

Instrument :
BNA_P
ClientSampleId :
TP-22A-S

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.7	123.8	185.8
115	59.6	46.8	70.2



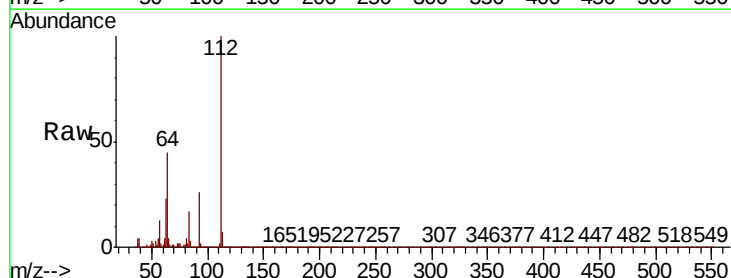
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



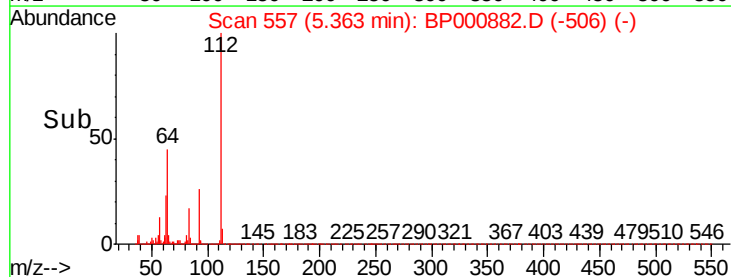
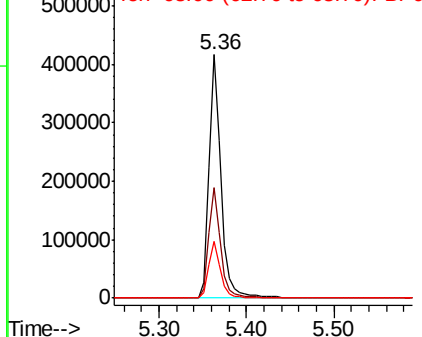
#5

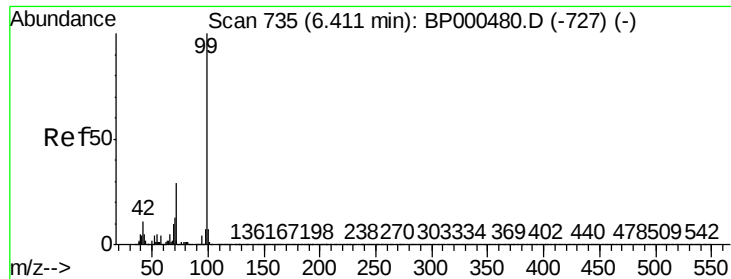
2-Fluorophenol
Concen: 39.241 ng
RT: 5.36 min Scan# 557
Delta R.T. -0.00 min
Lab File: BP000882.D
Acq: 18 Oct 2019 17:50

Tgt Ion	Ratio	Lower	Upper
112	100		
64	45.2	33.9	50.9
63	23.2	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: 42.701 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.01 min

Lab File: BP000882.D

Acq: 18 Oct 2019 17:50

Instrument :

BNA_P

ClientSampleId :

TP-22A-S

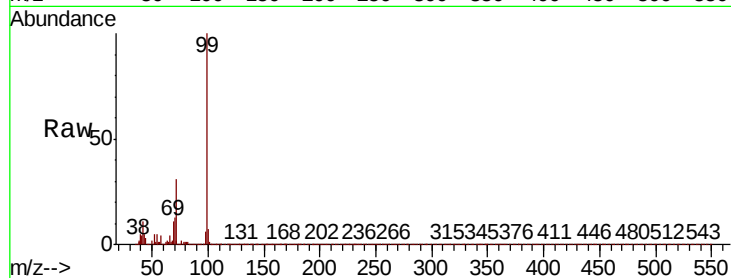
Tot Ion: 99 Resp: 523429

Ion Ratio Lower Upper

99 100

42 11.5 8.7 13.1

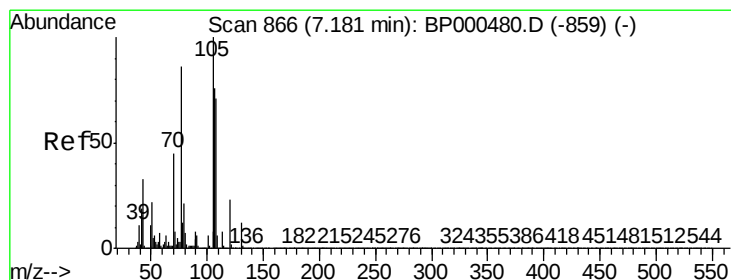
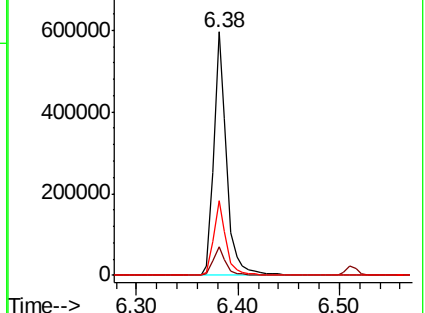
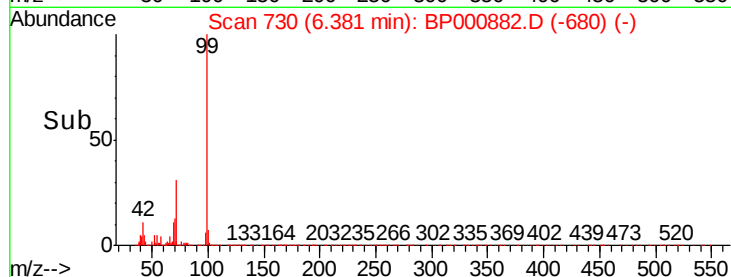
71 30.7 24.1 36.1



