

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122019\
 Data File : BP001347.D
 Acq On : 20 Dec 2019 17:16
 Operator : JU
 Sample : K6331-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Dec 20 22:07:02 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

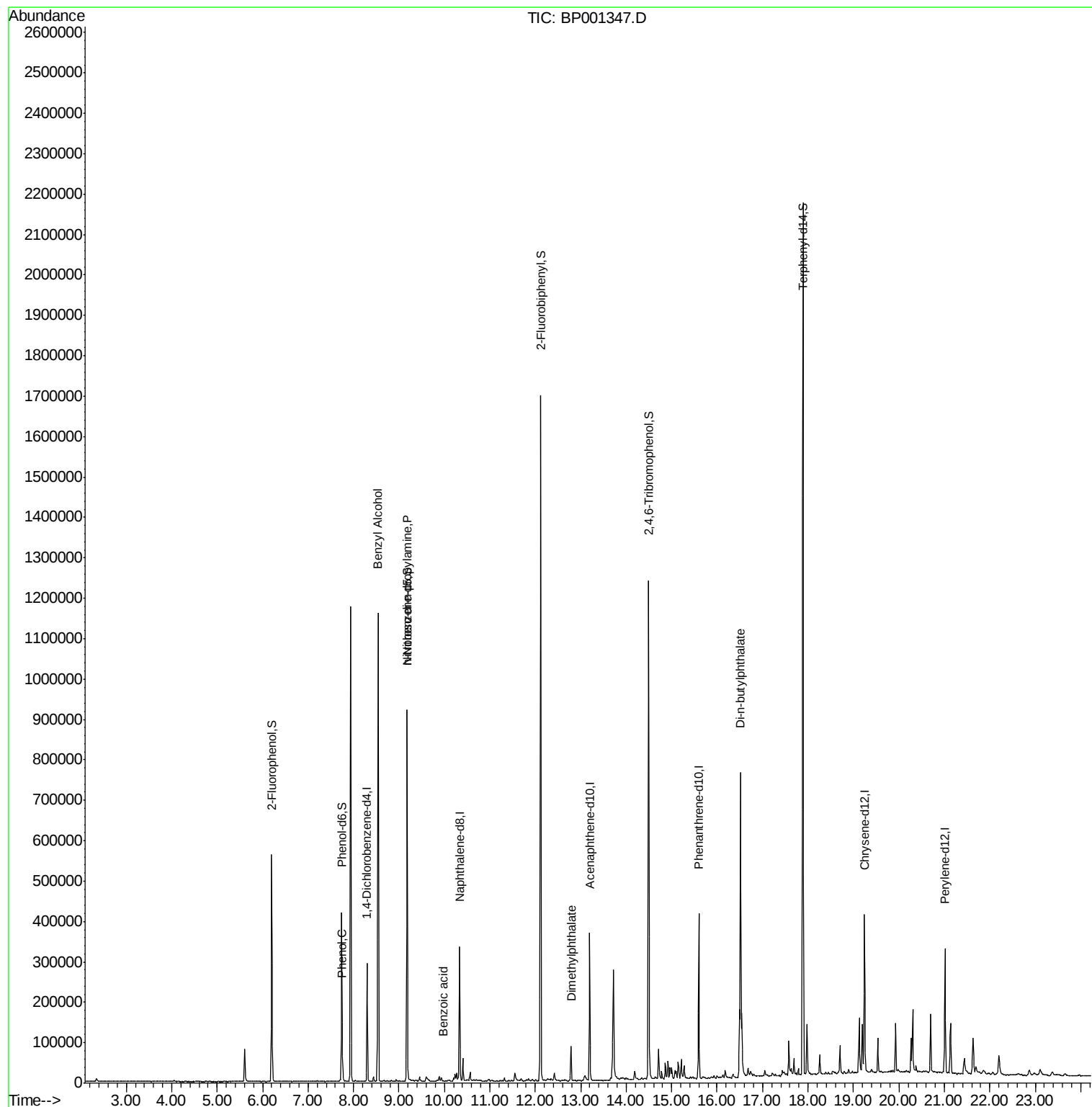
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.30	152	44754	20.00	ng	0.00
21) Naphthalene-d8	10.33	136	158714	20.00	ng	0.00
39) Acenaphthene-d10	13.20	164	90924	20.00	ng	0.00
64) Phenanthrene-d10	15.60	188	175116	20.00	ng	0.00
76) Chrysene-d12	19.25	240	144402	20.00	ng	0.00
87) Perylene-d12	21.02	264	156150	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.20	112	166391	60.09	ng	0.00
7) Phenol-d6	7.74	99	138359	38.29	ng	-0.01
23) Nitrobenzene-d5	9.18	82	371714	89.94	ng	0.00
42) 2,4,6-Tribromophenol	14.49	330	159612	140.41	ng	0.00
45) 2-Fluorobiphenyl	12.12	172	633555	88.11	ng	0.00
79) Terphenyl-d14	17.89	244	844092	100.12	ng	0.00
Target Compounds						
10) Phenol	7.76	94	10492	2.541	ng	89
15) Benzyl Alcohol	8.54	79	8008	2.362	ng	# 62
19) n-Nitroso-di-n-propylamine	9.18	70	56427	21.998	ng	# 80
32) Benzoic acid	9.99	122	19	5.033	ng	# 73
50) Dimethylphthalate	12.79	163	37559	5.035	ng	97
74) Di-n-butylphthalate	16.52	149	389888	32.220	ng	99

