

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP092419\
 Data File : BP000401.D
 Acq On : 24 Sep 2019 22:39
 Operator : JU
 Sample : PB123345BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Sep 25 01:18:21 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	194679	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	683060	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	461916	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	795945	20.00	ng	0.00
76) Chrysene-d12	13.99	240	566804	20.00	ng	-0.01
87) Perylene-d12	15.47	264	772396	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.42	112	1507573	133.69	ng	0.01
7) Phenol-d6	6.43	99	1906333	137.91	ng	0.00
23) Nitrobenzene-d5	7.35	82	1134183	107.13	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	604398	131.92	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	2589795	100.91	ng	0.00
79) Terphenyl-d14	12.93	244	2234265	82.69	ng	0.00

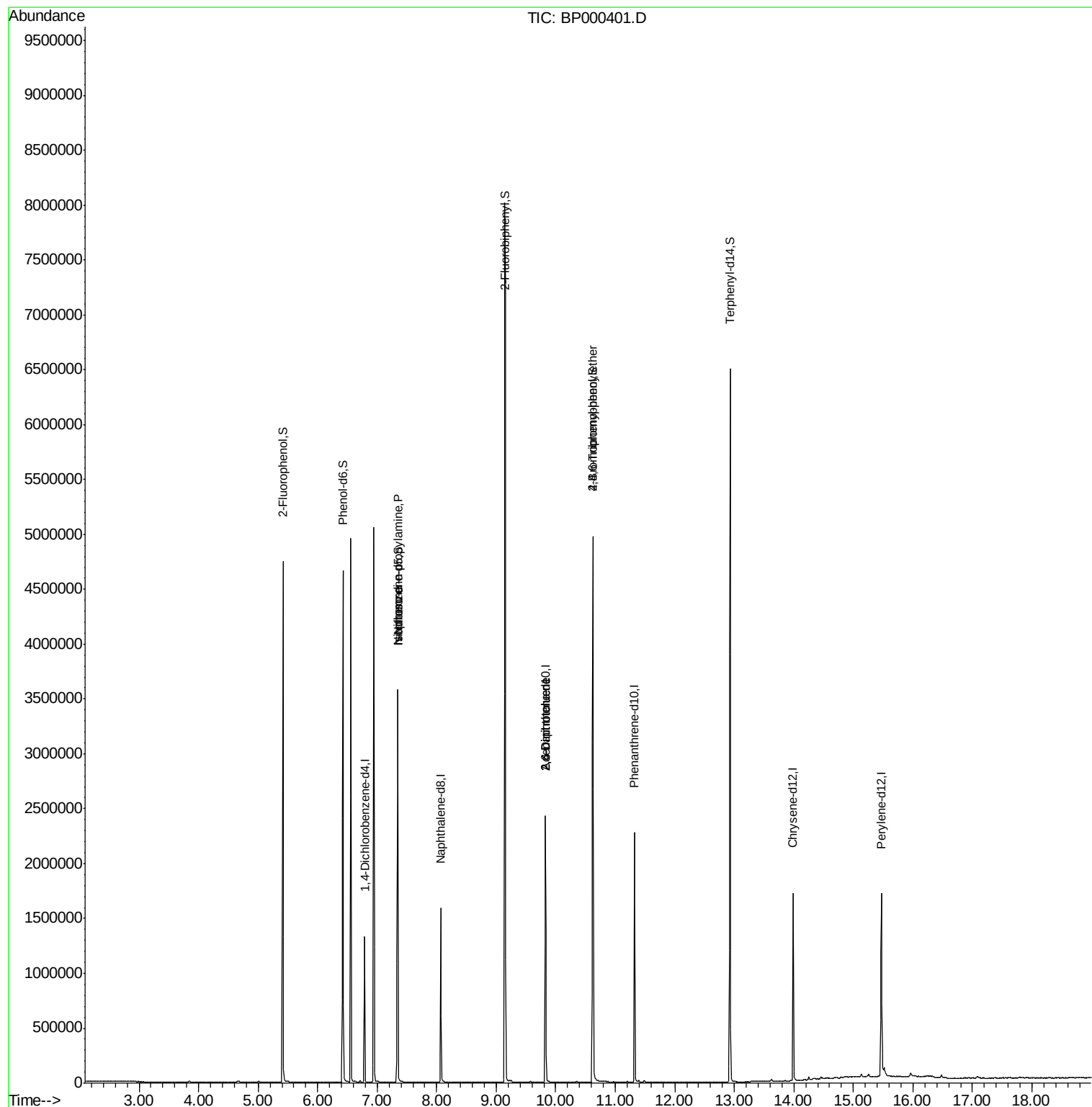
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.43	77	2783	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.35	70	139858	19.136	ng	# 75
25) Isophorone	7.35	82	1133301	54.061	ng	# 63
51) 2,6-Dinitrotoluene	9.83	165	60775	8.783	ng	# 29
57) 2,4-Dinitrotoluene	9.83	165	60822	6.723	ng	# 35
67) 4-Bromophenyl-phenylether	10.62	248	42448	4.716	ng	# 1
69) Atrazine	11.02	200	26	Below Cal	#	68

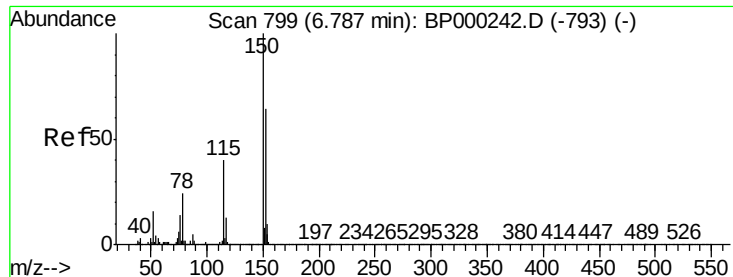
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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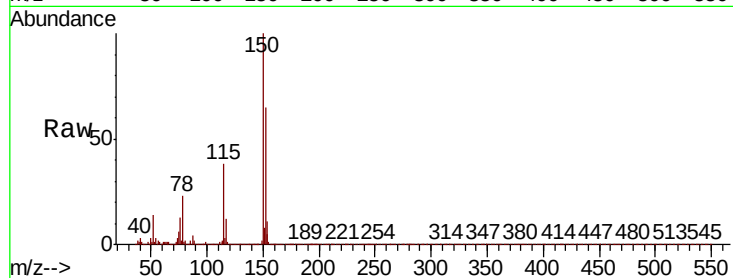