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



#19

n-Nitroso-di-n-propylamine

Concen: 6.323 ng

RT: 7.30 min Scan# 886

Delta R.T. 0.15 min

Lab File: BP000882.D

Acq: 18 Oct 2019 17:50

Tgt Ion: 70 Resp: 35724

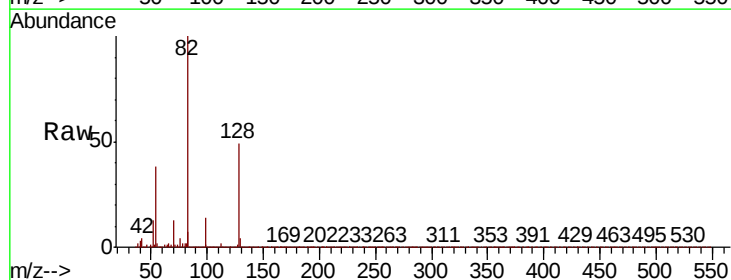
Ion Ratio Lower Upper

70 100

42 35.9 34.0 51.0

101 0.1 9.5 14.3#

130 2.6 21.3 31.9#

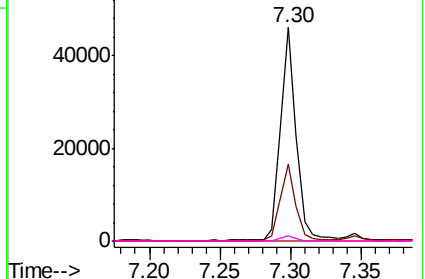
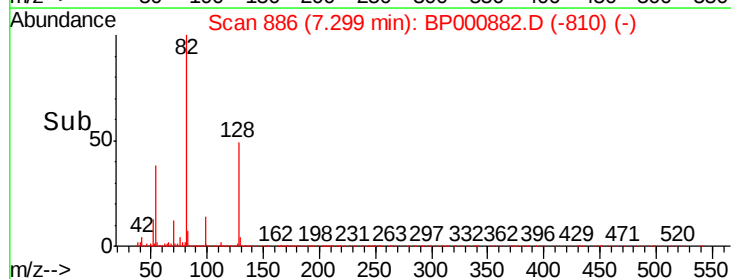


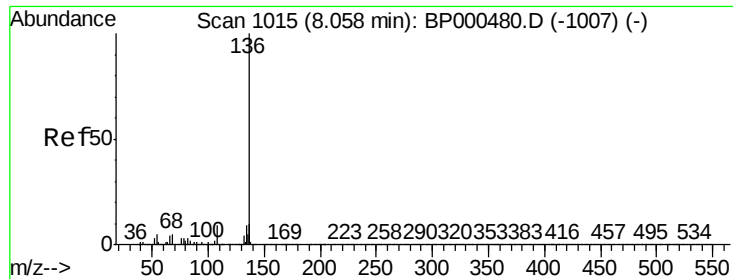
Abundance Ion 70.00 (69.70 to 70.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E

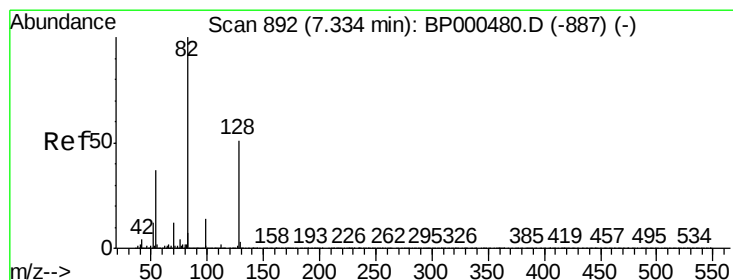
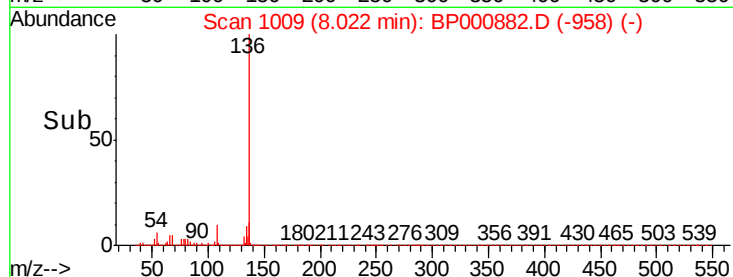
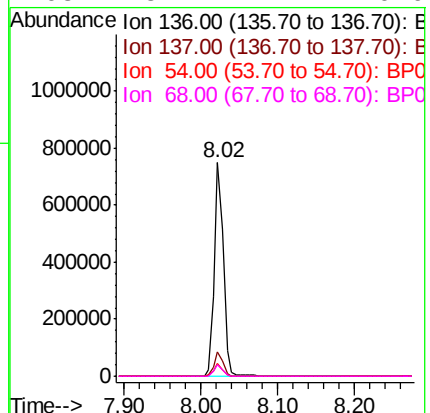
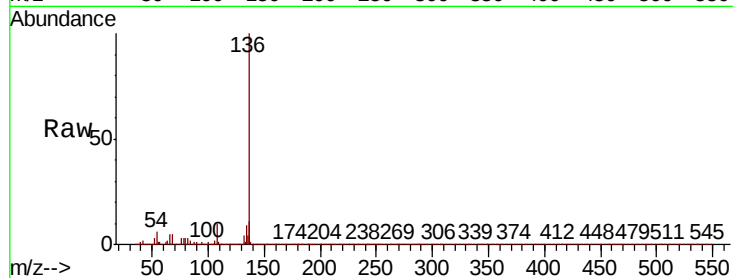




