

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122419\
 Data File : BP001397.D
 Acq On : 24 Dec 2019 20:34
 Operator : JU
 Sample : K6396-10
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB-5-(0-2)

Quant Time: Dec 25 04:32:48 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

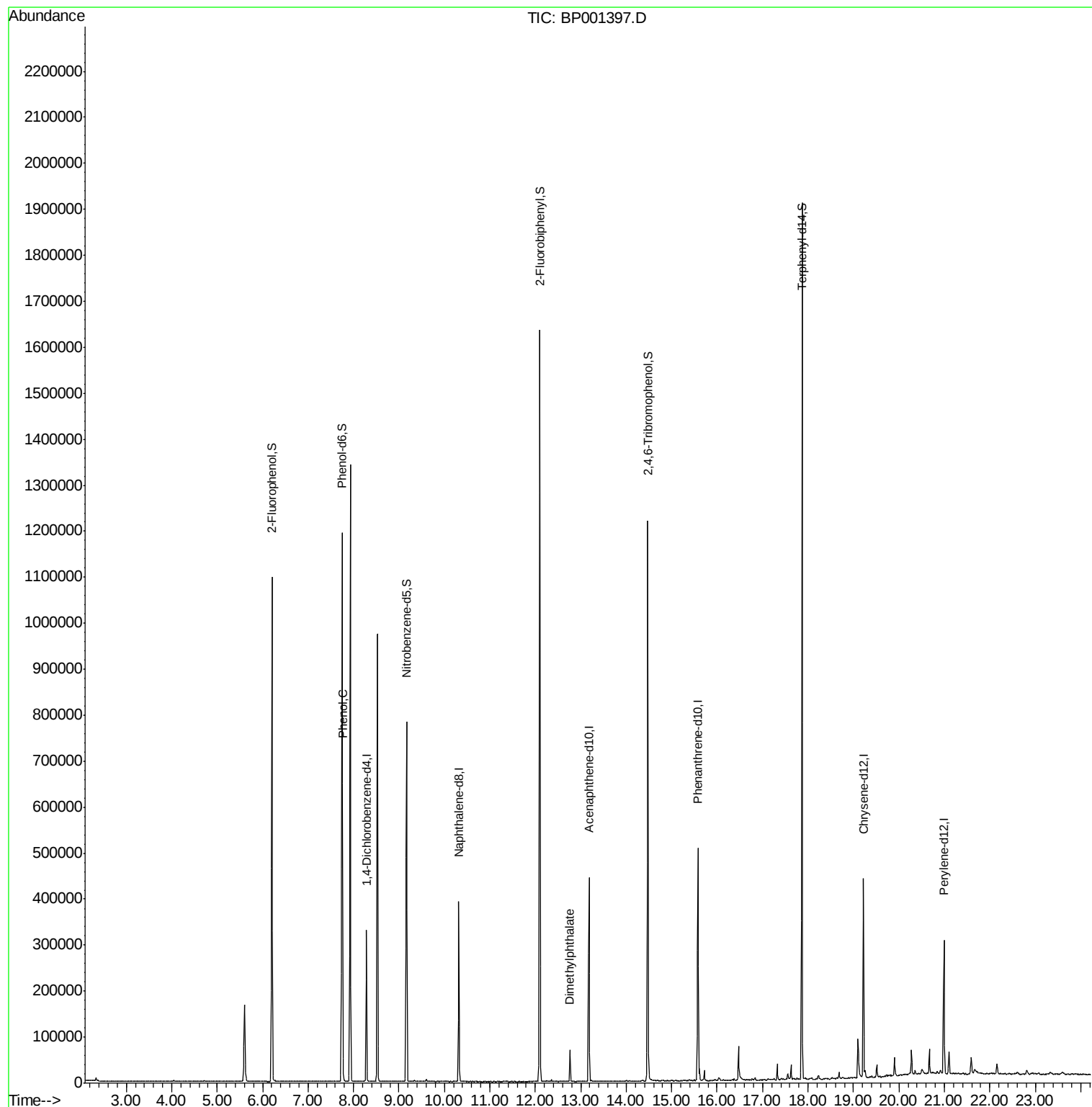
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	51279	20.00	ng	0.00
21) Naphthalene-d8	10.32	136	193530	20.00	ng	0.00
39) Acenaphthene-d10	13.17	164	121363	20.00	ng	0.00
64) Phenanthrene-d10	15.58	188	232269	20.00	ng	0.00
76) Chrysene-d12	19.22	240	154917	20.00	ng	0.00
87) Perylene-d12	20.99	264	148311	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.20	112	327634	103.26	ng	0.00
7) Phenol-d6	7.75	99	456765	110.33	ng	0.00
23) Nitrobenzene-d5	9.17	82	315765	62.66	ng	0.00
42) 2,4,6-Tribromophenol	14.47	330	156635	103.23	ng	0.00
45) 2-Fluorobiphenyl	12.10	172	608265	63.38	ng	0.00
79) Terphenyl-d14	17.87	244	687962	76.06	ng	0.00
Target Compounds						
10) Phenol	7.76	94	15812	3.343	ng	84
50) Dimethylphthalate	12.76	163	30846	3.098	ng	99

