

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122319\
 Data File : BP001374.D
 Acq On : 23 Dec 2019 18:38
 Operator : JU
 Sample : K6401-04
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 C0B38

Quant Time: Dec 24 05:51:14 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP121919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 20 03:20:39 2019
 Response via : Initial Calibration

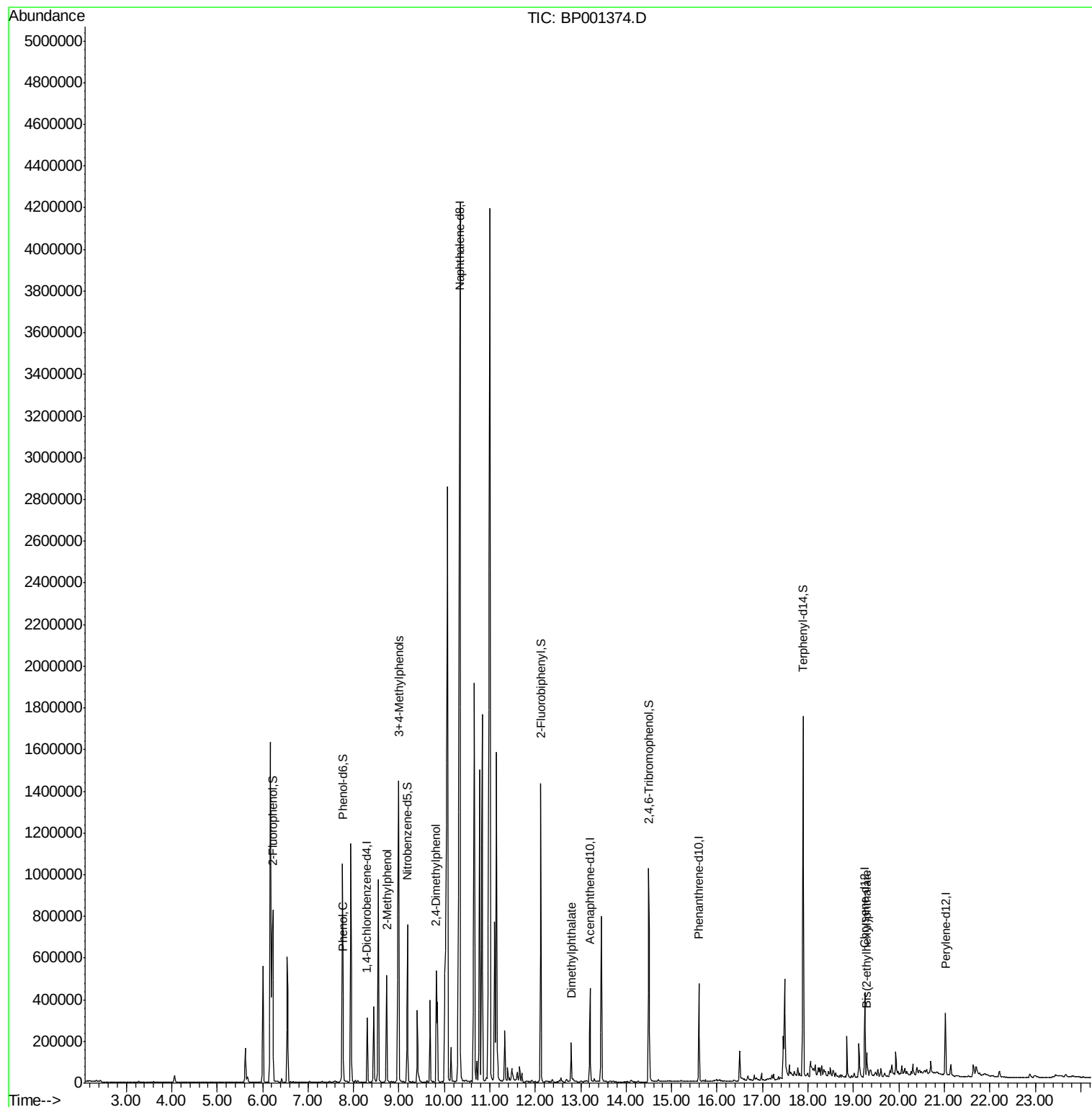
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.30	152	52442	20.00	ng	0.00
21) Naphthalene-d8	10.34	136	210473	20.00	ng	0.00
39) Acenaphthene-d10	13.20	164	112434	20.00	ng	0.00
64) Phenanthrene-d10	15.60	188	217410	20.00	ng	0.00
76) Chrysene-d12	19.25	240	148321	20.00	ng	0.00
87) Perylene-d12	21.03	264	150708	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.22	112	299702	92.36	ng	0.02
7) Phenol-d6	7.76	99	418448	98.83	ng	0.01
23) Nitrobenzene-d5	9.19	82	291047	53.10	ng	0.00
42) 2,4,6-Tribromophenol	14.50	330	133053	94.65	ng	0.00
45) 2-Fluorobiphenyl	12.12	172	518093	58.27	ng	0.00
79) Terphenyl-d14	17.89	244	588813	67.99	ng	0.00
Target Compounds						
10) Phenol	7.78	94	14088	2.912	ng	84
17) 2-Methylphenol	8.73	107	90970	31.558	ng	97
20) 3+4-Methylphenols	8.99	107	463055	121.052	ng	92
27) 2,4-Dimethylphenol	9.83	122	150647	53.248	ng	98
50) Dimethylphthalate	12.79	163	82994	8.998	ng	99
84) Bis(2-ethylhexyl)phthalate	19.29	149	34710	4.406	ng	# 96

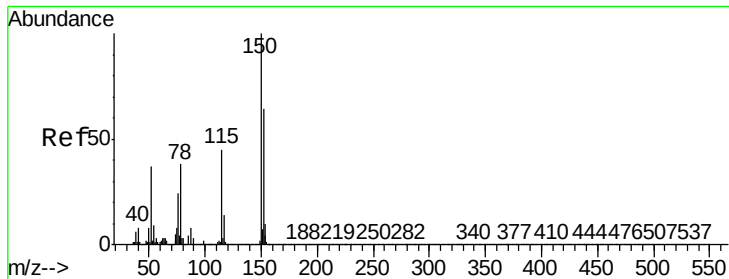
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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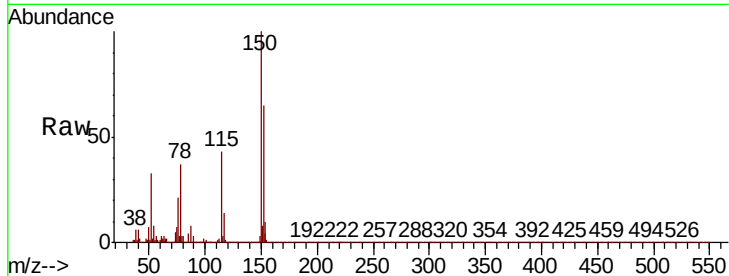




