

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122619\
 Data File : BP001423.D
 Acq On : 26 Dec 2019 15:56
 Operator : JU
 Sample : K6312-08
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Dec 27 03:51:45 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP121919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 24 16:04:49 2019
 Response via : Initial Calibration

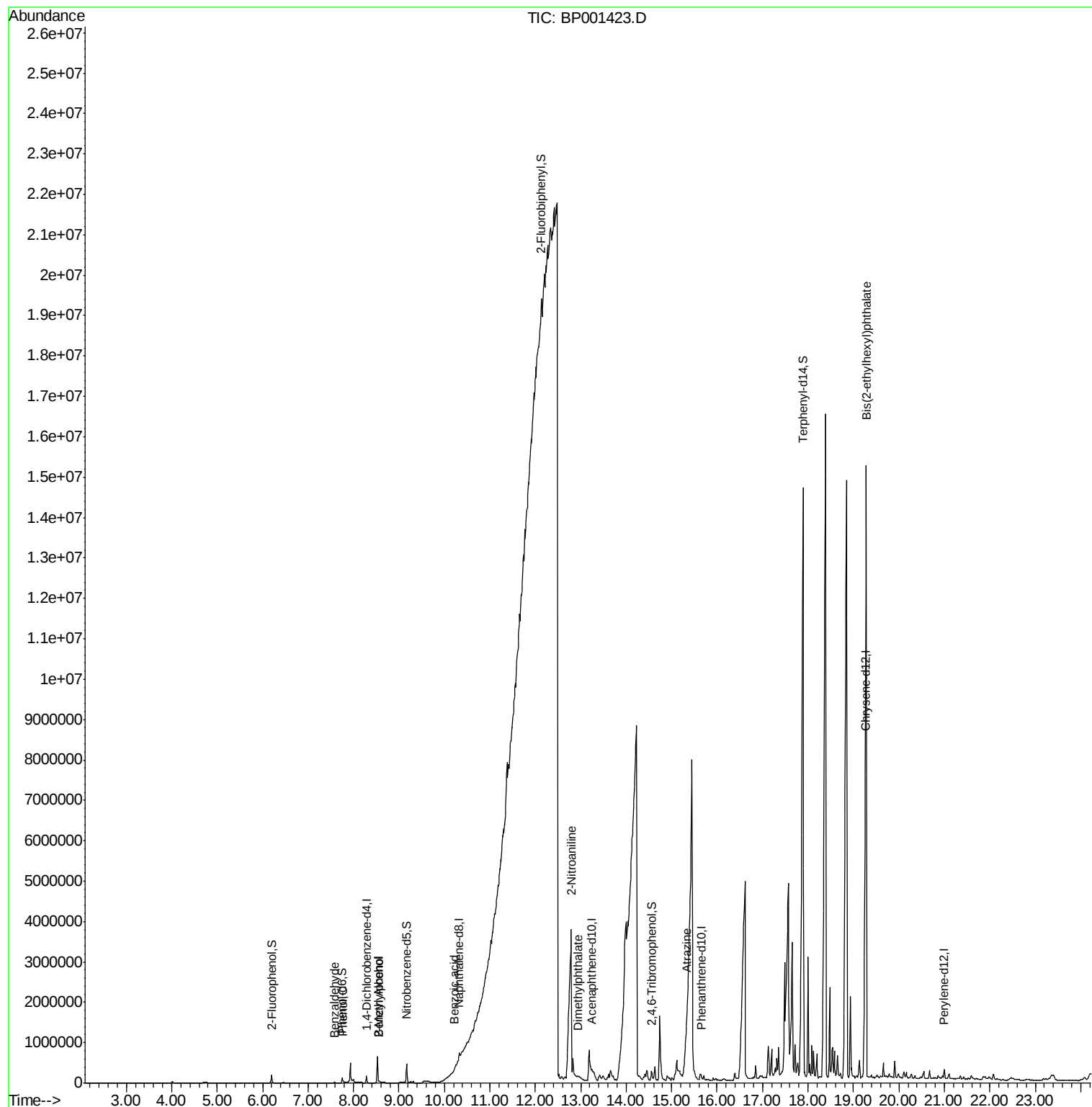
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.29	152	30210	20.00	ng	0.00
21) Naphthalene-d8	10.32	136	95699	20.00	ng	0.00
39) Acenaphthene-d10	13.25	164	50328	20.00	ng	0.06
64) Phenanthrene-d10	15.65	188	114779	20.00	ng	0.06
76) Chrysene-d12	19.25	240	117083	20.00	ng	0.02
87) Perylene-d12	21.00	264	112850	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.20	112	63489	33.97	ng	0.00
7) Phenol-d6	7.75	99	52500	21.52	ng	0.00
23) Nitrobenzene-d5	9.17	82	174201	69.90	ng	0.00
42) 2,4,6-Tribromophenol	14.56	330	45109	71.69	ng	0.08
45) 2-Fluorobiphenyl	12.12	172	242872	61.02	ng	0.02
79) Terphenyl-d14	17.89	244	491259	71.86	ng	0.02
Target Compounds						
9) Benzaldehyde	7.58	77	5045	2.949	ng	89
10) Phenol	7.77	94	6491	2.329	ng	82
15) Benzyl Alcohol	8.57	79	14902	6.511	ng	97
17) 2-Methylphenol	8.56	107	7937	4.780	ng	# 23
32) Benzoic acid	10.22	122	499803	435.290	ng	93
48) 2-Nitroaniline	12.78	65	19494	14.298	ng	# 19
50) Dimethylphthalate	12.93	163	8953	2.168	ng	# 92
69) Atrazine	15.33	200	4212	3.223	ng	# 55
84) Bis(2-ethylhexyl)phthalate	19.29	149	13074	2.102	ng	# 58

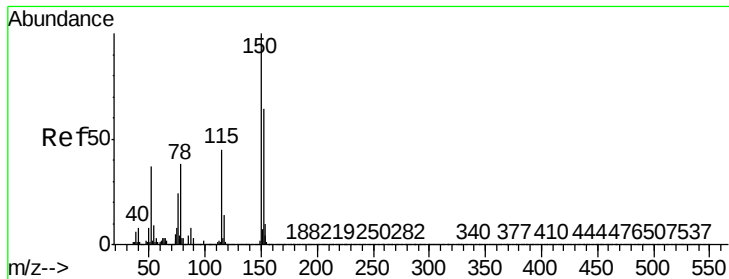
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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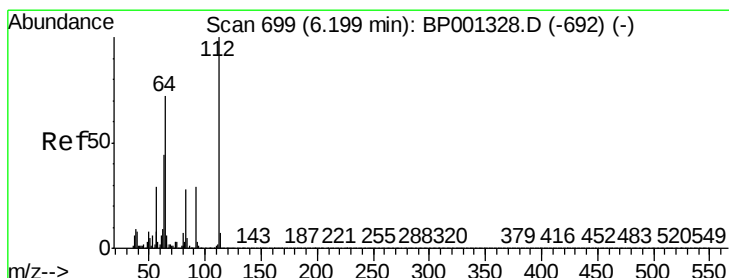
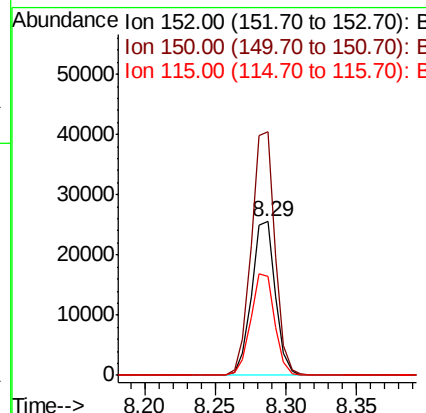
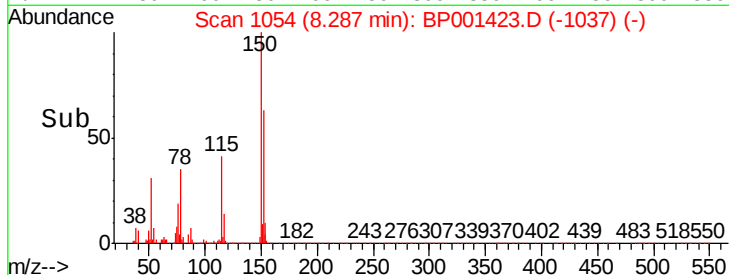
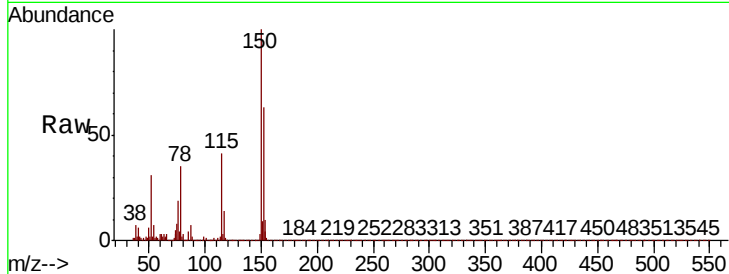




