

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP101019\
 Data File : BP000615.D
 Acq On : 10 Oct 2019 14:51
 Operator : JU
 Sample : K5292-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 20190850-COMPOSITE-B

Quant Time: Oct 11 02:24:34 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP100119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 01 18:03:42 2019
 Response via : Initial Calibration

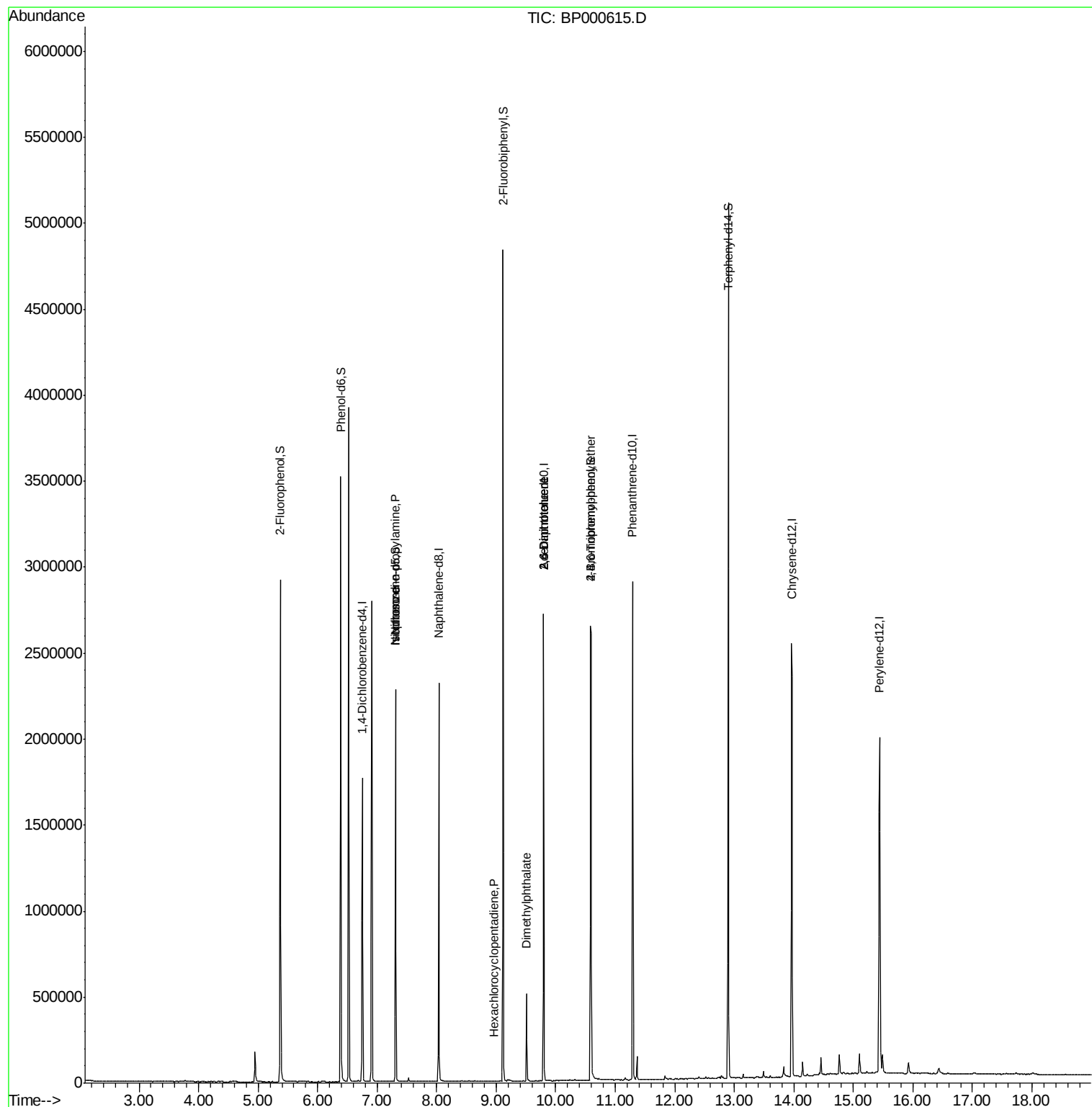
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	245949	20.00	ng	-0.02
21) Naphthalene-d8	8.03	136	916309	20.00	ng	-0.02
39) Acenaphthene-d10	9.80	164	520384	20.00	ng	-0.02
64) Phenanthrene-d10	11.29	188	974624	20.00	ng	-0.02
76) Chrysene-d12	13.96	240	824980	20.00	ng	-0.02
87) Perylene-d12	15.44	264	884192	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	969537	63.37	ng	-0.02
7) Phenol-d6	6.39	99	1247516	67.66	ng	-0.02
23) Nitrobenzene-d5	7.31	82	660345	44.01	ng	-0.02
42) 2,4,6-Tribromophenol	10.59	330	348985	62.93	ng	-0.02
45) 2-Fluorobiphenyl	9.12	172	1395883	43.40	ng	-0.02
79) Terphenyl-d14	12.90	244	1618164	39.71	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.31	70	81138	9.547	ng	# 74
25) Isophorone	7.31	82	659840	24.781	ng	# 61
41) Hexachlorocyclopentadiene	8.98	237	13	7.299	ng	83
50) Dimethylphthalate	9.51	163	181104	5.009	ng	100
51) 2,6-Dinitrotoluene	9.80	165	68380	8.672	ng	# 35
57) 2,4-Dinitrotoluene	9.80	165	68380	6.540	ng	# 31
67) 4-Bromophenyl-phenylether	10.59	248	23964	2.184	ng	# 1

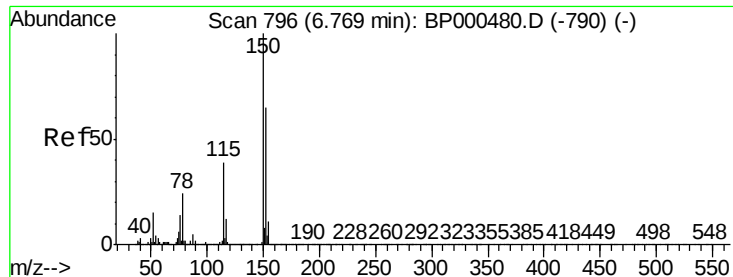
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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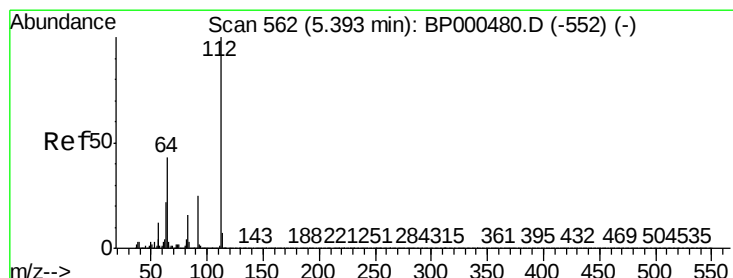
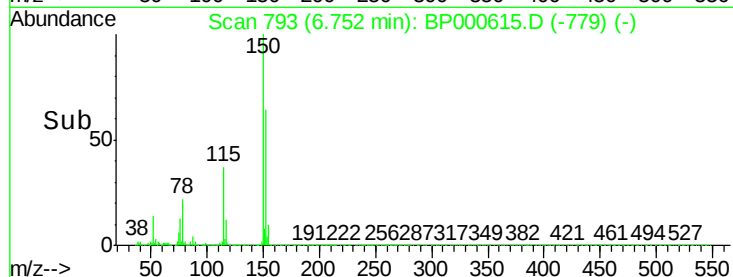
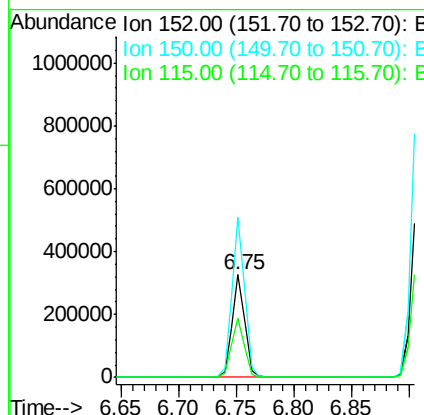
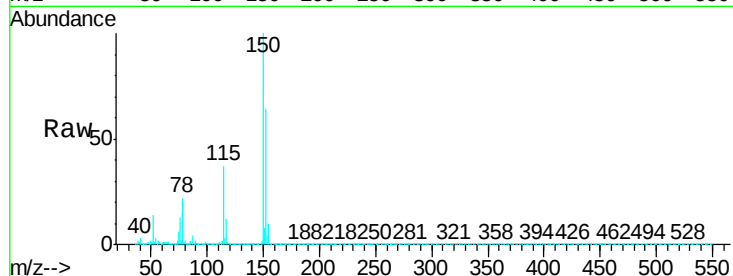