#1

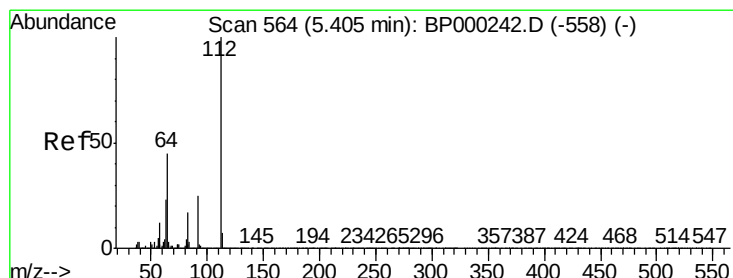
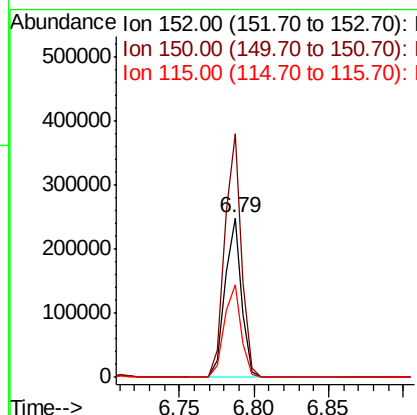
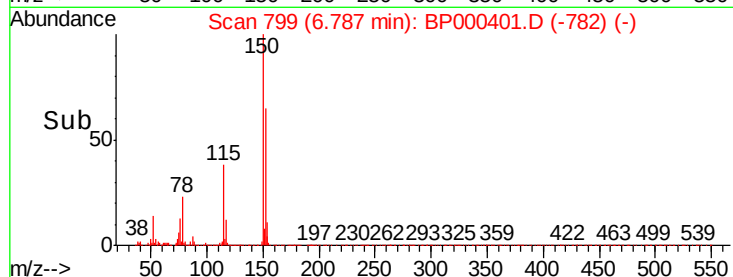
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. 0.00 min
Lab File: BP000401.D
Acq: 24 Sep 2019 22:39

Instrument :
BNA_P
ClientSampleId :

Tot Ion:152 Resp: 194679
Ion Ratio Lower Upper
152 100
150 152.8 125.2 187.8
115 57.9 49.7 74.5



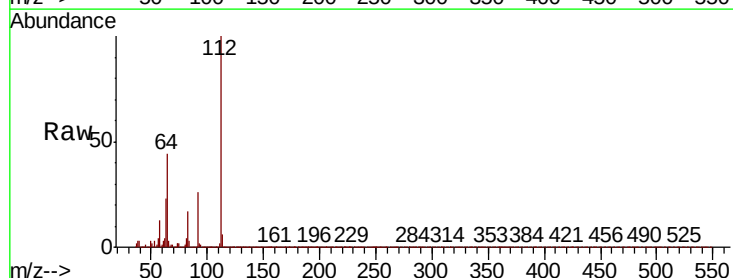
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



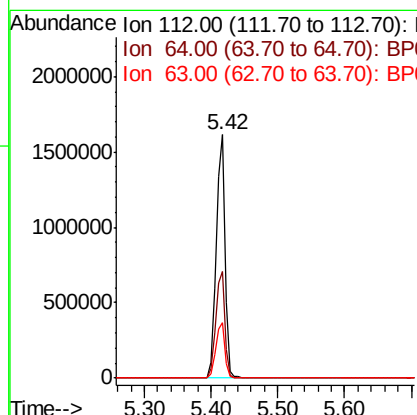
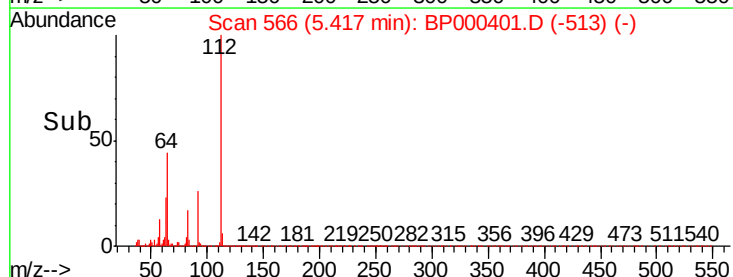
#5

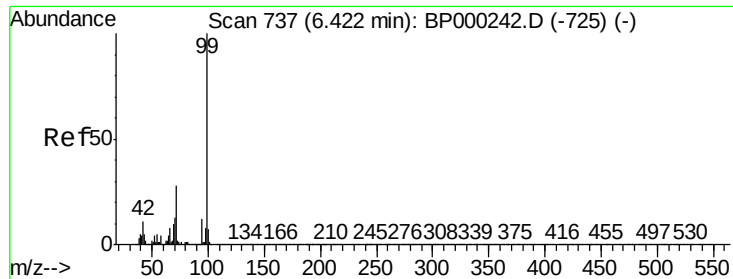
2-Fluorophenol
Concen: 133.687 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.01 min
Lab File: BP000401.D
Acq: 24 Sep 2019 22:39

Tgt Ion:112 Resp: 1507573
Ion Ratio Lower Upper
112 100
64 43.7 36.2 54.4
63 23.0 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: 137.909 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.01 min

Lab File: BP000401.D

Acq: 24 Sep 2019 22:39

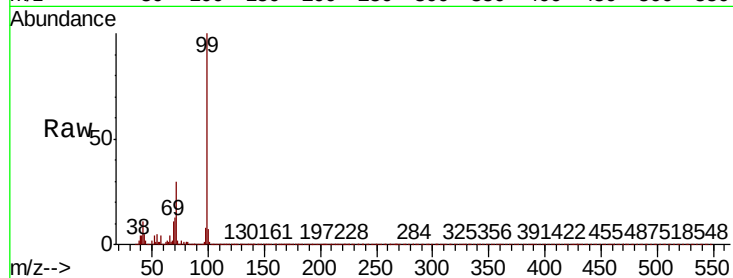
Instrument :

BNA_P

ClientSampled :

Tot Ion: 99 Resp: 1906333

Ion	Ratio	Lower	Upper
99	100		
42	10.7	8.5	12.7
71	30.1	22.6	34.0

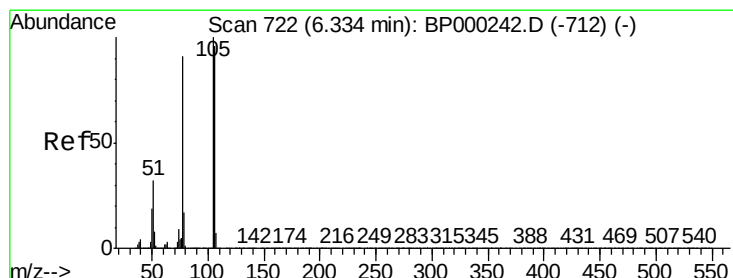
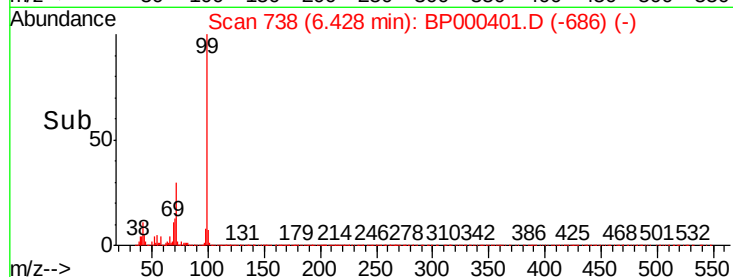
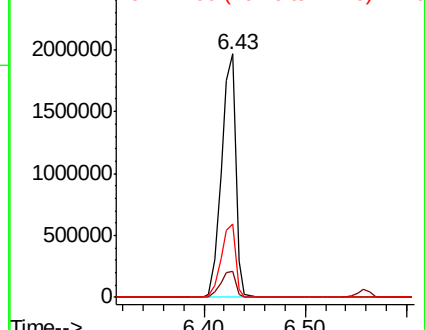


