

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122319\
 Data File : BP001381.D
 Acq On : 23 Dec 2019 22:07
 Operator : JU
 Sample : K6372-20
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
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Quant Time: Dec 24 06:27:54 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	56573	20.00	ng	0.00
21) Naphthalene-d8	10.34	136	203956	20.00	ng	0.00
39) Acenaphthene-d10	13.20	164	118738	20.00	ng	0.00
64) Phenanthrene-d10	15.60	188	213782	20.00	ng	0.00
76) Chrysene-d12	19.26	240	144110	20.00	ng	0.01
87) Perylene-d12	21.03	264	149935	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.22	112	169225	48.34	ng	0.02
7) Phenol-d6	7.76	99	129695	28.39	ng	0.00
23) Nitrobenzene-d5	9.19	82	444572	83.70	ng	0.00
42) 2,4,6-Tribromophenol	14.50	330	185396	124.89	ng	0.01
45) 2-Fluorobiphenyl	12.13	172	839131	89.36	ng	0.01
79) Terphenyl-d14	17.90	244	876762	104.20	ng	0.01

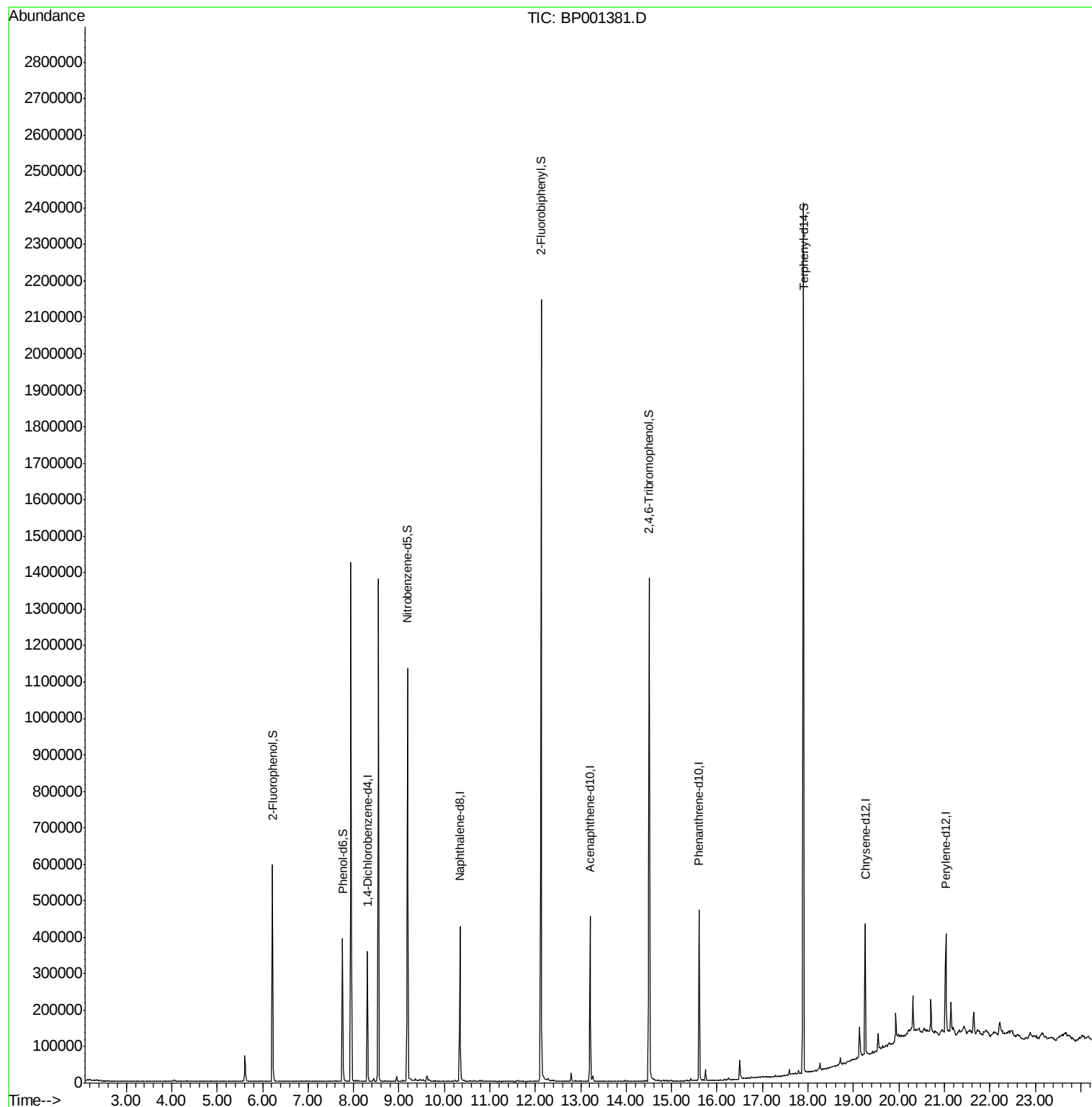
Target Compounds Qvalue

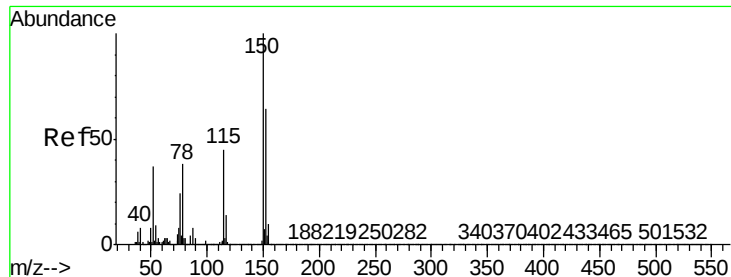
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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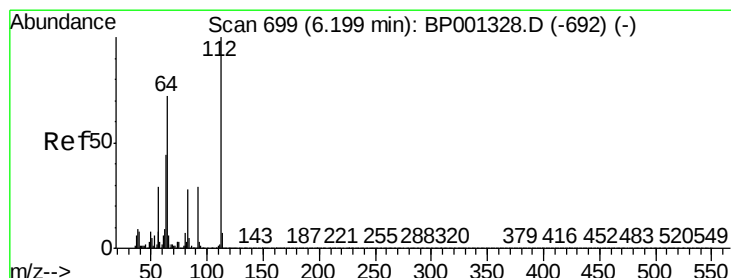
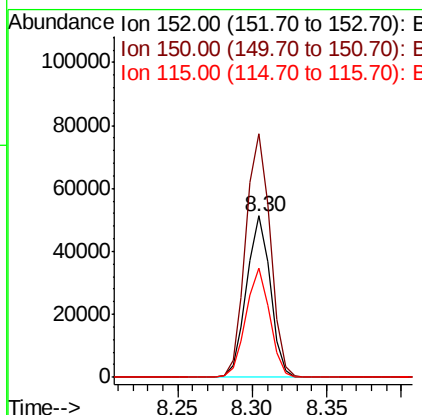
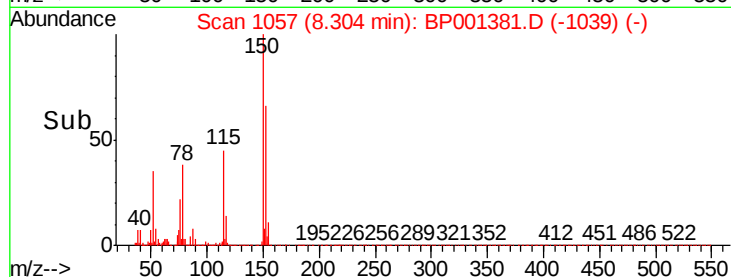
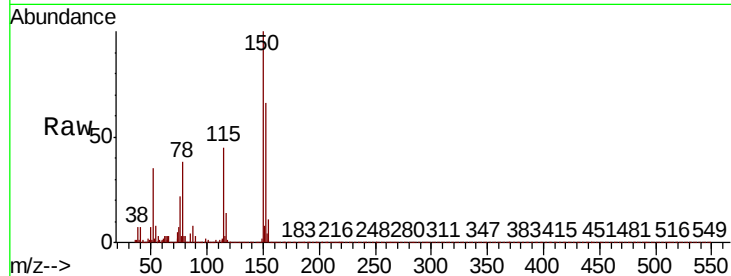




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.30 min Scan# 1057
Delta R.T. 0.01 min
Lab File: BP001381.D
Acq: 23 Dec 2019 22:07