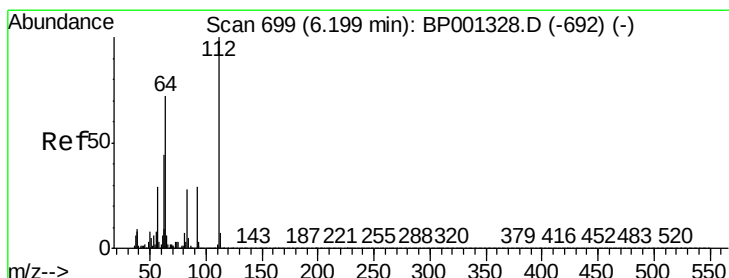
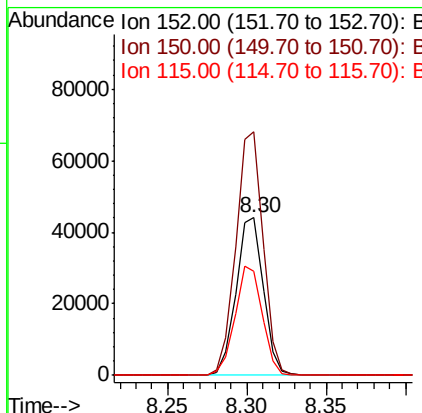
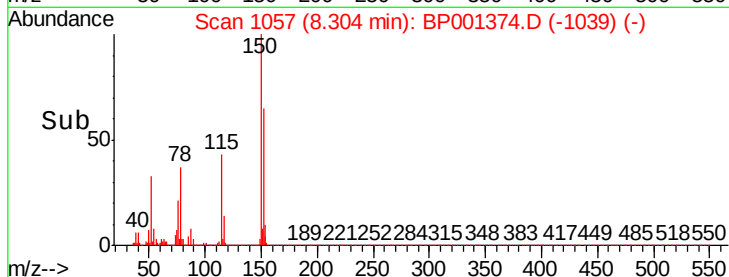
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.30 min Scan# 1057
 Delta R.T. 0.01 min
 Lab File: BP001374.D
 Acq: 23 Dec 2019 18:38

Instrument :
 BNA_P
 ClientSampleId :
 C0B38

Tot Ion:	152	Resp:	52442
Ion Ratio	Lower	Upper	
152	100		
150	154.4	124.0	186.0
115	65.9	59.3	88.9

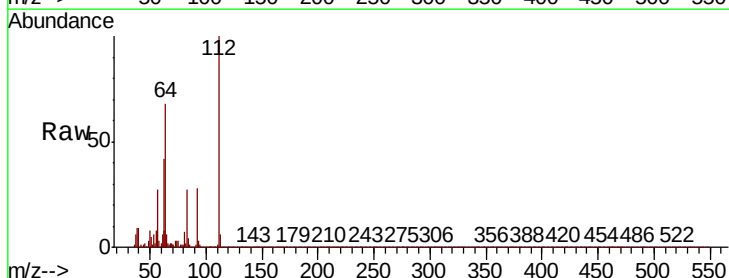


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

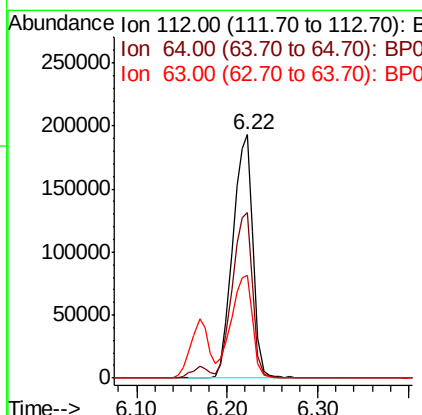
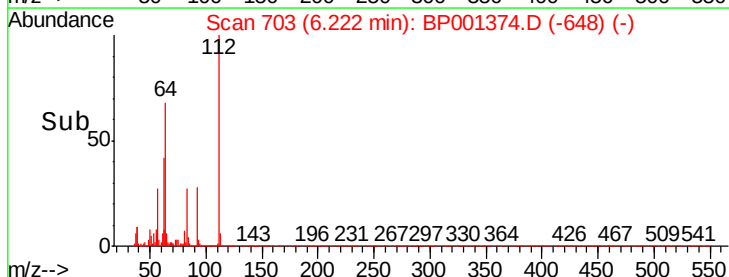


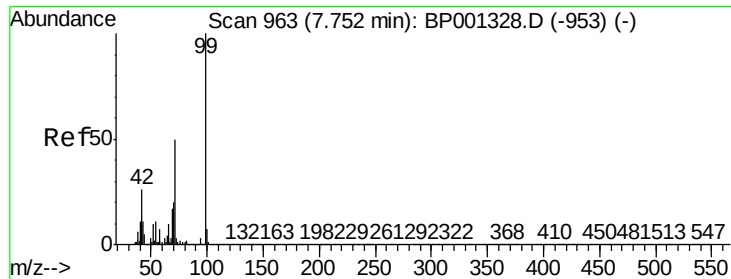
#5
 2-Fluorophenol
 Concen: 92.364 ng
 RT: 6.22 min Scan# 703
 Delta R.T. 0.02 min
 Lab File: BP001374.D
 Acq: 23 Dec 2019 18:38

Tgt Ion:	112	Resp:	299702
Ion Ratio	Lower	Upper	
112	100		
64	67.8	57.6	86.4
63	42.4	35.1	52.7



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: 98.830 ng

RT: 7.76 min Scan# 965

Delta R.T. 0.01 min

Lab File: BP001374.D

Acq: 23 Dec 2019 18:38

Instrument :

BNA_P

ClientSampleId :

C0B38

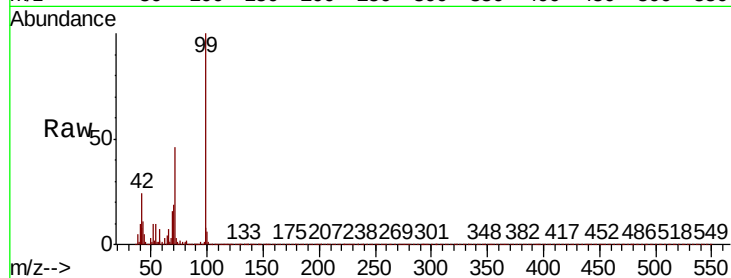
Tot Ion: 99 Resp: 418448

Ion Ratio Lower Upper

99 100

42 23.9 20.9 31.3

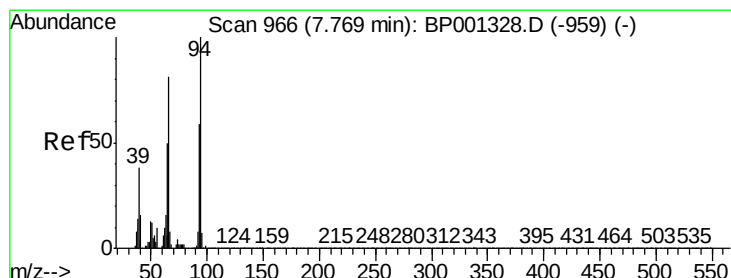
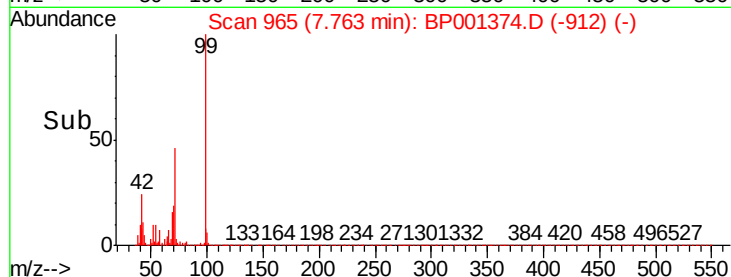
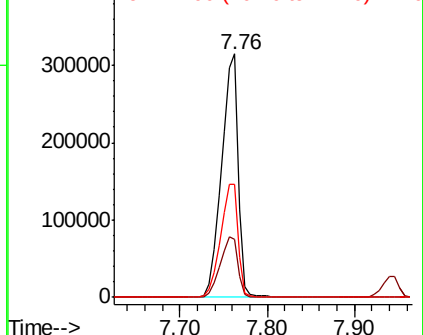
71 46.4 40.0 60.0