Abundance

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: 6.43 min Scan# 738

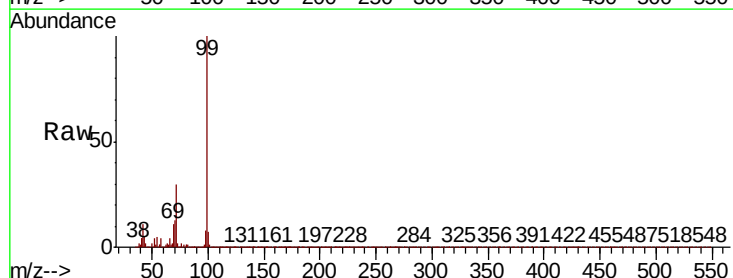
Delta R.T. 0.09 min

Lab File: BP000401.D

Acq: 24 Sep 2019 22:39

Tgt Ion: 77 Resp: 2783

Ion	Ratio	Lower	Upper
77	100		
105	2.3	89.6	129.6#
106	2.2	84.6	124.6#

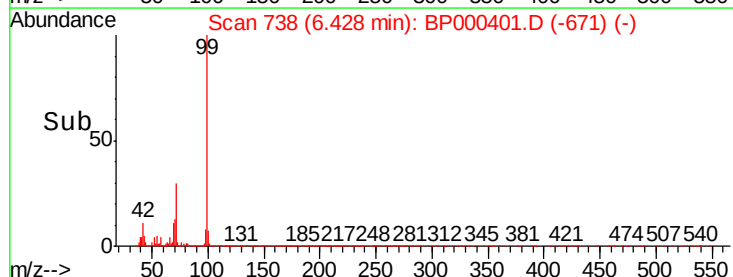
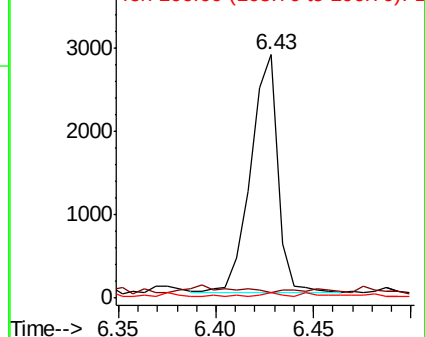


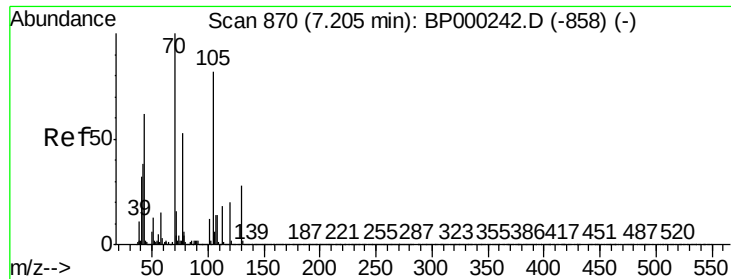
Abundance

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

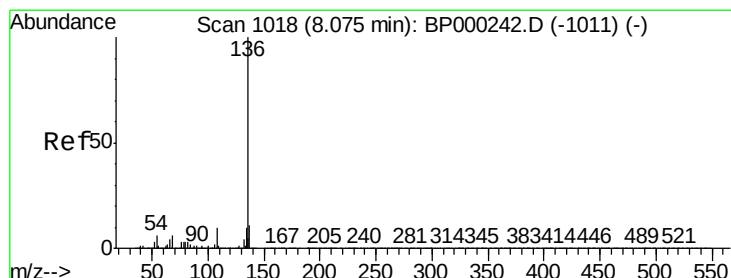
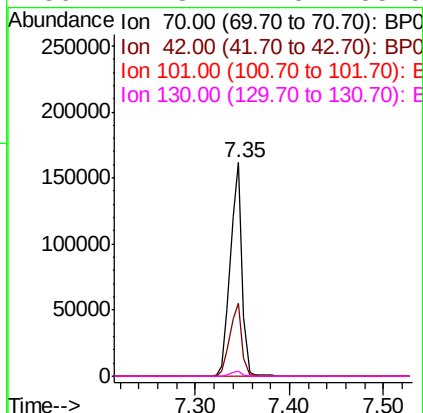
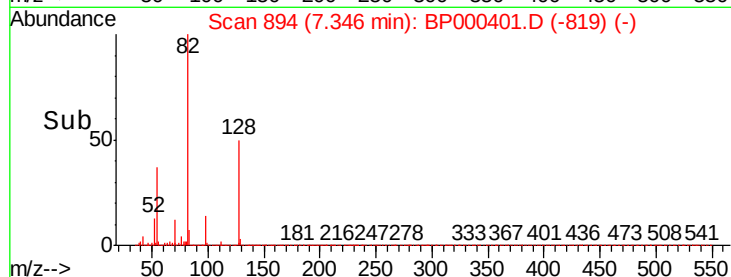
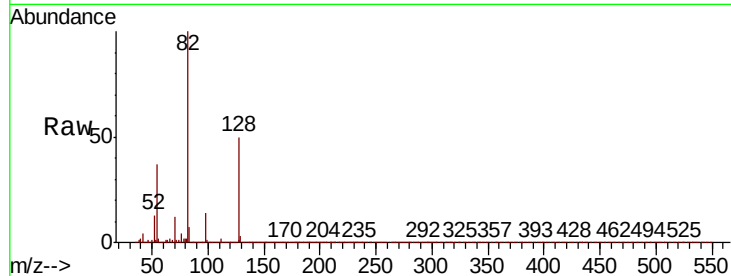




#19
n-Nitroso-di-n-propylamine
Concen: 19.136 ng
RT: 7.35 min Scan# 894
Delta R.T. 0.14 min
Lab File: BP000401.D
Acq: 24 Sep 2019 22:39