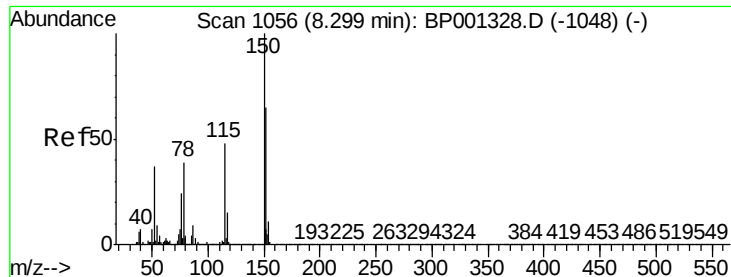
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Dec 20 03:20:39 2019
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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.30 min Scan# 1056

Delta R.T. 0.00 min

Lab File: BP001347.D

Acq: 20 Dec 2019 17:16

Instrument :

BNA_P

ClientSampleId :

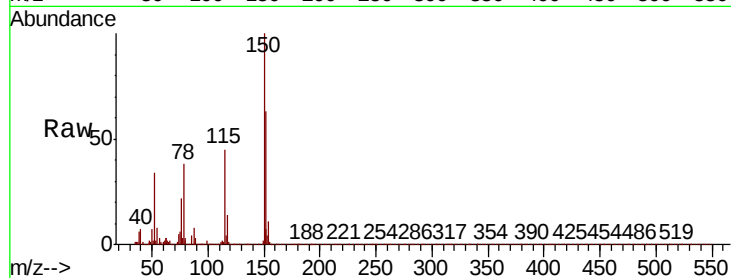
Tot Ion:152 Resp: 44754

Ion Ratio Lower Upper

152 100

150 159.8 124.0 186.0

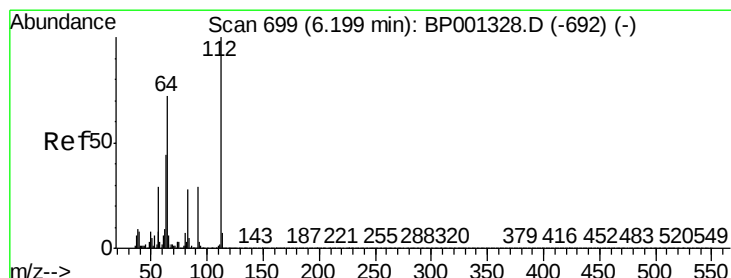
