

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP092619\
 Data File : BP000419.D
 Acq On : 26 Sep 2019 13:56
 Operator : JU
 Sample : K5019-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Sep 27 00:10:40 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP091619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 19 14:44:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	254838	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	934774	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	517709	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	981789	20.00	ng	0.00
76) Chrysene-d12	14.00	240	882599	20.00	ng	0.00
87) Perylene-d12	15.48	264	883199	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.41	112	1360050	92.13	ng	0.00
7) Phenol-d6	6.42	99	1200689	66.36	ng	0.00
23) Nitrobenzene-d5	7.35	82	1294101	89.32	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	705200	137.33	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	2614474	90.89	ng	0.00
79) Terphenyl-d14	12.93	244	3464081	82.34	ng	0.00

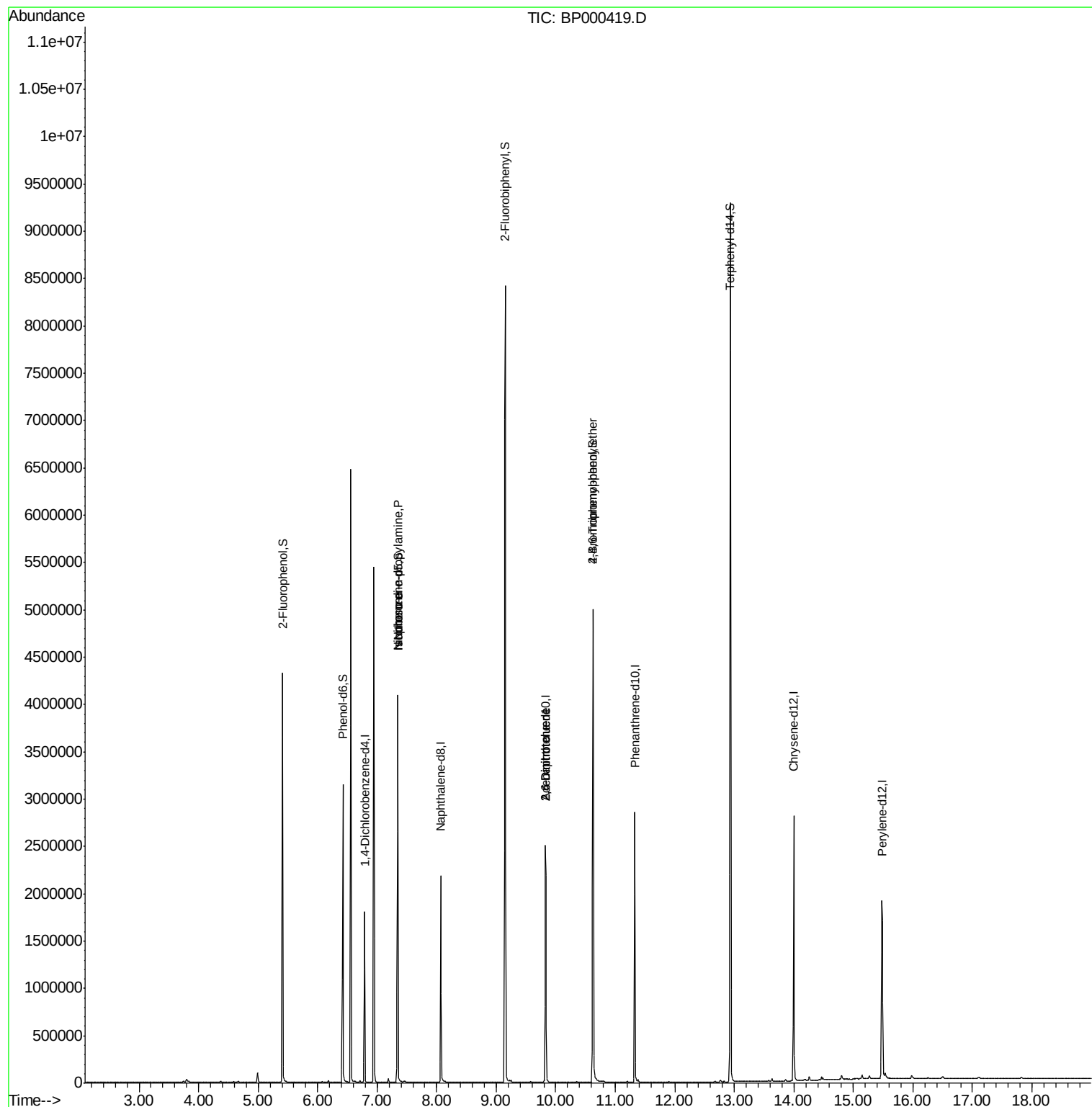
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.42	77	1779	Below Cal		# 1
19) n-Nitroso-di-n-propylamine	7.35	70	157929	16.508	ng	# 75
25) Isophorone	7.35	82	1293303	45.081	ng	# 63
51) 2,6-Dinitrotoluene	9.83	165	66460	8.569	ng	# 29
57) 2,4-Dinitrotoluene	9.83	165	66555	6.564	ng	# 35
67) 4-Bromophenyl-phenylether	10.63	248	48555	4.373	ng	# 1
69) Atrazine	11.09	200	10	Below Cal		87

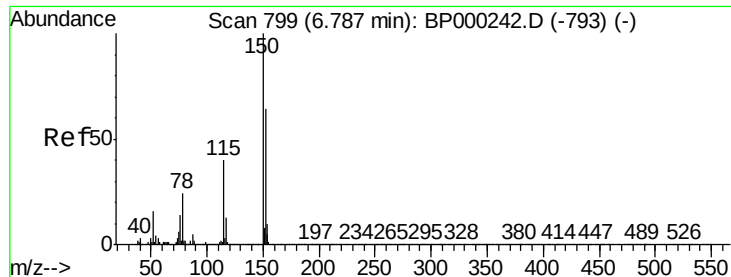
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP092619\
Data File : BP000419.D
Acq On : 26 Sep 2019 13:56
Operator : JU
Sample : K5019-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :

Quant Time: Sep 27 00:10:40 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP091619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 19 14:44:51 2019
Response via : Initial Calibration



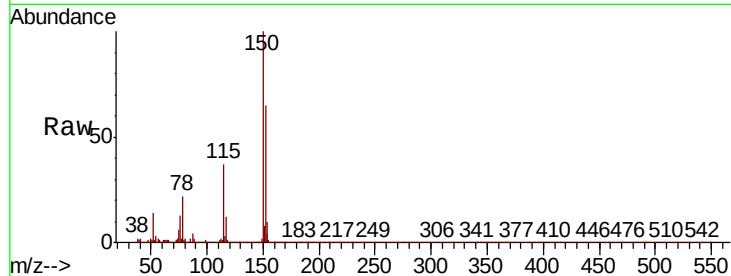


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.00 min
Lab File: BP000419.D
Acq: 26 Sep 2019 13:56

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.4	125.2	187.8
115	56.9	49.7	74.5