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BP000882.D
Acq: 18 Oct 2019 17:50

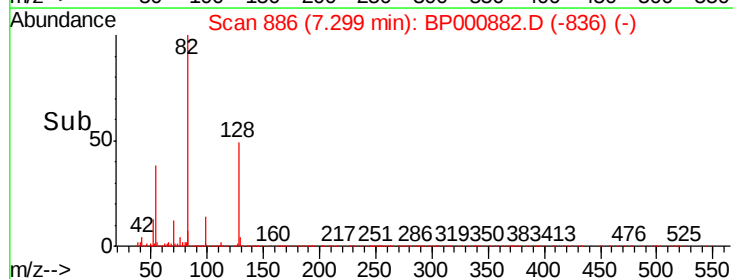
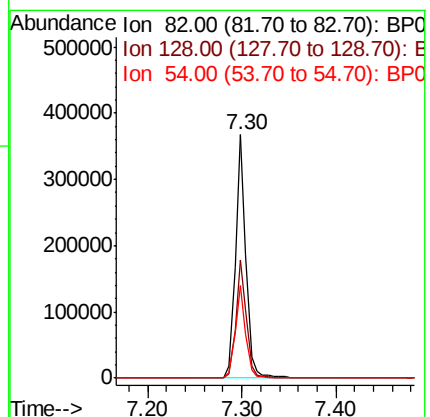
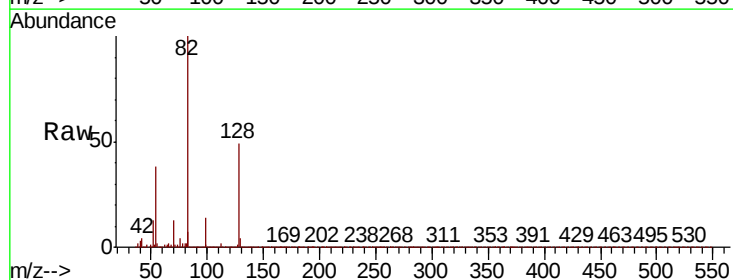
Instrument :
BNA_P
ClientSampleId :
TP-22A-S

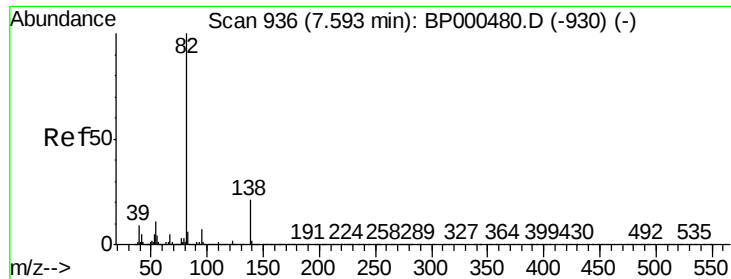
Tot Ion:136	Resp:	600493
Ion Ratio	Lower	Upper
136 100		
137 11.2	8.9	13.3
54 5.9	4.6	6.8
68 5.4	4.4	6.6



#23
Nitrobenzene-d5
Concen: 28.862 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BP000882.D
Acq: 18 Oct 2019 17:50

Tgt Ion: 82	Resp:	283768
Ion Ratio	Lower	Upper
82 100		
128 48.6	41.2	61.8
54 38.0	30.6	45.8





#25

Isophorone

Concen: 16.187 ng

RT: 7.30 min Scan# 886

Delta R.T. -0.26 min

Lab File: BP000882.D

Acq: 18 Oct 2019 17:50

Instrument :

BNA_P

ClientSampleId :

TP-22A-S

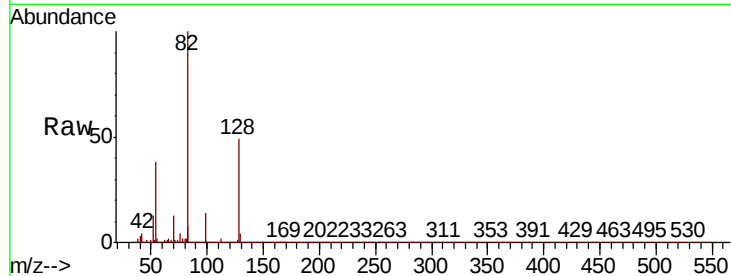
Tot Ion: 82 Resp: 282462

Ion Ratio Lower Upper

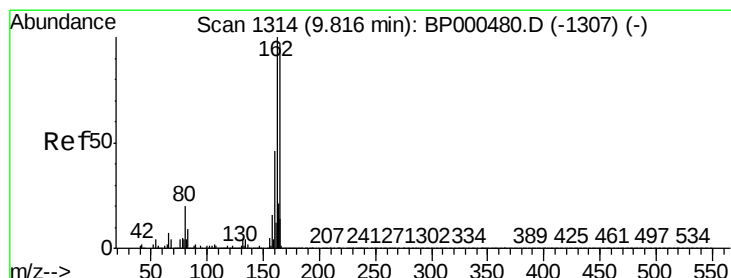
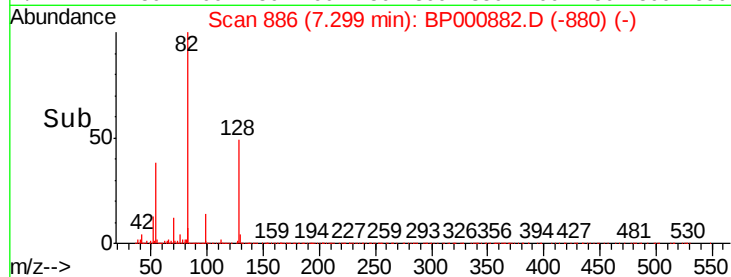
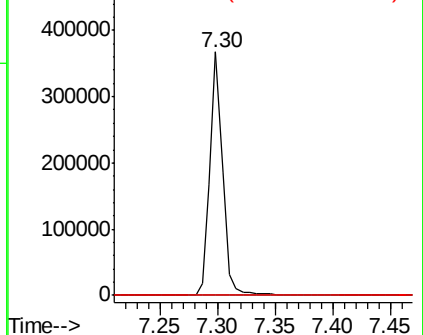
82 100