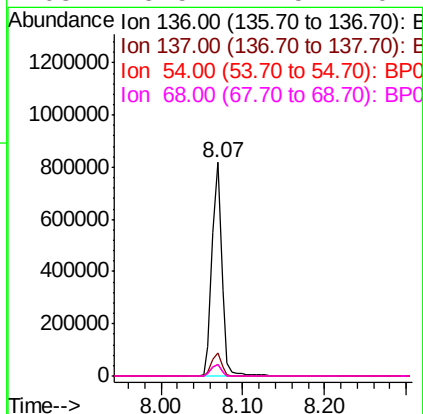
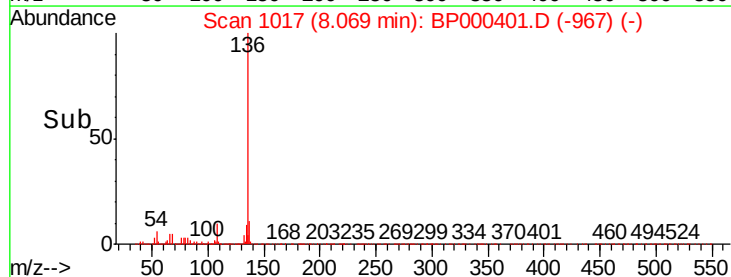
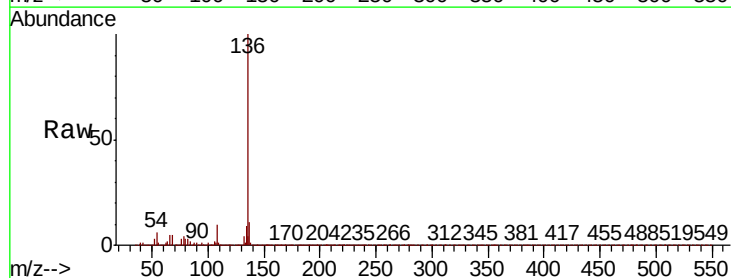
Instrument :
BNA_P
ClientSampled :

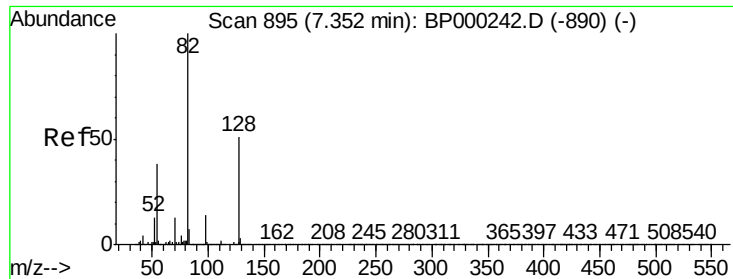
Tot Ion: 70 Resp: 139858
Ion Ratio Lower Upper
70 100
42 34.1 30.7 46.1
101 0.0 9.6 14.4#
130 2.3 22.0 33.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BP000401.D
Acq: 24 Sep 2019 22:39

Tgt Ion:136 Resp: 683060
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 5.7 4.5 6.7
68 5.5 4.5 6.7

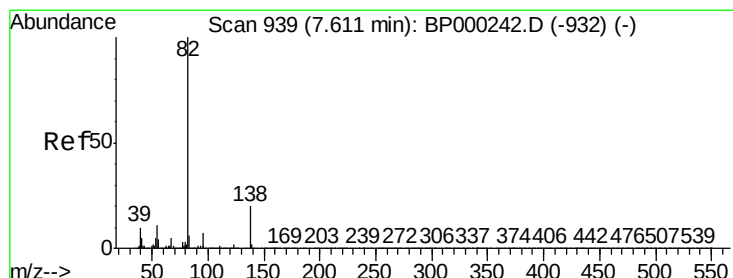
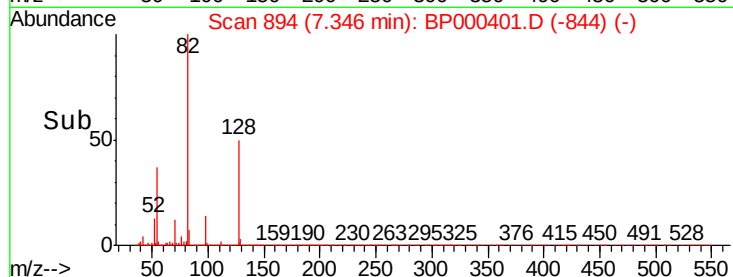
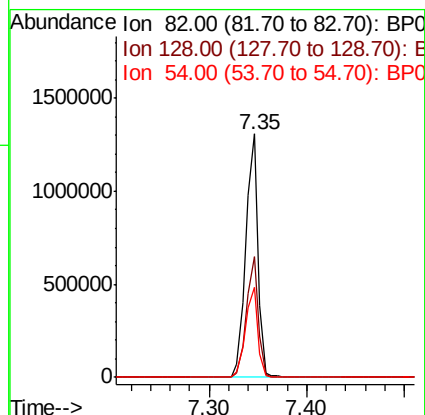
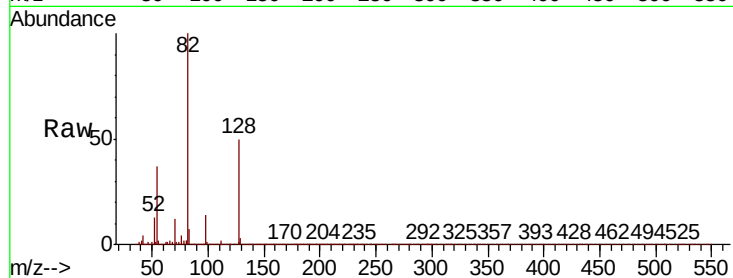




#23
Nitrobenzene-d5
Concen: 107.131 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BP000401.D
Acq: 24 Sep 2019 22:39

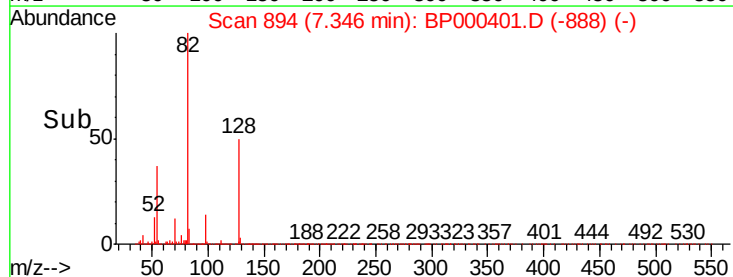
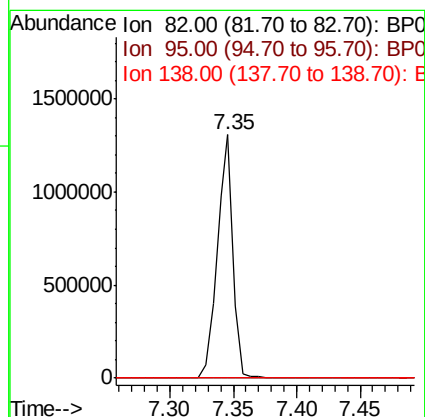
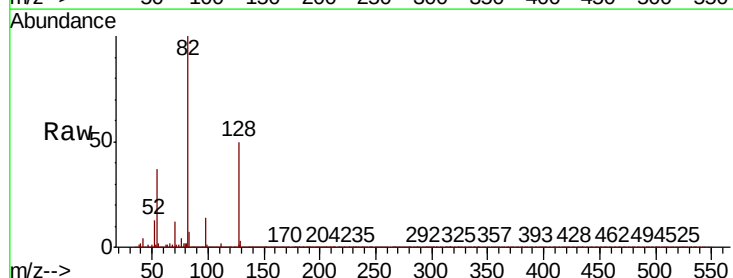
Instrument :
BNA_P
ClientSampleId :