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 793
Delta R.T. -0.02 min
Lab File: BP000615.D
Acq: 10 Oct 2019 14:51

Instrument :
BNA_P
ClientSampleId :
20190850-COMPOSITE-B

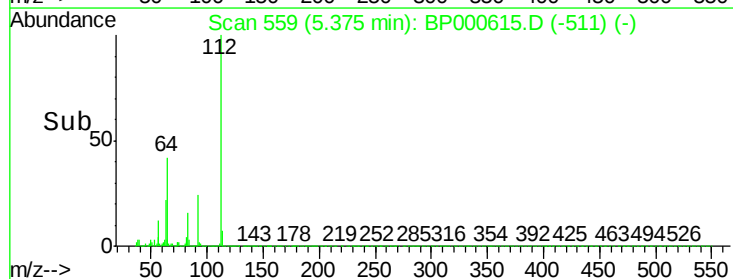
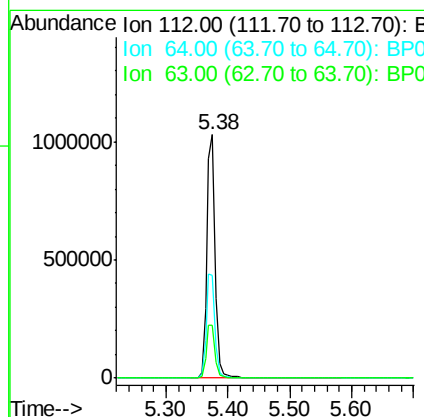
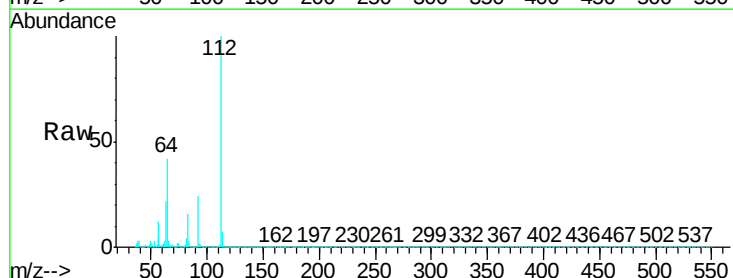
Tgt Ion	Ratio	Lower	Upper
152	100		
150	157.0	124.1	186.1
115	58.4	48.7	73.1

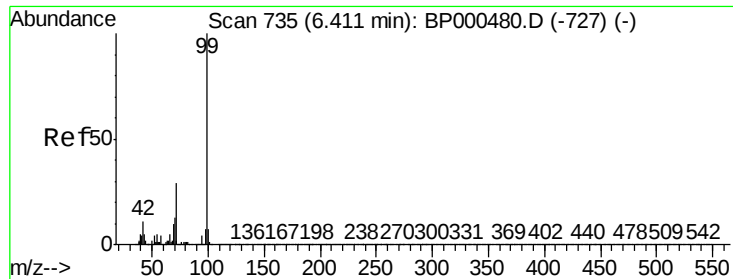


#5

2-Fluorophenol
Concen: 63.366 ng
RT: 5.38 min Scan# 559
Delta R.T. -0.02 min
Lab File: BP000615.D
Acq: 10 Oct 2019 14:51

Tgt Ion	Ratio	Lower	Upper
112	100		
64	42.3	34.2	51.4
63	21.6	17.9	26.9





#7

Phenol-d6

Concen: 67.660 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.02 min

Lab File: BP000615.D

Acq: 10 Oct 2019 14:51

Instrument :

BNA_P

ClientSampleId :

20190850-COMPOSITE-B

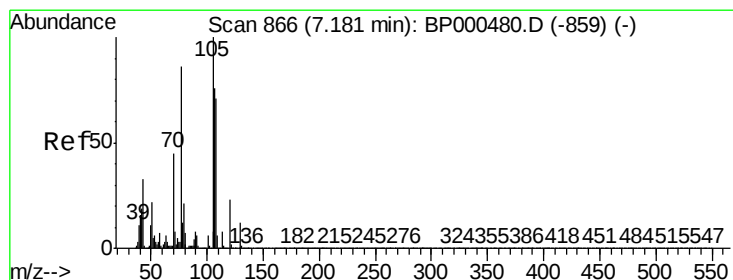
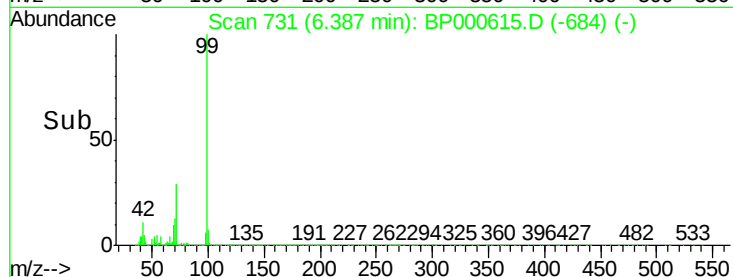
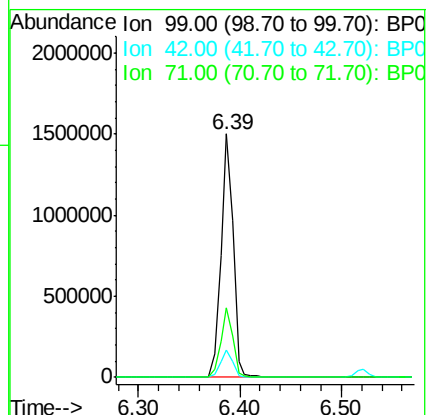
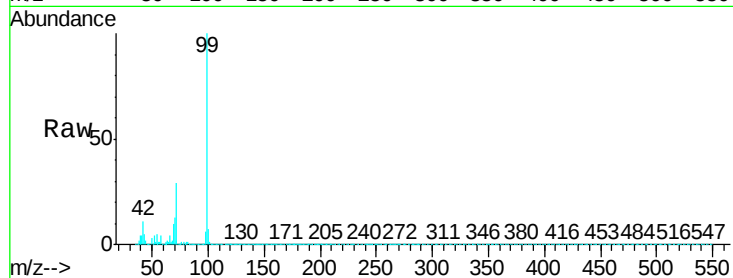
Tgt Ion: 99 Resp: 1247516