95 0.1 6.2 9.4#

138 0.0 17.0 25.4#



Abundance Ion 82.00 (81.70 to 82.70): BP0
Ion 95.00 (94.70 to 95.70): BP0
Ion 138.00 (137.70 to 138.70): E



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.79 min Scan# 1309

Delta R.T. -0.00 min

Lab File: BP000882.D

Acq: 18 Oct 2019 17:50

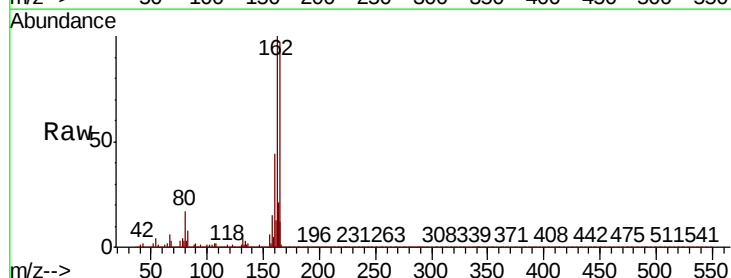
Tgt Ion: 164 Resp: 331245

Ion Ratio Lower Upper

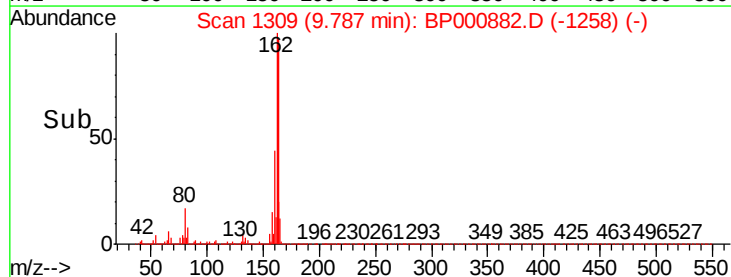
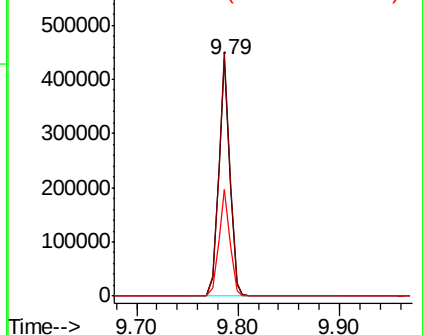
164 100

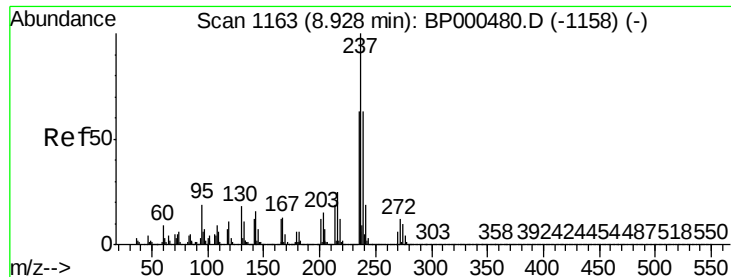
162 102.7 80.6 121.0

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: 7.302 ng

RT: 8.85 min Scan# 1149

Delta R.T. -0.05 min

Lab File: BP000882.D

Acq: 18 Oct 2019 17:50

Instrument :

BNA_P

ClientSampled :