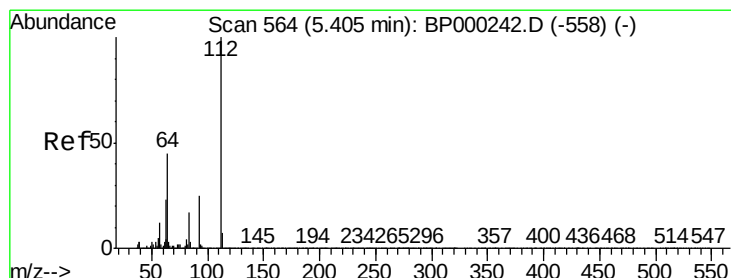
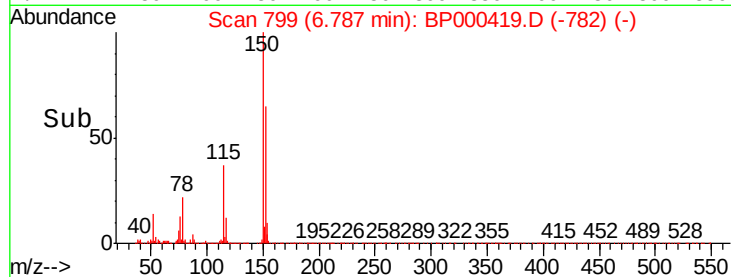
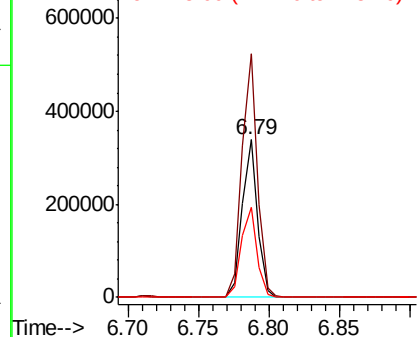


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

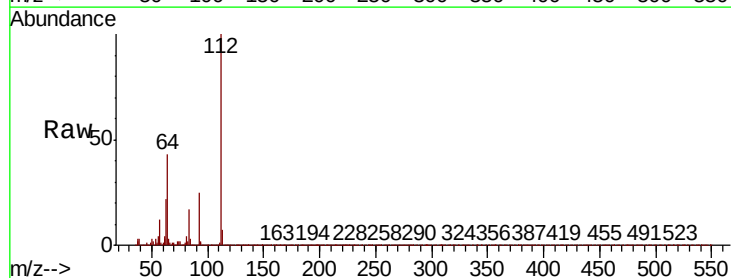
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 92.134 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.01 min
Lab File: BP000419.D
Acq: 26 Sep 2019 13:56

Tgt Ion	Ratio	Lower	Upper
112	100		
64	43.2	36.2	54.4
63	22.3	18.3	27.5

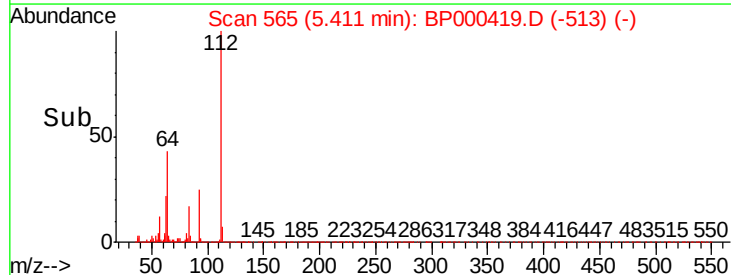
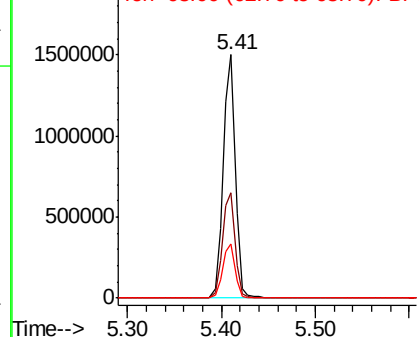


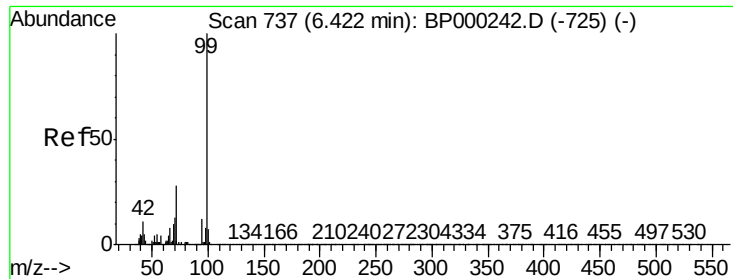
Abundance

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: 66.356 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.00 min

Lab File: BP000419.D

Acq: 26 Sep 2019 13:56

Instrument :

BNA_P

ClientSampleId :

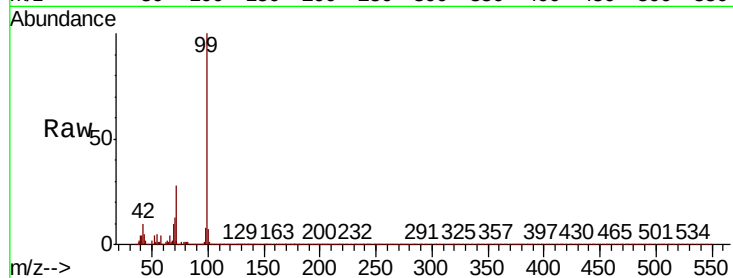
Tot Ion: 99 Resp: 1200689

Ion Ratio Lower Upper

99 100

42 10.3 8.5 12.7

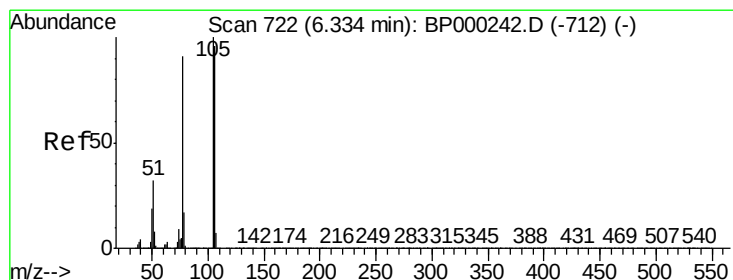
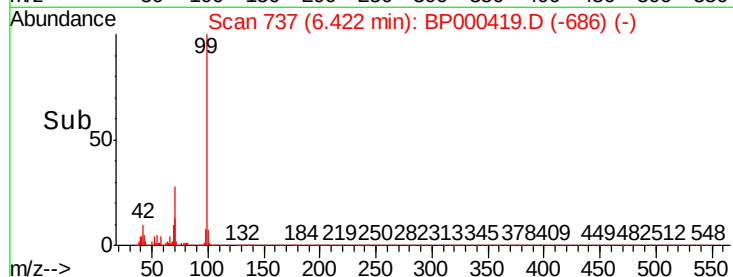
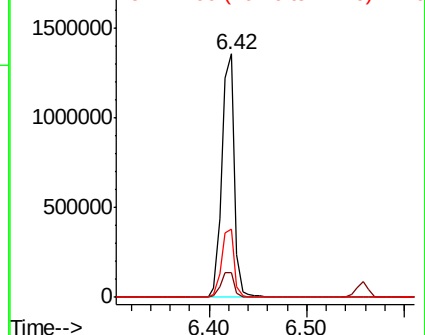
71 28.1 22.6 34.0