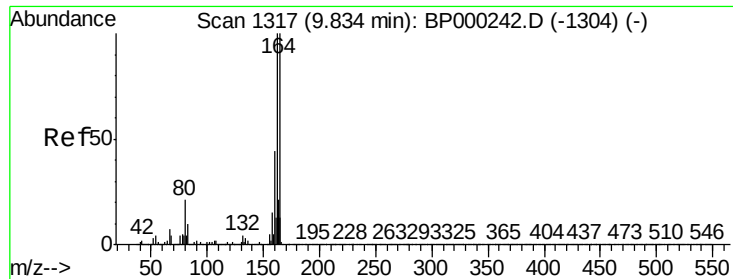
Tot Ion: 82 Resp: 1134183
Ion Ratio Lower Upper
82 100
128 49.7 40.7 61.1
54 37.1 30.1 45.1



#25
Isophorone
Concen: 54.061 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.26 min
Lab File: BP000401.D
Acq: 24 Sep 2019 22:39

Tgt Ion: 82 Resp: 1133301
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: BP000401.D

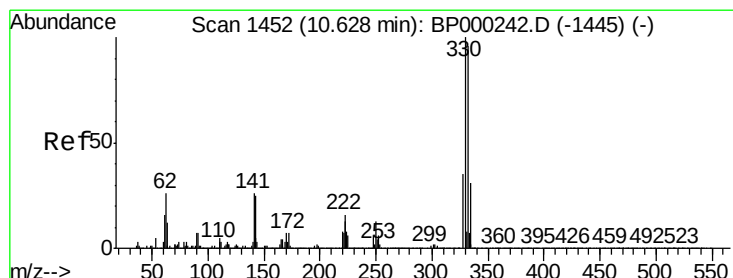
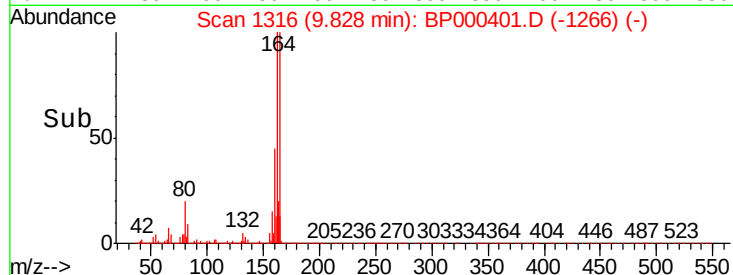
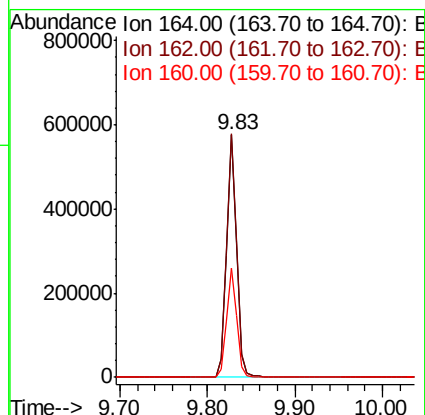
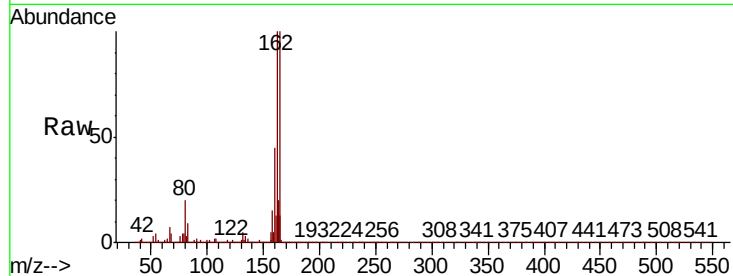
Acq: 24 Sep 2019 22:39

Instrument :

BNA_P

ClientSampleId :

Tot Ion:164	Resp:	461916
Ion Ratio	Lower	Upper
164	100	
162	100.3	79.9 119.9
160	44.8	35.6 53.4



#42

2,4,6-Tribromophenol

Concen: 131.919 ng

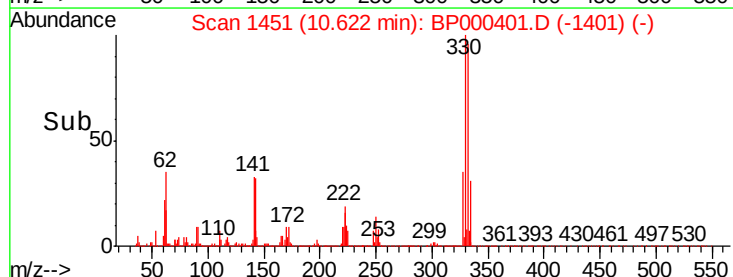
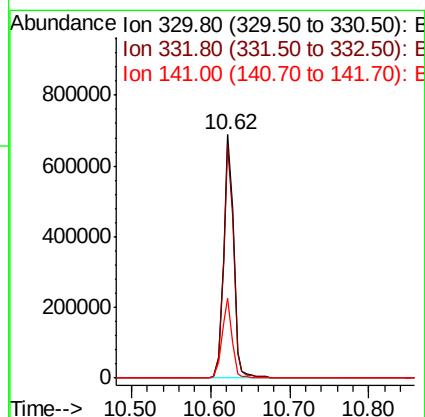
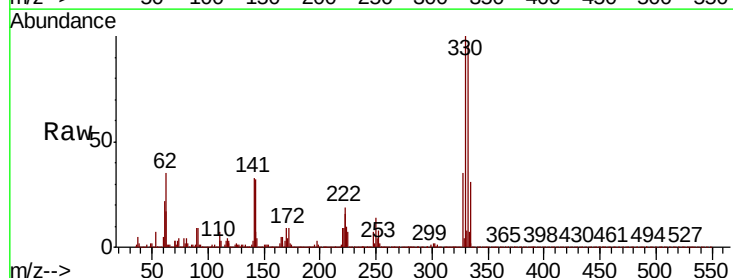
RT: 10.62 min Scan# 1451

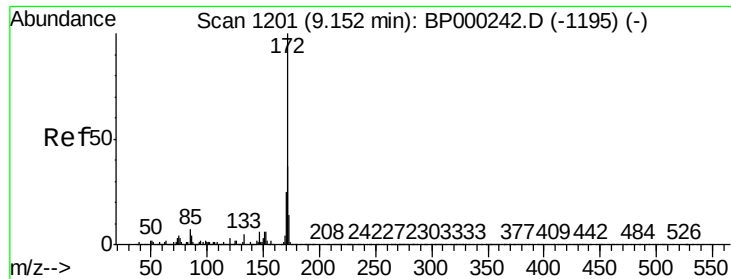
Delta R.T. -0.01 min

Lab File: BP000401.D

Acq: 24 Sep 2019 22:39

Tgt Ion:330	Resp:	604398
Ion Ratio	Lower	Upper
330	100	
332	96.1	76.6 115.0
141	33.1	26.5 39.7