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.29 min Scan# 1054
Delta R.T. -0.00 min
Lab File: BP001423.D
Acq: 26 Dec 2019 15:56

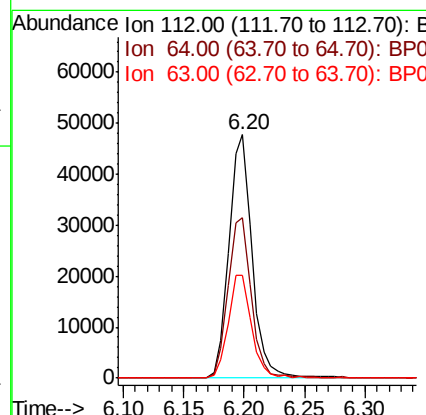
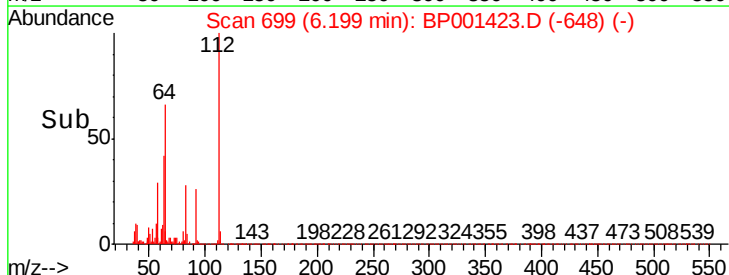
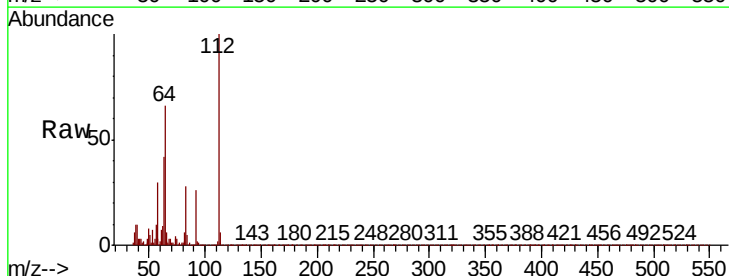
Instrument :
BNA_P
ClientSampled :

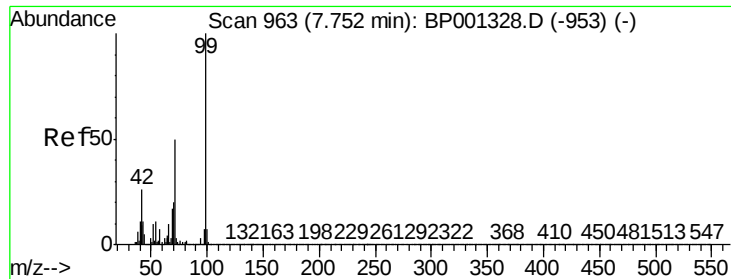
Tot Ion	Ratio	Lower	Upper
152	100		
150	158.5	127.0	190.6
115	64.4	56.1	84.1



#5
2-Fluorophenol
Concen: 33.966 ng
RT: 6.20 min Scan# 699
Delta R.T. -0.00 min
Lab File: BP001423.D
Acq: 26 Dec 2019 15:56

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.0	53.9	80.9
63	42.0	33.4	50.0





#7

Phenol-d6

Concen: 21.525 ng

RT: 7.75 min Scan# 962

Delta R.T. -0.01 min

Lab File: BP001423.D

Acq: 26 Dec 2019 15:56

Instrument :

BNA_P

ClientSampleId :

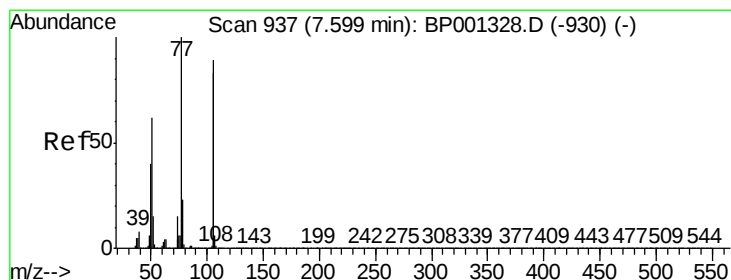
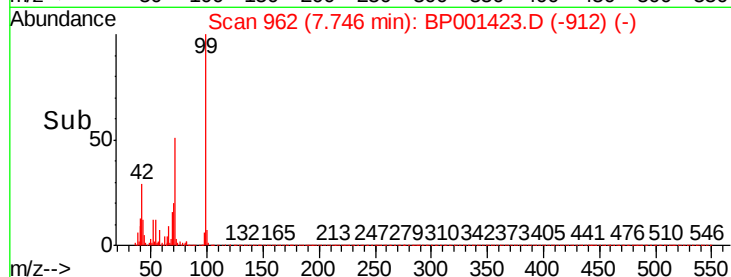
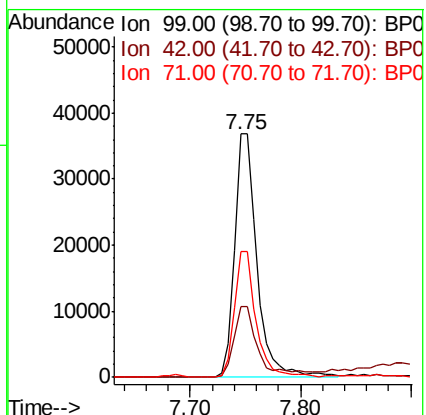
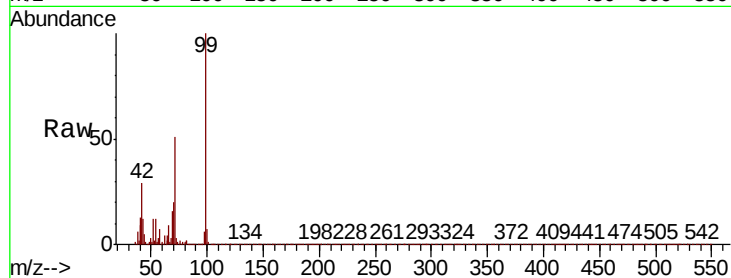
Tot Ion: 99 Resp: 52500

Ion Ratio Lower Upper

99 100

42 28.9 20.8 31.2

71 51.5 38.2 57.4



#9

Benzaldehyde

Concen: 2.949 ng

RT: 7.58 min Scan# 934

Delta R.T. -0.00 min

Lab File: BP001423.D

Acq: 26 Dec 2019 15:56

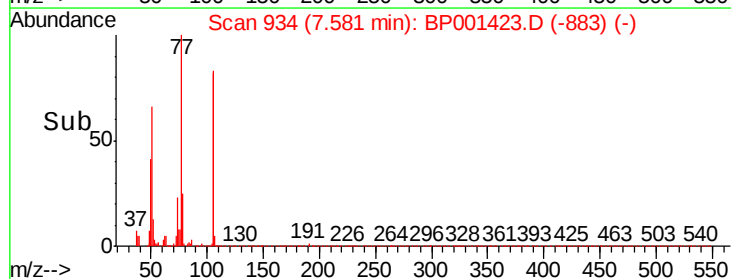
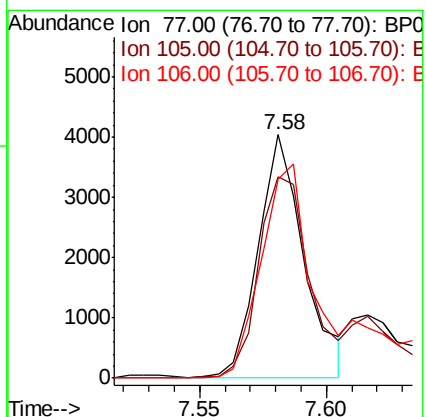
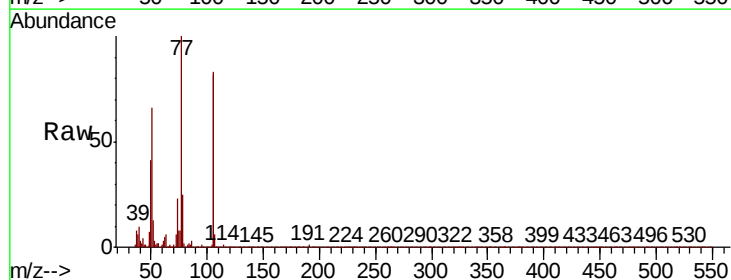
Tgt Ion: 77 Resp: 5045