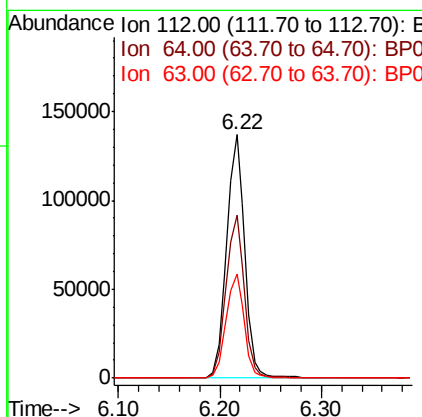
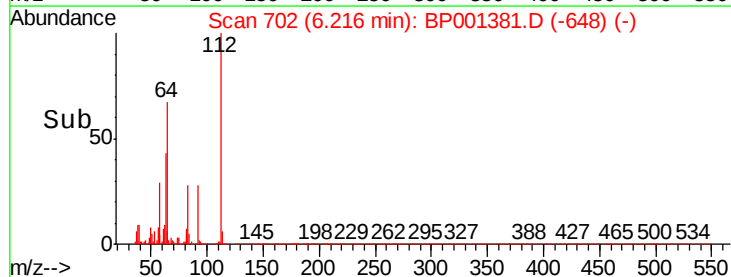
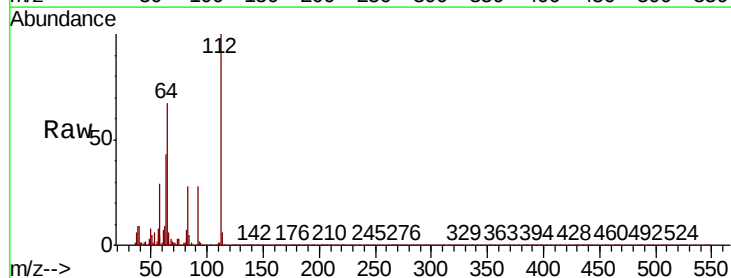
Instrument :
BNA_P
ClientSampled :
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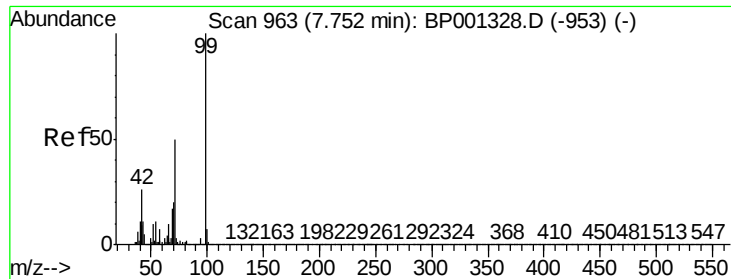
Tot Ion	Ratio	Lower	Upper
152	100		
150	150.7	124.0	186.0
115	67.8	59.3	88.9



#5
2-Fluorophenol
Concen: 48.345 ng
RT: 6.22 min Scan# 702
Delta R.T. 0.02 min
Lab File: BP001381.D
Acq: 23 Dec 2019 22:07

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.9	57.6	86.4
63	42.8	35.1	52.7





#7

Phenol-d6

Concen: 28.395 ng

RT: 7.76 min Scan# 964

Delta R.T. 0.01 min

Lab File: BP001381.D

Acq: 23 Dec 2019 22:07

Instrument :

BNA_P

ClientSampleId :

FIELD-BLANK

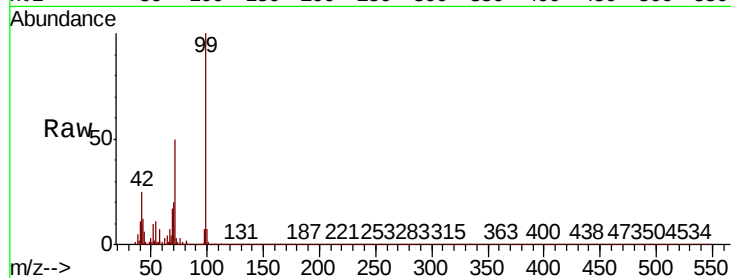
Tot Ion: 99 Resp: 129695

Ion Ratio Lower Upper

99 100

42 25.2 20.9 31.3

71 50.2 40.0 60.0

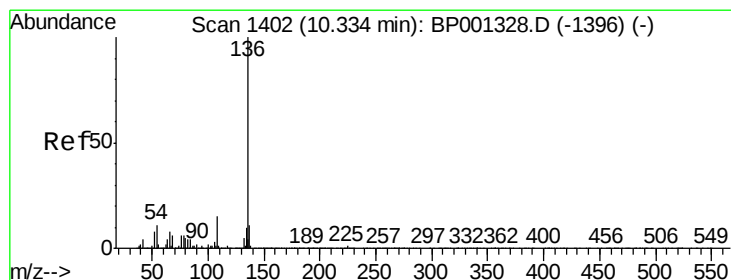
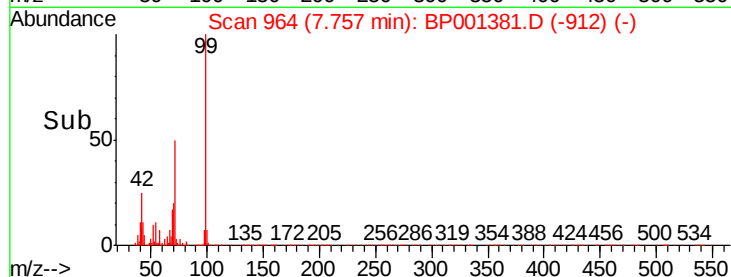
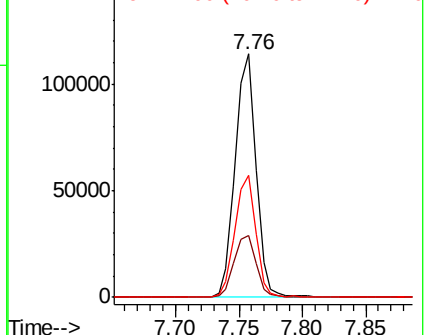