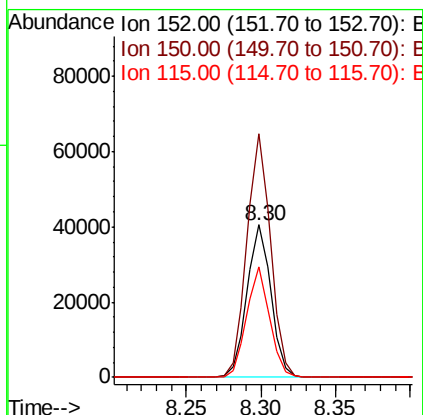
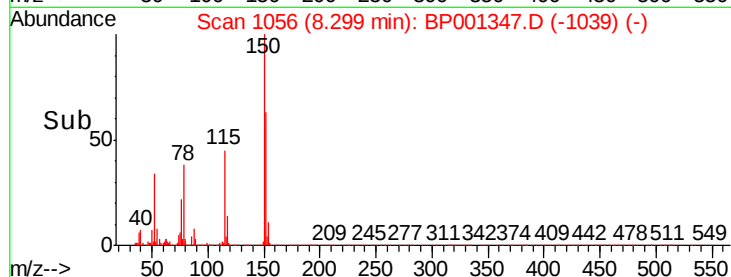
115 72.6 59.3 88.9



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: 60.088 ng

RT: 6.20 min Scan# 700

Delta R.T. 0.01 min

Lab File: BP001347.D

Acq: 20 Dec 2019 17:16

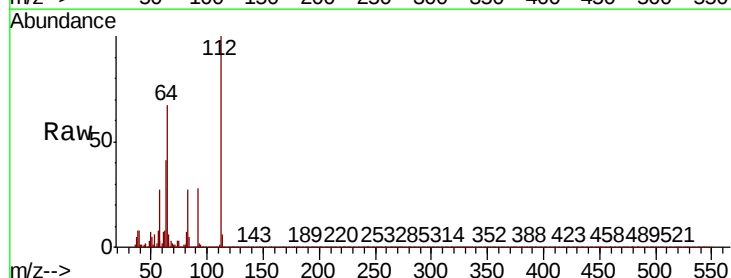
Tgt Ion:112 Resp: 166391

Ion Ratio Lower Upper

112 100

64 67.4 57.6 86.4

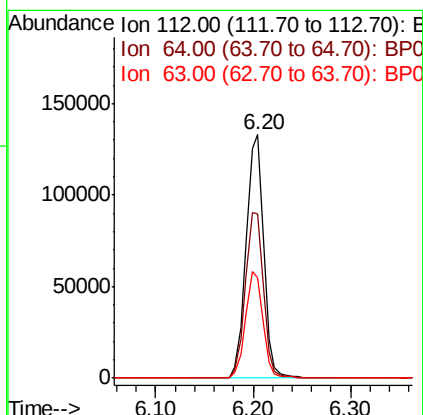
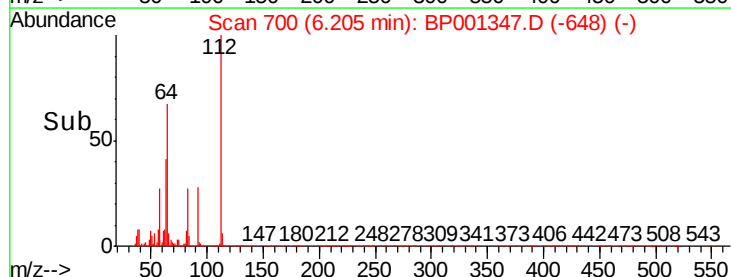
63 41.0 35.1 52.7