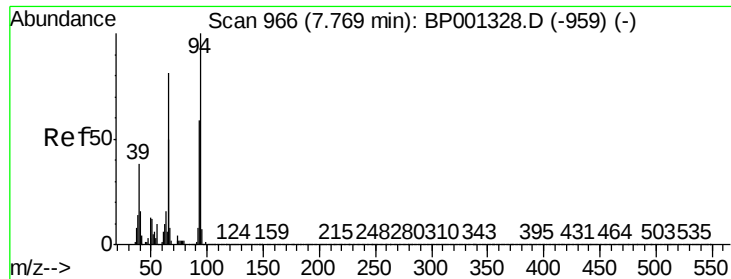
Ion Ratio Lower Upper

77 100

105 82.7 75.7 115.7

106 81.8 70.5 110.5





#10

Phenol

Concen: 2.329 ng

RT: 7.77 min Scan# 966

Delta R.T. -0.00 min

Lab File: BP001423.D

Acq: 26 Dec 2019 15:56

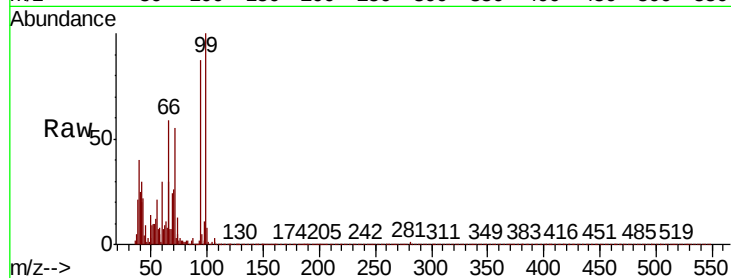
Instrument :

BNA_P

ClientSampleId :

Tot Ion: 94 Resp: 6491

Ion	Ratio	Lower	Upper
94	100		
65	34.9	29.6	69.6
66	68.6	62.3	102.3

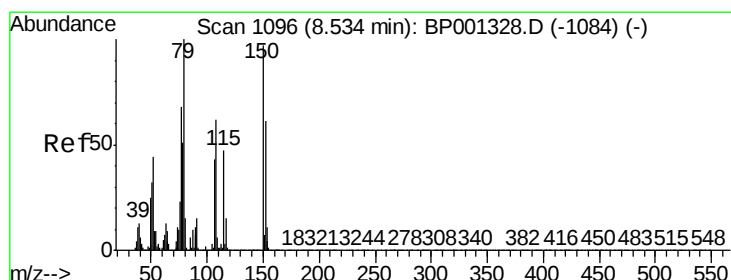
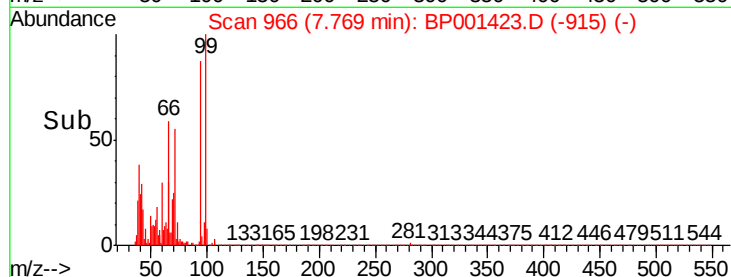
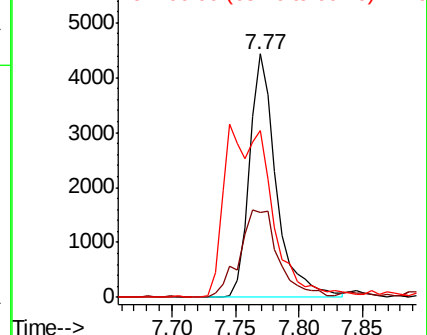


Abundance

Ion 94.00 (93.70 to 94.70): BP0

Ion 65.00 (64.70 to 65.70): BP0

Ion 66.00 (65.70 to 66.70): BP0



#15

Benzyl Alcohol

Concen: 6.511 ng

RT: 8.57 min Scan# 1102

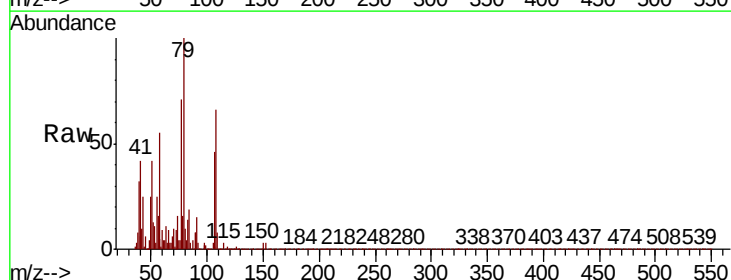
Delta R.T. 0.05 min

Lab File: BP001423.D

Acq: 26 Dec 2019 15:56

Tgt Ion: 79 Resp: 14902

Ion	Ratio	Lower	Upper
79	100		
108	66.2	49.0	73.4
77	70.6	56.7	85.1

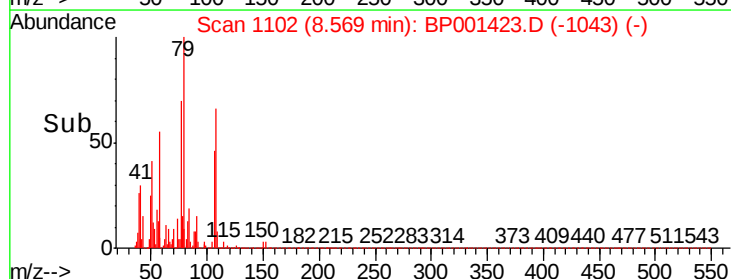
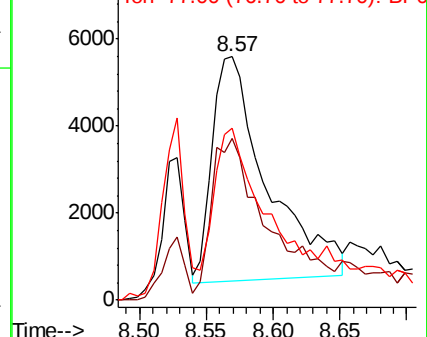


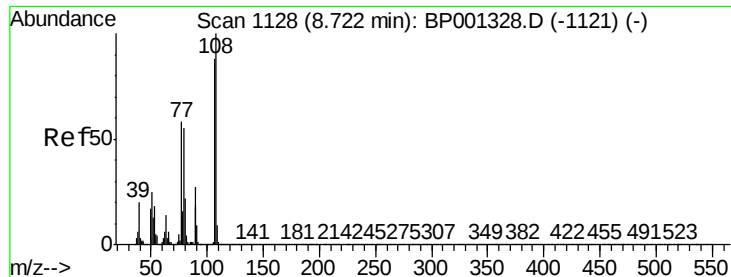
Abundance

Ion 79.00 (78.70 to 79.70): BP0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BP0