Abundance

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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.34 min Scan# 1403

Delta R.T. 0.01 min

Lab File: BP001381.D

Acq: 23 Dec 2019 22:07

Tgt Ion: 136 Resp: 203956

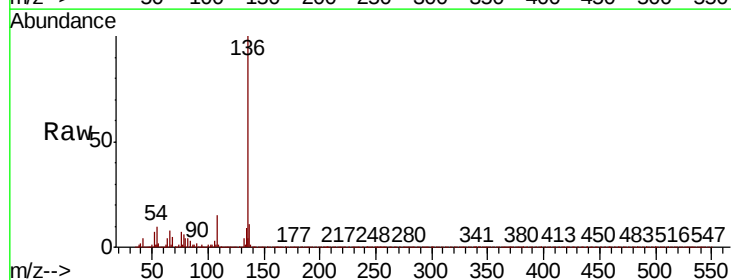
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 9.7 8.8 13.2

68 5.3 4.6 6.8



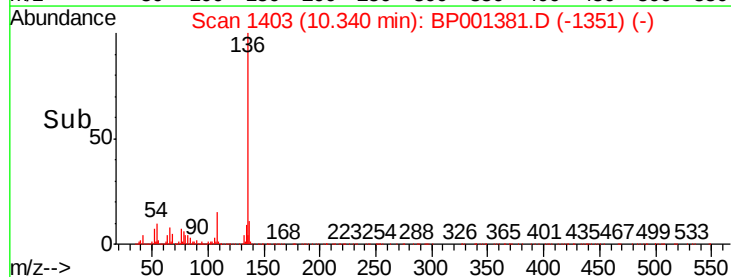
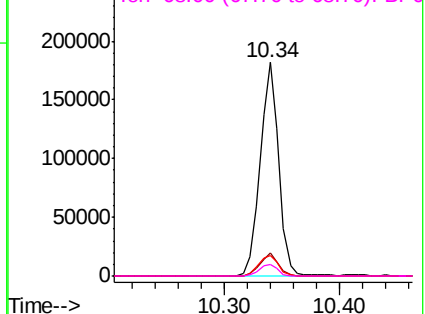
Abundance

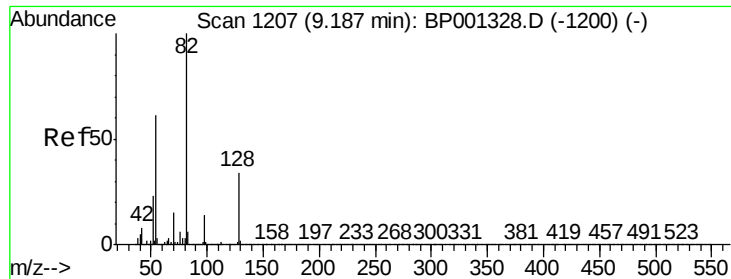
Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BP0

Ion 68.00 (67.70 to 68.70): BP0

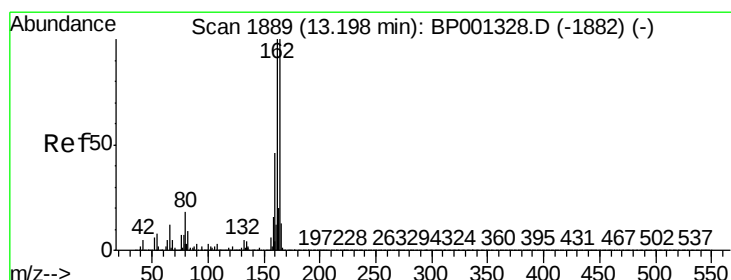
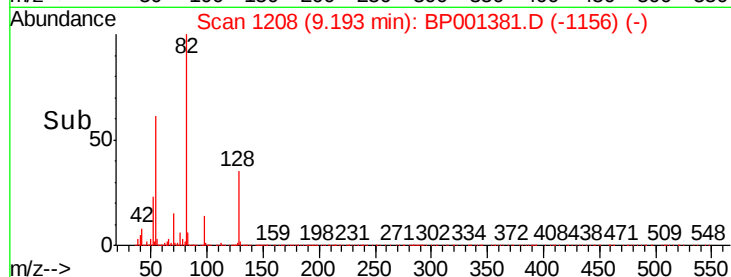
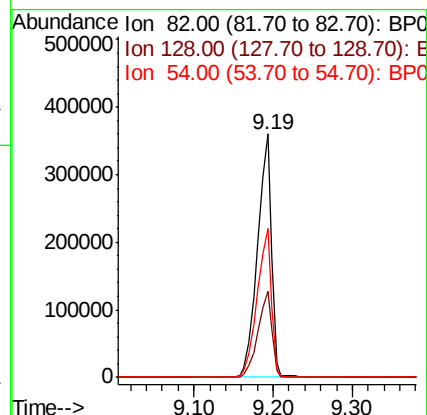
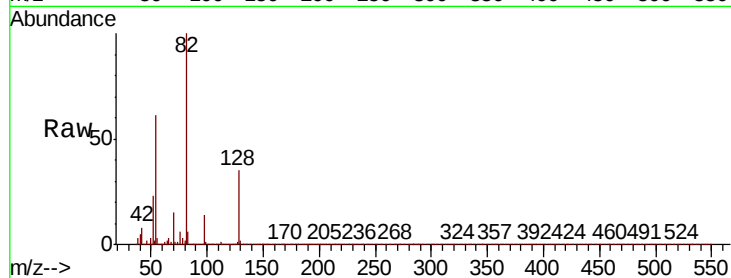