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



#10

Phenol

Concen: 2.912 ng

RT: 7.78 min Scan# 967

Delta R.T. 0.01 min

Lab File: BP001374.D

Acq: 23 Dec 2019 18:38

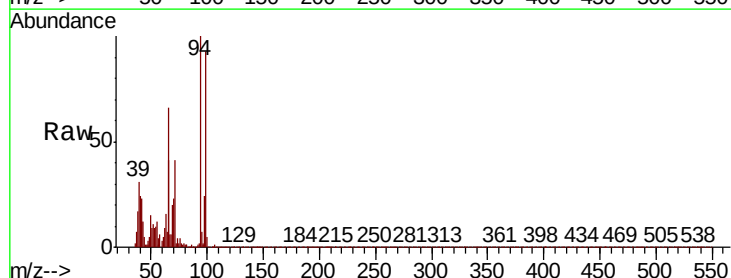
Tgt Ion: 94 Resp: 14088

Ion Ratio Lower Upper

94 100

65 40.7 30.4 70.4

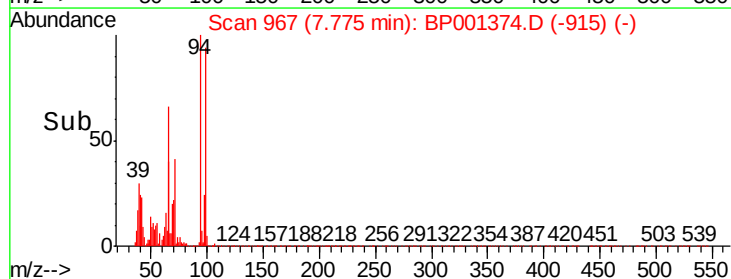
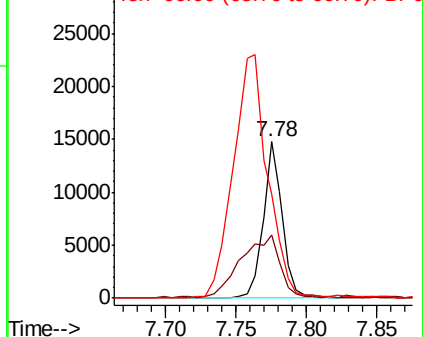
66 66.2 62.0 102.0

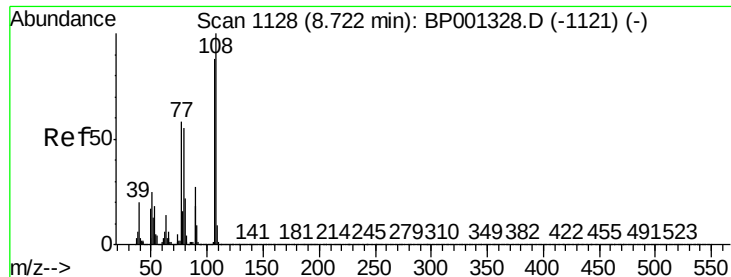


Abundance Ion 94.00 (93.70 to 94.70): BP0

Ion 65.00 (64.70 to 65.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

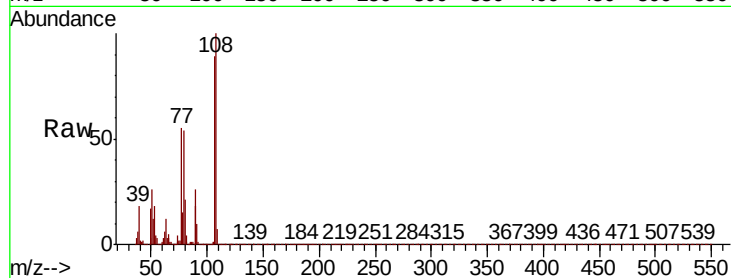




#17
2-Methylphenol
Concen: 31.558 ng
RT: 8.73 min Scan# 1129
Delta R.T. 0.01 min
Lab File: BP001374.D
Acq: 23 Dec 2019 18:38

Instrument :
BNA_P
ClientSampled :
C0B38

Tot Ion	Ratio	Lower	Upper
107	100		
108	112.4	90.7	136.1
77	61.3	52.7	79.1
79	60.6	50.4	75.6



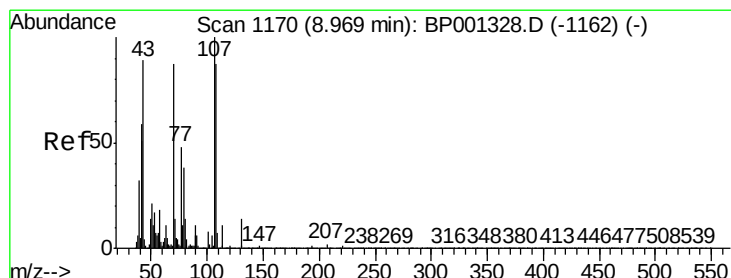
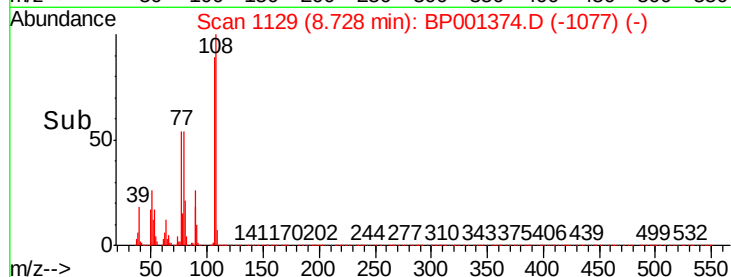
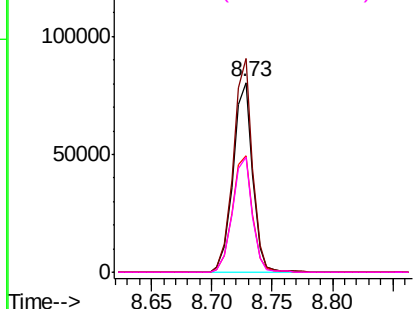
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