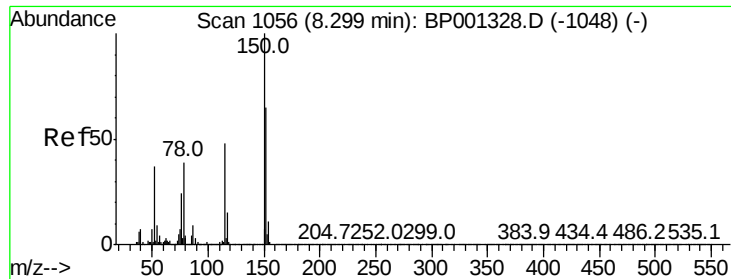
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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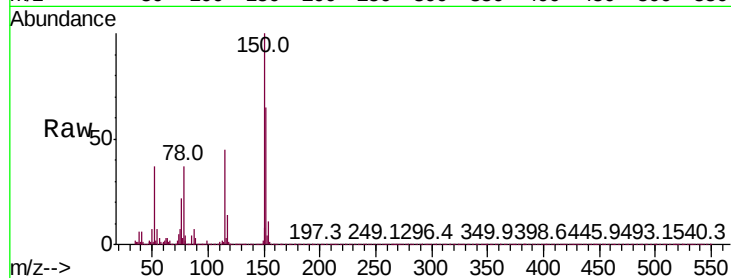




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.28 min Scan# 1053
 Delta R.T. -0.01 min
 Lab File: BP001397.D
 Acq: 24 Dec 2019 20:34

Instrument :
 BNA_P
 ClientSampleId :
 SB-5-(0-2)

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.6	127.0	190.6
115	69.0	56.1	84.1

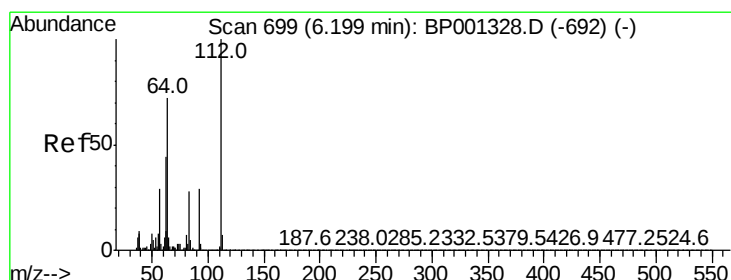
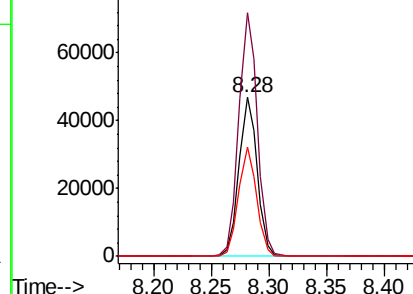
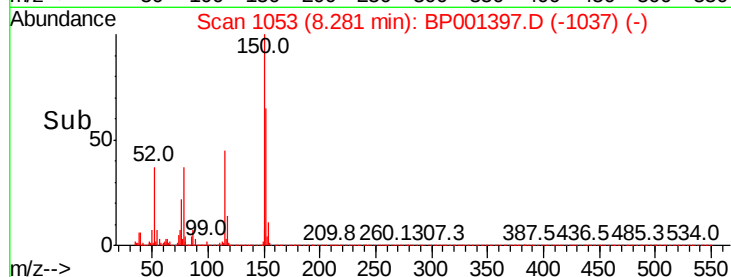


Abundance

Ion 152.00 (151.70 to 152.70): E

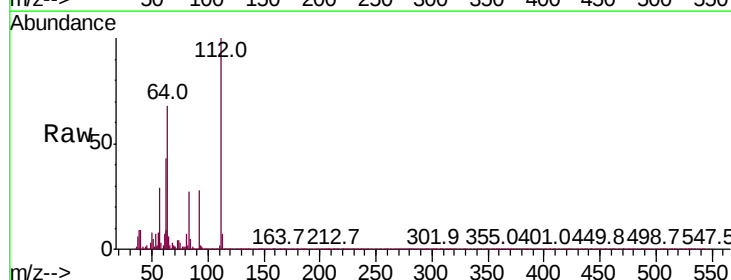
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5
 2-Fluorophenol
 Concen: 103.262 ng
 RT: 6.20 min Scan# 700
 Delta R.T. 0.01 min
 Lab File: BP001397.D
 Acq: 24 Dec 2019 20:34

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.7	53.9	80.9
63	43.4	33.4	50.0

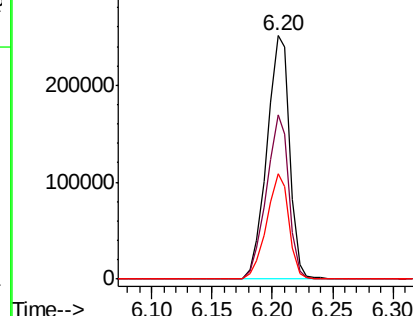
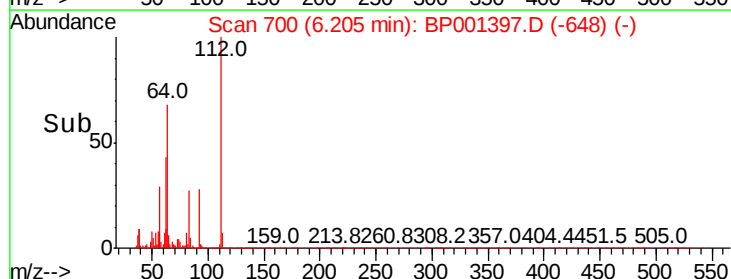