#23
Nitrobenzene-d5
Concen: 83.705 ng
RT: 9.19 min Scan# 1208
Delta R.T. 0.01 min
Lab File: BP001381.D
Acq: 23 Dec 2019 22:07

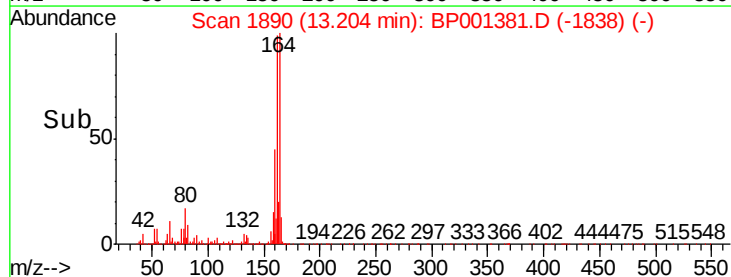
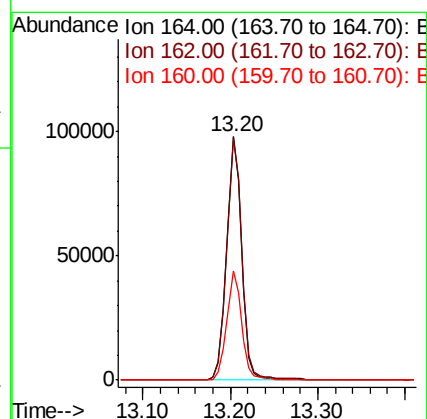
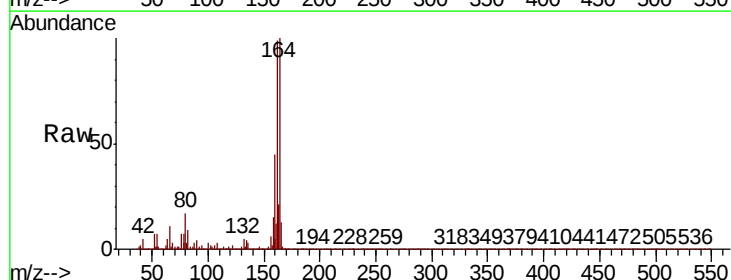
Instrument :
BNA_P
ClientSampleId :
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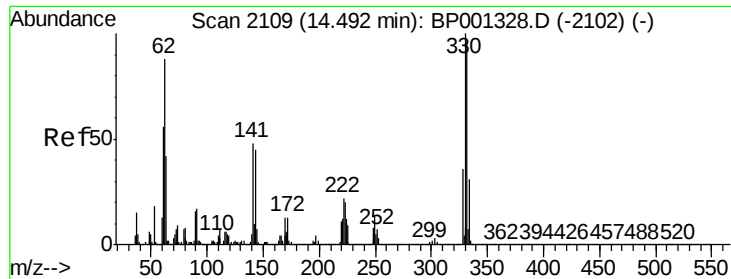
Tot Ion	82	Resp	444572
Ion Ratio	100	Lower	Upper
128	35.2	27.0	40.4
54	61.3	49.0	73.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.20 min Scan# 1890
Delta R.T. 0.01 min
Lab File: BP001381.D
Acq: 23 Dec 2019 22:07

Tgt Ion	164	Resp	118738
Ion Ratio	100	Lower	Upper
162	99.4	80.3	120.5
160	45.0	36.6	54.8