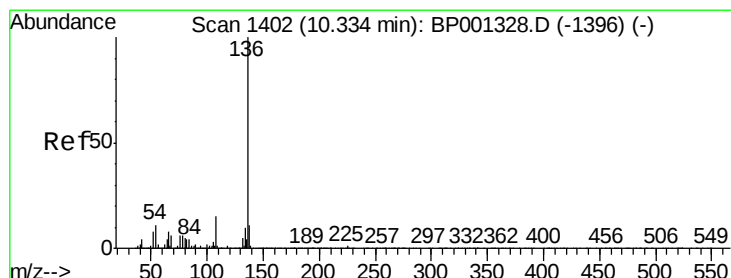
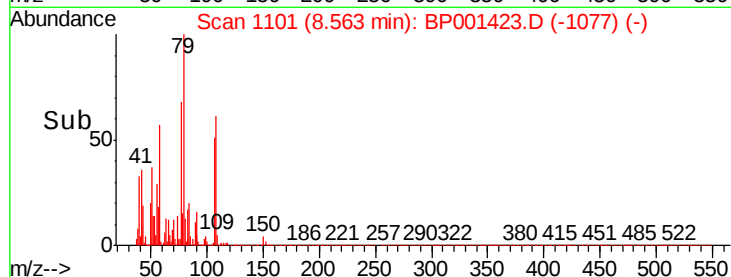
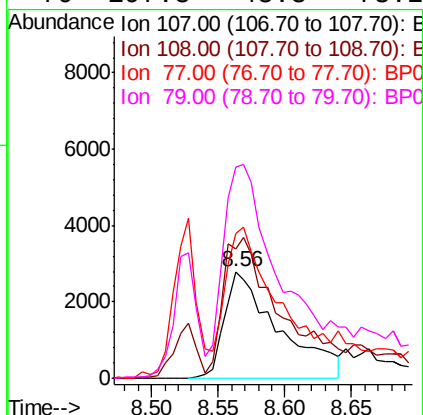
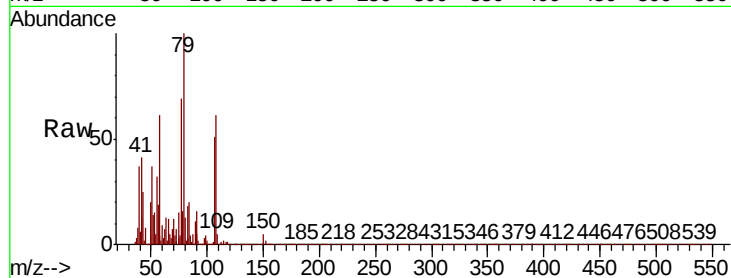




#17
2-Methylphenol
Concen: 4.780 ng
RT: 8.56 min Scan# 1101
Delta R.T. -0.16 min
Lab File: BP001423.D
Acq: 26 Dec 2019 15:56

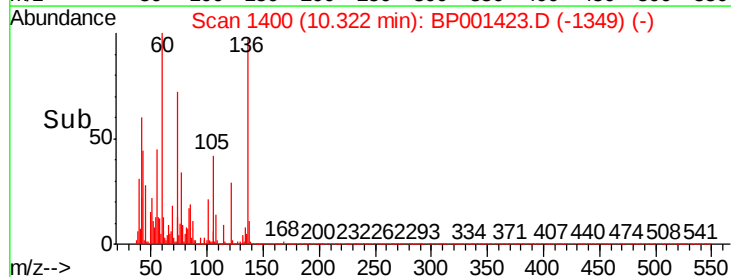
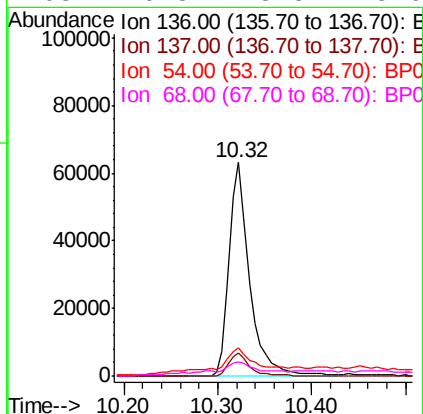
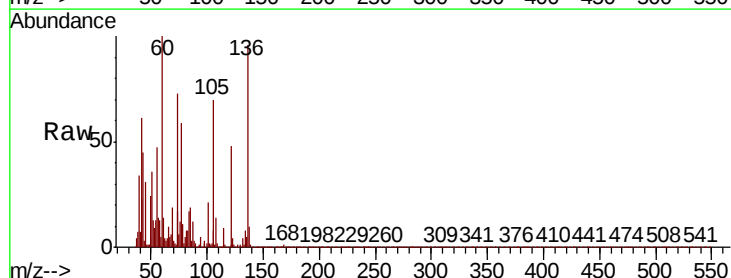
Instrument :
BNA_P
ClientSampleId :

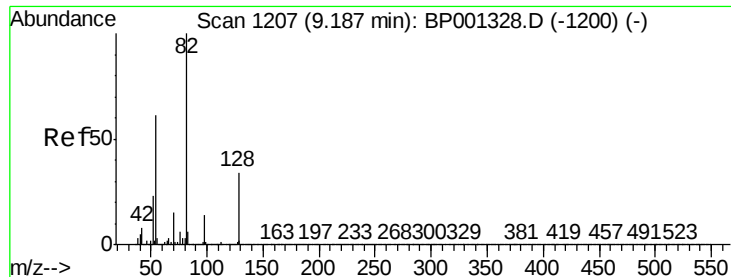
Tot Ion:	107	Resp:	7937
Ion	Ratio	Lower	Upper
107	100		
108	120.9	88.8	133.2
77	135.6	48.9	73.3#
79	197.8	48.8	73.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.32 min Scan# 1400
Delta R.T. -0.00 min
Lab File: BP001423.D
Acq: 26 Dec 2019 15:56

Tgt Ion:	136	Resp:	95699
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.4
54	13.1	7.3	10.9#
68	6.8	3.8	5.6#

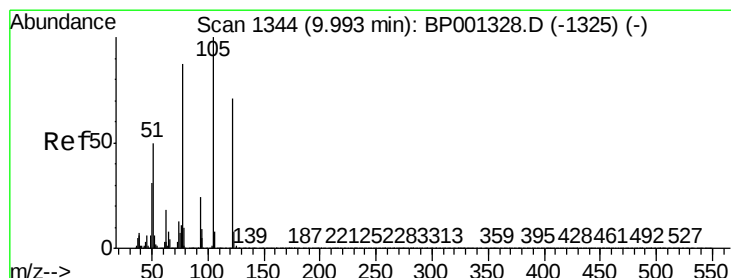
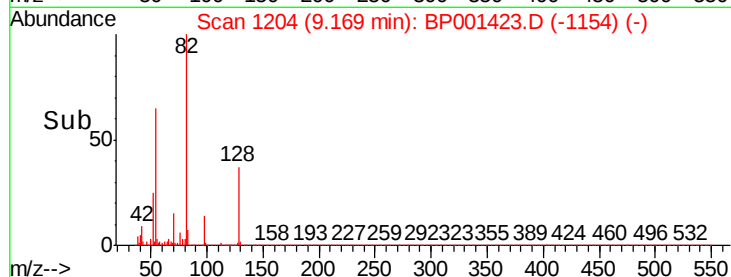
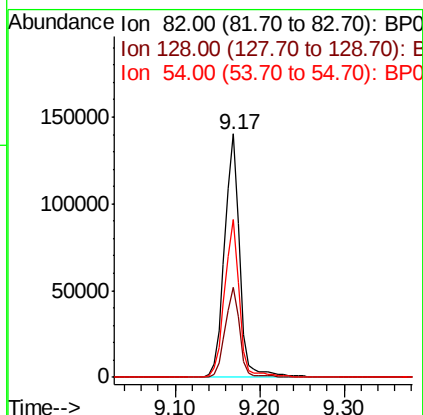
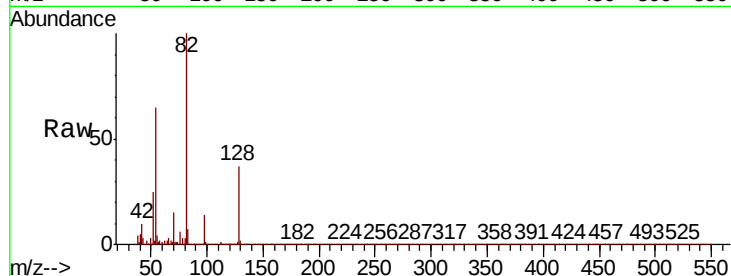




#23
Nitrobenzene-d5
Concen: 69.902 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BP001423.D
Acq: 26 Dec 2019 15:56