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



#9

Benzaldehyde

Concen: Below Cal

RT: 6.42 min Scan# 737

Delta R.T. 0.09 min

Lab File: BP000419.D

Acq: 26 Sep 2019 13:56

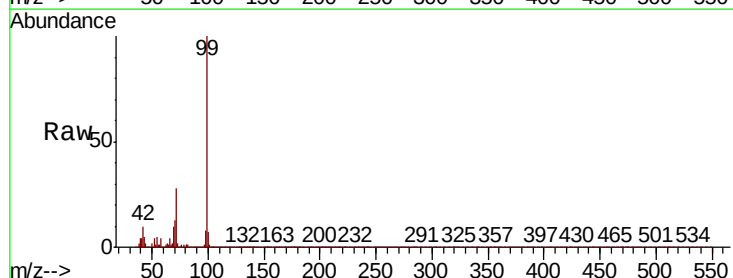
Tgt Ion: 77 Resp: 1779

Ion Ratio Lower Upper

77 100

105 6.5 89.6 129.6#

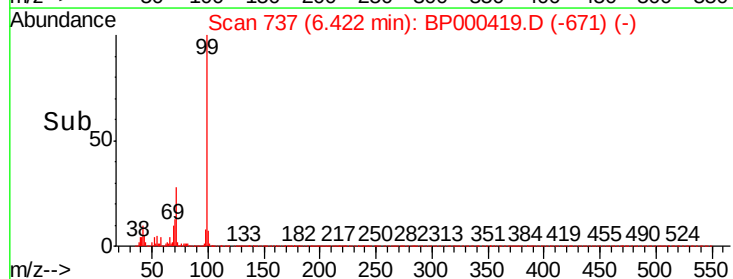
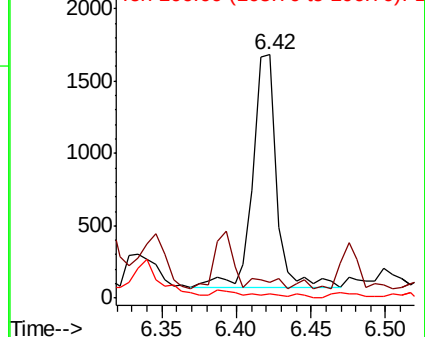
106 2.0 84.6 124.6#

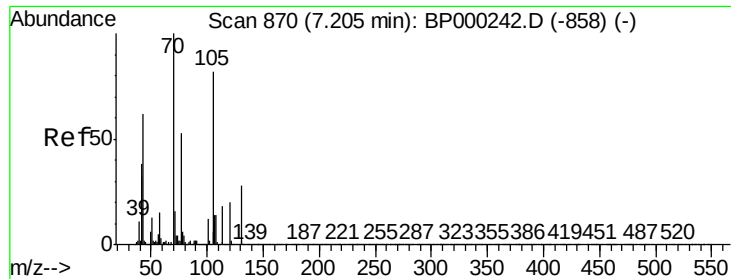


Abundance Ion 77.00 (76.70 to 77.70): BP0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

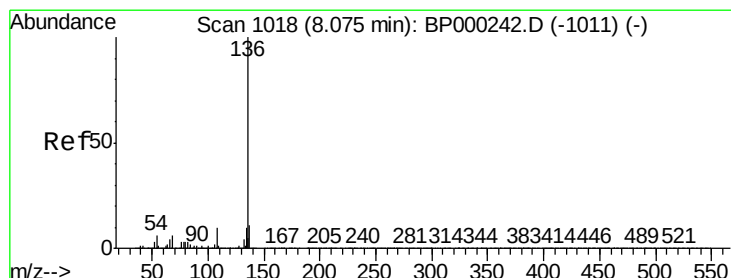
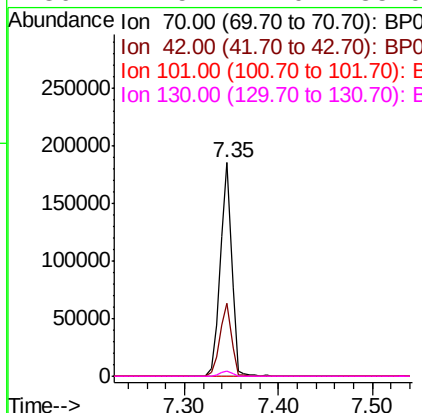
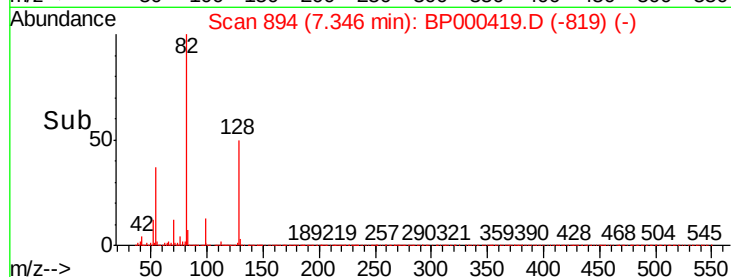
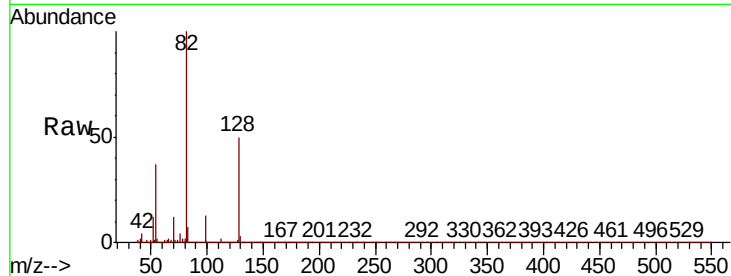




#19
n-Nitroso-di-n-propylamine
Concen: 16.508 ng
RT: 7.35 min Scan# 894
Delta R.T. 0.14 min
Lab File: BP000419.D
Acq: 26 Sep 2019 13:56