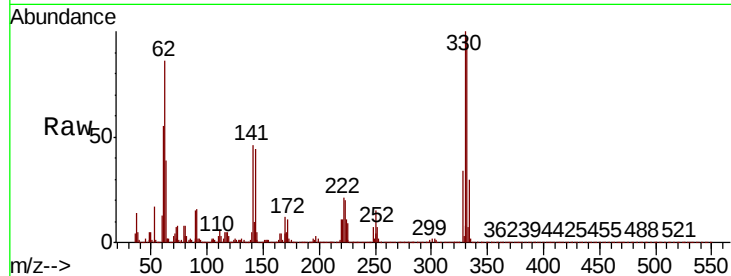




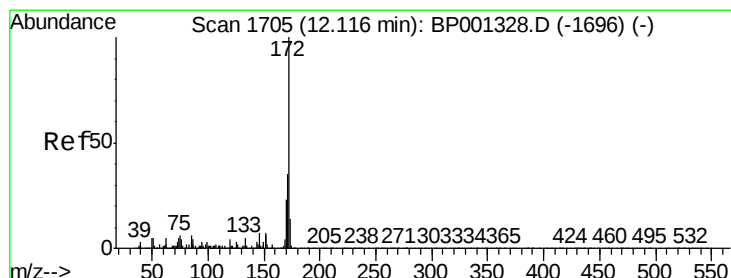
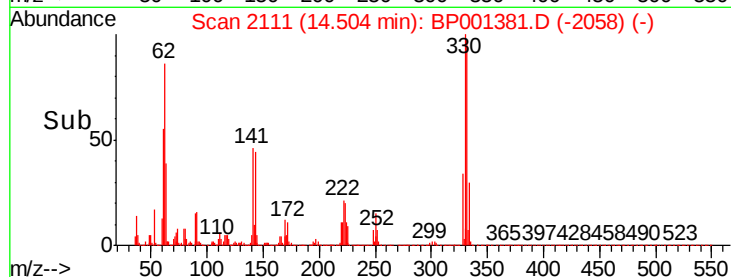
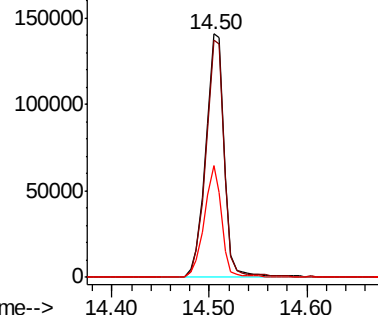
#42
2,4,6-Tribromophenol
Concen: 124.888 ng
RT: 14.50 min Scan# 2111
Delta R.T. 0.01 min
Lab File: BP001381.D
Acq: 23 Dec 2019 22:07

Instrument :
BNA_P
ClientSampleId :
FIELD-BLANK

Tot Ion:330 Resp: 185396
Ion Ratio Lower Upper
330 100
332 96.9 78.7 118.1
141 43.2 36.2 54.4

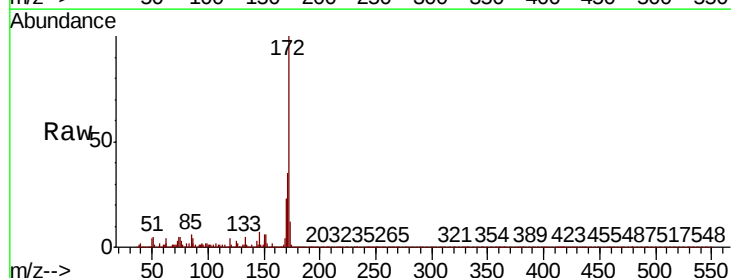


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

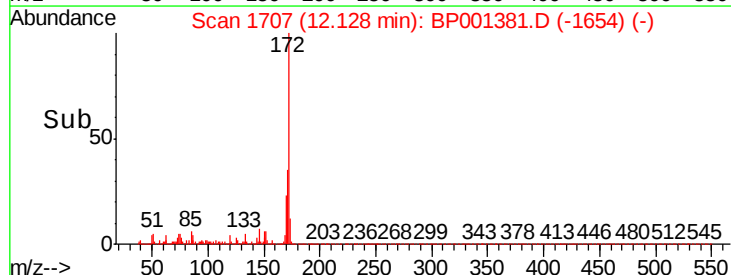
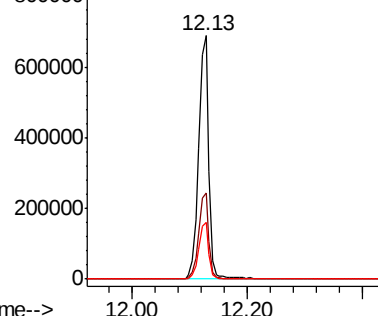


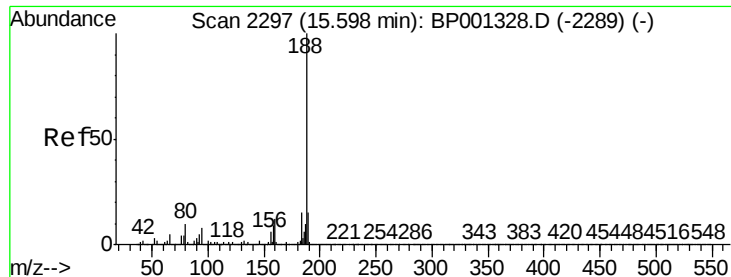
#45
2-Fluorobiphenyl
Concen: 89.362 ng
RT: 12.13 min Scan# 1707
Delta R.T. 0.01 min
Lab File: BP001381.D
Acq: 23 Dec 2019 22:07