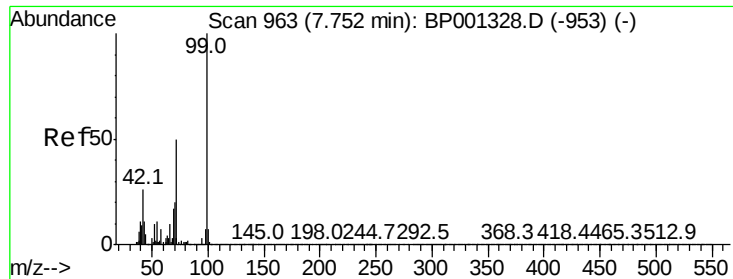
Abundance

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: 110.326 ng

RT: 7.75 min Scan# 963

Delta R.T. 0.00 min

Lab File: BP001397.D

Acq: 24 Dec 2019 20:34

Instrument :

BNA_P

ClientSampleId :

SB-5-(0-2)

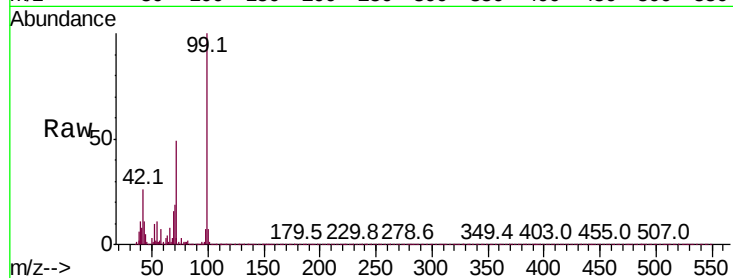
Tot Ion: 99 Resp: 456765

Ion Ratio Lower Upper

99 100

42 26.2 20.8 31.2

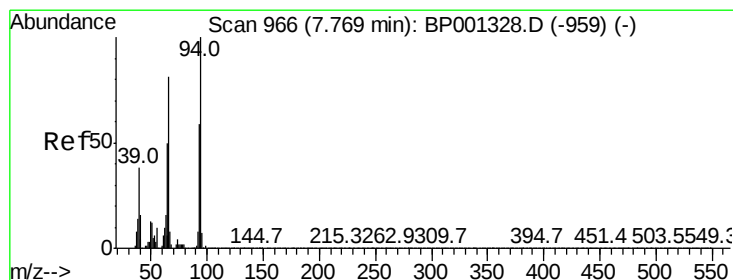
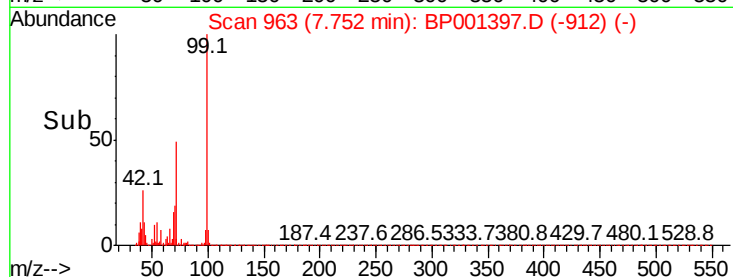
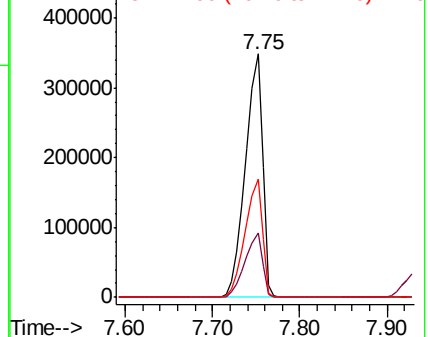
71 48.5 38.2 57.4



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: 3.343 ng

RT: 7.76 min Scan# 965

Delta R.T. -0.01 min

Lab File: BP001397.D

Acq: 24 Dec 2019 20:34

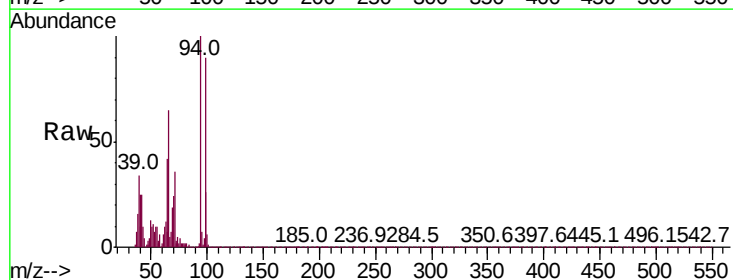
Tgt Ion: 94 Resp: 15812

Ion Ratio Lower Upper

94 100

65 41.7 29.6 69.6

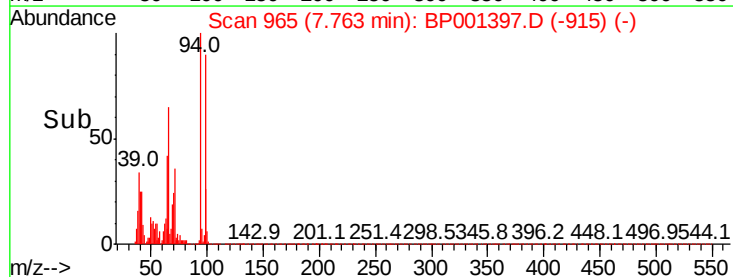
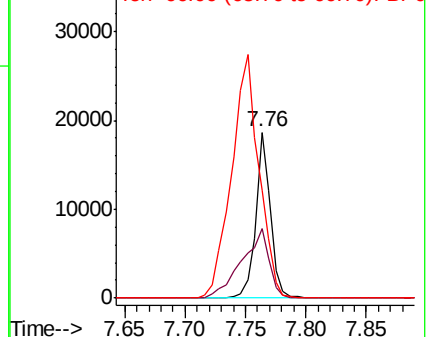
66 65.4 62.3 102.3