TP-22A-S

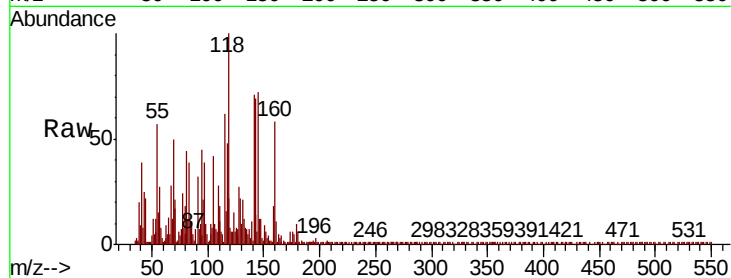
Tot Ion:237 Resp: 21

Ion Ratio Lower Upper

237 100

235 78.9 42.3 82.3

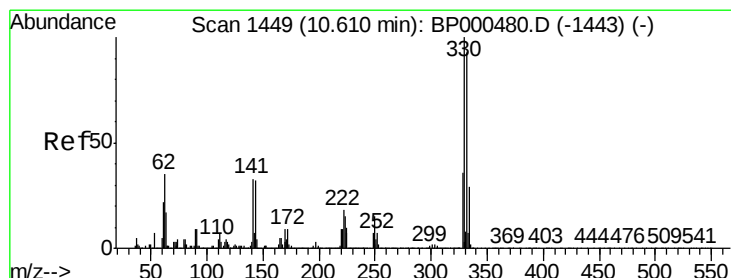
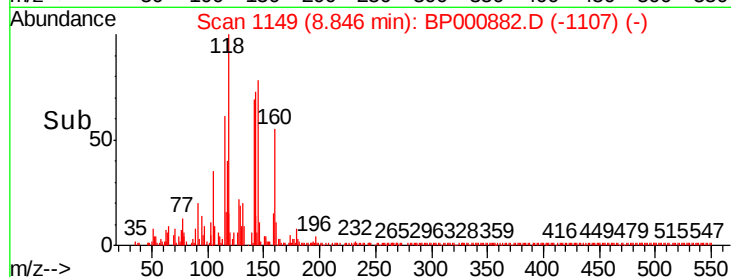
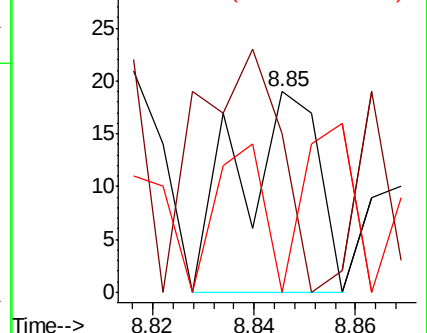
272 0.0 0.0 33.6



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: 43.815 ng

RT: 10.58 min Scan# 1444

Delta R.T. -0.00 min

Lab File: BP000882.D

Acq: 18 Oct 2019 17:50

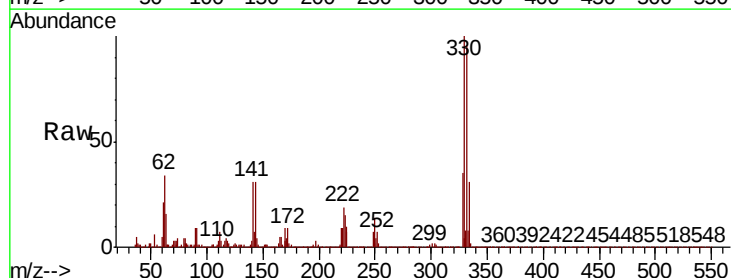
Tgt Ion:330 Resp: 154657

Ion Ratio Lower Upper

330 100

332 96.9 78.2 117.4

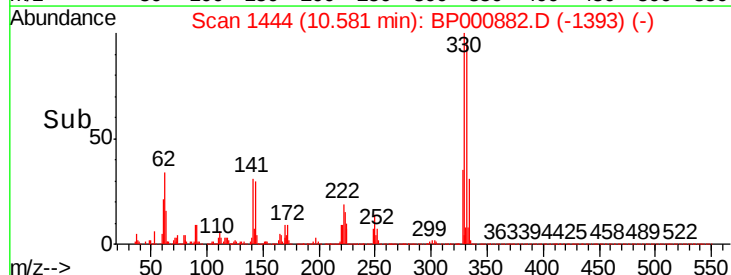
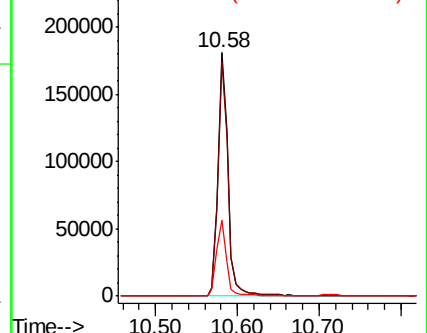
141 30.3 23.7 35.5

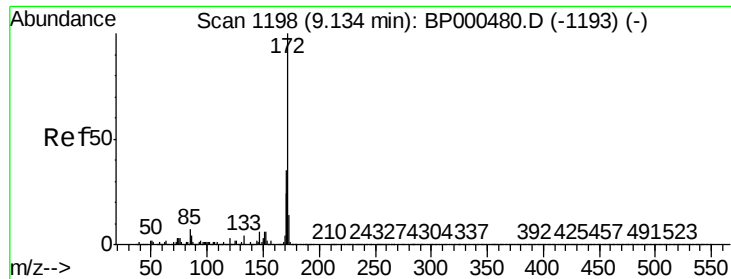


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

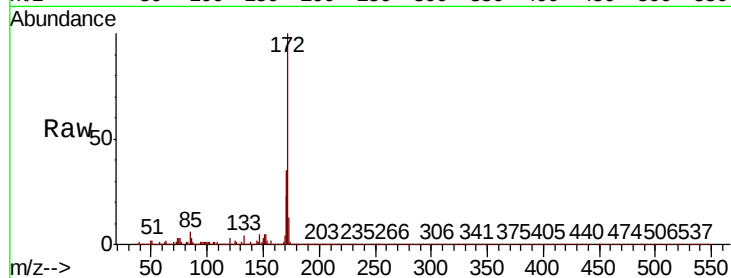




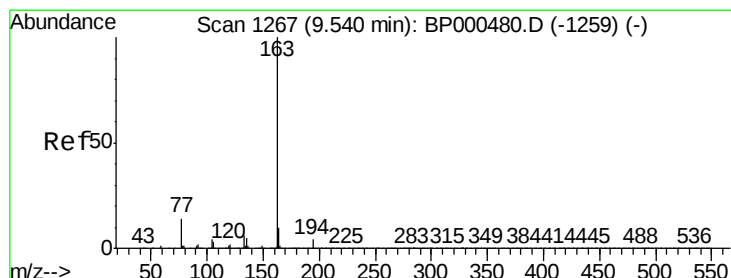
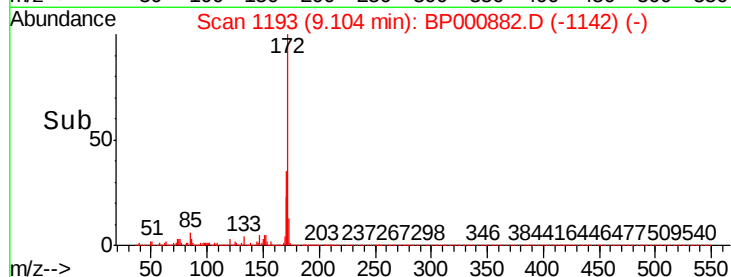
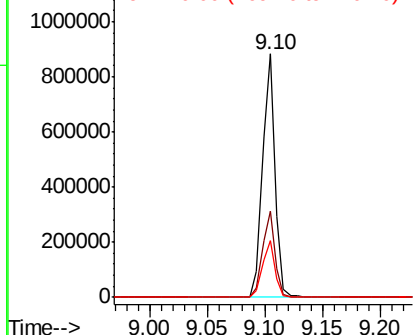
#45
2-Fluorobiphenyl
Concen: 32.880 ng
RT: 9.10 min Scan# 1193
Delta R.T. -0.00 min
Lab File: BP000882.D
Acq: 18 Oct 2019 17:50