Tgt Ion:172 Resp: 839131
Ion Ratio Lower Upper
172 100
171 35.4 27.7 41.5
170 23.3 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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 15.60 min Scan# 2298

Delta R.T. 0.01 min

Lab File: BP001381.D

Acq: 23 Dec 2019 22:07

Instrument :

BNA_P

ClientSampleId :

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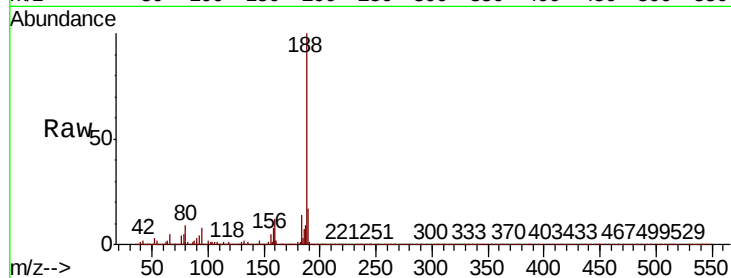
Tot Ion:188 Resp: 213782

Ion Ratio Lower Upper

188 100

94 8.2 6.6 10.0

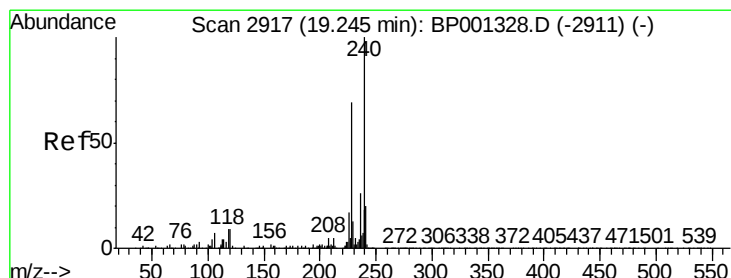
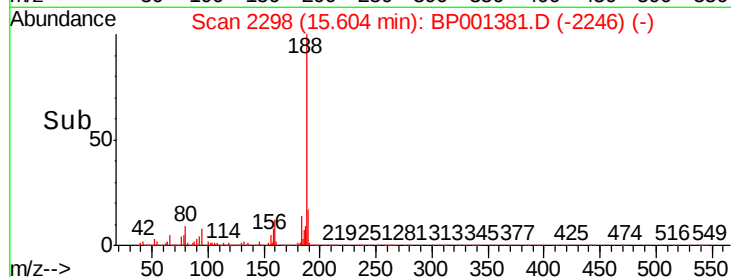
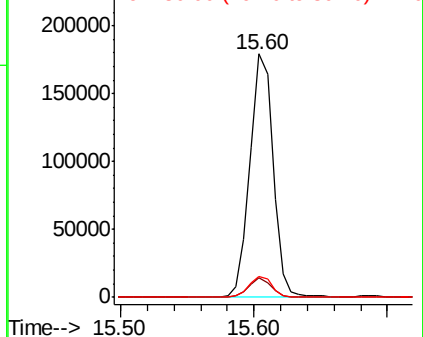
80 8.6 7.8 11.6



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: 19.26 min Scan# 2919

Delta R.T. 0.01 min

Lab File: BP001381.D

Acq: 23 Dec 2019 22:07

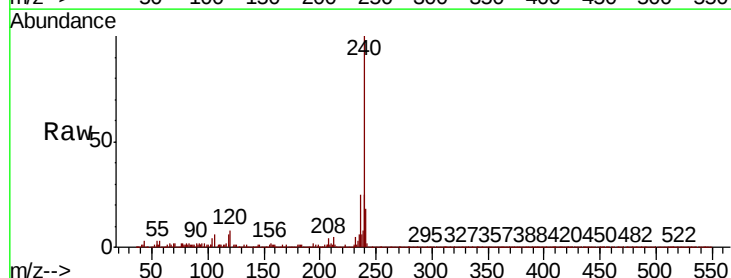
Tgt Ion:240 Resp: 144110

Ion Ratio Lower Upper

240 100

120 7.6 7.6 11.4#

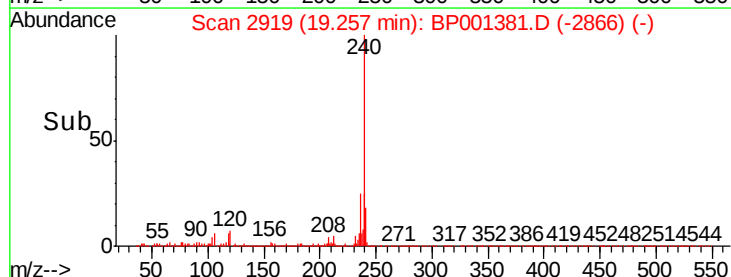
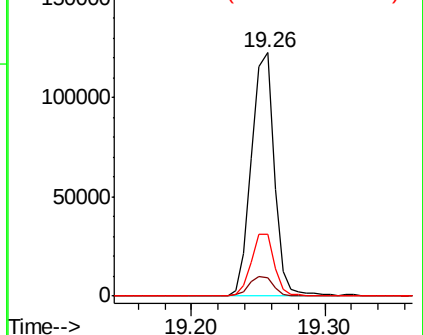
236 25.2 21.0 31.4