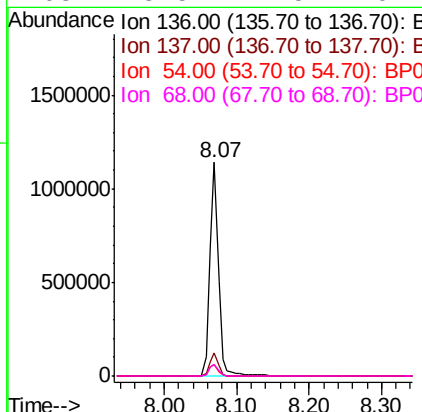
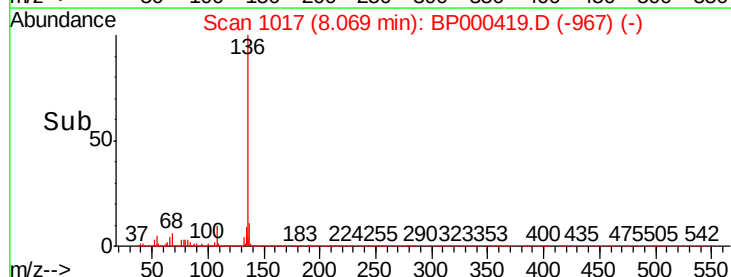
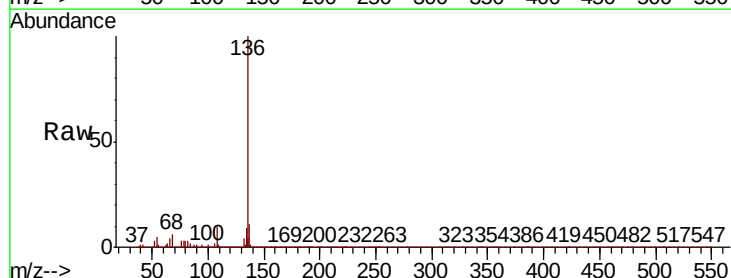
Instrument :
BNA_P
ClientSampled :

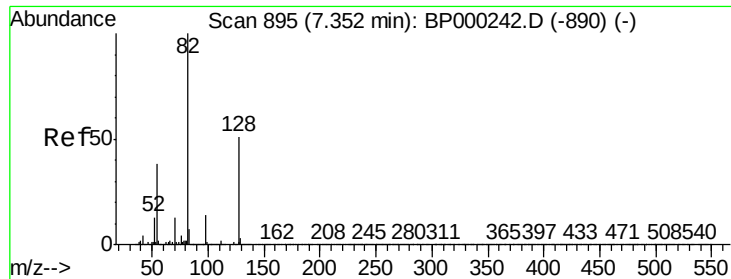
Tot Ion: 70 Resp: 157929
Ion Ratio Lower Upper
70 100
42 34.3 30.7 46.1
101 0.0 9.6 14.4#
130 2.5 22.0 33.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BP000419.D
Acq: 26 Sep 2019 13:56

Tgt Ion: 136 Resp: 934774
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 5.5 4.5 6.7
68 5.5 4.5 6.7

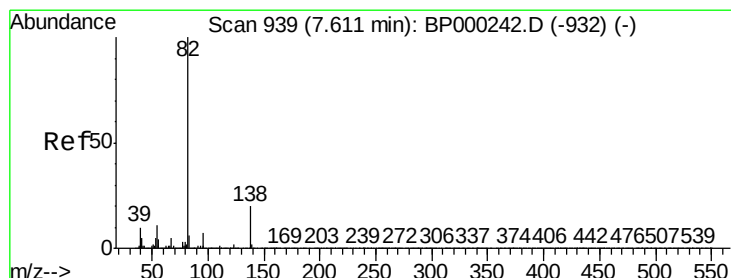
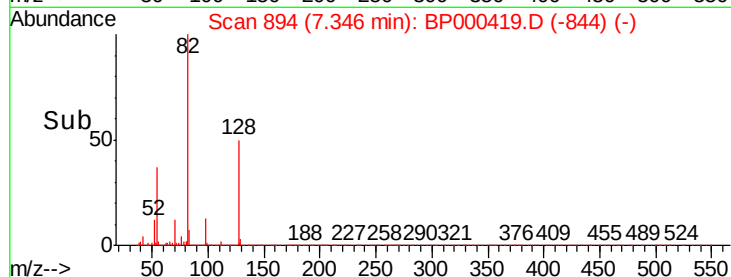
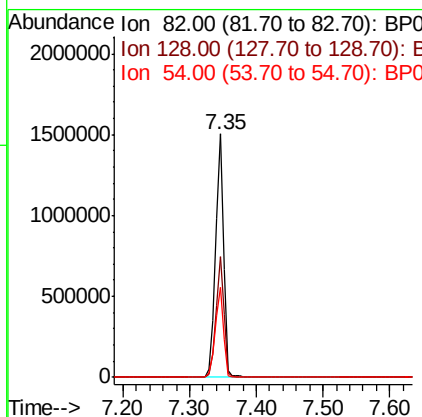
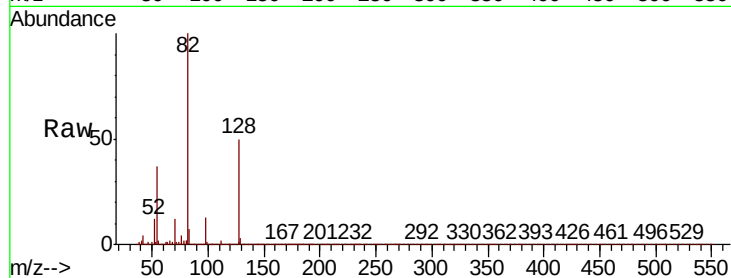




#23
 Nitrobenzene-d5
 Concen: 89.321 ng
 RT: 7.35 min Scan# 894
 Delta R.T. -0.01 min
 Lab File: BP000419.D
 Acq: 26 Sep 2019 13:56

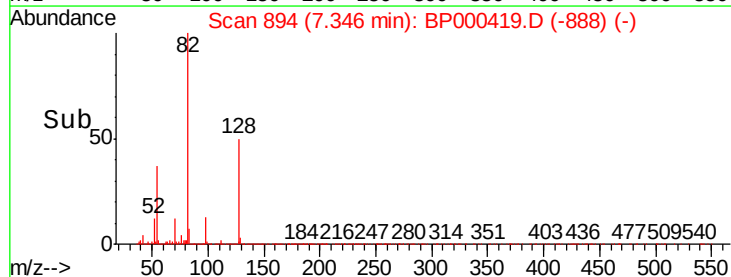
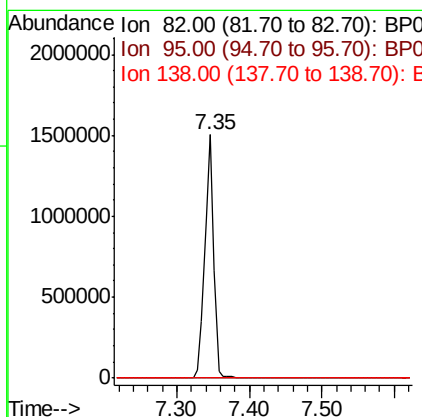
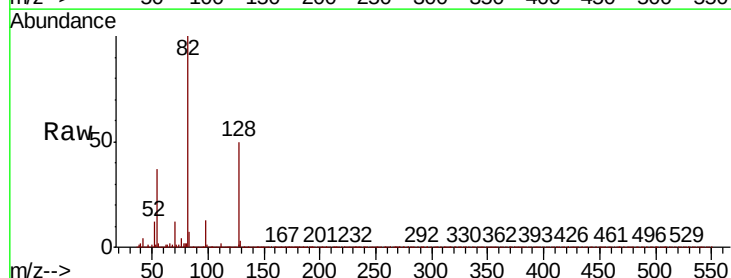
Instrument :
 BNA_P
 ClientSampleId :