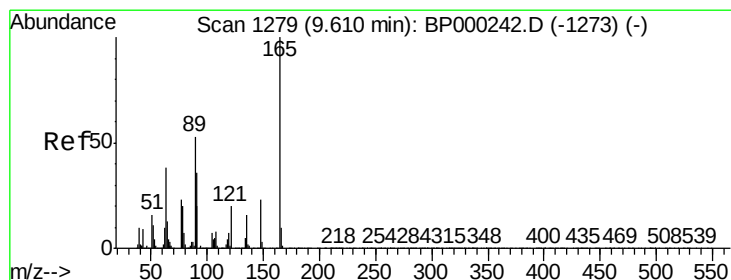
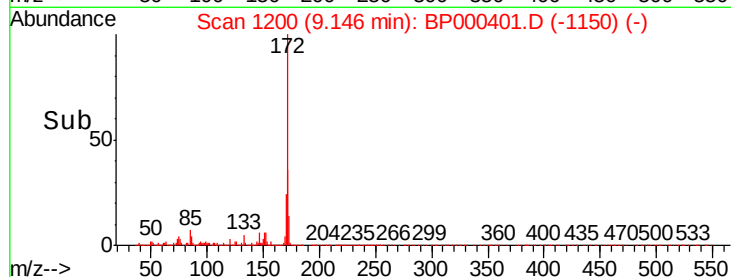
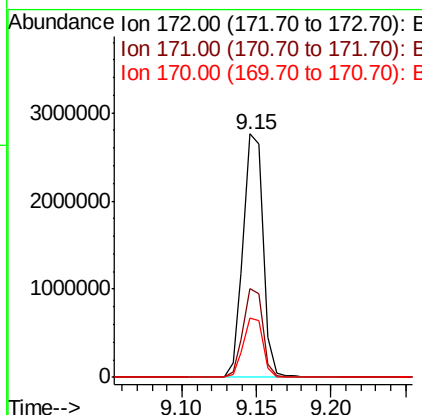
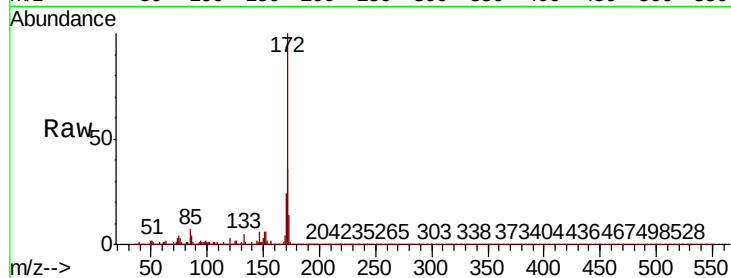




#45
2-Fluorobiphenyl
Concen: 100.909 ng
RT: 9.15 min Scan# 1200
Delta R.T. -0.01 min
Lab File: BP000401.D
Acq: 24 Sep 2019 22:39

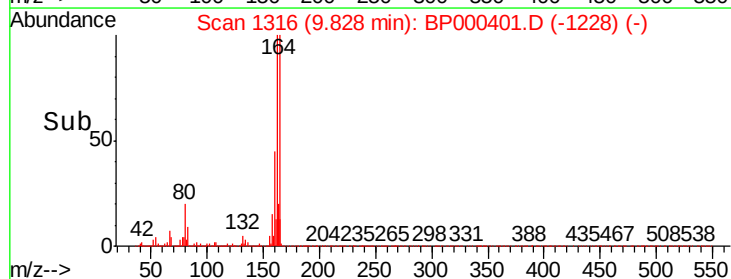
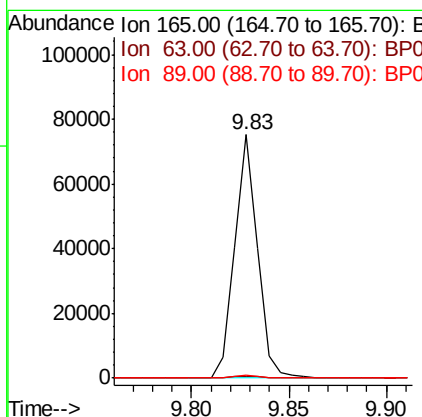
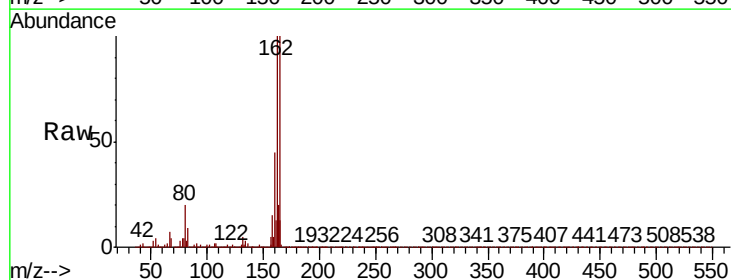
Instrument :
BNA_P
ClientSampleId :

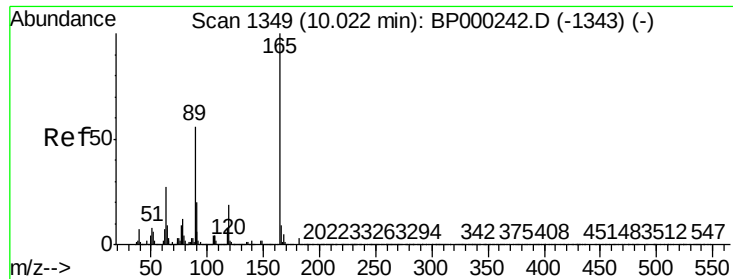
Tot Ion:172 Resp: 2589795
Ion Ratio Lower Upper
172 100
171 36.3 29.8 44.6
170 24.5 19.8 29.6



#51
2,6-Dinitrotoluene
Concen: 8.783 ng
RT: 9.83 min Scan# 1316
Delta R.T. 0.22 min
Lab File: BP000401.D
Acq: 24 Sep 2019 22:39

Tgt Ion:165 Resp: 60775
Ion Ratio Lower Upper
165 100
63 0.9 35.8 53.8#
89 1.1 42.6 63.8#