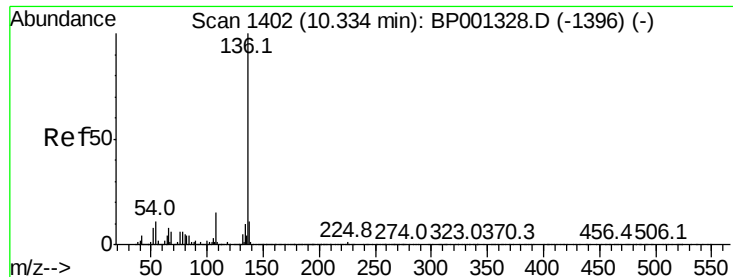


Abundance Ion 94.00 (93.70 to 94.70): BP0

Ion 65.00 (64.70 to 65.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

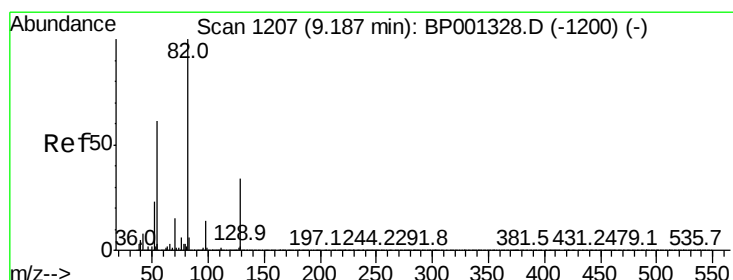
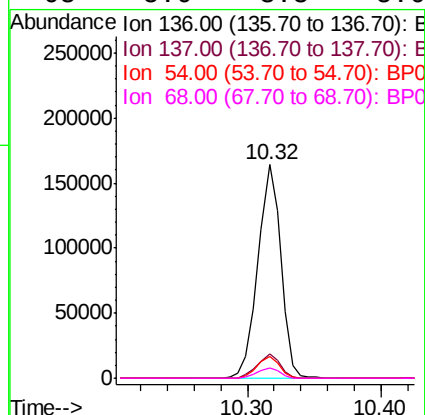
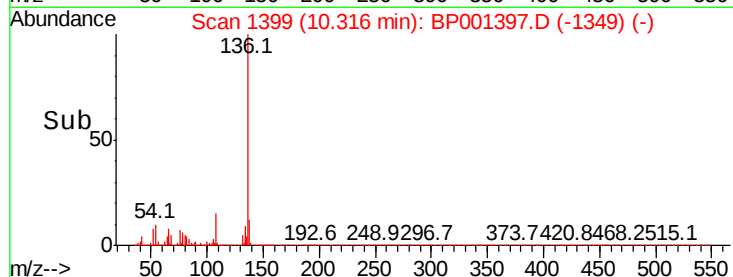
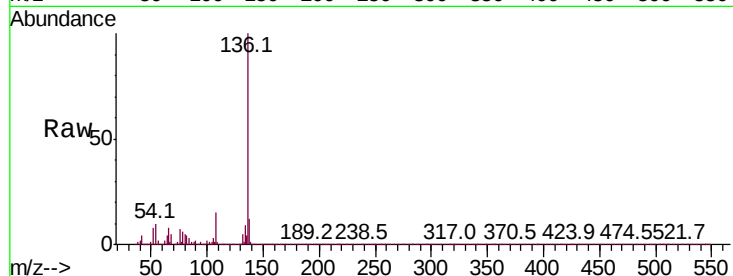




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.32 min Scan# 1399
Delta R.T. -0.01 min
Lab File: BP001397.D
Acq: 24 Dec 2019 20:34

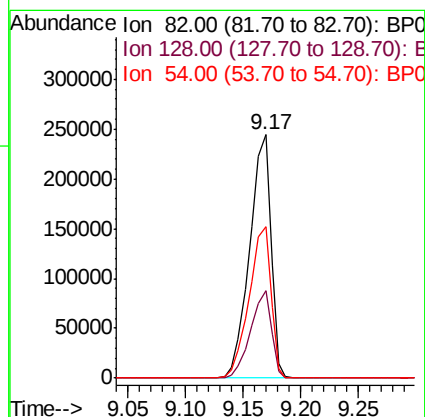
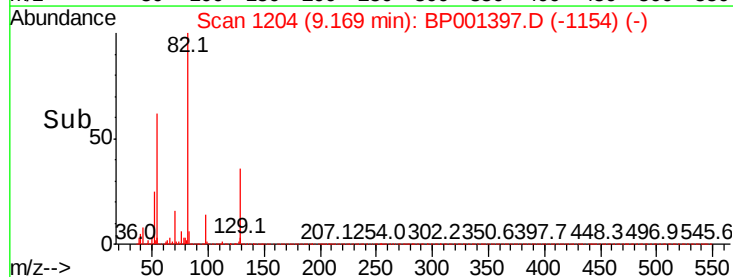
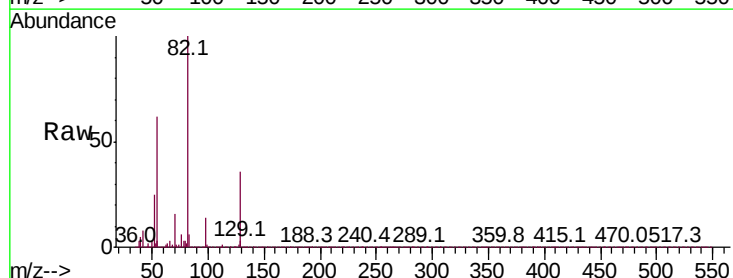
Instrument :
BNA_P
ClientSampleId :
SB-5-(0-2)