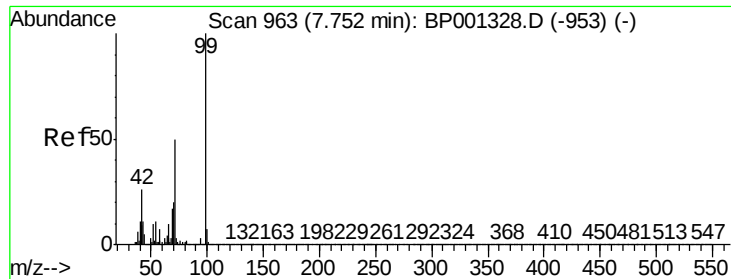


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0





#7

Phenol-d6

Concen: 38.291 ng

RT: 7.74 min Scan# 961

Delta R.T. -0.01 min

Lab File: BP001347.D

Acq: 20 Dec 2019 17:16

Instrument :

BNA_P

ClientSampleId :

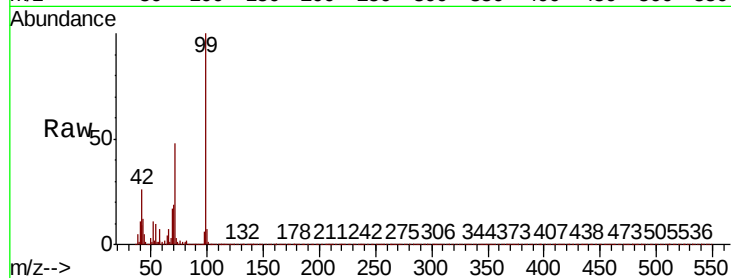
Tot Ion: 99 Resp: 138359

Ion Ratio Lower Upper

99 100

42 26.4 20.9 31.3

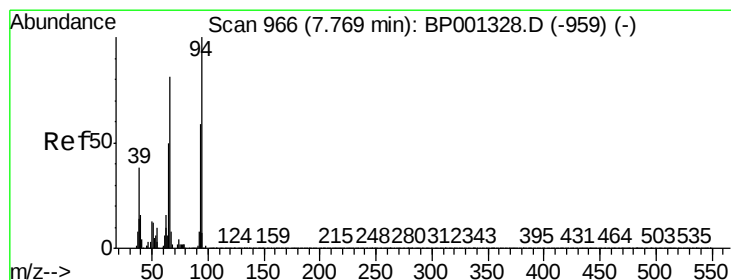
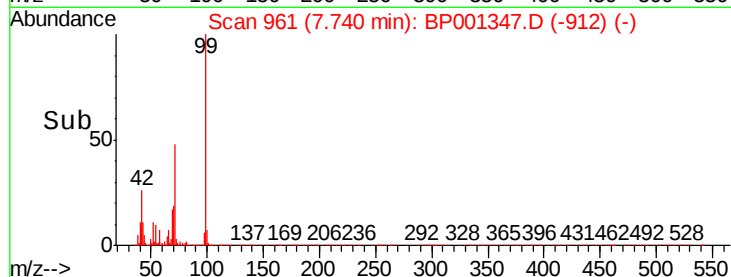
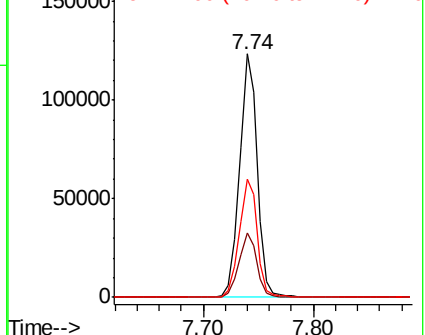
71 48.4 40.0 60.0