Instrument :
BNA_P
ClientSampled :
TP-22A-S

Tot Ion:172 Resp: 673131
Ion Ratio Lower Upper
172 100
171 35.4 29.0 43.4
170 23.2 19.3 28.9

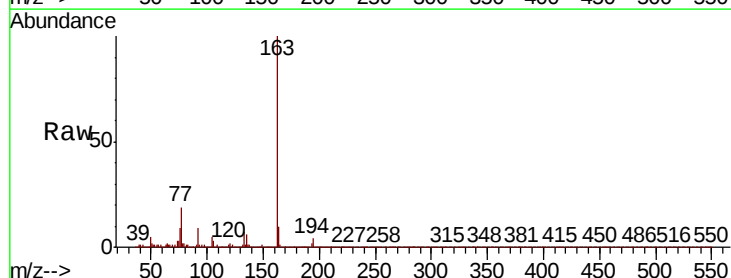


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

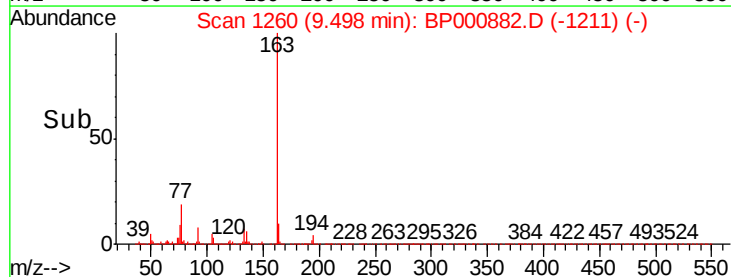
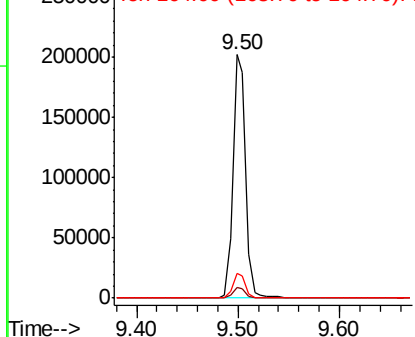


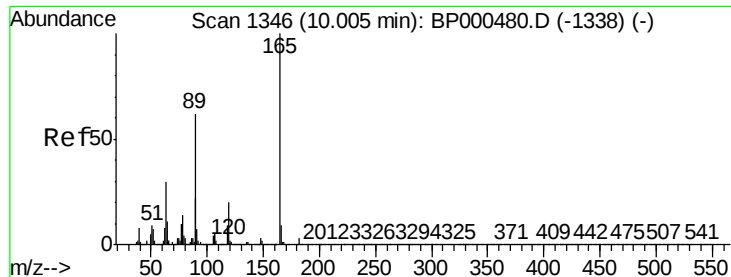
#50
Dimethylphthalate
Concen: 7.512 ng
RT: 9.50 min Scan# 1260
Delta R.T. -0.01 min
Lab File: BP000882.D
Acq: 18 Oct 2019 17:50

Tgt Ion:163 Resp: 172906
Ion Ratio Lower Upper
163 100
194 4.3 3.5 5.3
164 10.2 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

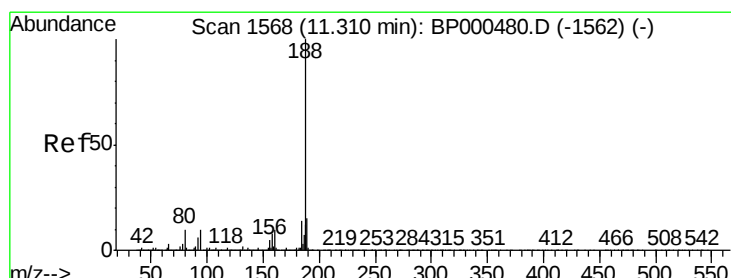
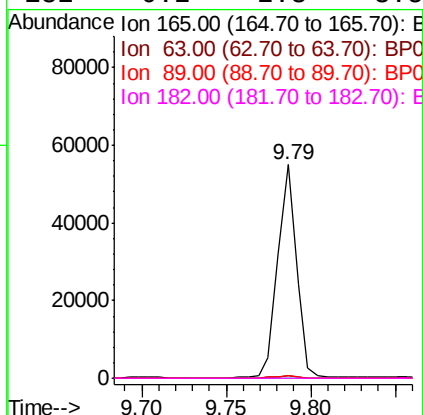
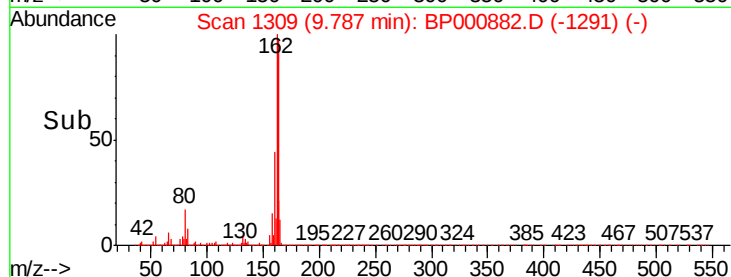
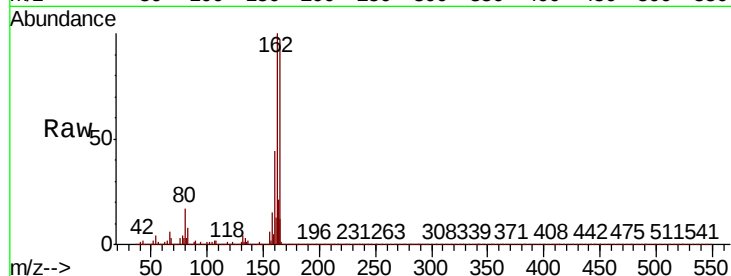