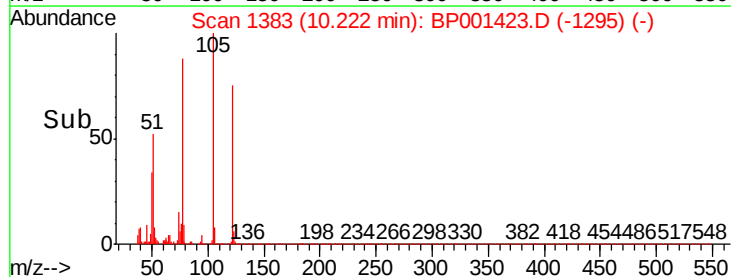
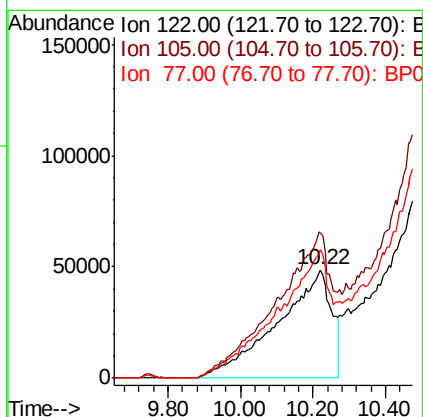
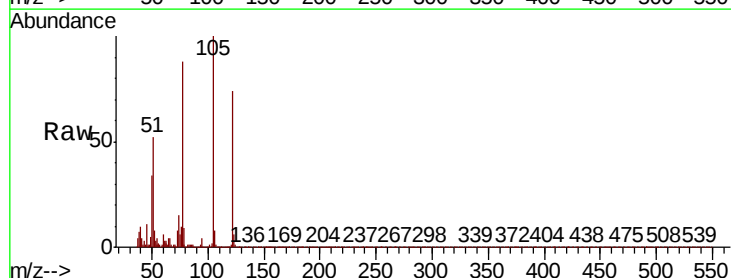
Instrument :
BNA_P
ClientSampleId :

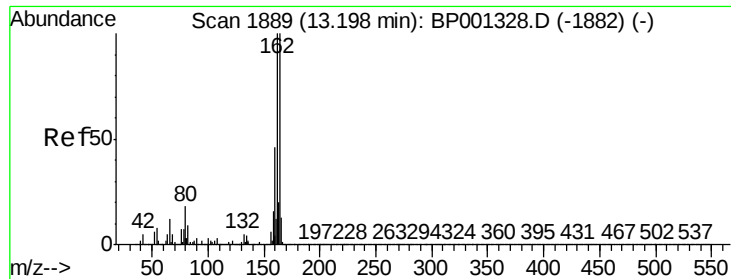
Tot Ion: 82 Resp: 174201
Ion Ratio Lower Upper
82 100
128 37.0 27.4 41.0
54 64.9 47.5 71.3



#32
Benzoic acid
Concen: 435.290 ng
RT: 10.22 min Scan# 1383
Delta R.T. 0.22 min
Lab File: BP001423.D
Acq: 26 Dec 2019 15:56

Tgt Ion: 122 Resp: 499803
Ion Ratio Lower Upper
122 100
105 134.3 117.8 157.8
77 118.7 85.6 125.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 13.25 min Scan# 1897

Delta R.T. 0.06 min

Lab File: BP001423.D

Acq: 26 Dec 2019 15:56

Instrument :

BNA_P

ClientSampleId :

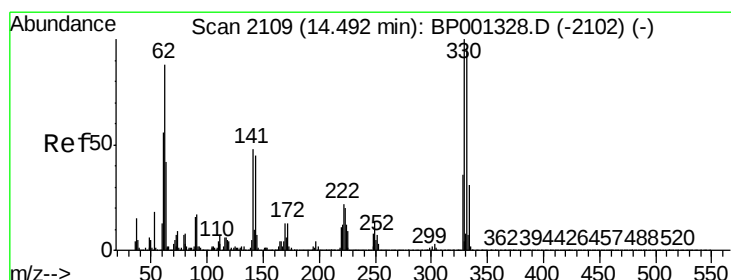
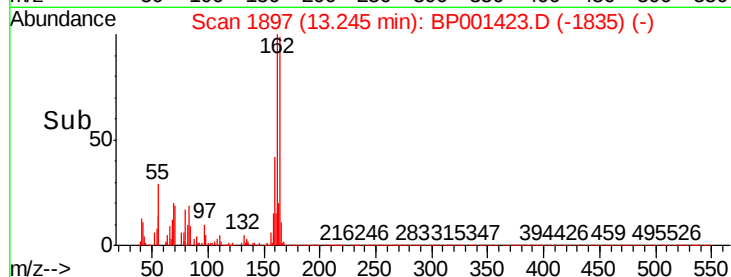
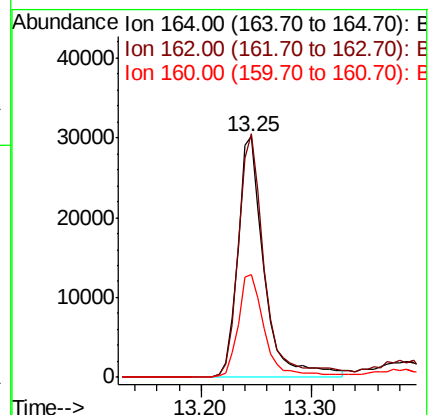
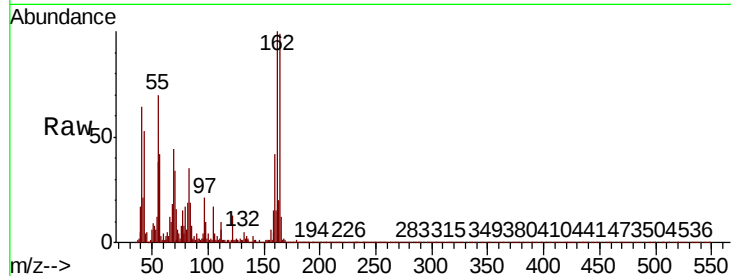
Tot Ion:164 Resp: 50328

Ion Ratio Lower Upper

164 100

162 101.1 78.2 117.4

160 42.7 35.1 52.7



#42

2,4,6-Tribromophenol

Concen: 71.691 ng

RT: 14.56 min Scan# 2120

Delta R.T. 0.08 min

Lab File: BP001423.D

Acq: 26 Dec 2019 15:56

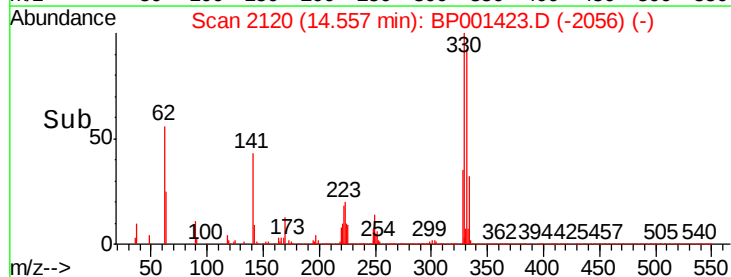
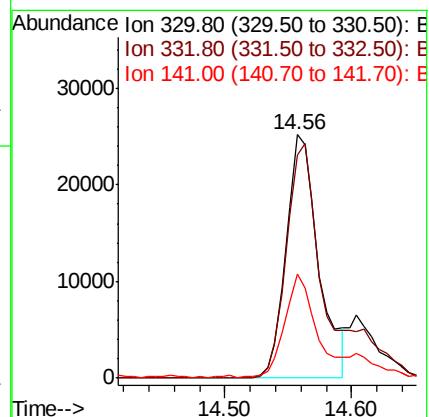
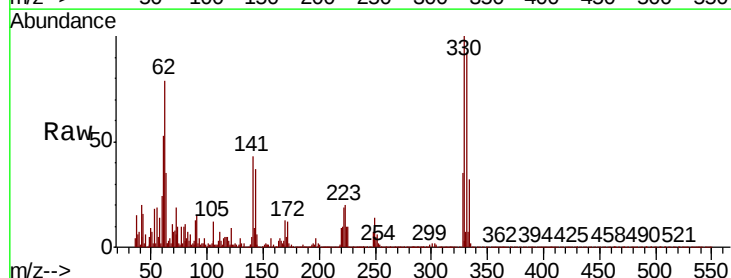
Tgt Ion:330 Resp: 45109