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: 2.541 ng

RT: 7.76 min Scan# 964

Delta R.T. -0.01 min

Lab File: BP001347.D

Acq: 20 Dec 2019 17:16

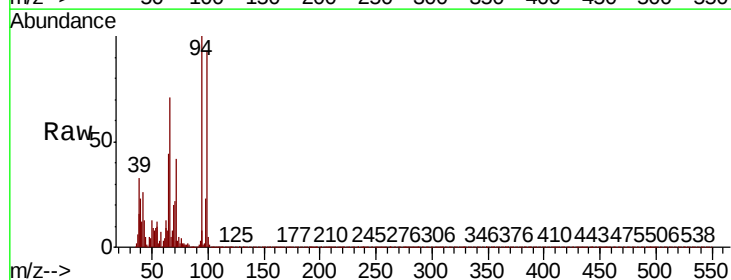
Tgt Ion: 94 Resp: 10492

Ion Ratio Lower Upper

94 100

65 43.6 30.4 70.4

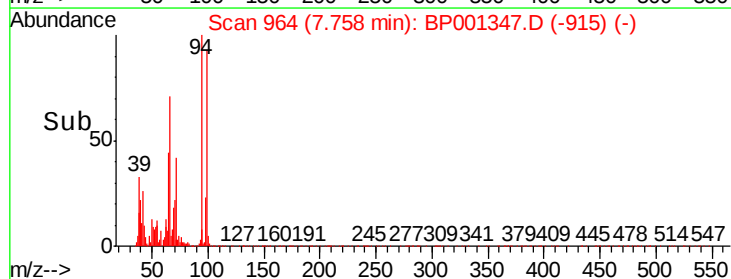
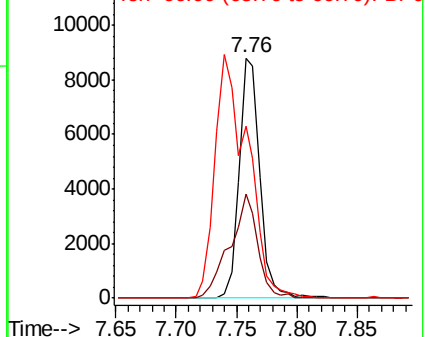
66 71.4 62.0 102.0

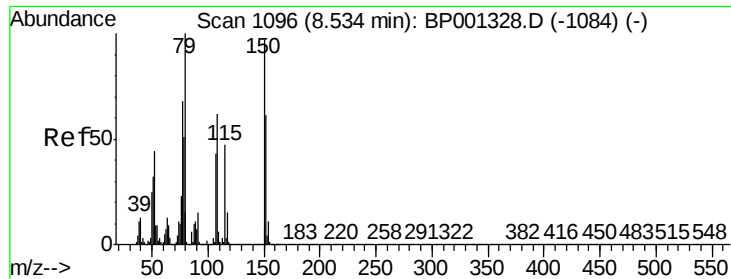


Abundance Ion 94.00 (93.70 to 94.70): BP0

Ion 65.00 (64.70 to 65.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

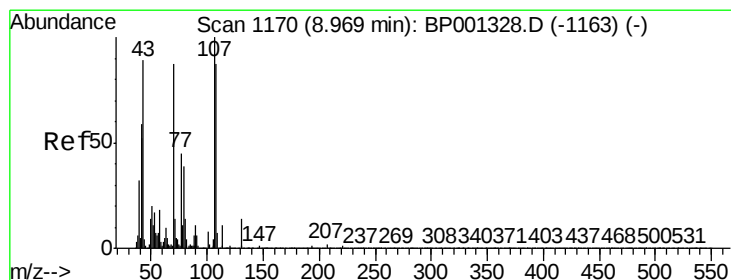
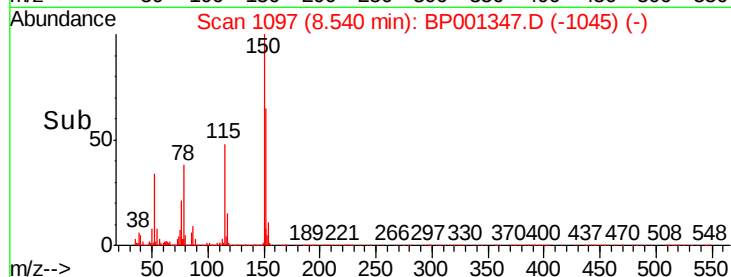
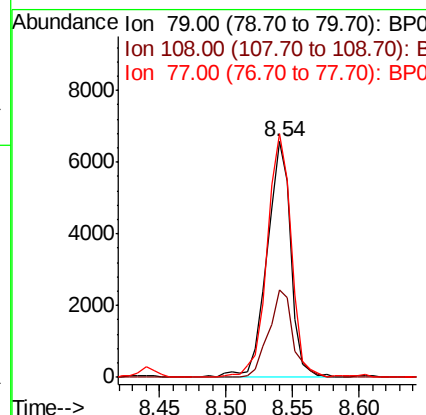
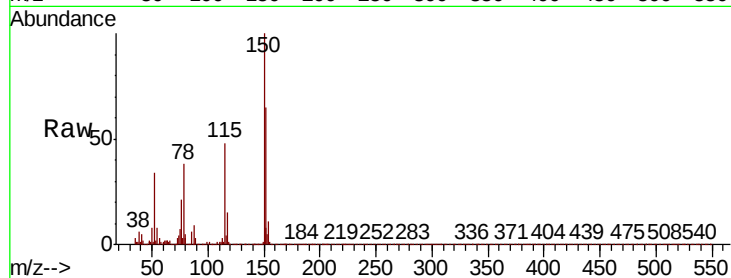