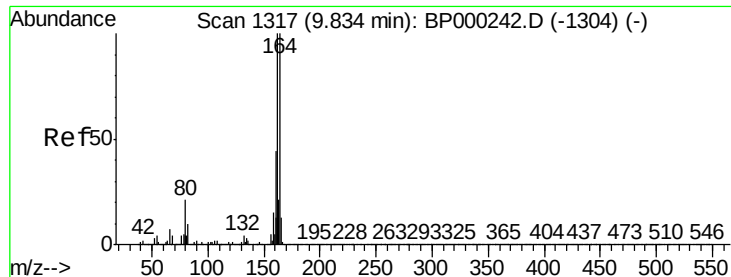
Tot Ion: 82 Resp: 1294101
 Ion Ratio Lower Upper
 82 100
 128 49.7 40.7 61.1
 54 37.0 30.1 45.1



#25
 Isophorone
 Concen: 45.081 ng
 RT: 7.35 min Scan# 894
 Delta R.T. -0.26 min
 Lab File: BP000419.D
 Acq: 26 Sep 2019 13:56

Tgt Ion: 82 Resp: 1293303
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.9 8.9#
 138 0.0 15.9 23.9#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BP000419.D

Acq: 26 Sep 2019 13:56

Instrument :

BNA_P

ClientSampleId :

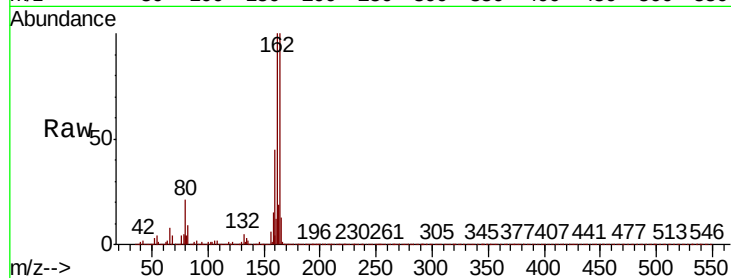
Tot Ion:164 Resp: 517709

Ion Ratio Lower Upper

164 100

162 100.0 79.9 119.9

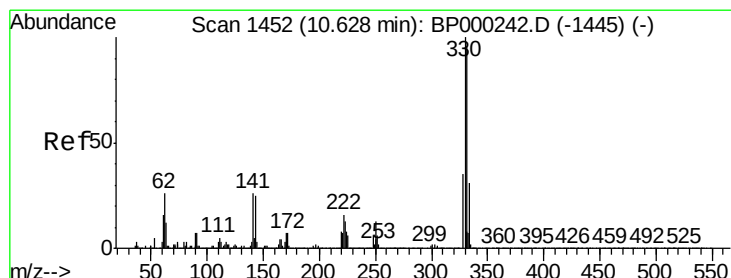
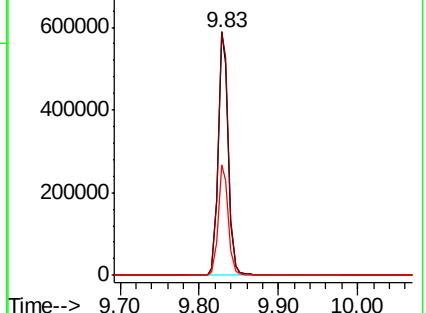
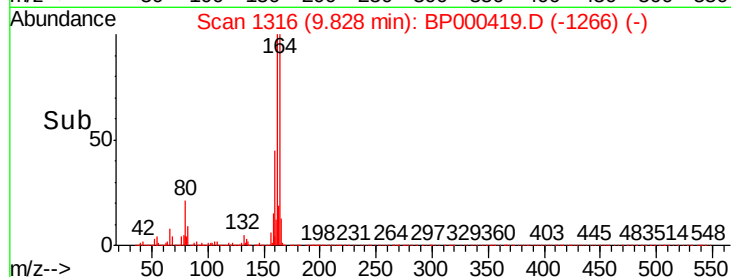
160 45.3 35.6 53.4



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



#42

2,4,6-Tribromophenol

Concen: 137.333 ng

RT: 10.63 min Scan# 1452

Delta R.T. -0.00 min

Lab File: BP000419.D

Acq: 26 Sep 2019 13:56

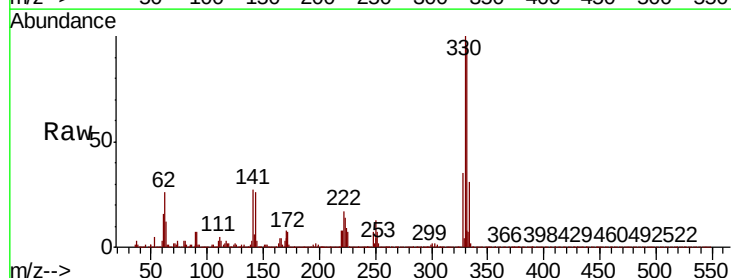
Tgt Ion:330 Resp: 705200

Ion Ratio Lower Upper

330 100

332 95.9 76.6 115.0

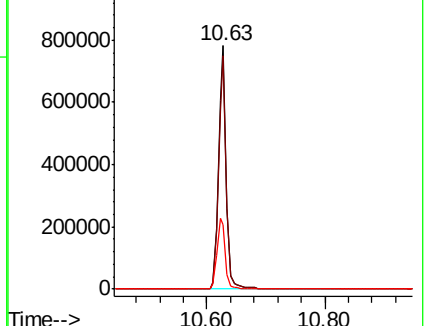
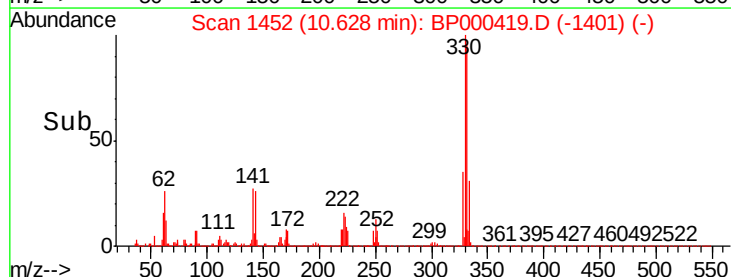
141 32.7 26.5 39.7