Ion Ratio Lower Upper

99 100

42 11.2 8.6 12.8

71 28.7 23.0 34.4



#19

n-Nitroso-di-n-propylamine

Concen: 9.547 ng

RT: 7.31 min Scan# 888

Delta R.T. 0.13 min

Lab File: BP000615.D

Acq: 10 Oct 2019 14:51

Tgt Ion: 70 Resp: 81138

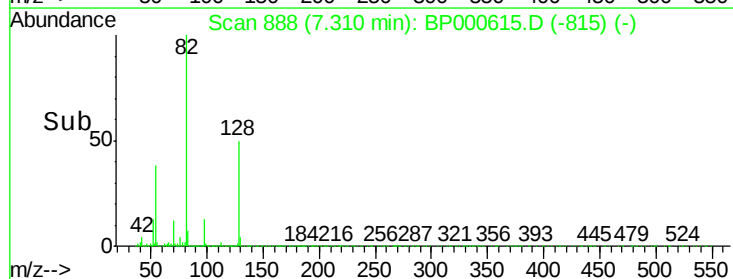
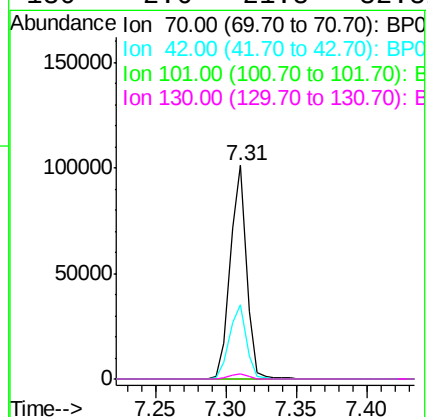
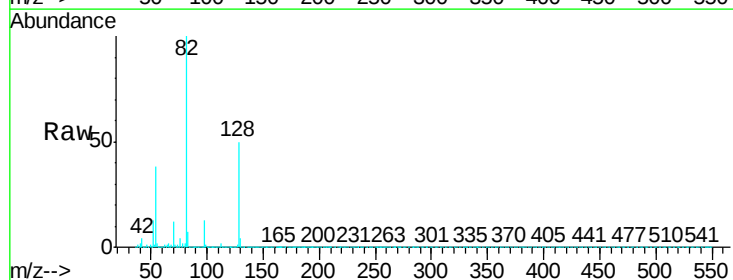
Ion Ratio Lower Upper

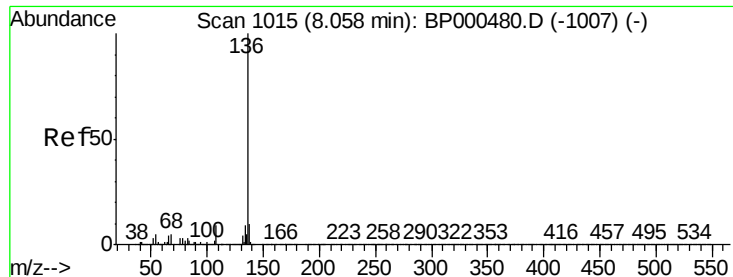
70 100

42 34.5 33.2 49.8

101 0.1 9.9 14.9#

130 2.6 21.8 32.8#

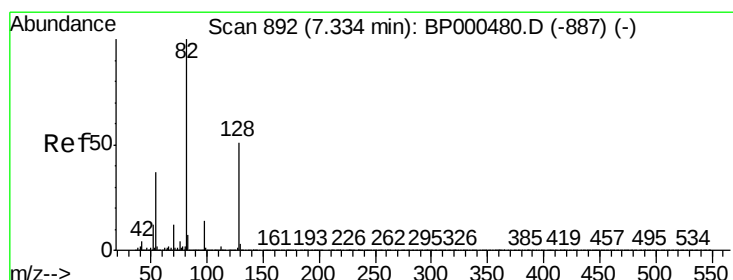
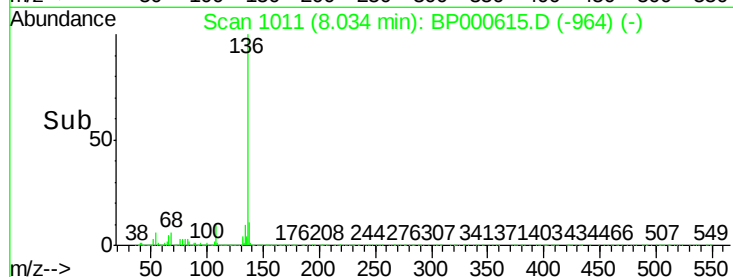
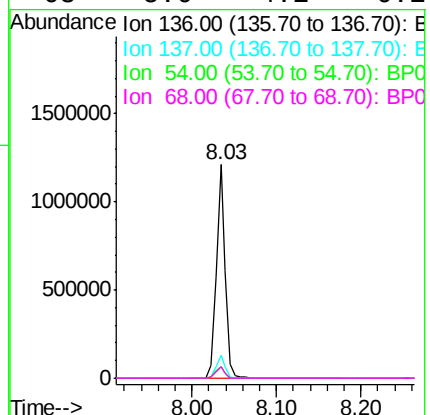
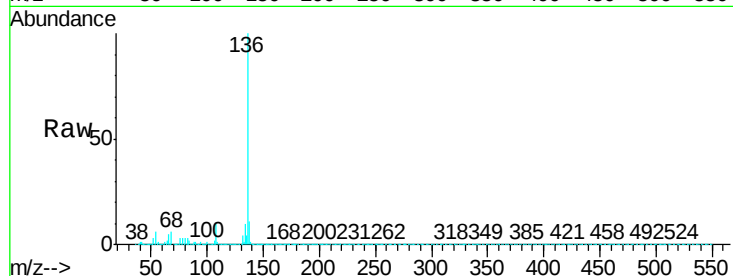




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.02 min
Lab File: BP000615.D
Acq: 10 Oct 2019 14:51

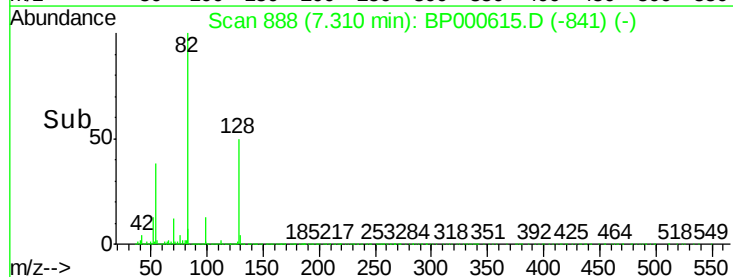
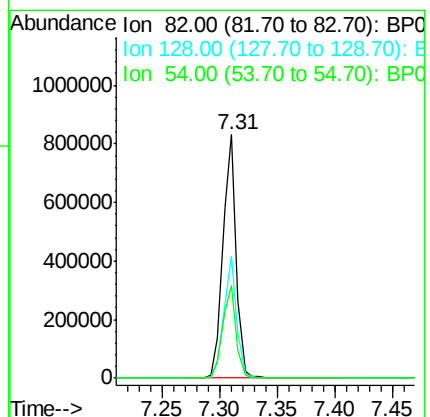
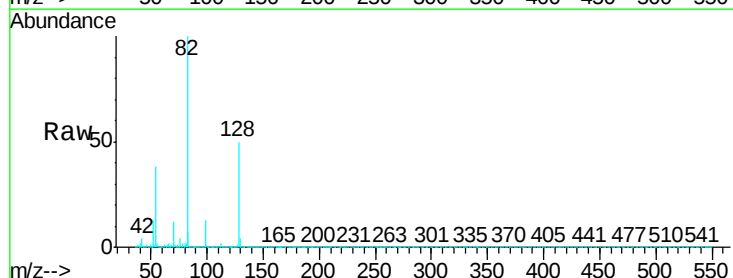
Instrument :
BNA_P
ClientSampleId :
20190850-COMPOSITE-B