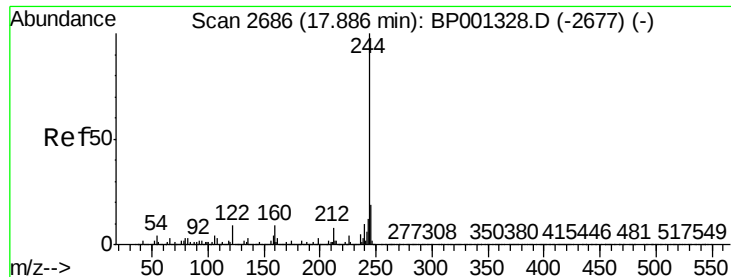


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 104.204 ng

RT: 17.90 min Scan# 2688

Delta R.T. 0.01 min

Lab File: BP001381.D

Acq: 23 Dec 2019 22:07

Instrument :

BNA_P

ClientSampled :

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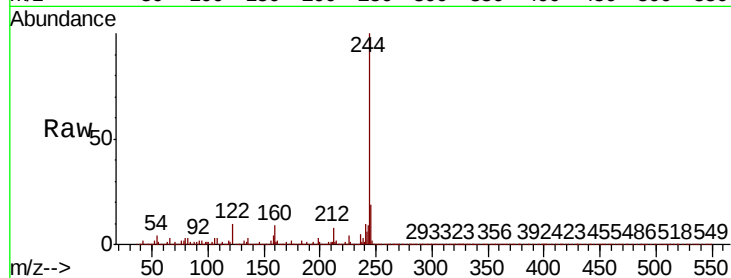
Tot Ion:244 Resp: 876762

Ion Ratio Lower Upper

244 100

212 8.0 6.6 9.8

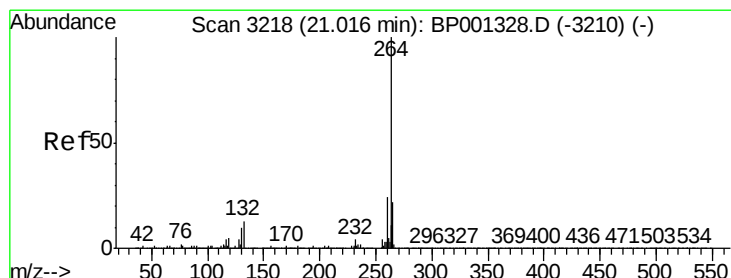
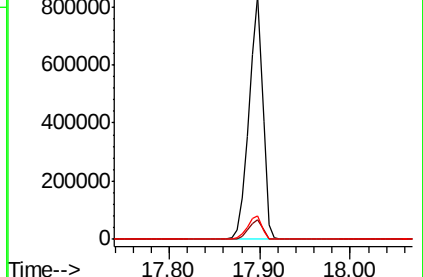
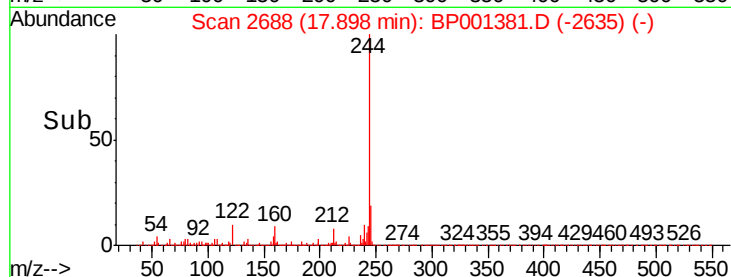
122 9.7 7.6 11.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 21.03 min Scan# 3221

Delta R.T. 0.02 min

Lab File: BP001381.D

Acq: 23 Dec 2019 22:07

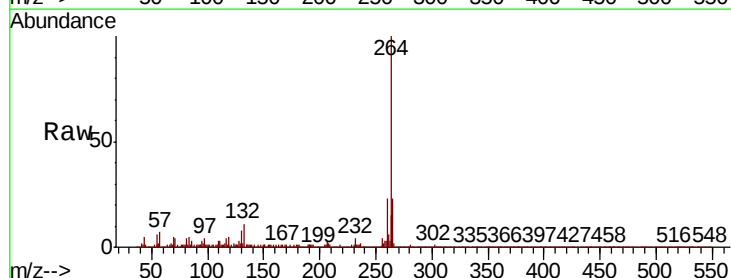
Tgt Ion:264 Resp: 149935

Ion Ratio Lower Upper

264 100

260 23.2 19.2 28.8

265 23.3 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