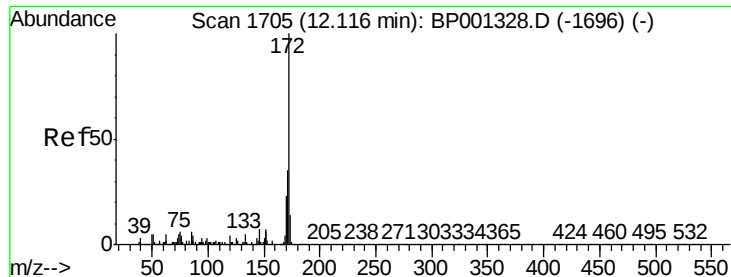
Ion Ratio Lower Upper

330 100

332 100.1 78.3 117.5

141 40.8 26.8 40.2#

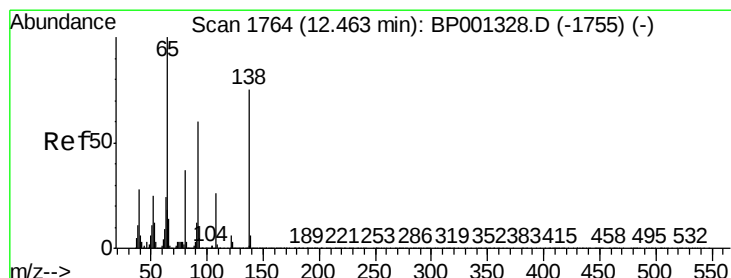
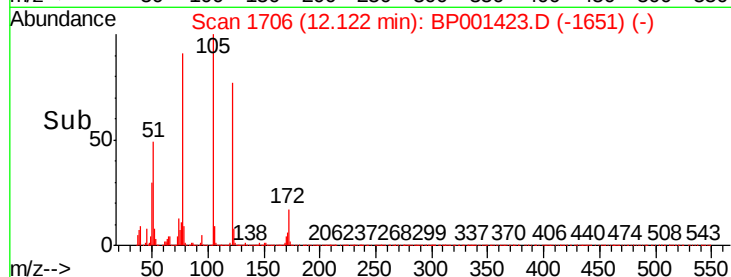
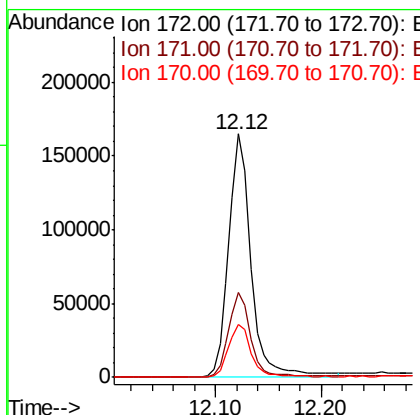
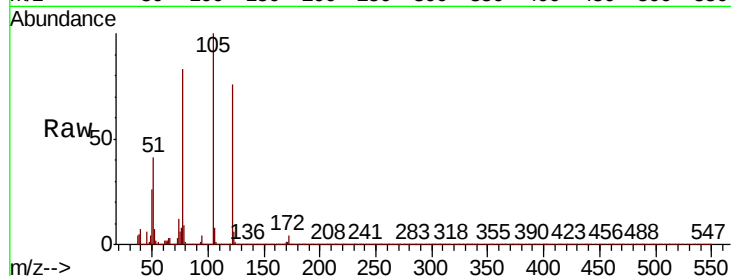




#45
2-Fluorobiphenyl
Concen: 61.021 ng
RT: 12.12 min Scan# 1706
Delta R.T. 0.02 min
Lab File: BP001423.D
Acq: 26 Dec 2019 15:56

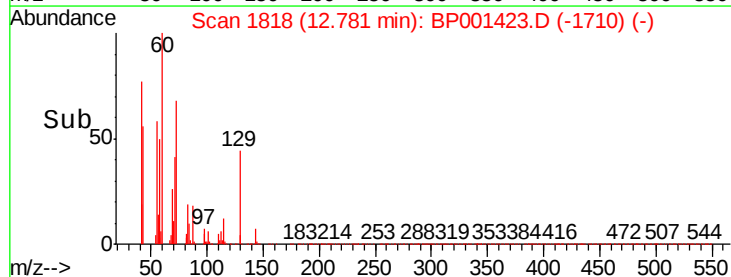
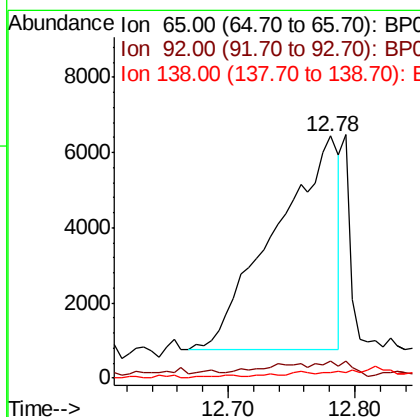
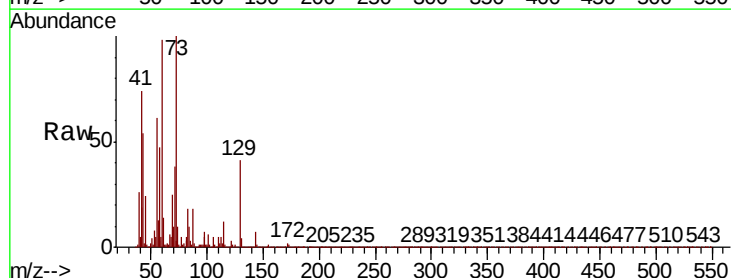
Instrument :
BNA_P
ClientSampleId :

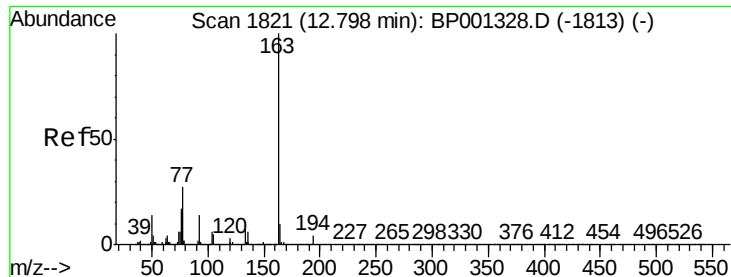
Tot Ion:172 Resp: 242872
Ion Ratio Lower Upper
172 100
171 34.7 27.4 41.0
170 21.8 18.2 27.4



#48
2-Nitroaniline
Concen: 14.298 ng
RT: 12.78 min Scan# 1818
Delta R.T. 0.34 min
Lab File: BP001423.D
Acq: 26 Dec 2019 15:56

Tgt Ion: 65 Resp: 19494
Ion Ratio Lower Upper
65 100
92 7.0 48.9 73.3#
138 2.1 65.1 97.7#





#50

Dimethylphthalate

Concen: 2.168 ng

RT: 12.93 min Scan# 1843

Delta R.T. 0.15 min

Lab File: BP001423.D

Acq: 26 Dec 2019 15:56

Instrument :

BNA_P

ClientSampleId :