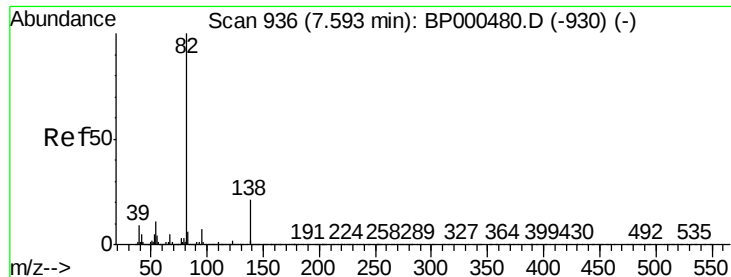
Tgt Ion:	136	Resp:	916309
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.2	12.4
54	5.7	4.1	6.1
68	5.6	4.1	6.1



#23
Nitrobenzene-d5
Concen: 44.014 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.02 min
Lab File: BP000615.D
Acq: 10 Oct 2019 14:51

Tgt Ion:	82	Resp:	660345
Ion Ratio	Lower	Upper	
82	100		
128	50.3	40.9	61.3
54	37.8	29.4	44.2





#25

Isophorone

Concen: 24.781 ng

RT: 7.31 min Scan# 888

Delta R.T. -0.28 min

Lab File: BP000615.D

Acq: 10 Oct 2019 14:51

Instrument :

BNA_P

ClientSampleId :

20190850-COMPOSITE-B

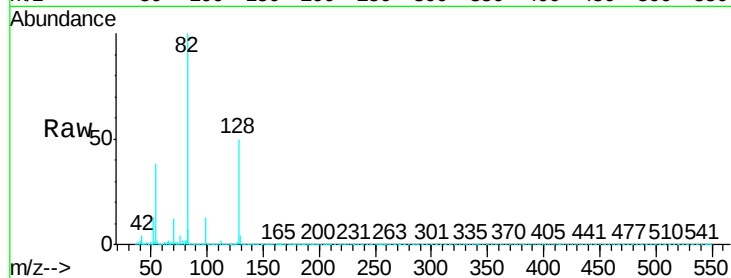
Tgt Ion: 82 Resp: 659840

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

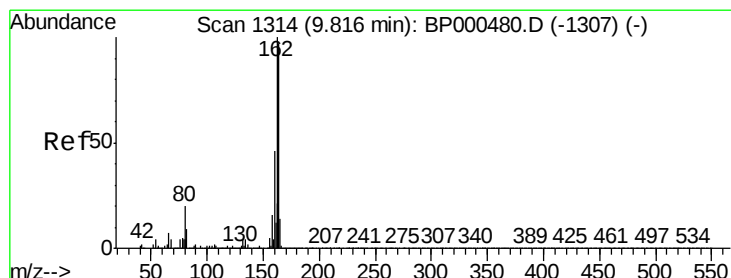
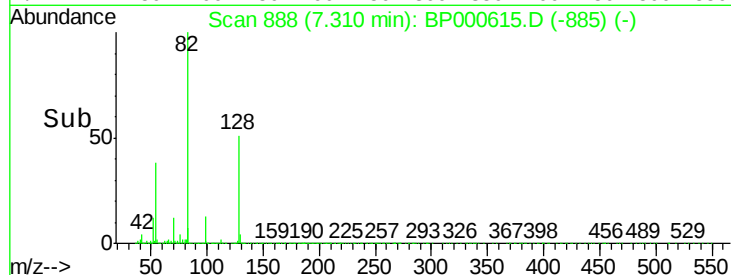
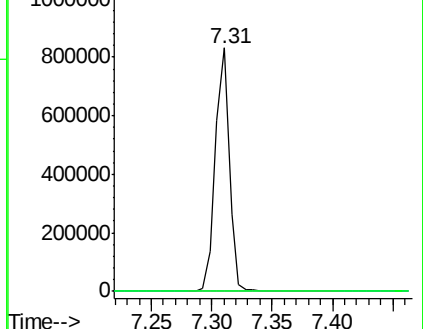
138 0.0 17.0 25.4#



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: 9.80 min Scan# 1311

Delta R.T. -0.02 min

Lab File: BP000615.D

Acq: 10 Oct 2019 14:51

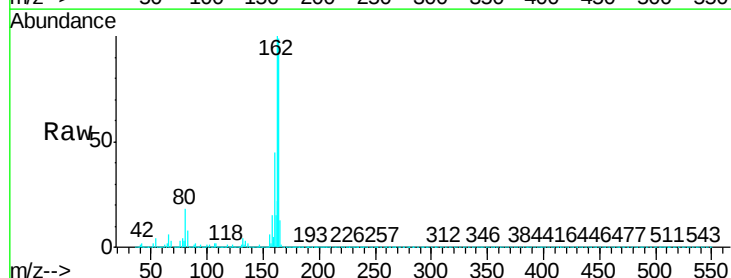
Tgt Ion: 164 Resp: 520384

Ion Ratio Lower Upper

164 100

162 101.5 82.2 123.2

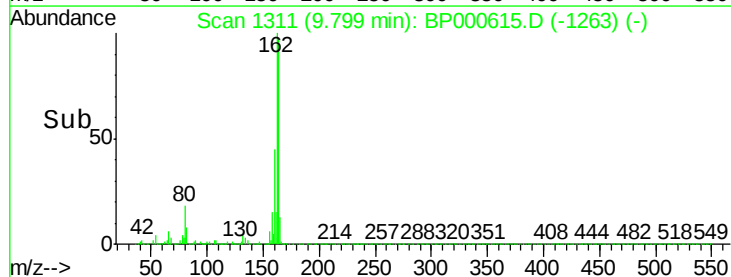
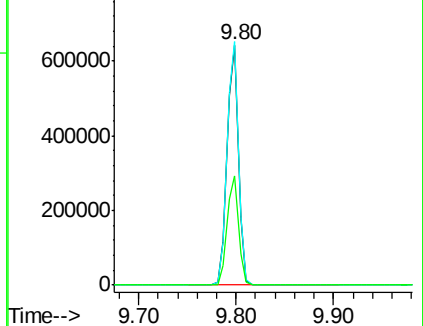
160 45.6 37.6 56.4