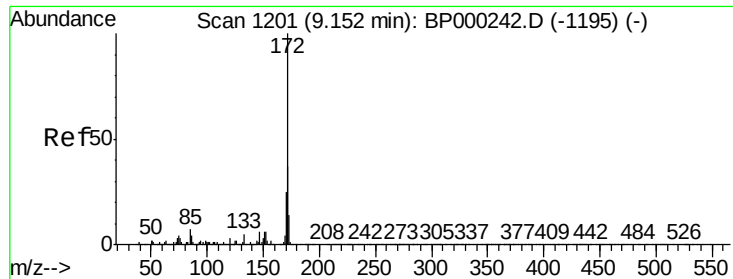


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

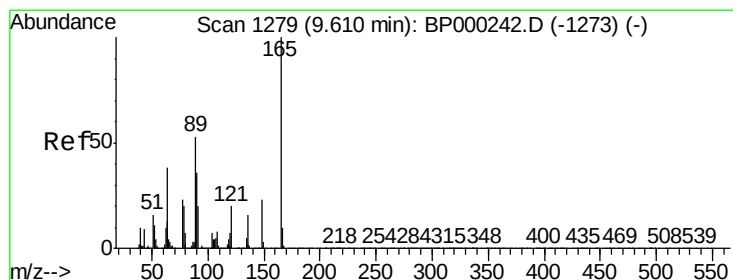
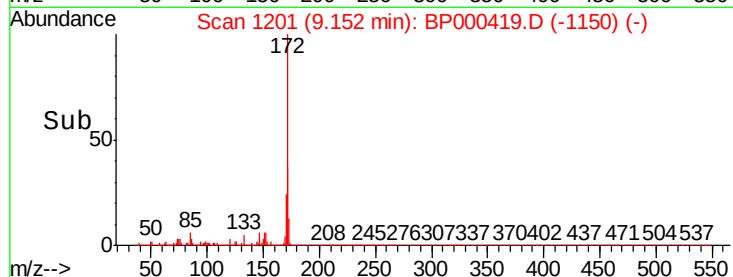
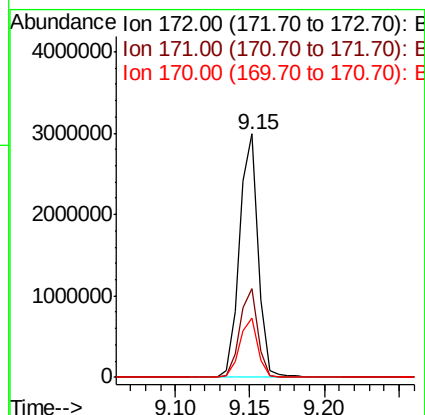
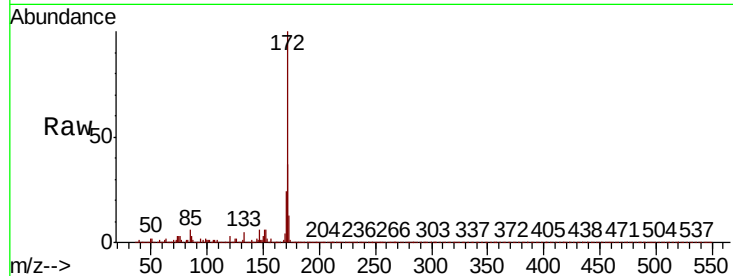




#45
2-Fluorobiphenyl
Concen: 90.892 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.00 min
Lab File: BP000419.D
Acq: 26 Sep 2019 13:56

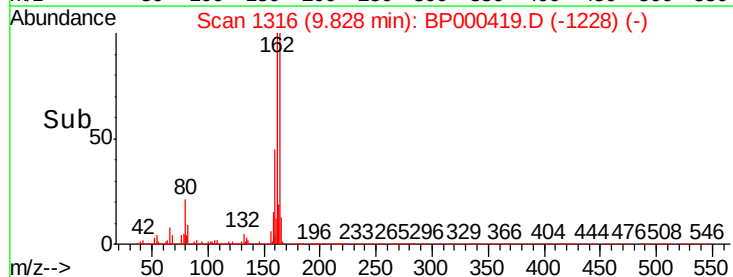
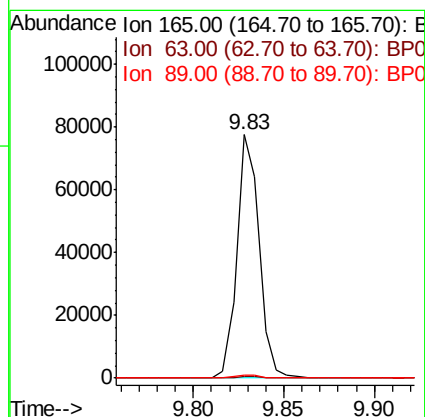
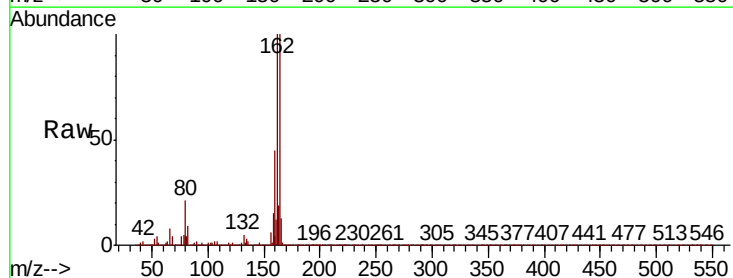
Instrument :
BNA_P
ClientSampleId :

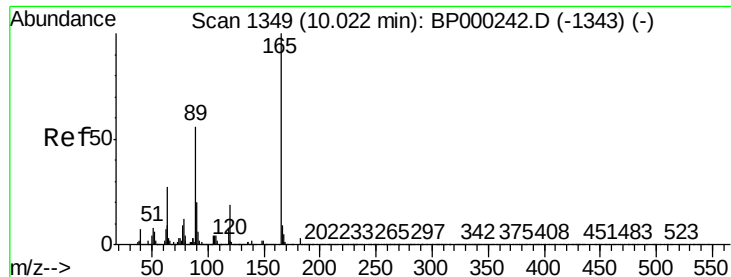
Tot Ion:172 Resp: 2614474
Ion Ratio Lower Upper
172 100
171 36.6 29.8 44.6
170 24.3 19.8 29.6



#51
2,6-Dinitrotoluene
Concen: 8.569 ng
RT: 9.83 min Scan# 1316
Delta R.T. 0.22 min
Lab File: BP000419.D
Acq: 26 Sep 2019 13:56

Tgt Ion:165 Resp: 66460
Ion Ratio Lower Upper
165 100
63 0.9 35.8 53.8#
89 1.2 42.6 63.8#





#57

2,4-Dinitrotoluene

Concen: 6.564 ng

RT: 9.83 min Scan# 1316

Delta R.T. -0.19 min

Lab File: BP000419.D

Acq: 26 Sep 2019 13:56

Instrument :

BNA_P

ClientSampled :