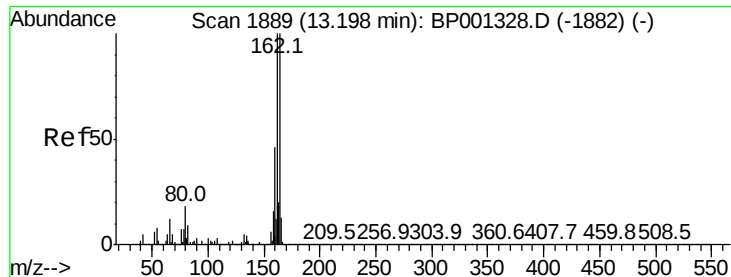
Tot Ion:136	Resp:	193530
Ion Ratio	Lower	Upper
136	100	
137	11.6	9.0 13.4
54	10.3	7.3 10.9
68	5.0	3.8 5.6



#23
Nitrobenzene-d5
Concen: 62.656 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BP001397.D
Acq: 24 Dec 2019 20:34

Tgt Ion: 82	Resp:	315765
Ion Ratio	Lower	Upper
82	100	
128	35.7	27.4 41.0
54	62.3	47.5 71.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 13.17 min Scan# 1885

Delta R.T. -0.01 min

Lab File: BP001397.D

Acq: 24 Dec 2019 20:34

Instrument :

BNA_P

ClientSampleId :

SB-5-(0-2)

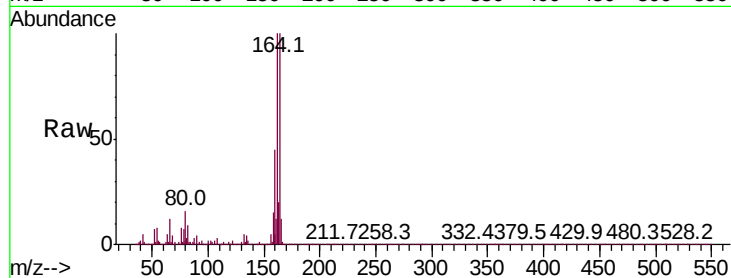
Tot Ion:164 Resp: 121363

Ion Ratio Lower Upper

164 100

162 100.5 78.2 117.4

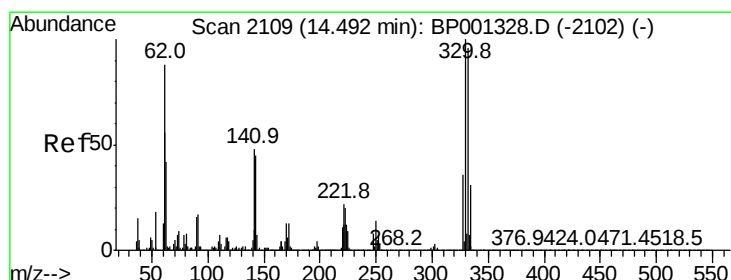
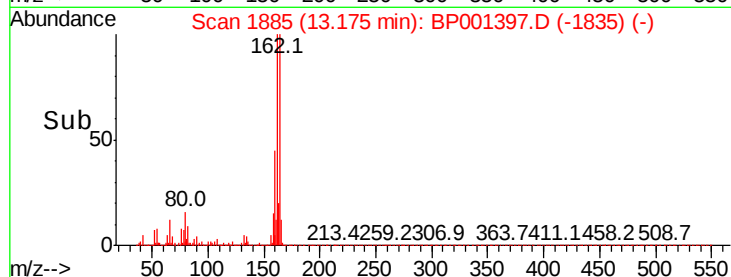
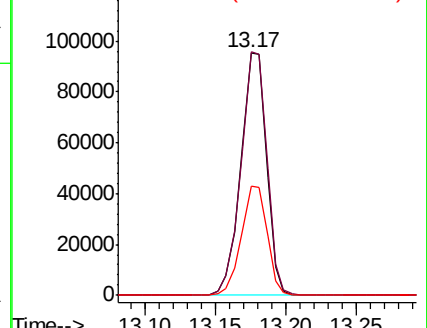
160 44.9 35.1 52.7