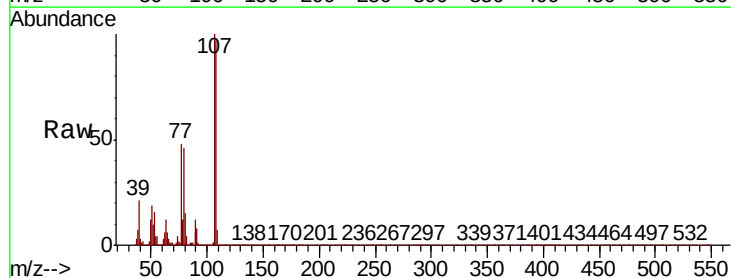
Ion 77.00 (76.70 to 77.70): BP0

Ion 79.00 (78.70 to 79.70): BP0



#20
3+4-Methylphenols
Concen: 121.052 ng
RT: 8.99 min Scan# 1174
Delta R.T. 0.02 min
Lab File: BP001374.D
Acq: 23 Dec 2019 18:38

Tgt Ion	Ratio	Lower	Upper
107	100		
108	96.8	67.2	107.2
77	47.5	28.0	68.0
79	45.5	18.6	58.6



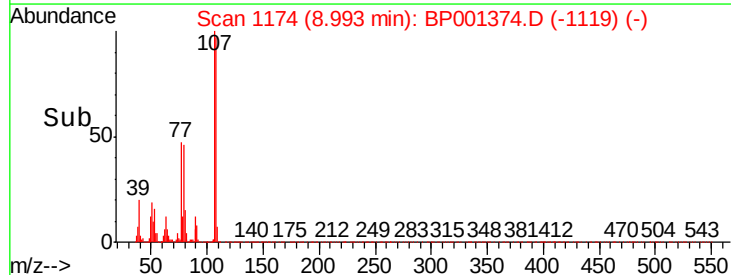
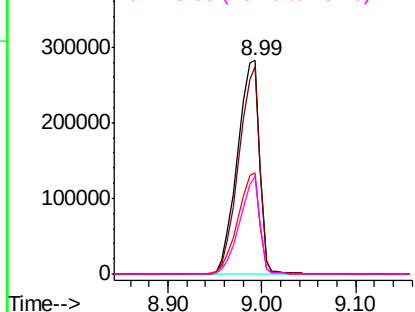
Abundance

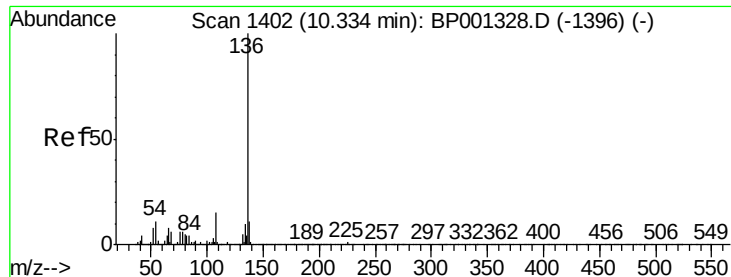
Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BP0

Ion 79.00 (78.70 to 79.70): BP0

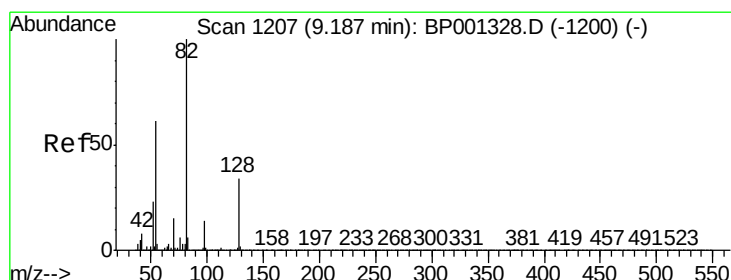
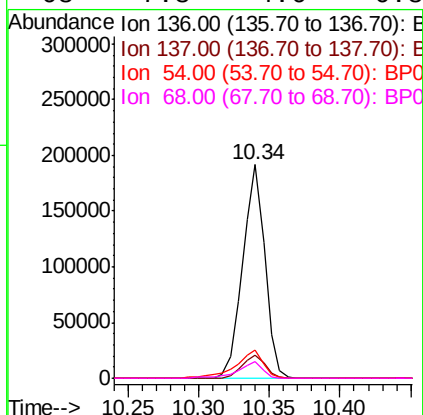
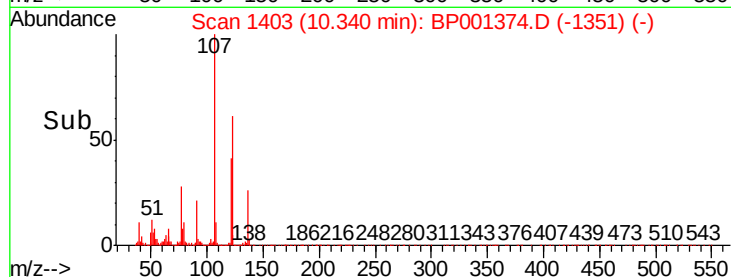
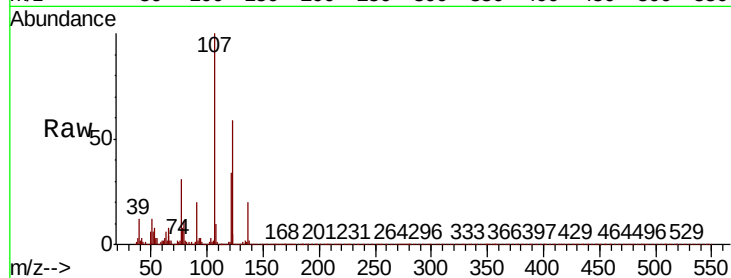




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.34 min Scan# 1403
Delta R.T. 0.01 min
Lab File: BP001374.D
Acq: 23 Dec 2019 18:38

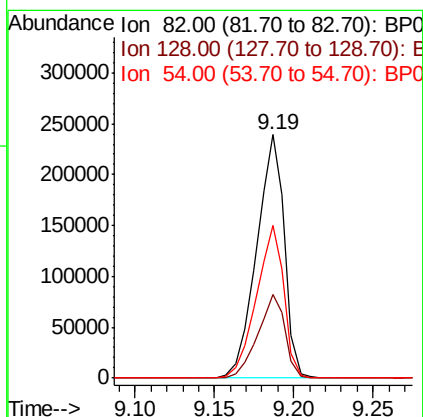
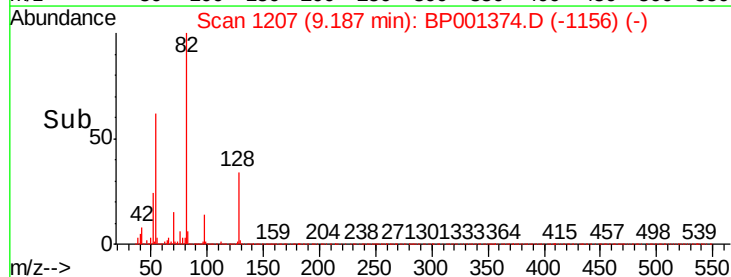
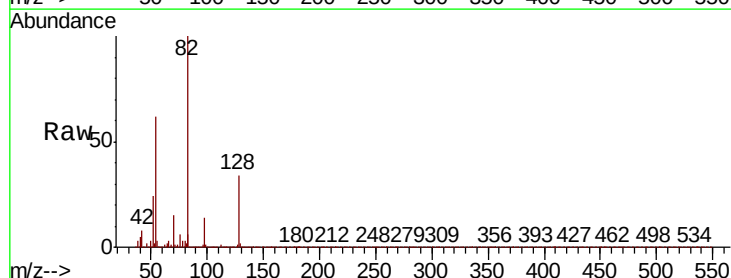
Instrument :
BNA_P
ClientSampleId :
C0B38