Tot Ion:165 Resp: 66555

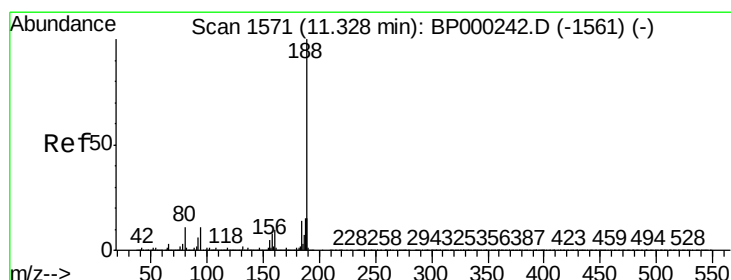
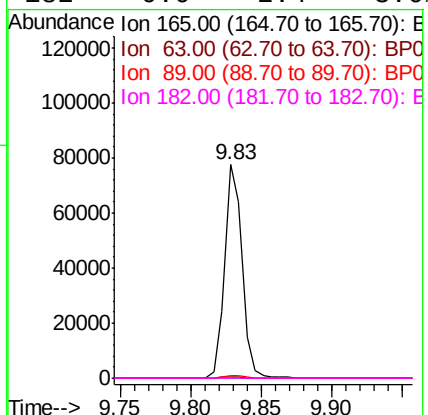
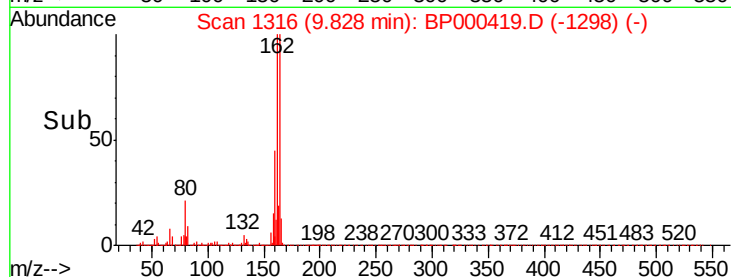
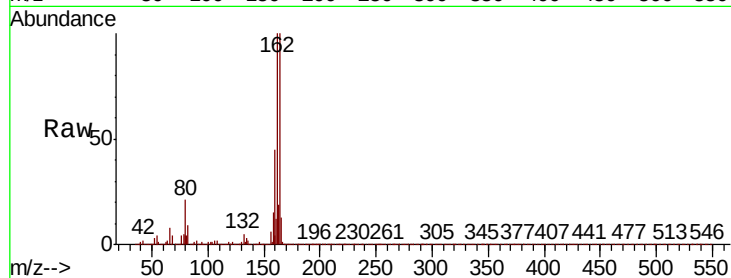
Ion Ratio Lower Upper

165 100

63 0.9 21.7 32.5#

89 1.2 45.0 67.6#

182 0.0 2.4 3.6#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.33 min Scan# 1571

Delta R.T. -0.00 min

Lab File: BP000419.D

Acq: 26 Sep 2019 13:56

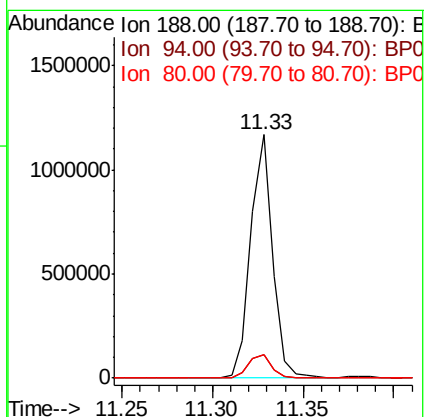
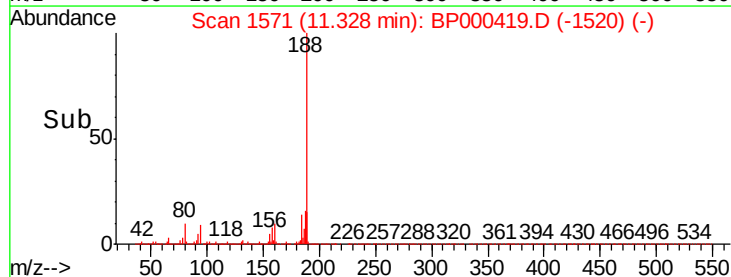
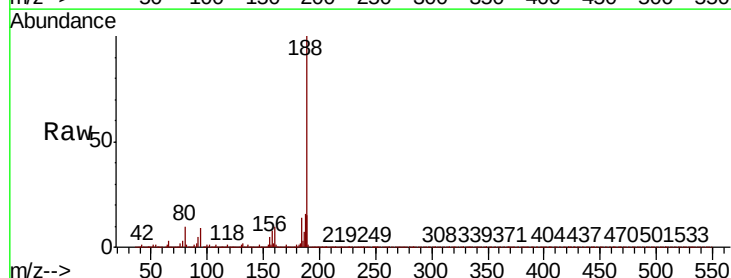
Tgt Ion:188 Resp: 981789

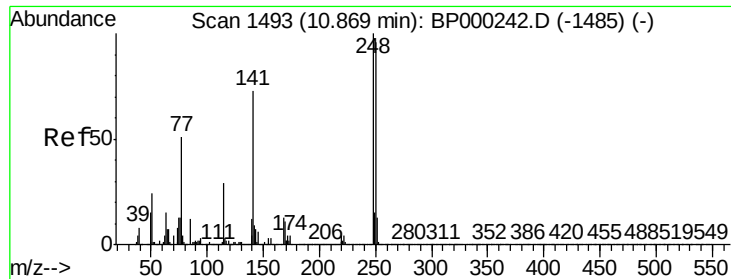
Ion Ratio Lower Upper

188 100

94 9.4 8.5 12.7

80 9.6 8.6 13.0

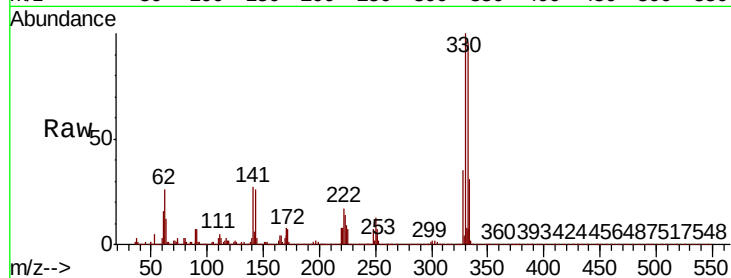




#67
4-Bromophenyl-phenylether
Concen: 4.373 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.24 min
Lab File: BP000419.D
Acq: 26 Sep 2019 13:56

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	201.8	77.0	115.4#
141	410.2	58.5	87.7#

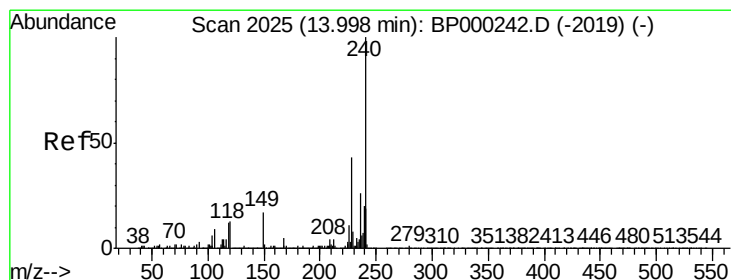
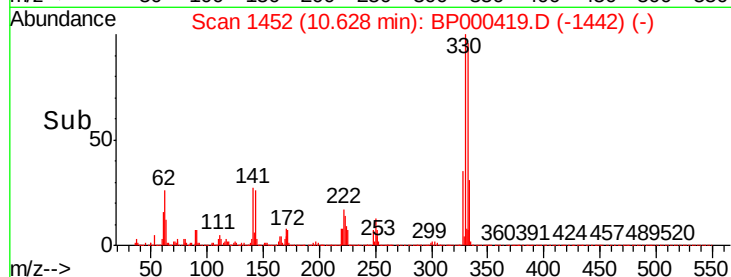
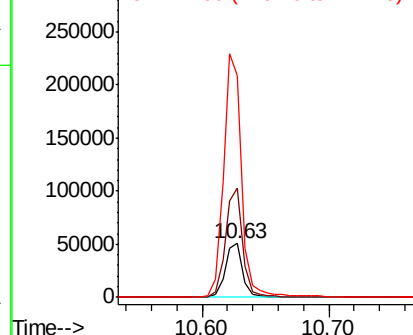