#57
2,4-Dinitrotoluene
Concen: 6.352 ng
RT: 9.79 min Scan# 1309
Delta R.T. -0.19 min
Lab File: BP000882.D
Acq: 18 Oct 2019 17:50

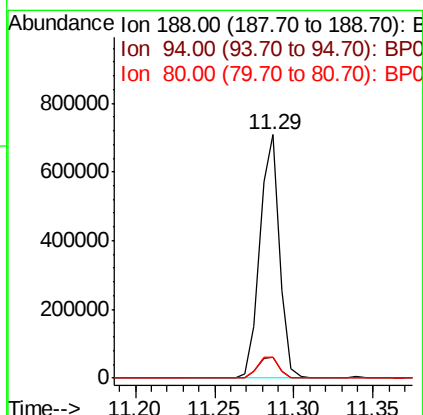
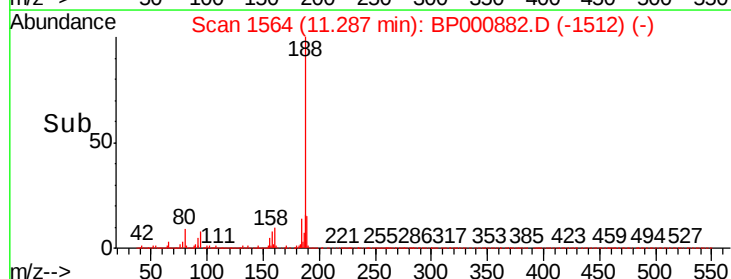
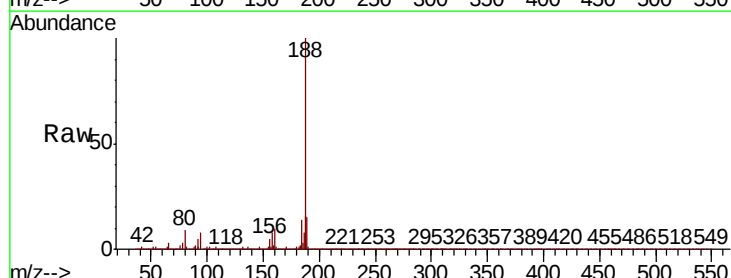
Instrument :
BNA_P
ClientSampleId :
TP-22A-S

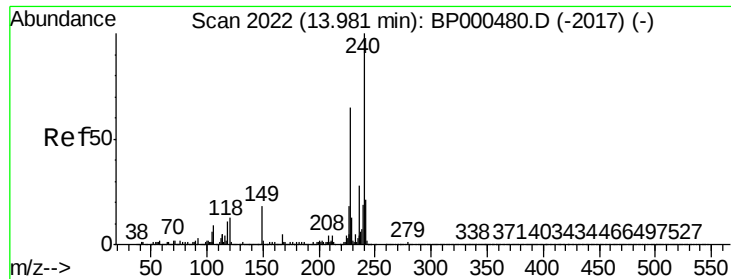
Tot Ion:165 Resp: 42274
Ion Ratio Lower Upper
165 100
63 0.9 25.4 38.2#
89 1.3 49.2 73.8#
182 0.2 2.3 3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.29 min Scan# 1564
Delta R.T. 0.01 min
Lab File: BP000882.D
Acq: 18 Oct 2019 17:50

Tgt Ion:188 Resp: 610396
Ion Ratio Lower Upper
188 100
94 8.5 8.0 12.0
80 8.6 8.2 12.4