#15
Benzyl Alcohol
Concen: 2.362 ng
RT: 8.54 min Scan# 1097
Delta R.T. 0.01 min
Lab File: BP001347.D
Acq: 20 Dec 2019 17:16

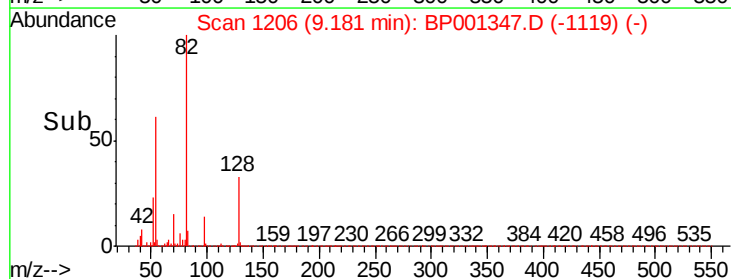
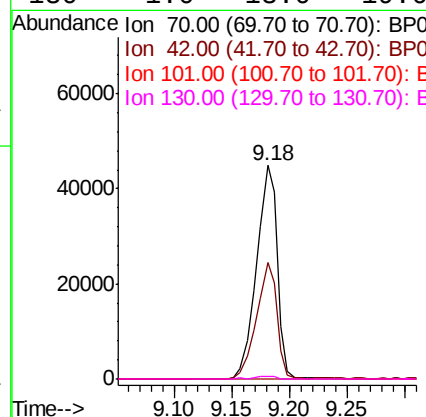
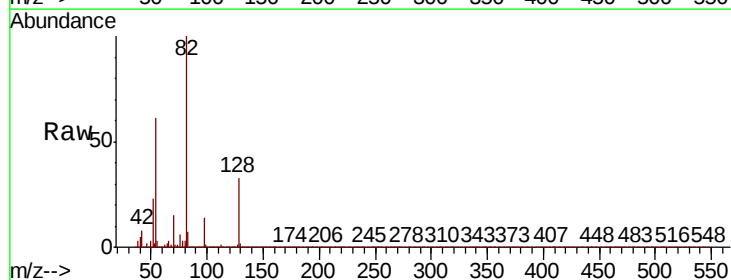
Instrument :
BNA_P
ClientSampleId :

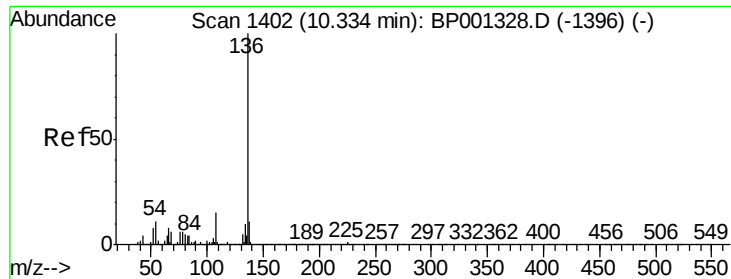
Tot Ion	Ratio	Lower	Upper
79	100		
108	37.1	49.3	73.9#
77	103.4	54.4	81.6#