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: 103.232 ng

RT: 14.47 min Scan# 2106

Delta R.T. -0.01 min

Lab File: BP001397.D

Acq: 24 Dec 2019 20:34

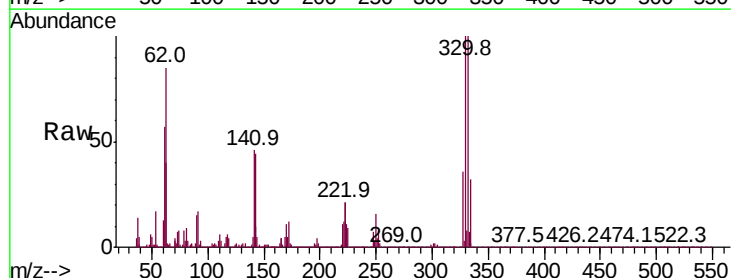
Tgt Ion:330 Resp: 156635

Ion Ratio Lower Upper

330 100

332 96.7 78.3 117.5

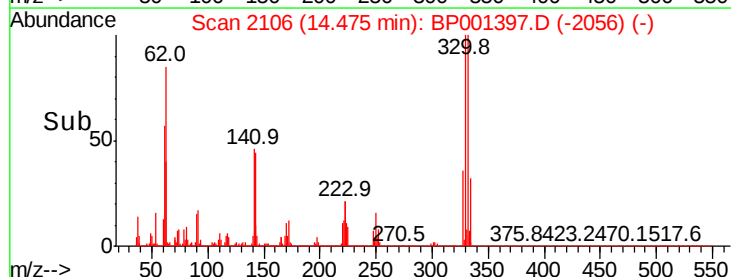
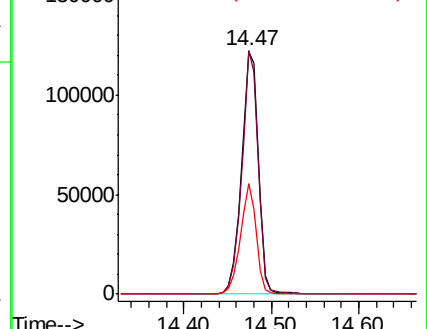
141 43.0 26.8 40.2#

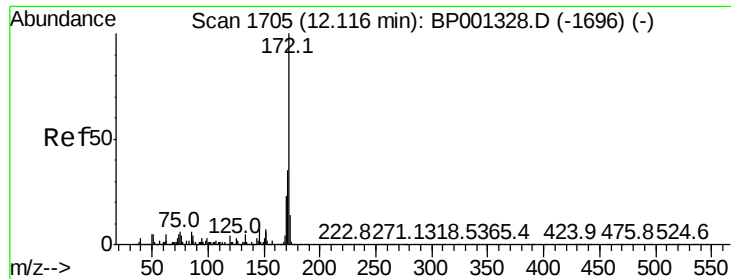


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

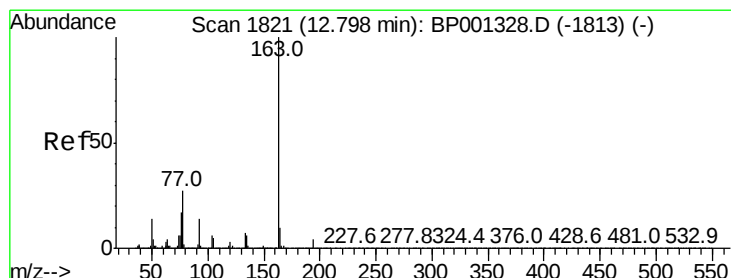
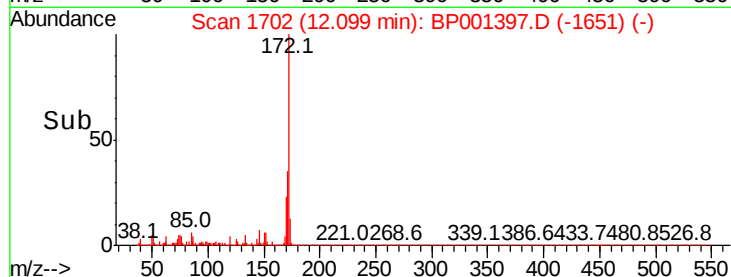
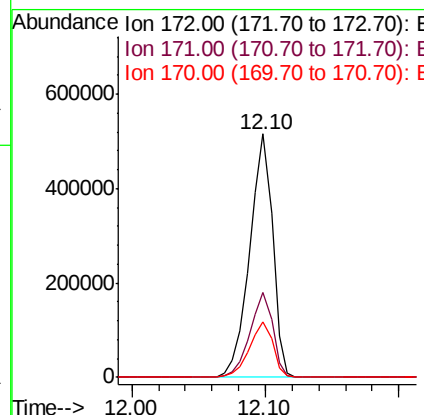
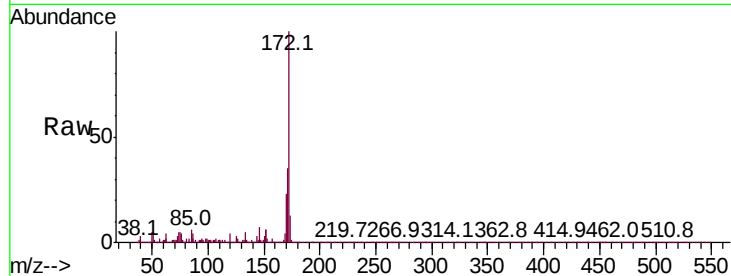




#45
2-Fluorobiphenyl
Concen: 63.375 ng
RT: 12.10 min Scan# 1702
Delta R.T. 0.00 min
Lab File: BP001397.D
Acq: 24 Dec 2019 20:34

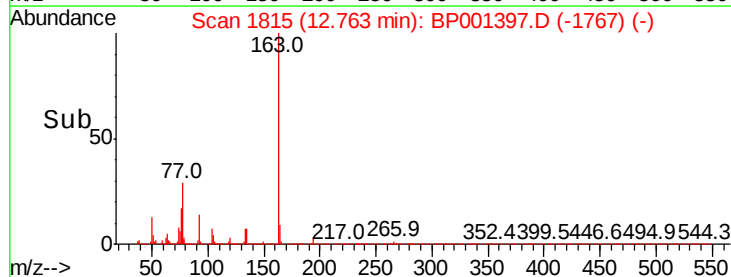
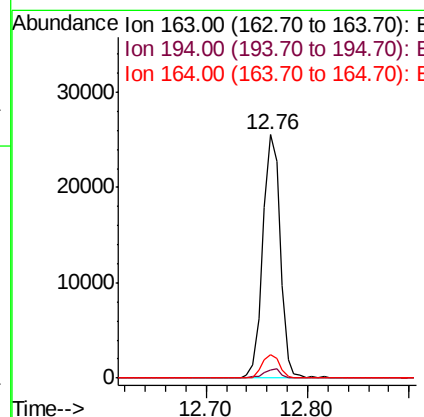
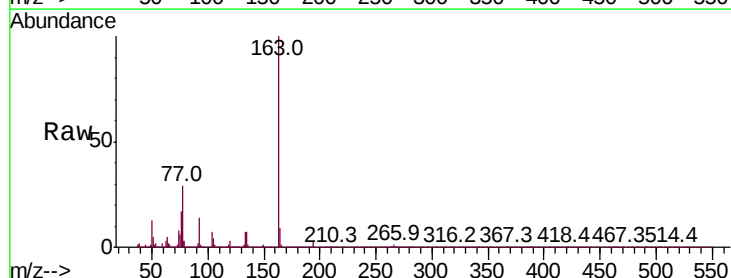
Instrument :
BNA_P
ClientSampleId :
SB-5-(0-2)