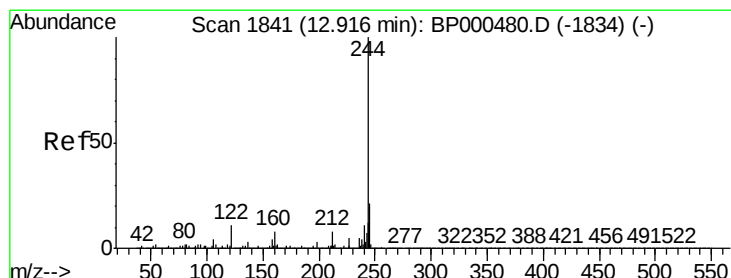
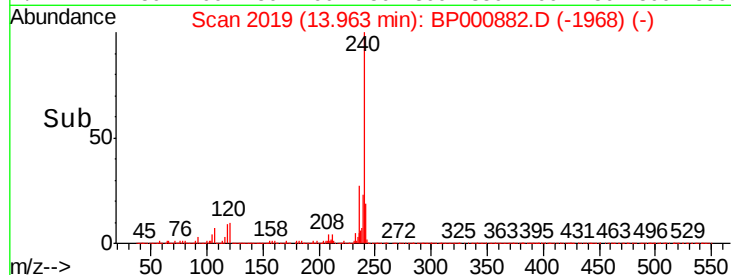
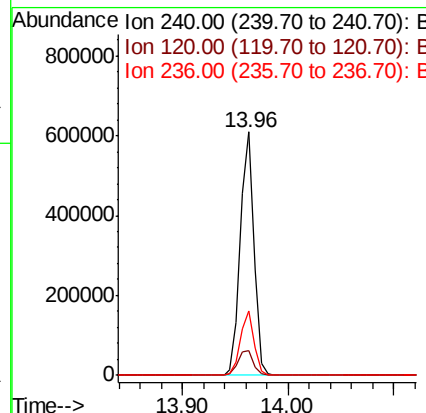
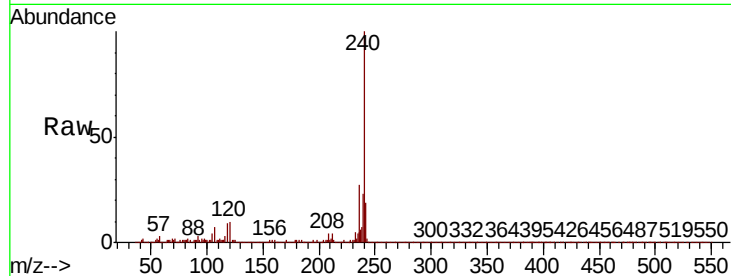




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.00 min
Lab File: BP000882.D
Acq: 18 Oct 2019 17:50

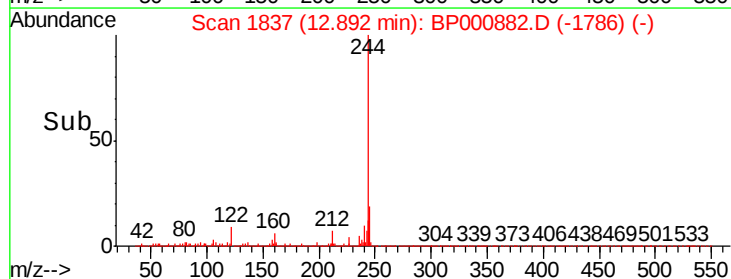
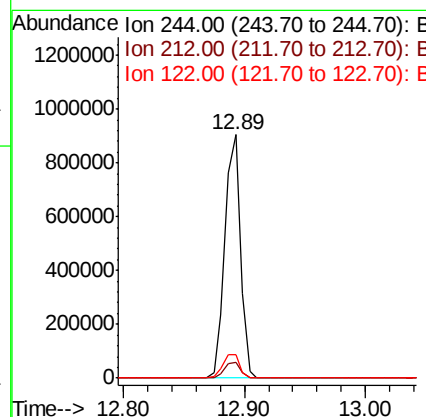
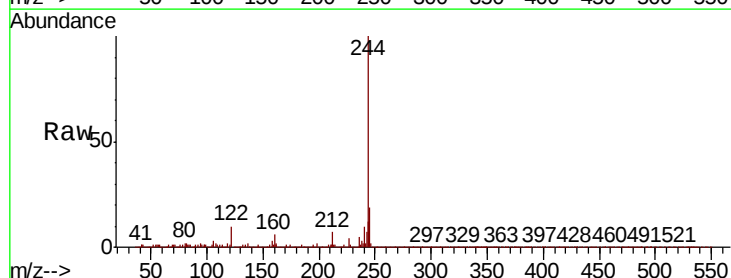
Instrument :
BNA_P
ClientSampleId :
TP-22A-S

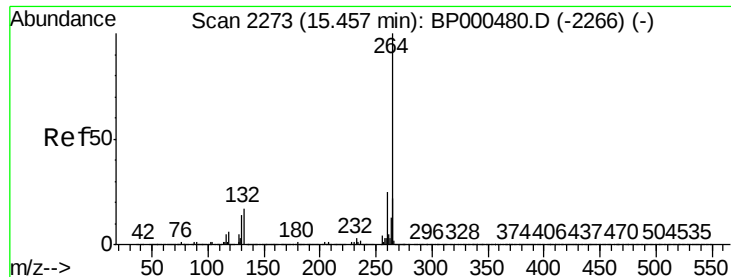
Tot Ion:240 Resp: 536507
Ion Ratio Lower Upper
240 100
120 10.2 7.3 10.9
236 26.6 21.2 31.8



#79
Terphenyl-d14
Concen: 30.329 ng
RT: 12.89 min Scan# 1837
Delta R.T. -0.00 min
Lab File: BP000882.D
Acq: 18 Oct 2019 17:50

Tgt Ion:244 Resp: 803663
Ion Ratio Lower Upper
244 100
212 6.7 5.5 8.3
122 9.5 7.1 10.7

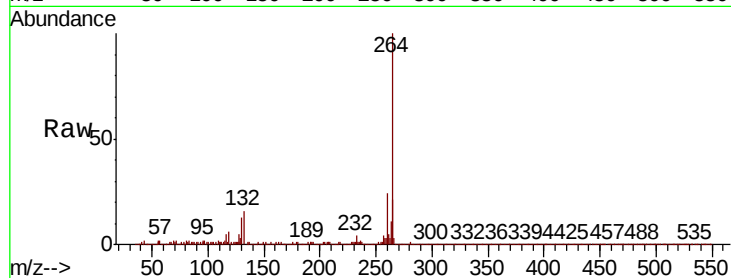




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2270
Delta R.T. 0.01 min
Lab File: BP000882.D
Acq: 18 Oct 2019 17:50

Instrument :
BNA_P
ClientSampleId :
TP-22A-S

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	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