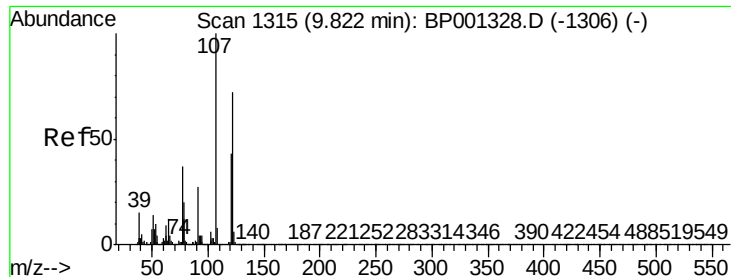
Tot Ion:136	Resp:	210473
Ion Ratio	Lower	Upper
136	100	
137	10.7	8.8 13.2
54	13.3	8.8 13.2#
68	7.8	4.6 6.8#



#23
Nitrobenzene-d5
Concen: 53.102 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.00 min
Lab File: BP001374.D
Acq: 23 Dec 2019 18:38

Tgt Ion: 82	Resp:	291047
Ion Ratio	Lower	Upper
82	100	
128	34.2	27.0 40.4
54	62.5	49.0 73.4





#27

2,4-Dimethylphenol

Concen: 53.248 ng

RT: 9.83 min Scan# 1316

Delta R.T. 0.01 min

Lab File: BP001374.D

Acq: 23 Dec 2019 18:38

Instrument :

BNA_P

ClientSampleId :

C0B38

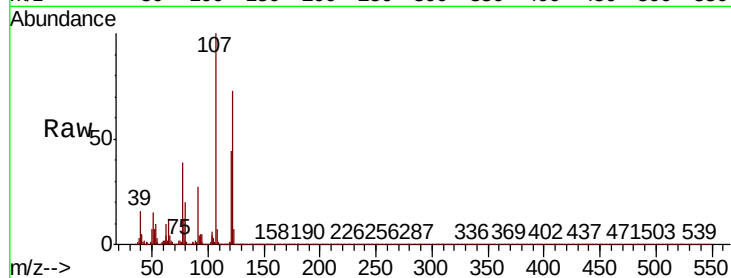
Tot Ion:122 Resp: 150647

Ion Ratio Lower Upper

122 100

107 136.5 111.9 167.9

121 60.3 47.9 71.9

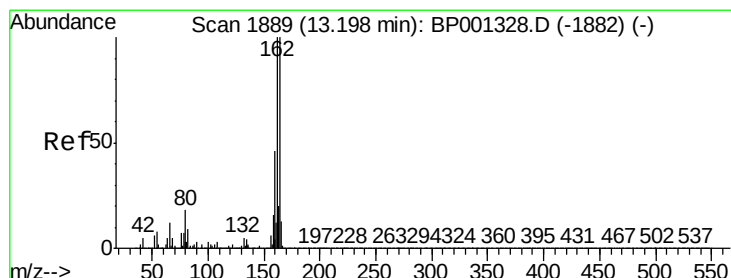
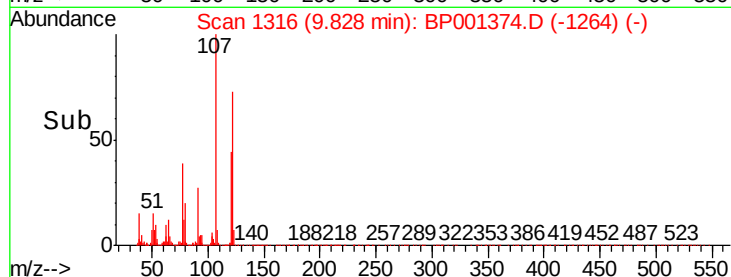
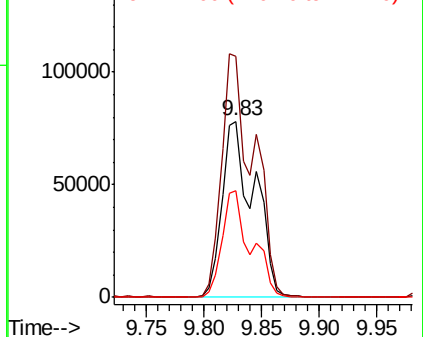


Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 13.20 min Scan# 1890

Delta R.T. 0.01 min

Lab File: BP001374.D

Acq: 23 Dec 2019 18:38

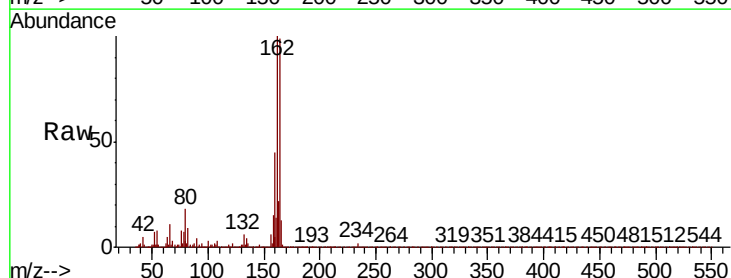
Tgt Ion:164 Resp: 112434

Ion Ratio Lower Upper

164 100

162 100.6 80.3 120.5

160 44.9 36.6 54.8

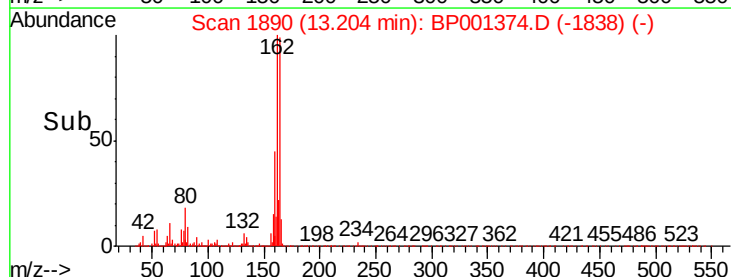
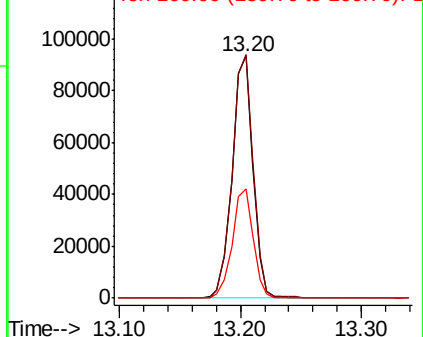


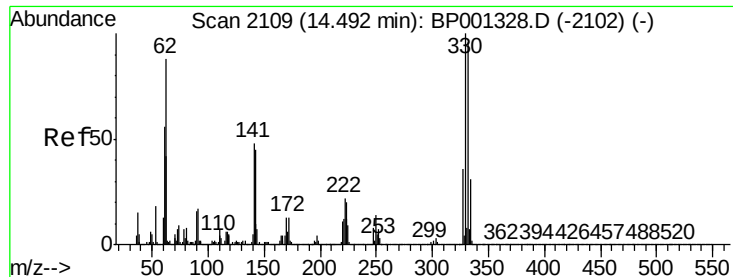
Abundance

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: 94.654 ng

RT: 14.50 min Scan# 2110

Delta R.T. 0.01 min

Lab File: BP001374.D

Acq: 23 Dec 2019 18:38

Instrument :