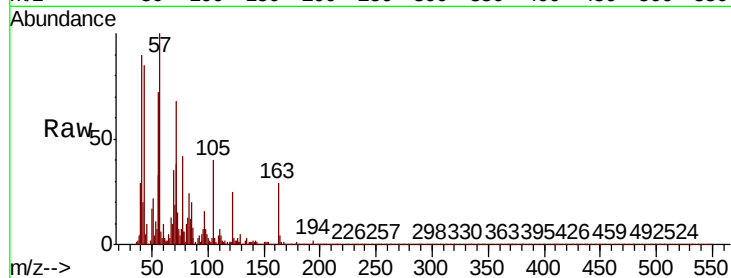
Tot Ion:163 Resp: 8953

Ion Ratio Lower Upper

163 100

194 6.7 3.2 4.8#

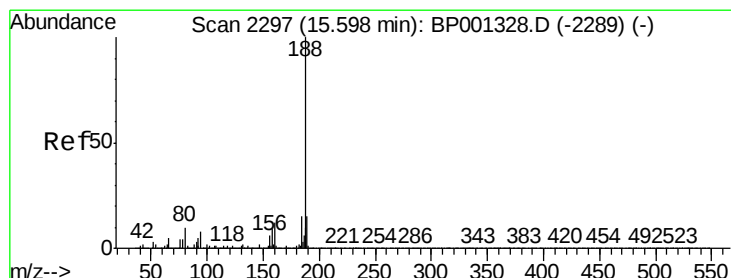
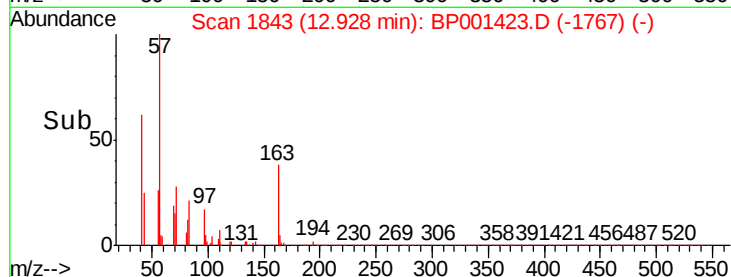
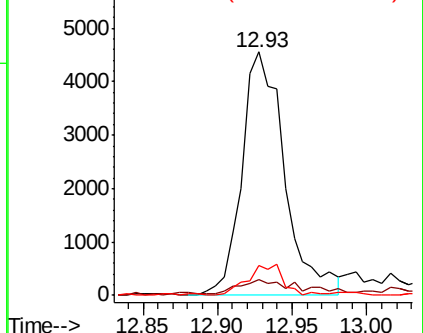
164 12.4 7.7 11.5#



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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 15.65 min Scan# 2305

Delta R.T. 0.06 min

Lab File: BP001423.D

Acq: 26 Dec 2019 15:56

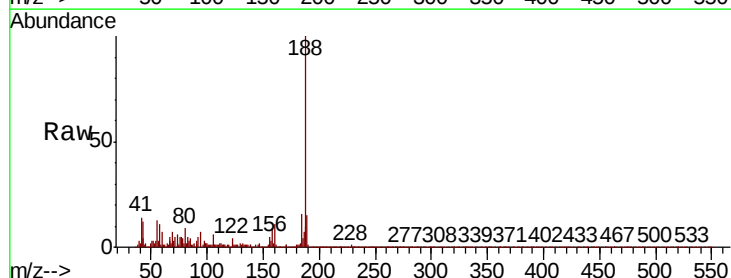
Tgt Ion:188 Resp: 114779

Ion Ratio Lower Upper

188 100

94 7.5 5.8 8.8

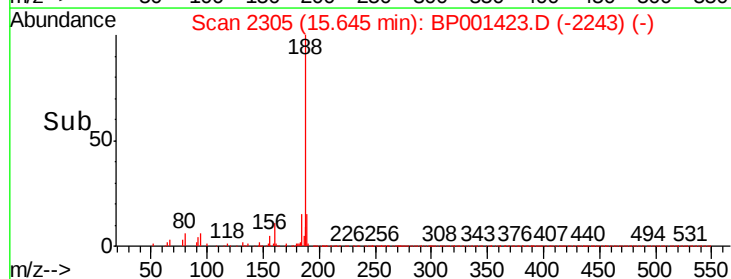
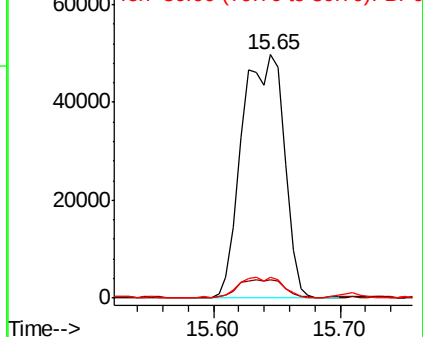
80 8.5 5.7 8.5#

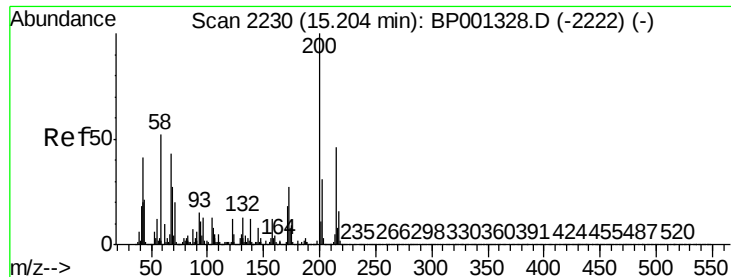


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BP0

Ion 80.00 (79.70 to 80.70): BP0





#69

Atrazine

Concen: 3.223 ng

RT: 15.33 min Scan# 2251

Delta R.T. 0.14 min

Lab File: BP001423.D

Acq: 26 Dec 2019 15:56

Instrument :

BNA_P

ClientSampled :

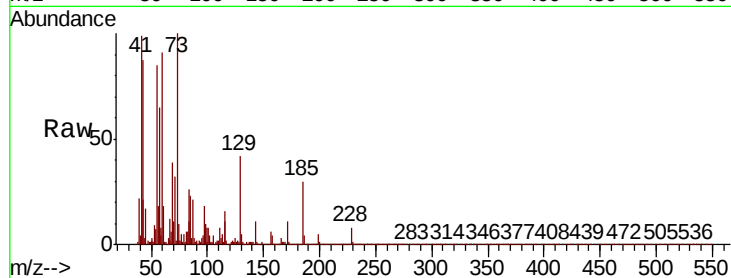
Tot Ion:200 Resp: 4212

Ion Ratio Lower Upper

200 100

173 16.0 3.9 43.9

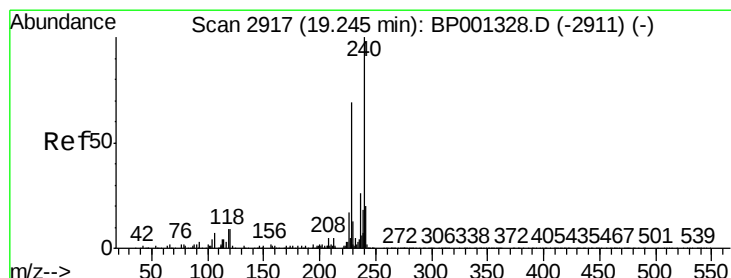
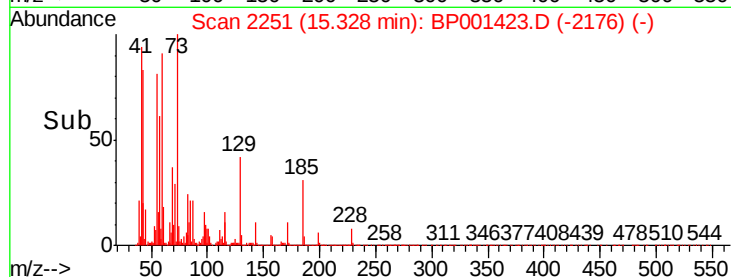
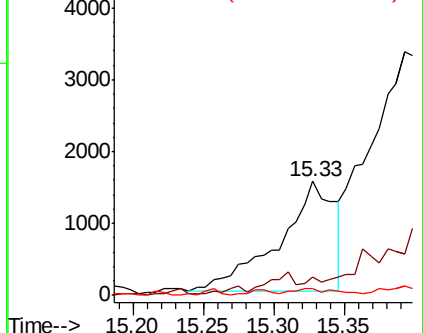
215 6.4 26.1 66.1#