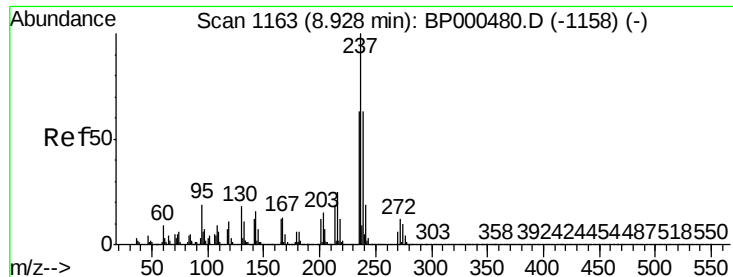


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#41

Hexachlorocyclopentadiene

Concen: 7.299 ng

RT: 8.98 min Scan# 1171

Delta R.T. 0.05 min

Lab File: BP000615.D

Acq: 10 Oct 2019 14:51

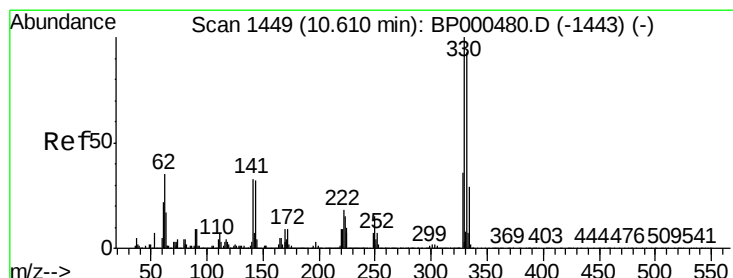
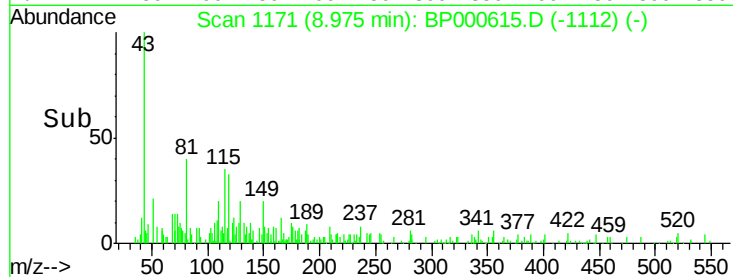
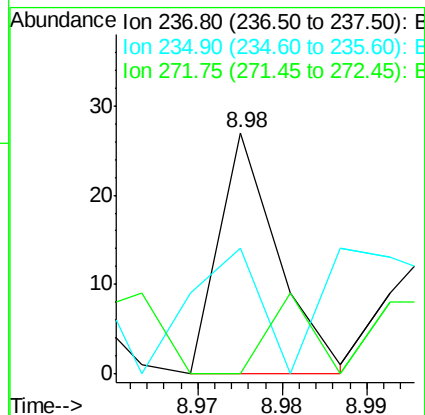
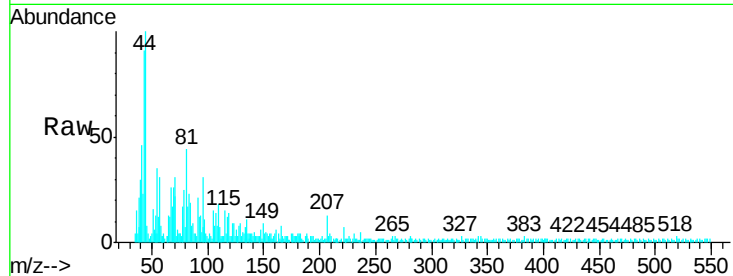
Instrument :

BNA_P

ClientSampleId :

20190850-COMPOSITE-B

Tgt Ion:	237	Resp:	13
Ion	Ratio	Lower	Upper
237	100		
235	51.9	42.9	82.9
272	0.0	0.0	32.4



#42

2,4,6-Tribromophenol

Concen: 62.933 ng

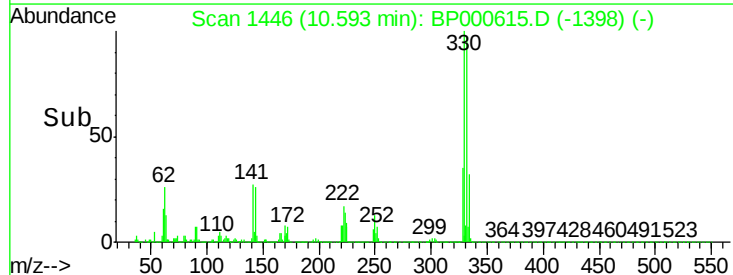
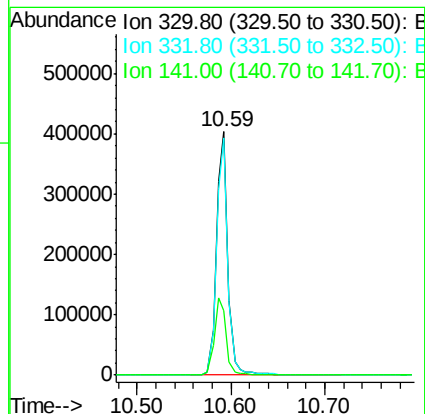
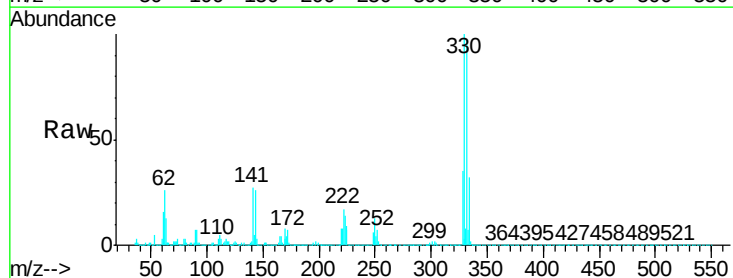
RT: 10.59 min Scan# 1446

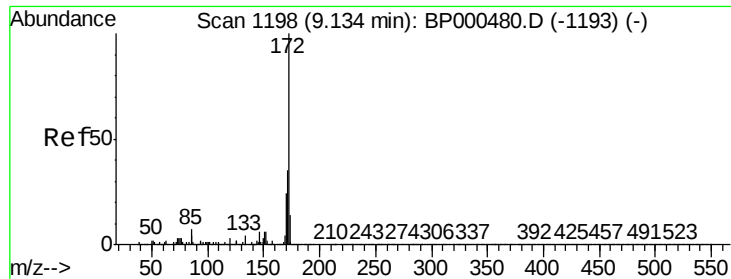
Delta R.T. -0.02 min

Lab File: BP000615.D

Acq: 10 Oct 2019 14:51

Tgt Ion:	330	Resp:	348985
Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.1	115.7
141	33.3	26.0	39.0

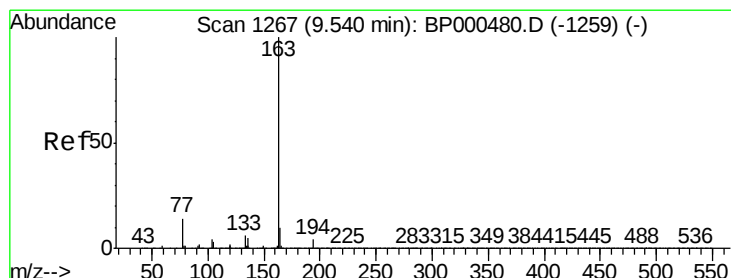
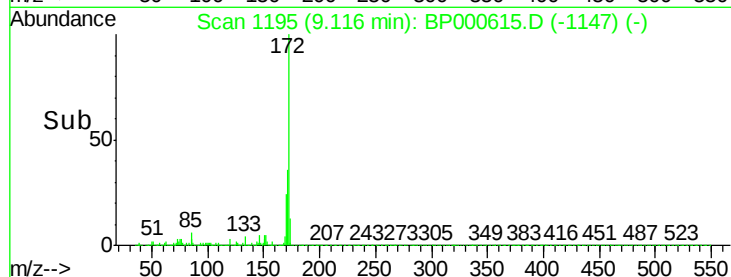
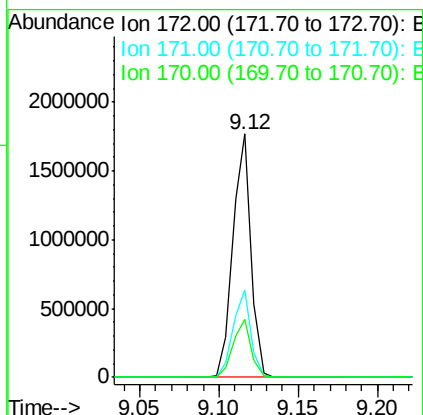
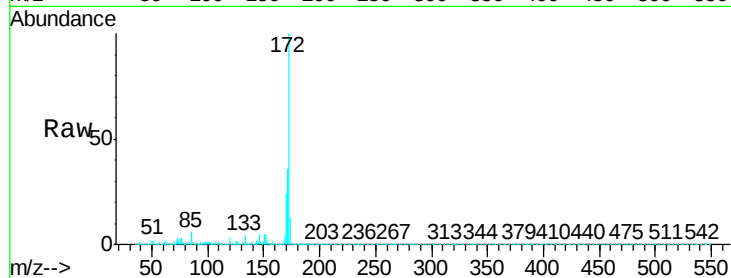