BNA_P

ClientSampleId :

C0B38

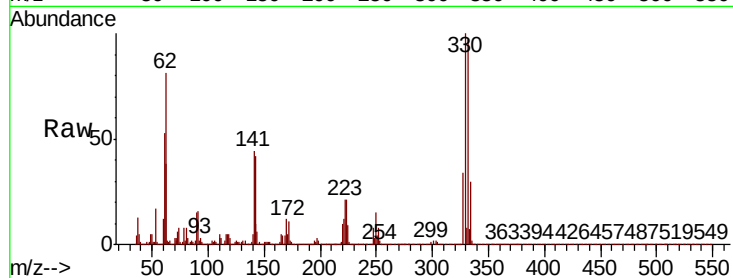
Tot Ion:330 Resp: 133053

Ion Ratio Lower Upper

330 100

332 95.9 78.7 118.1

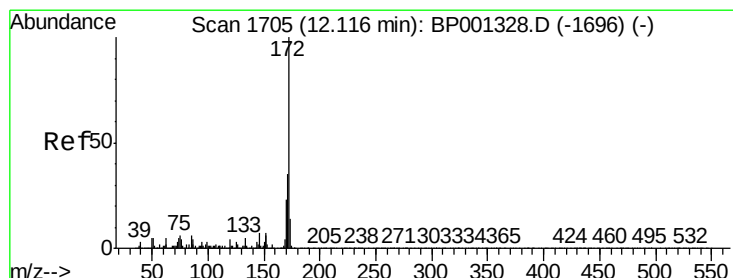
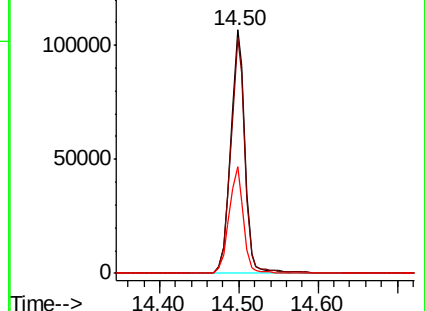
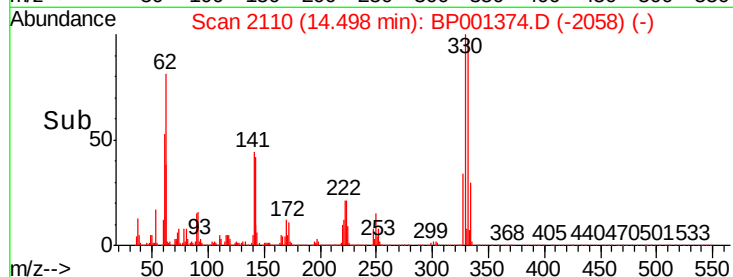
141 44.1 36.2 54.4



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: 58.267 ng

RT: 12.12 min Scan# 1706

Delta R.T. 0.01 min

Lab File: BP001374.D

Acq: 23 Dec 2019 18:38

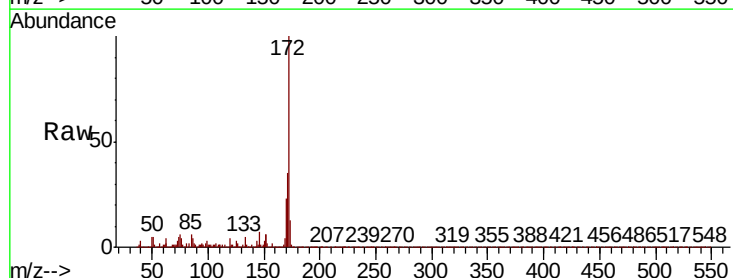
Tgt Ion:172 Resp: 518093

Ion Ratio Lower Upper

172 100

171 35.0 27.7 41.5

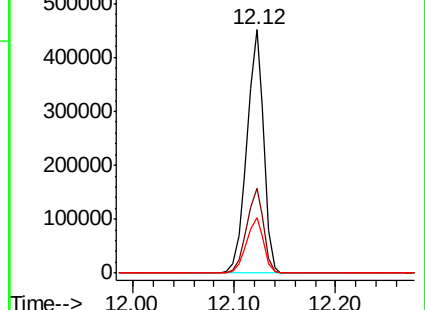
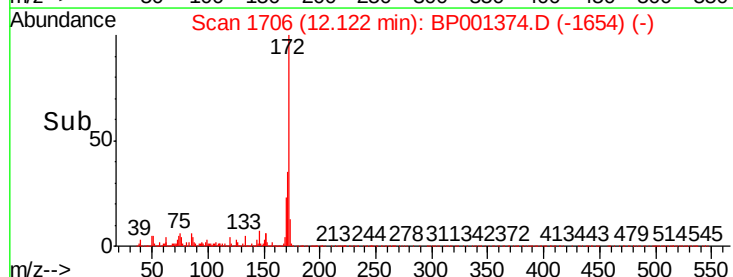
170 23.0 18.6 28.0

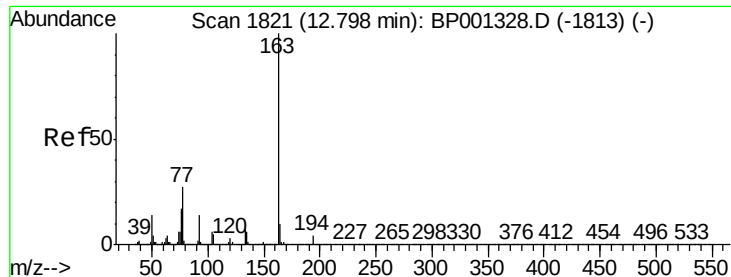


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

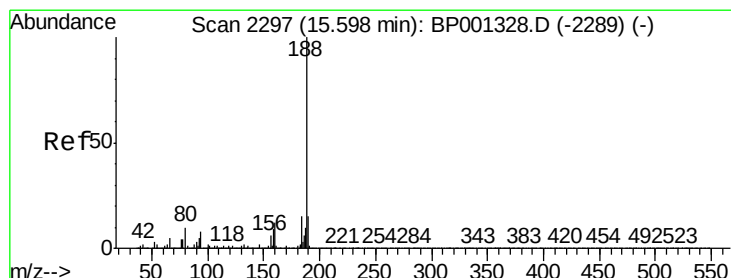
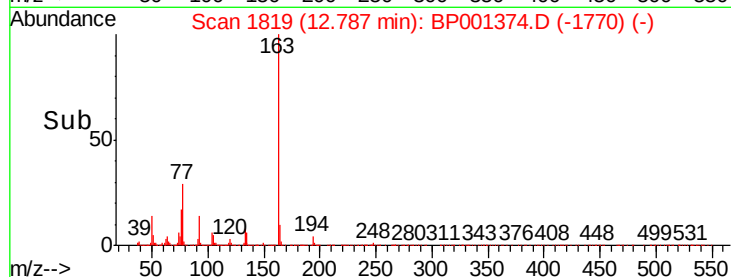
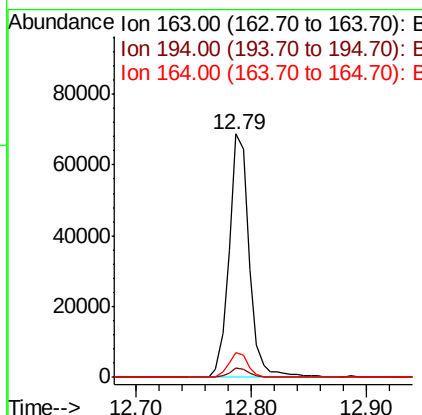
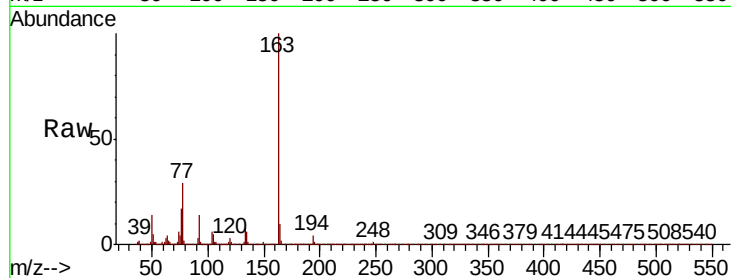