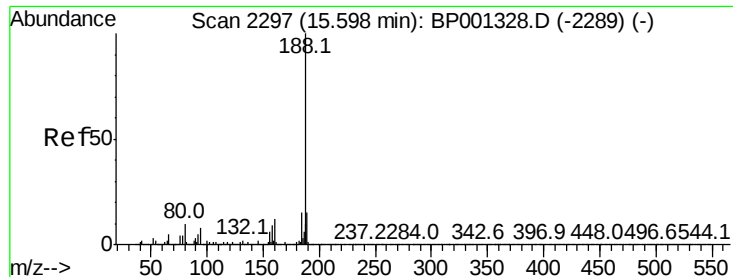
Tot Ion	Ratio	Lower	Upper
172	100		
171	34.7	27.4	41.0
170	22.8	18.2	27.4



#50
Dimethylphthalate
Concen: 3.098 ng
RT: 12.76 min Scan# 1815
Delta R.T. -0.02 min
Lab File: BP001397.D
Acq: 24 Dec 2019 20:34

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.4	3.2	4.8
164	9.5	7.7	11.5





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 15.58 min Scan# 2294

Delta R.T. 0.00 min

Lab File: BP001397.D

Acq: 24 Dec 2019 20:34

Instrument :

BNA_P

ClientSampleId :

SB-5-(0-2)

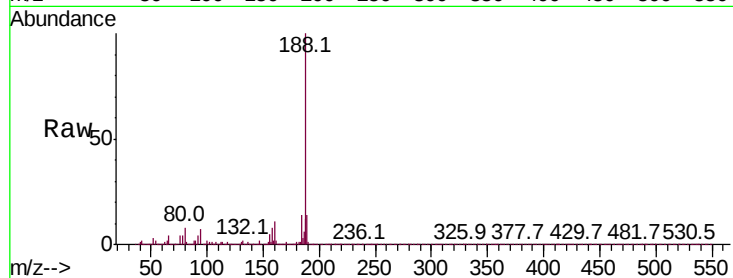
Tot Ion:188 Resp: 232269

Ion Ratio Lower Upper

188 100

94 7.3 5.8 8.8

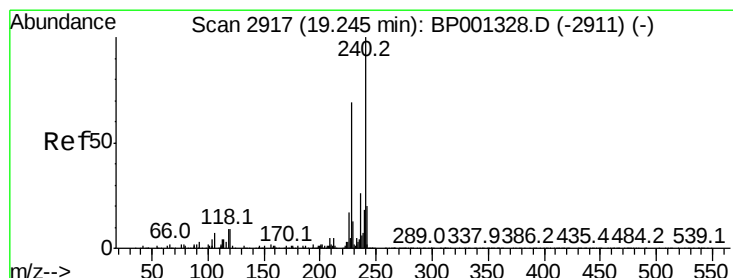
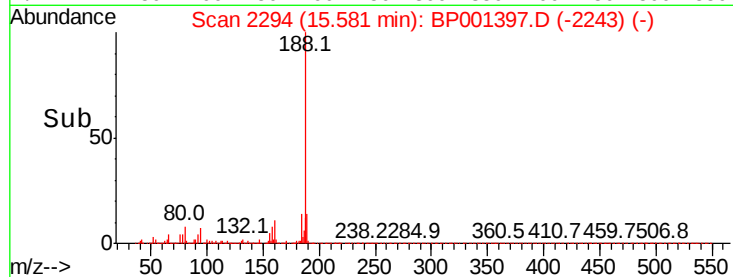
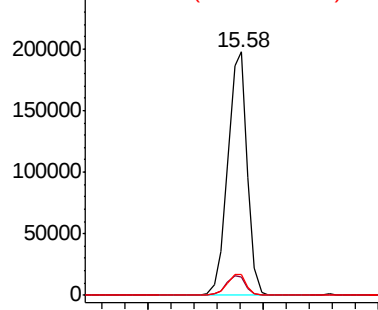
80 8.5 5.7 8.5