#45
2-Fluorobiphenyl
Concen: 43.401 ng
RT: 9.12 min Scan# 1195
Delta R.T. -0.02 min
Lab File: BP000615.D
Acq: 10 Oct 2019 14:51

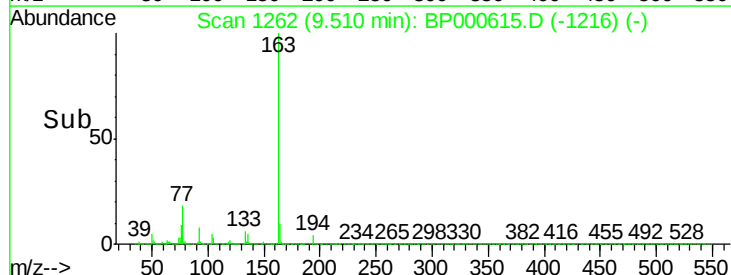
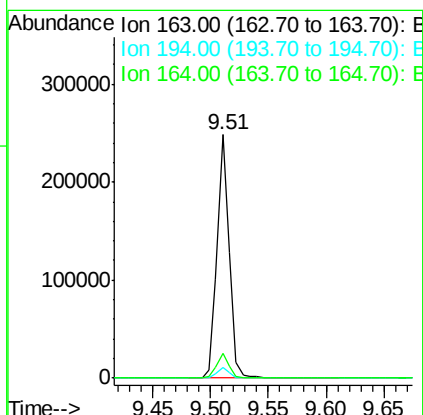
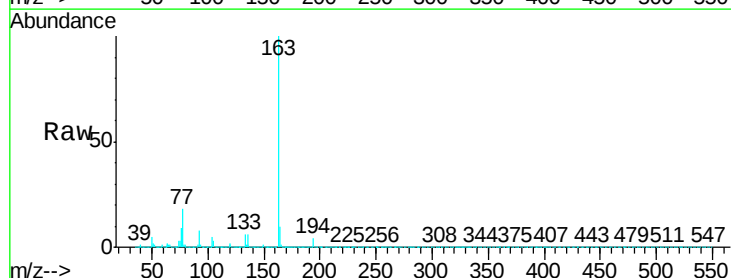
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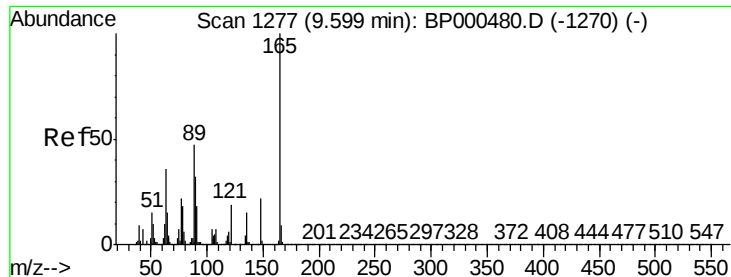
Tgt Ion:172 Resp: 1395883
Ion Ratio Lower Upper
172 100
171 36.0 28.4 42.6
170 23.9 19.1 28.7



#50
Dimethylphthalate
Concen: 5.009 ng
RT: 9.51 min Scan# 1262
Delta R.T. -0.03 min
Lab File: BP000615.D
Acq: 10 Oct 2019 14:51

Tgt Ion:163 Resp: 181104
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.2
164 10.0 8.0 12.0





#51

2,6-Dinitrotoluene

Concen: 8.672 ng

RT: 9.80 min Scan# 1311

Delta R.T. 0.20 min

Lab File: BP000615.D

Acq: 10 Oct 2019 14:51

Instrument :

BNA_P

ClientSampleId :

20190850-COMPOSITE-B

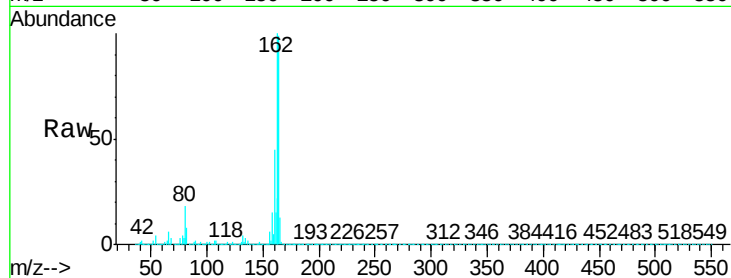
Tgt Ion:165 Resp: 68380

Ion Ratio Lower Upper

165 100

63 0.8 29.9 44.9#

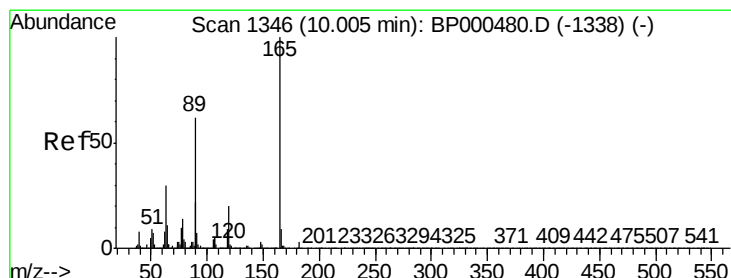
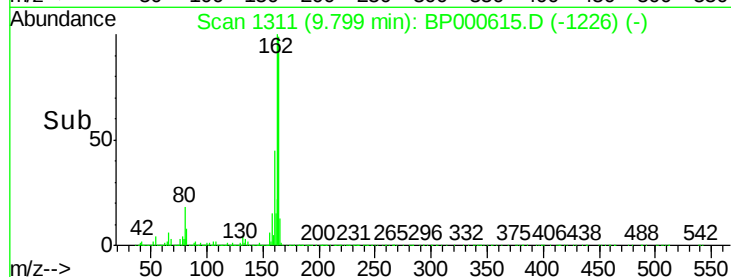
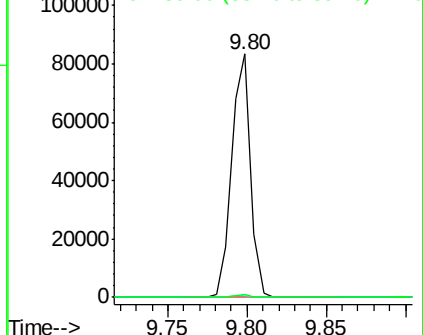
89 1.2 37.3 55.9#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BPC