#50
Dimethylphthalate
Concen: 8.998 ng
RT: 12.79 min Scan# 1819
Delta R.T. -0.01 min
Lab File: BP001374.D
Acq: 23 Dec 2019 18:38

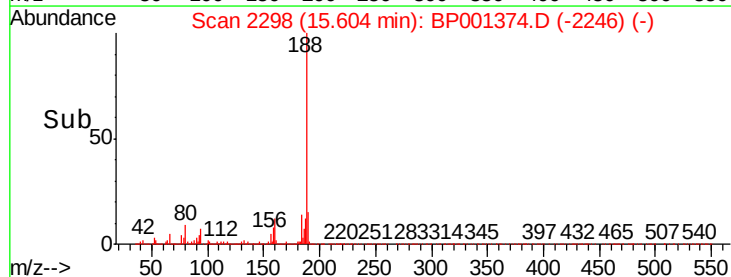
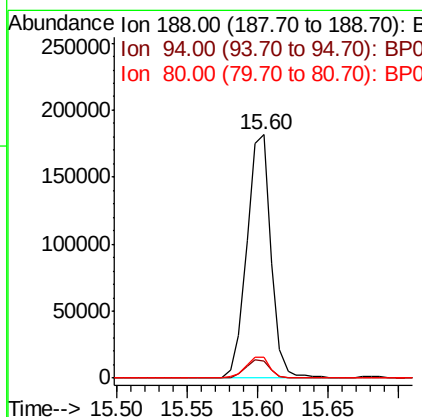
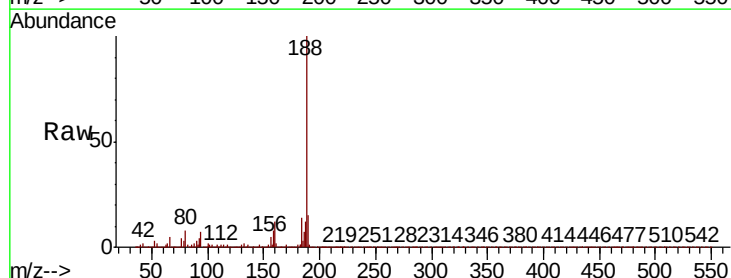
Instrument :
BNA_P
ClientSampleId :
C0B38

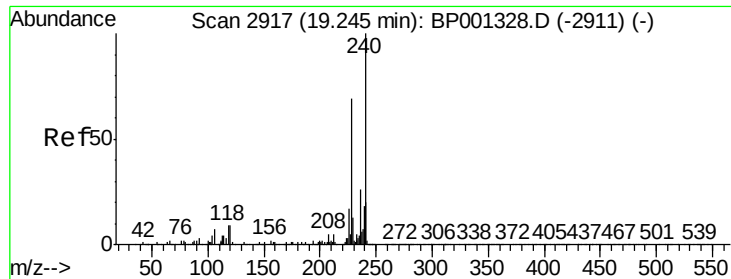
Tot Ion:163 Resp: 82994
Ion Ratio Lower Upper
163 100
194 3.7 3.4 5.0
164 10.1 7.9 11.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 15.60 min Scan# 2298
Delta R.T. 0.01 min
Lab File: BP001374.D
Acq: 23 Dec 2019 18:38

Tgt Ion:188 Resp: 217410
Ion Ratio Lower Upper
188 100
94 7.1 6.6 10.0
80 8.5 7.8 11.6

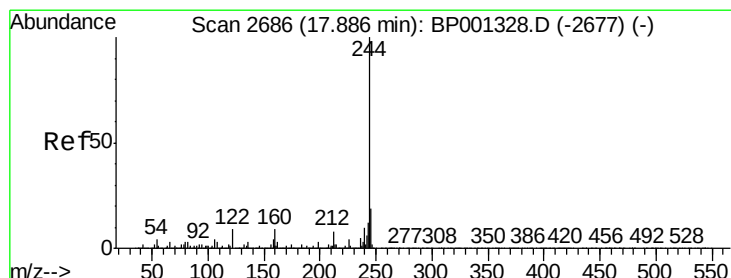
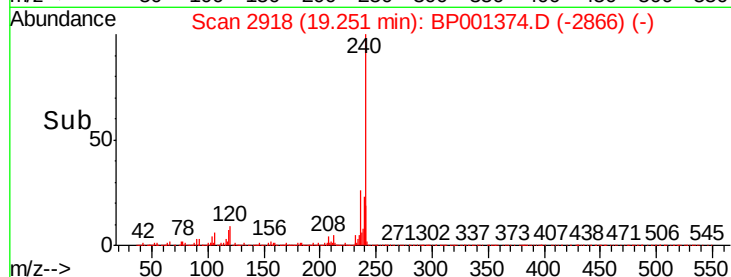
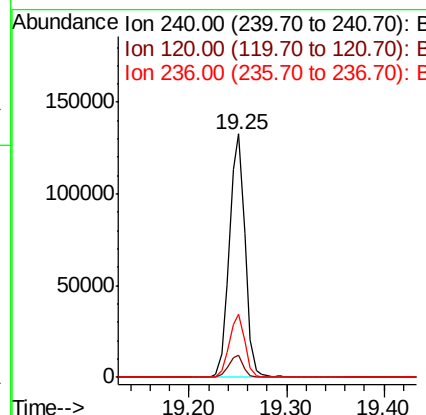
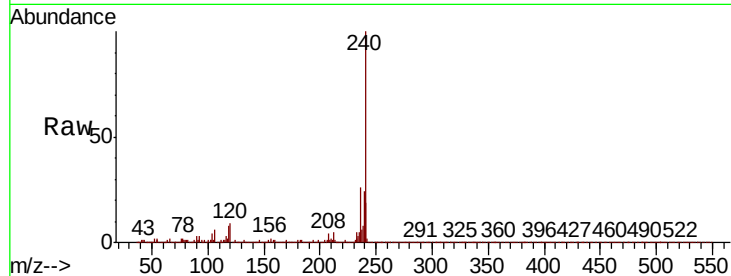