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 19.25 min Scan# 2918

Delta R.T. 0.02 min

Lab File: BP001423.D

Acq: 26 Dec 2019 15:56

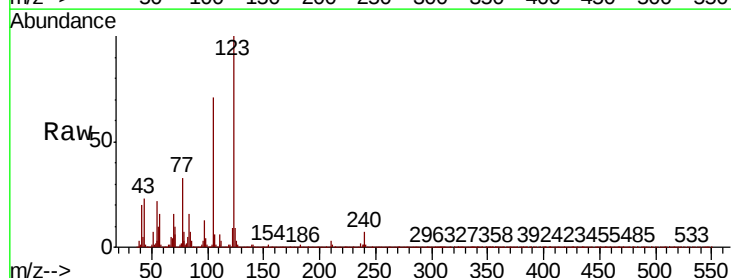
Tgt Ion:240 Resp: 117083

Ion Ratio Lower Upper

240 100

120 16.8 6.2 9.2#

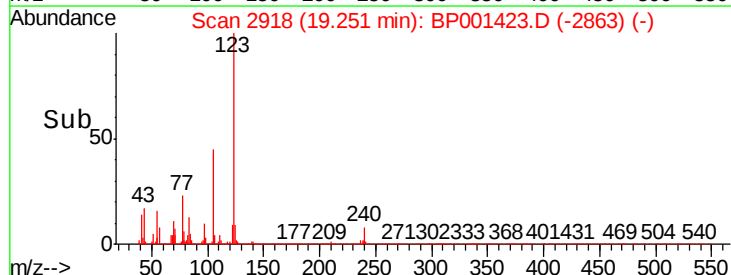
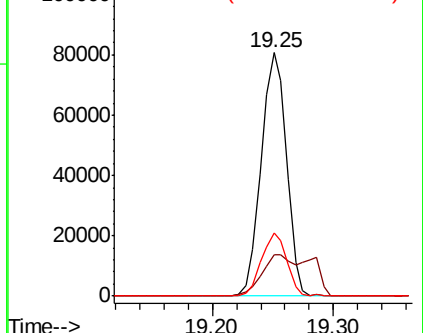
236 26.0 20.2 30.2

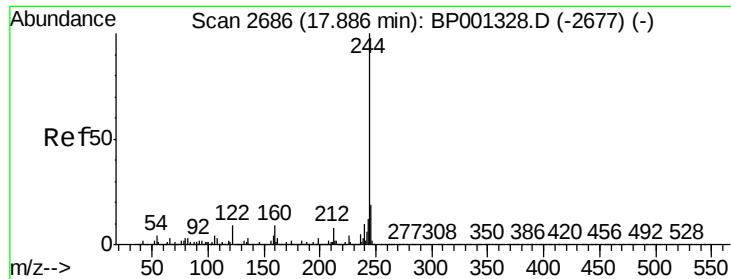


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 71.865 ng

RT: 17.89 min Scan# 2686

Delta R.T. 0.02 min

Lab File: BP001423.D

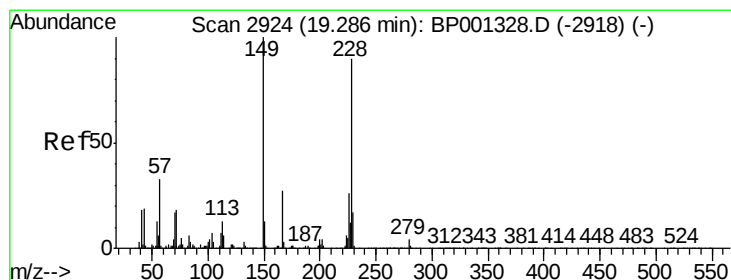
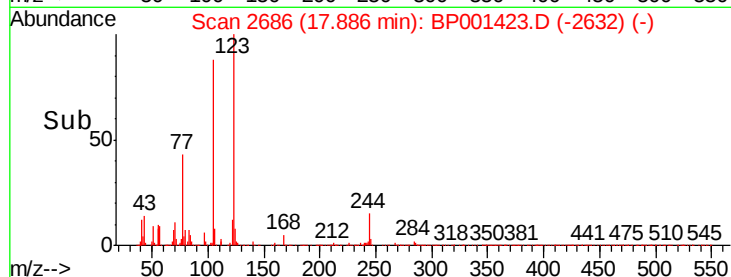
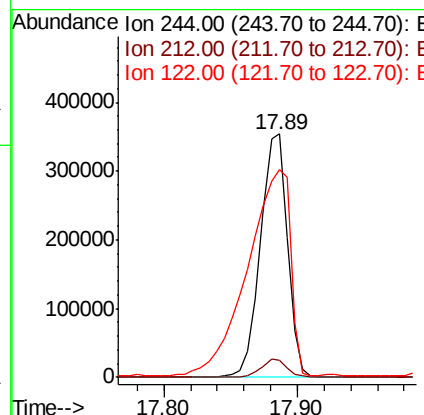
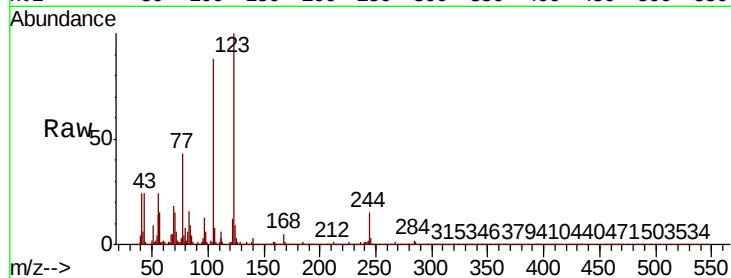
Acq: 26 Dec 2019 15:56

Instrument :

BNA_P

ClientSampleId :

Tot Ion:	244	Resp:	491259
Ion Ratio	Lower	Upper	
244	100		
212	6.9	5.8	8.8
122	85.4	6.4	9.6#



#84

Bis(2-ethylhexyl)phthalate

Concen: 2.102 ng

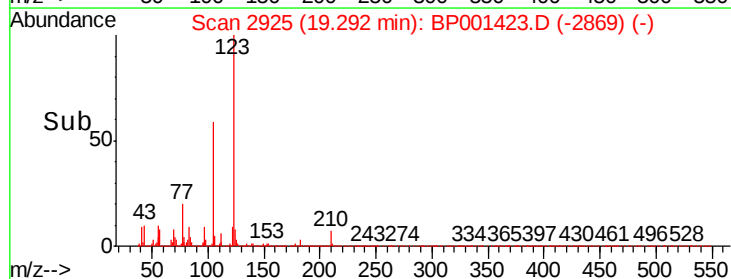
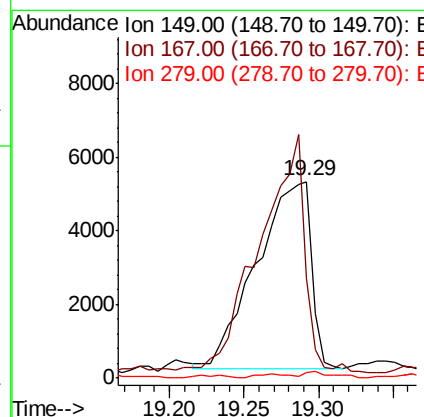
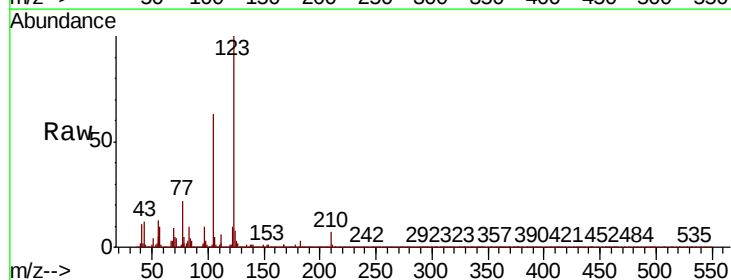
RT: 19.29 min Scan# 2925

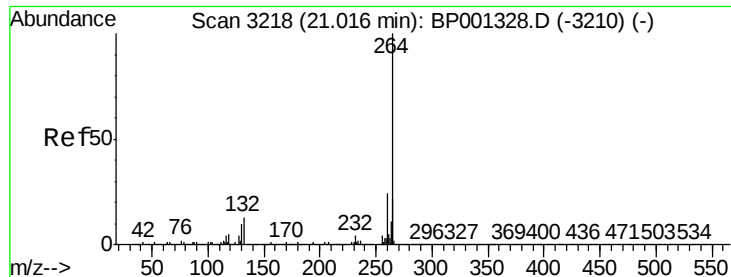
Delta R.T. 0.03 min

Lab File: BP001423.D

Acq: 26 Dec 2019 15:56

Tgt Ion:	149	Resp:	13074
Ion Ratio	Lower	Upper	
149	100		
167	51.2	21.4	32.0#
279	2.7	3.2	4.8#





#87
Pervlene-d12
Concen: 20.000 ng
RT: 21.00 min Scan# 3215
Delta R.T. 0.01 min
Lab File: BP001423.D
Acq: 26 Dec 2019 15:56

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.0	28.4
265	21.2	17.0	25.4