Ion 89.00 (88.70 to 89.70): BPC



#57

2,4-Dinitrotoluene

Concen: 6.540 ng

RT: 9.80 min Scan# 1311

Delta R.T. -0.21 min

Lab File: BP000615.D

Acq: 10 Oct 2019 14:51

Tgt Ion:165 Resp: 68380

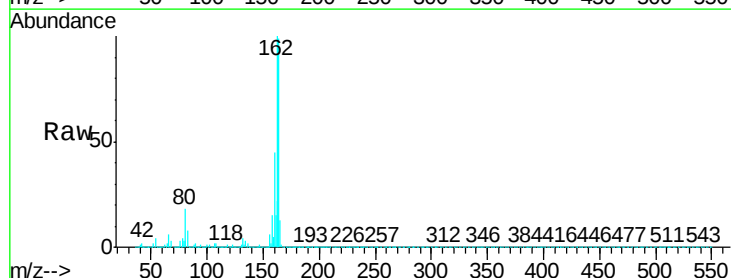
Ion Ratio Lower Upper

165 100

63 0.8 24.2 36.4#

89 1.2 49.4 74.0#

182 0.0 2.5 3.7#

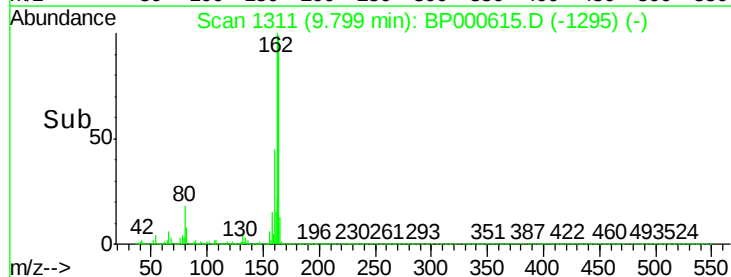
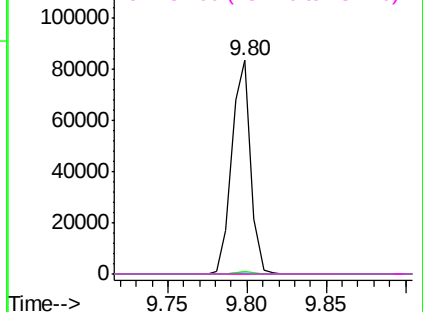


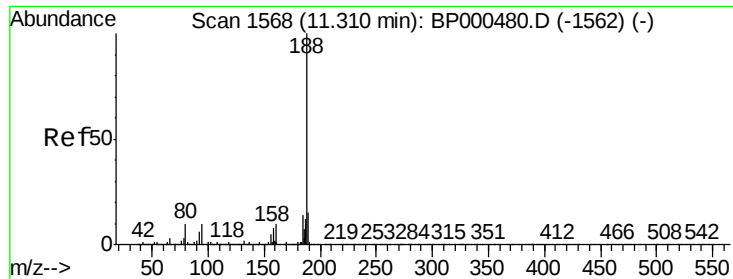
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BPC

Ion 89.00 (88.70 to 89.70): BPC

Ion 182.00 (181.70 to 182.70): E

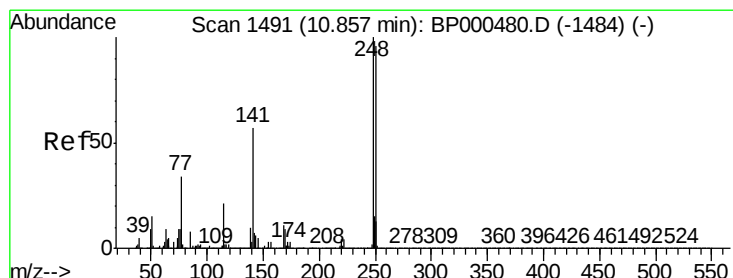
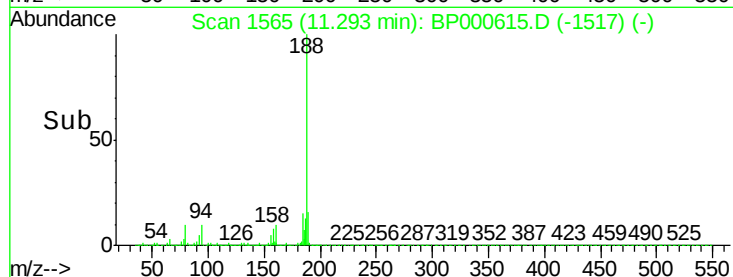
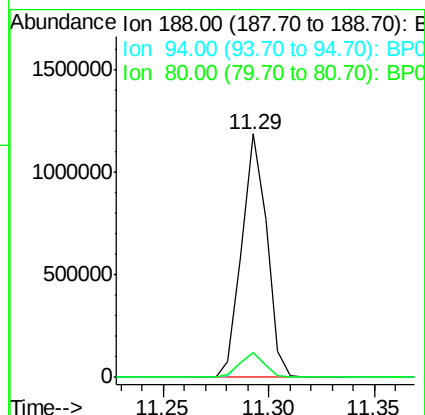
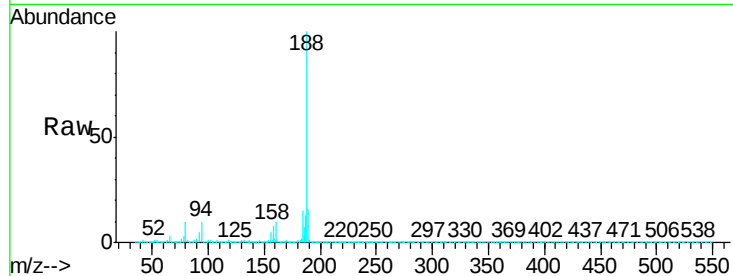




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.29 min Scan# 1565
Delta R.T. -0.02 min
Lab File: BP000615.D
Acq: 10 Oct 2019 14:51

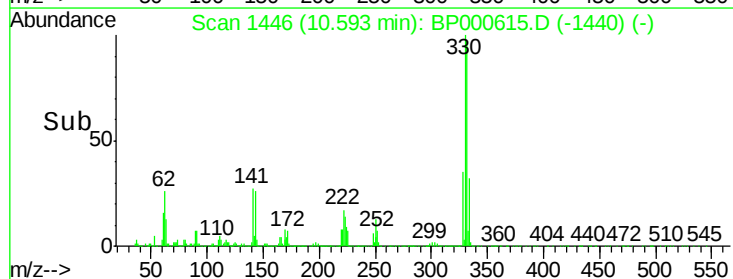
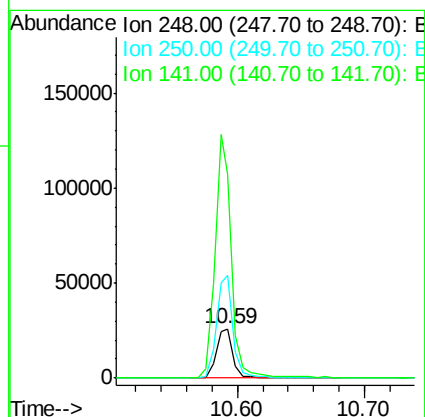
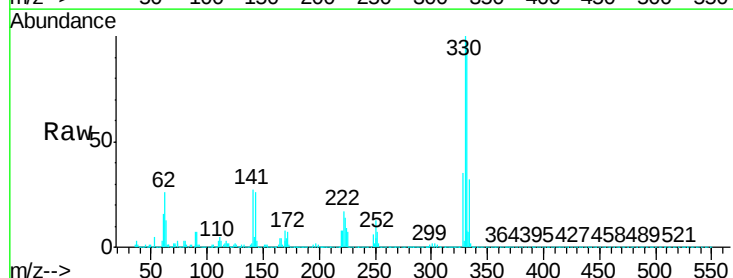
Instrument :
BNA_P
ClientSampleId :
20190850-COMPOSITE-B