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 19.25 min Scan# 2918
 Delta R.T. 0.01 min
 Lab File: BP001374.D
 Acq: 23 Dec 2019 18:38

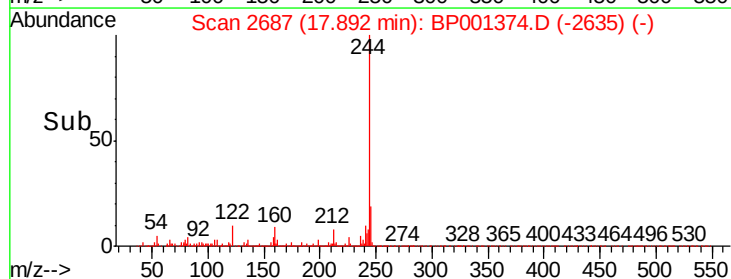
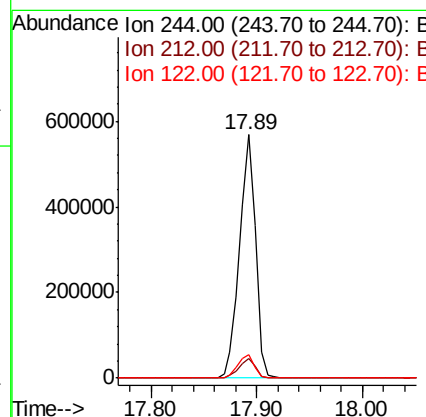
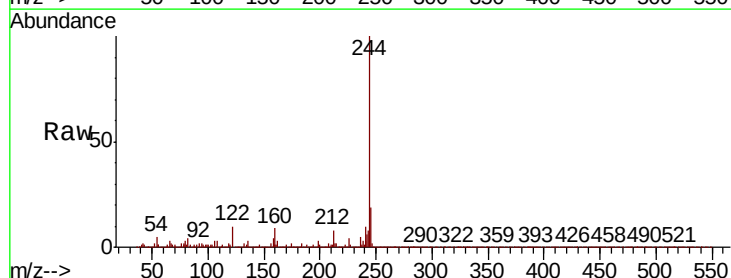
Instrument :
 BNA_P
 ClientSampleId :
 C0B38

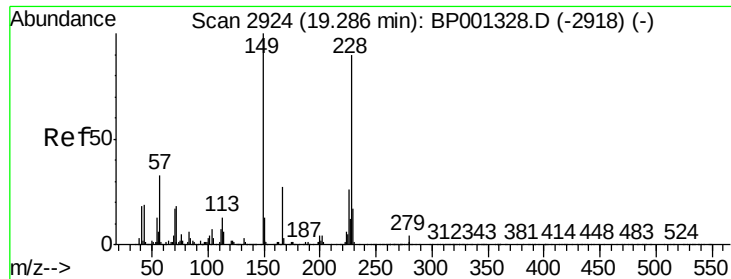
Tot Ion	Ratio	Lower	Upper
240	100		
120	9.1	7.6	11.4
236	26.0	21.0	31.4



#79
 Terphenyl-d14
 Concen: 67.994 ng
 RT: 17.89 min Scan# 2687
 Delta R.T. 0.01 min
 Lab File: BP001374.D
 Acq: 23 Dec 2019 18:38

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.6	9.8
122	9.6	7.6	11.4





#84

Bis(2-ethylhexyl)phthalate

Concen: 4.406 ng

RT: 19.29 min Scan# 2925

Delta R.T. 0.01 min

Lab File: BP001374.D

Acq: 23 Dec 2019 18:38

Instrument :

BNA_P

ClientSampleId :

C0B38

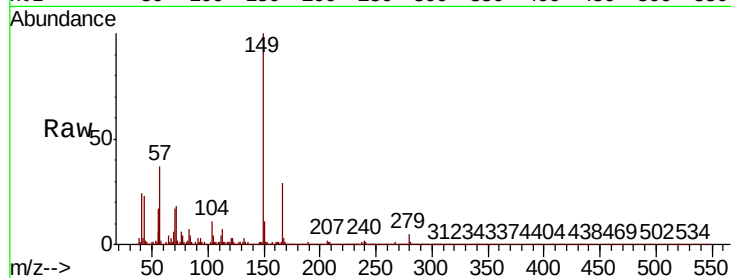
Tot Ion:149 Resp: 34710

Ion Ratio Lower Upper

149 100

167 29.4 21.8 32.6

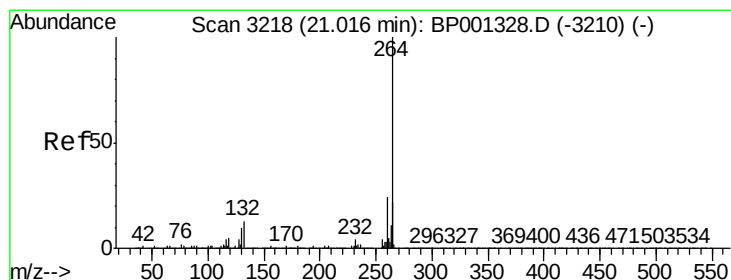
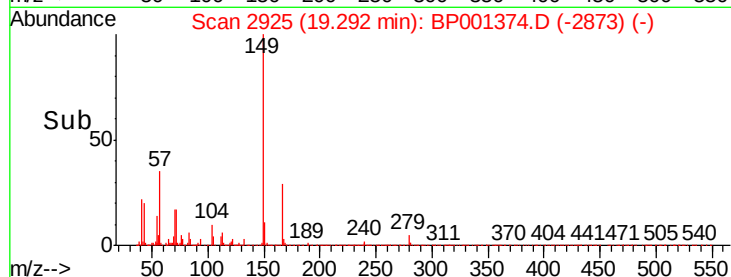
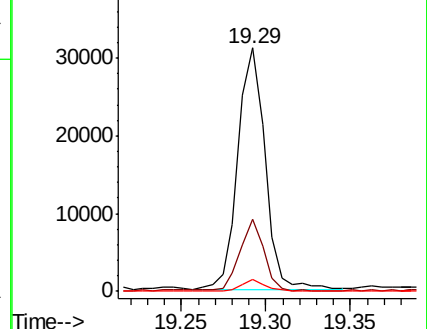
279 4.8 3.0 4.4#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 21.03 min Scan# 3220

Delta R.T. 0.01 min

Lab File: BP001374.D

Acq: 23 Dec 2019 18:38

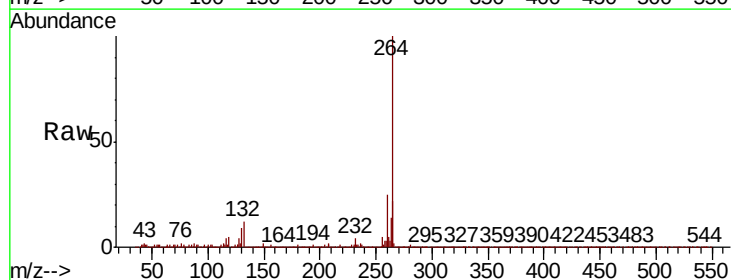
Tgt Ion:264 Resp: 150708

Ion Ratio Lower Upper

264 100

260 25.3 19.2 28.8

265 21.7 17.4 26.2



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