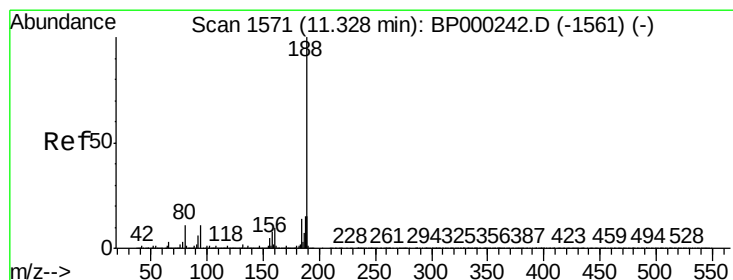
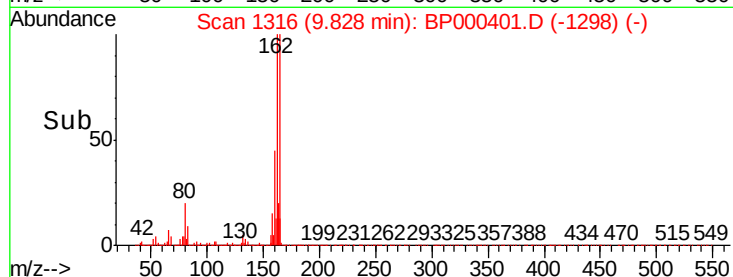
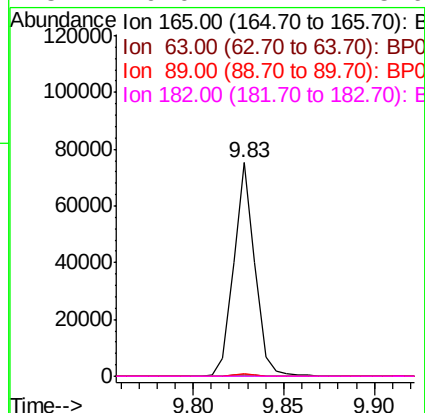
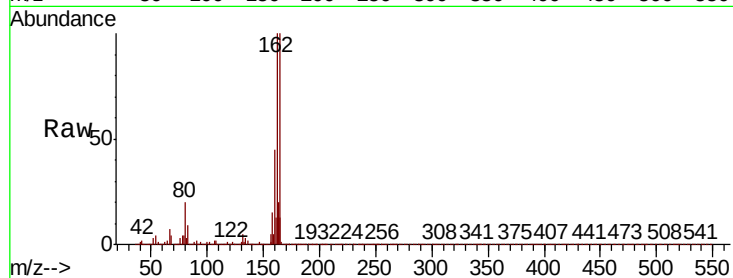




#57
2,4-Dinitrotoluene
Concen: 6.723 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.19 min
Lab File: BP000401.D
Acq: 24 Sep 2019 22:39

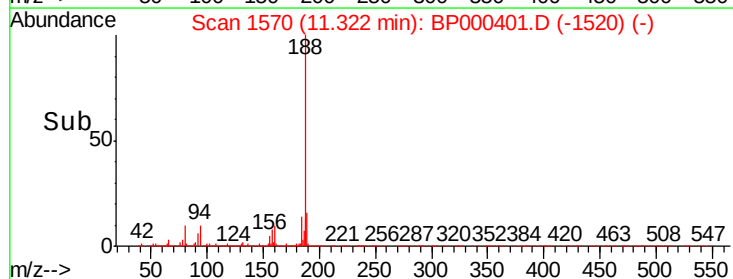
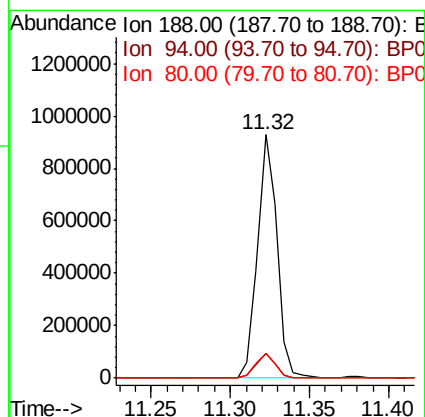
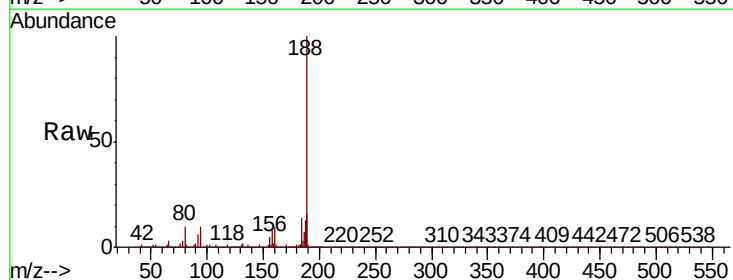
Instrument :
BNA_P
ClientSampleId :

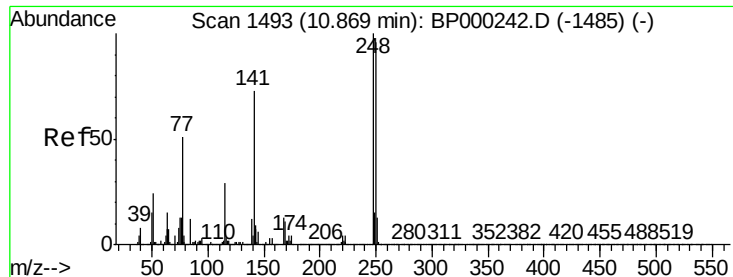
Tot Ion:165	Resp:	60822
Ion	Ratio	Lower Upper
165	100	
63	0.9	21.7 32.5#
89	1.1	45.0 67.6#
182	0.0	2.4 3.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BP000401.D
Acq: 24 Sep 2019 22:39

Tgt Ion:188	Resp:	795945
Ion	Ratio	Lower Upper
188	100	
94	10.0	8.5 12.7
80	10.4	8.6 13.0

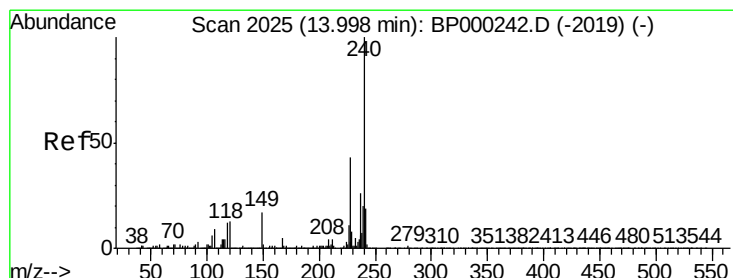
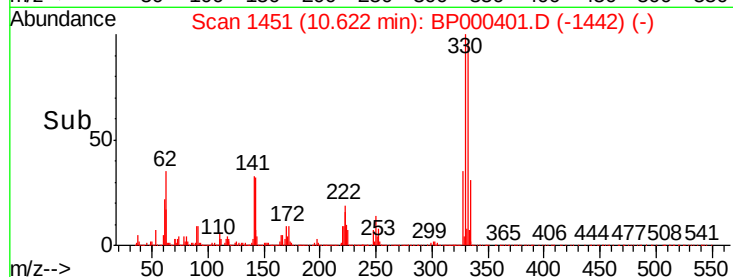
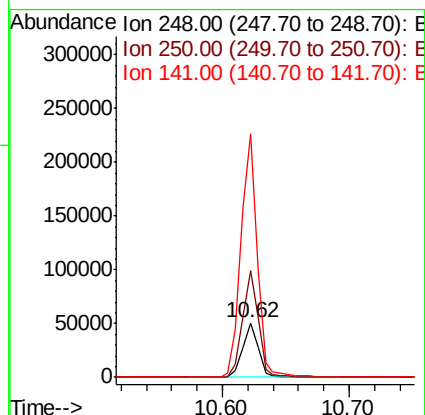
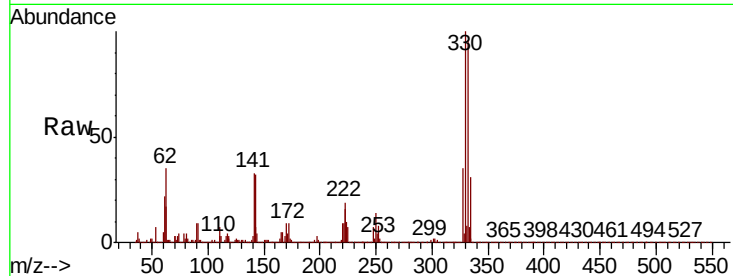