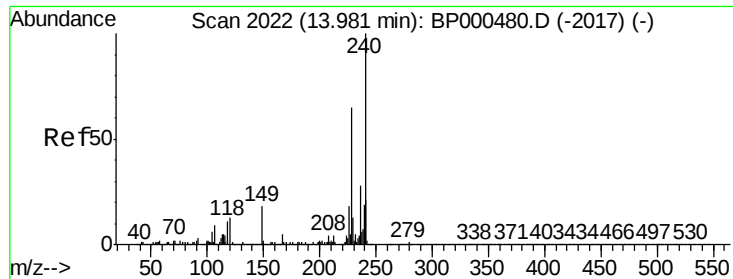
Tgt Ion:188 Resp: 974624
Ion Ratio Lower Upper
188 100
94 10.0 8.2 12.2
80 10.2 8.3 12.5



#67
4-Bromophenyl-phenylether
Concen: 2.184 ng
RT: 10.59 min Scan# 1446
Delta R.T. -0.26 min
Lab File: BP000615.D
Acq: 10 Oct 2019 14:51

Tgt Ion:248 Resp: 23964
Ion Ratio Lower Upper
248 100
250 208.5 77.2 115.8#
141 412.8 45.3 67.9#

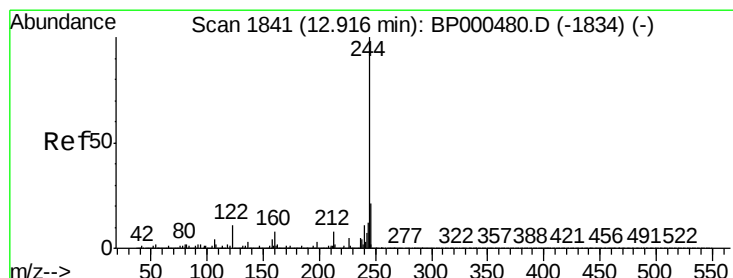
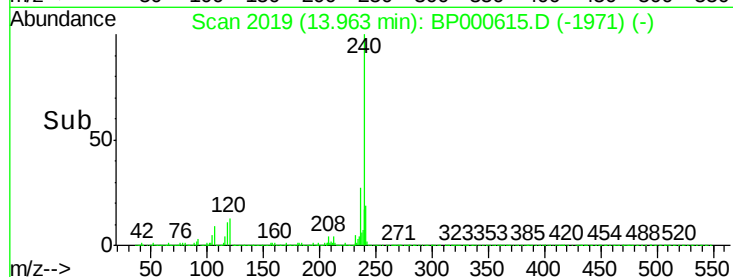
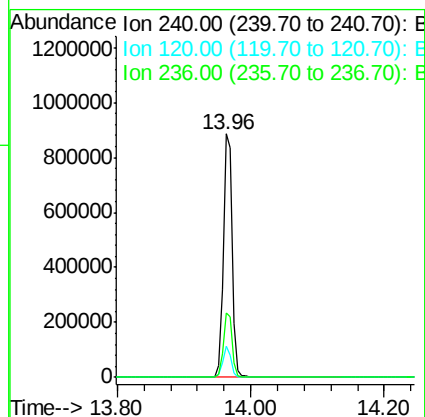
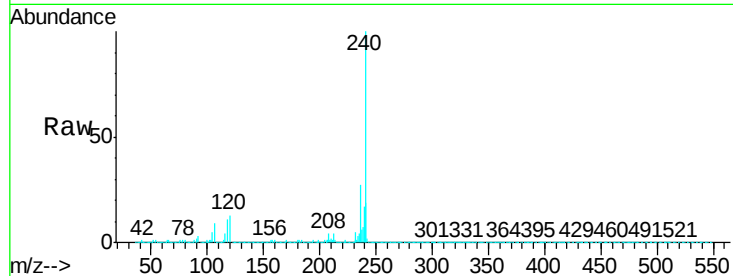




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.02 min
Lab File: BP000615.D
Acq: 10 Oct 2019 14:51

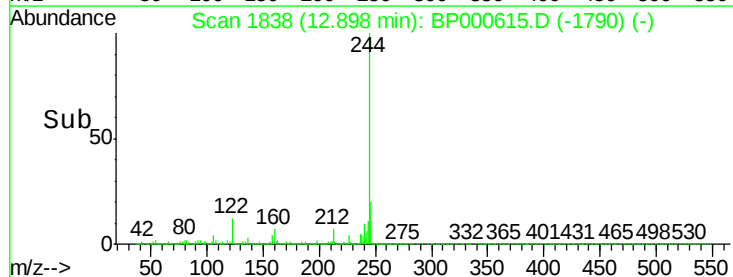
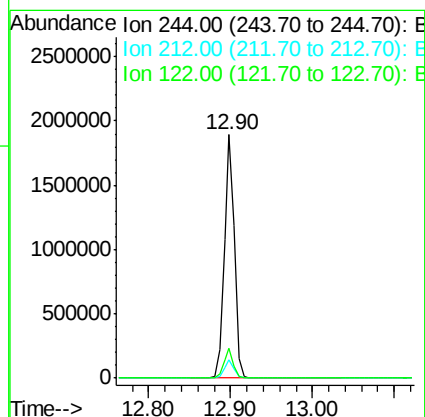
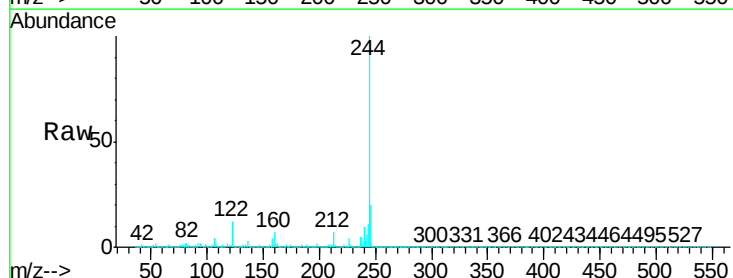
Instrument :
BNA_P
ClientSampleId :
20190850-COMPOSITE-B

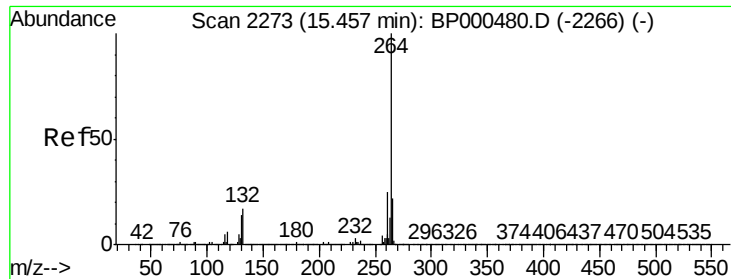
Tgt Ion:240 Resp: 824980
Ion Ratio Lower Upper
240 100
120 13.0 10.1 15.1
236 26.6 22.7 34.1



#79
Terphenyl-d14
Concen: 39.714 ng
RT: 12.90 min Scan# 1838
Delta R.T. -0.02 min
Lab File: BP000615.D
Acq: 10 Oct 2019 14:51

Tgt Ion:244 Resp: 1618164
Ion Ratio Lower Upper
244 100
212 7.3 6.0 9.0
122 12.1 8.9 13.3





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2270
Delta R.T. -0.02 min
Lab File: BP000615.D
Acq: 10 Oct 2019 14:51

Instrument :
BNA_P
ClientSampleId :
20190850-COMPOSITE-B

Tgt Ion: 264 Resp: 884192
Ion Ratio Lower Upper
264 100
260 24.0 20.3 30.5
265 21.2 18.0 27.0