Abundance

Ion 248.00 (247.70 to 248.70): E

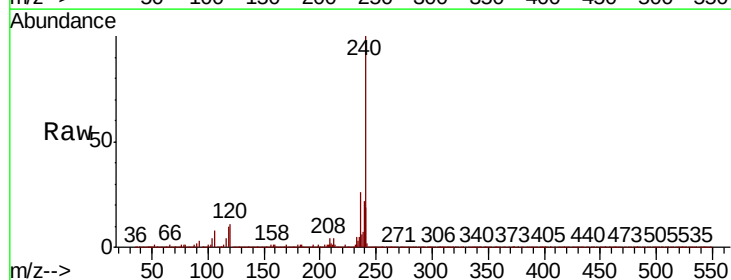
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.00 min
Lab File: BP000419.D
Acq: 26 Sep 2019 13:56

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.2	10.4	15.6
236	26.1	21.0	31.6

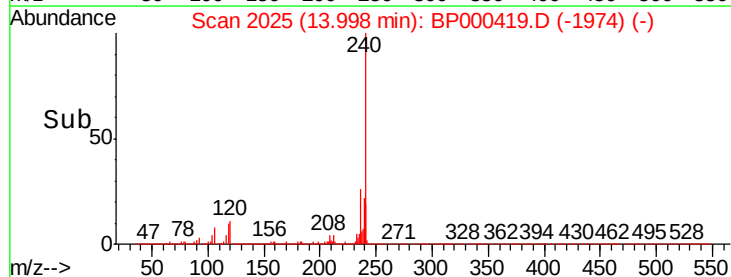
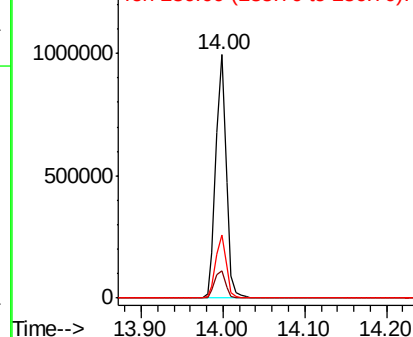


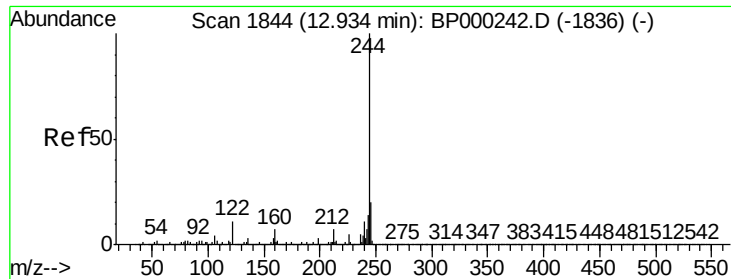
Abundance

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

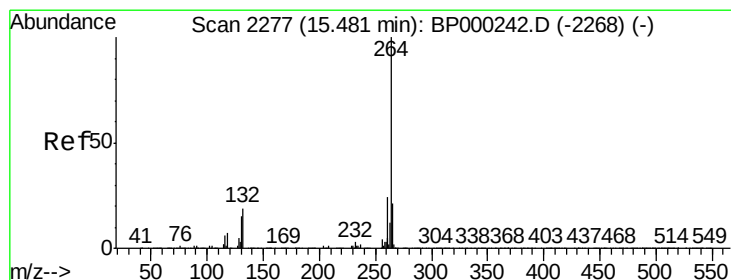
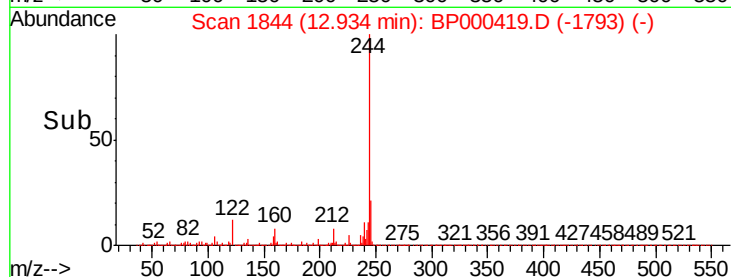
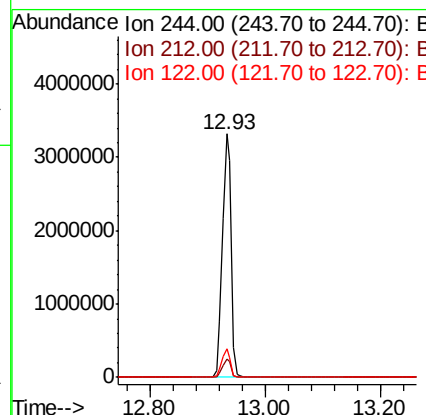
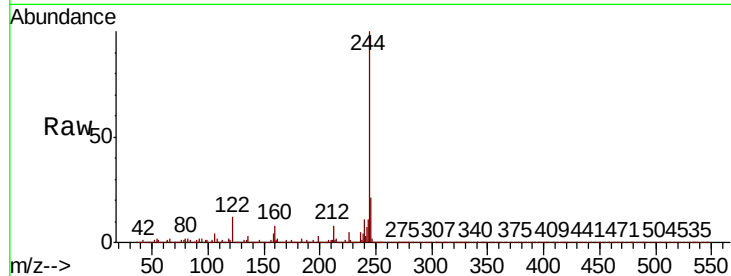




#79
 Terphenyl-d14
 Concen: 82.338 ng
 RT: 12.93 min Scan# 1844
 Delta R.T. -0.00 min
 Lab File: BP000419.D
 Acq: 26 Sep 2019 13:56

Instrument :
 BNA_P
 ClientSampled :

Tot Ion:244 Resp: 3464081
 Ion Ratio Lower Upper
 244 100
 212 7.7 5.9 8.9
 122 11.8 9.0 13.4



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.48 min Scan# 2277
 Delta R.T. -0.00 min
 Lab File: BP000419.D
 Acq: 26 Sep 2019 13:56

Tgt Ion:264 Resp: 883199
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.9 28.3
 265 21.4 17.2 25.8