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 19.22 min Scan# 2913

Delta R.T. -0.01 min

Lab File: BP001397.D

Acq: 24 Dec 2019 20:34

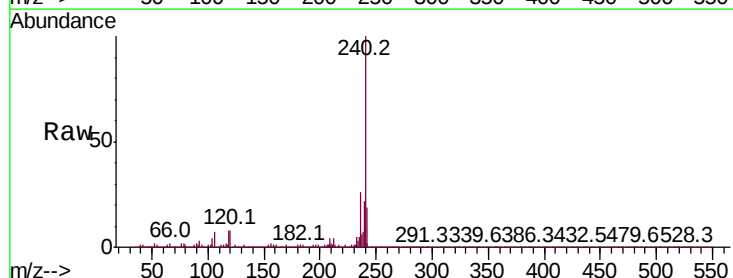
Tgt Ion:240 Resp: 154917

Ion Ratio Lower Upper

240 100

120 8.0 6.2 9.2

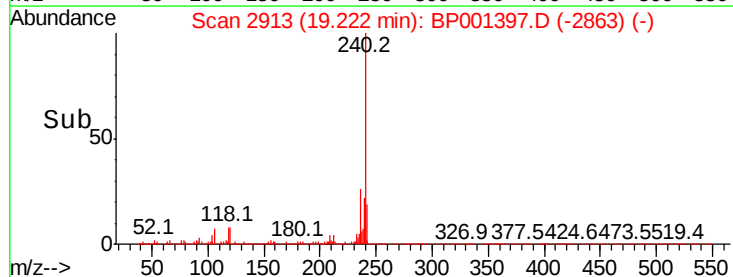
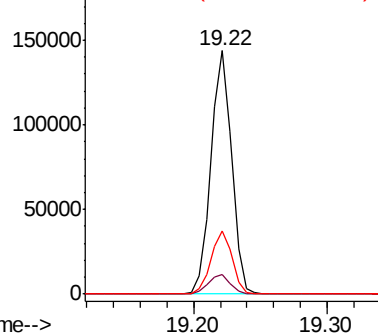
236 25.9 20.2 30.2

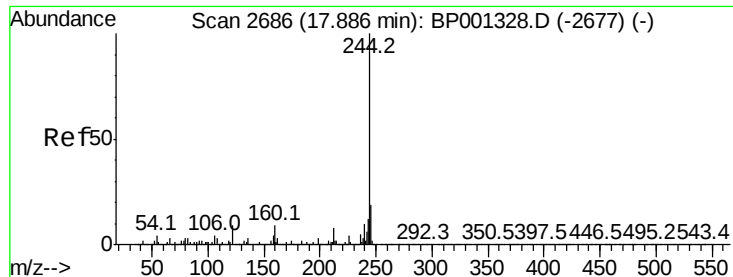


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 76.061 ng

RT: 17.87 min Scan# 2683

Delta R.T. 0.00 min

Lab File: BP001397.D

Acq: 24 Dec 2019 20:34

Instrument :

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ClientSampleId :

SB-5-(0-2)

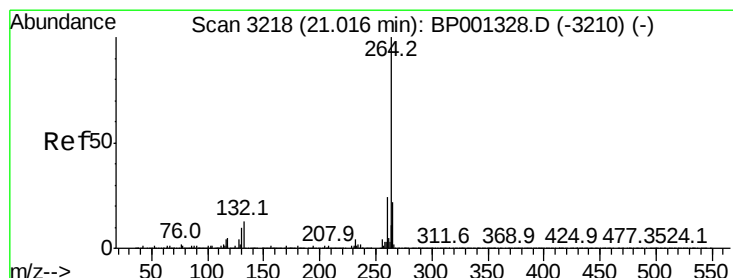
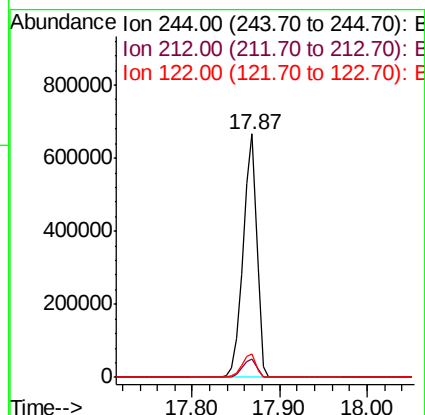
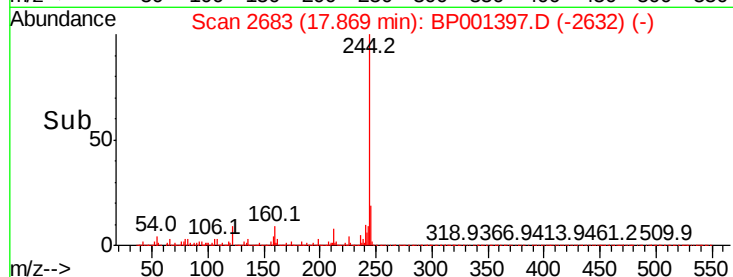
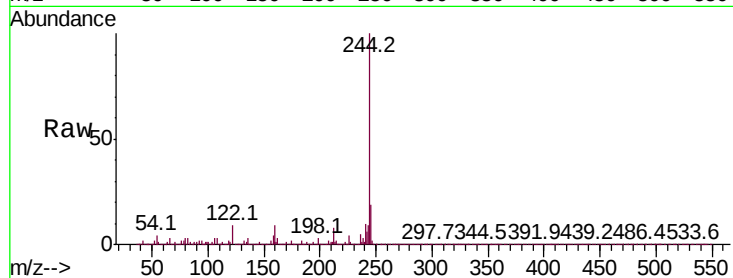
Tot Ion:244 Resp: 687962

Ion Ratio Lower Upper

244 100

212 7.7 5.8 8.8

122 9.4 6.4 9.6



#87

Perylene-d12

Concen: 20.000 ng

RT: 20.99 min Scan# 3214

Delta R.T. 0.00 min

Lab File: BP001397.D

Acq: 24 Dec 2019 20:34

Tgt Ion:264 Resp: 148311

Ion Ratio Lower Upper

264 100

260 22.9 19.0 28.4

265 21.8 17.0 25.4