#67
4-Bromophenyl-phenylether
Concen: 4.716 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.25 min
Lab File: BP000401.D
Acq: 24 Sep 2019 22:39

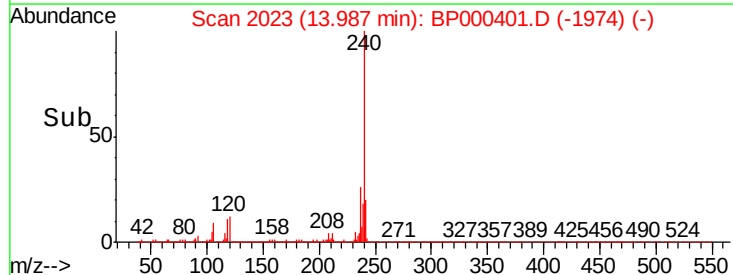
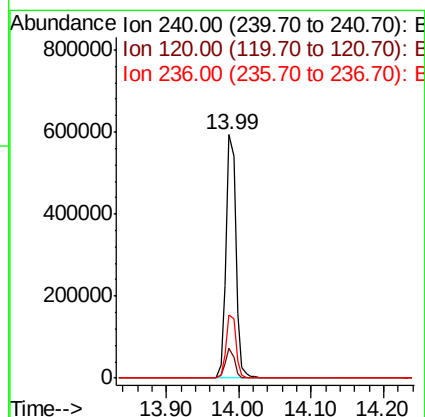
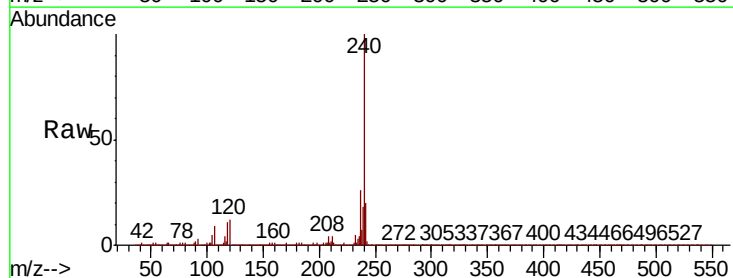
Instrument :
BNA_P
ClientSampled :

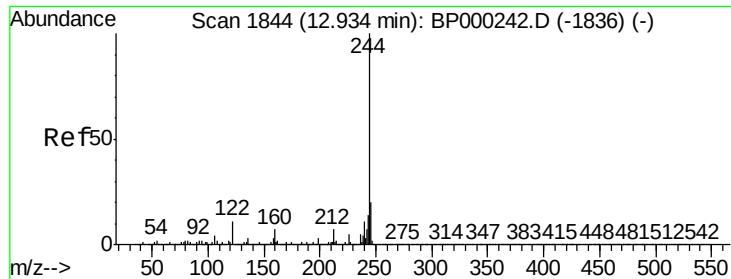
Tot Ion:248 Resp: 42448
Ion Ratio Lower Upper
248 100
250 195.8 77.0 115.4#
141 449.1 58.5 87.7#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BP000401.D
Acq: 24 Sep 2019 22:39

Tgt Ion:240 Resp: 566804
Ion Ratio Lower Upper
240 100
120 12.1 10.4 15.6
236 25.9 21.0 31.6

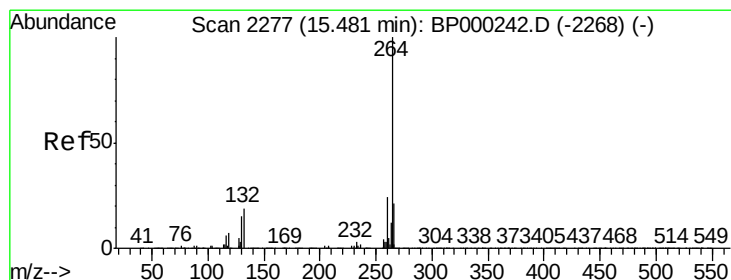
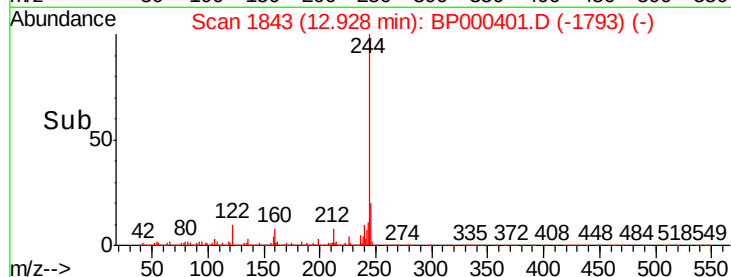
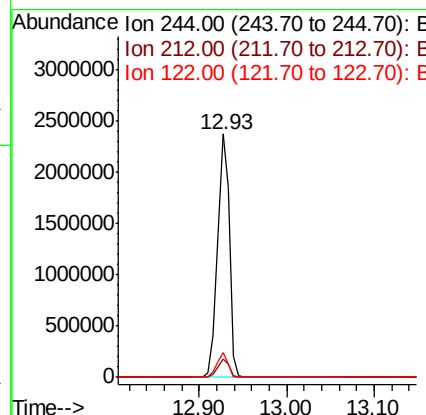
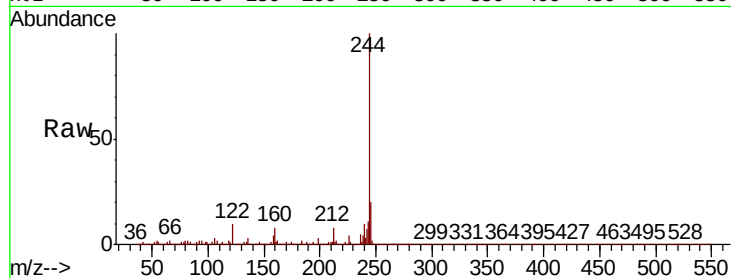




#79
 Terphenyl-d14
 Concen: 82.694 ng
 RT: 12.93 min Scan# 1843
 Delta R.T. -0.01 min
 Lab File: BP000401.D
 Acq: 24 Sep 2019 22:39

Instrument :
 BNA_P
 ClientSampleID :

Tot Ion:244 Resp: 2234265
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.9 8.9
 122 10.0 9.0 13.4



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2275
 Delta R.T. -0.01 min
 Lab File: BP000401.D
 Acq: 24 Sep 2019 22:39

Tgt Ion:264 Resp: 772396
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.9 28.3
 265 21.7 17.2 25.8