#19
n-Nitroso-di-n-propylamine
Concen: 21.998 ng
RT: 9.18 min Scan# 1206
Delta R.T. 0.21 min
Lab File: BP001347.D
Acq: 20 Dec 2019 17:16

Tgt Ion	Ratio	Lower	Upper
70	100		
42	54.8	54.1	81.1
101	0.0	7.0	10.4#
130	1.0	13.0	19.6#

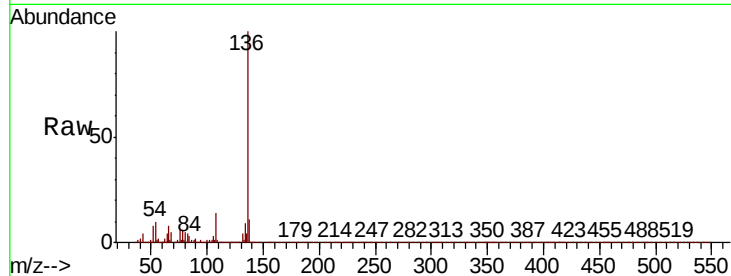




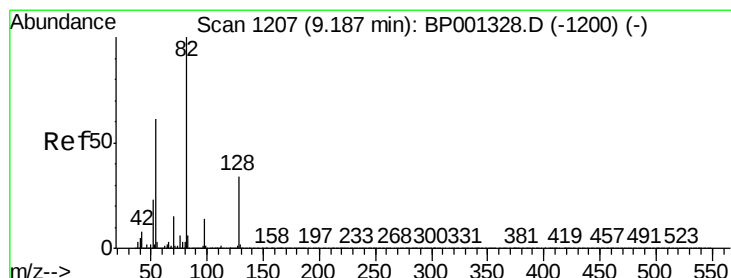
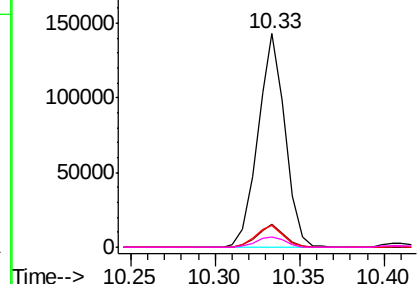
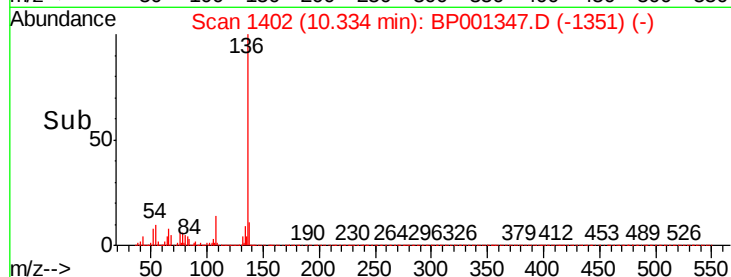
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.33 min Scan# 1402
Delta R.T. 0.00 min
Lab File: BP001347.D
Acq: 20 Dec 2019 17:16

Instrument :
BNA_P
ClientSampleId :

Tot Ion:136	Resp:	158714
Ion Ratio	Lower	Upper
136 100		
137 10.7	8.8	13.2
54 10.4	8.8	13.2
68 4.9	4.6	6.8

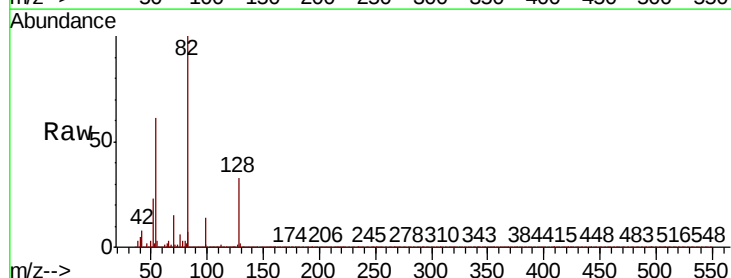


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BP0
Ion 68.00 (67.70 to 68.70): BP0

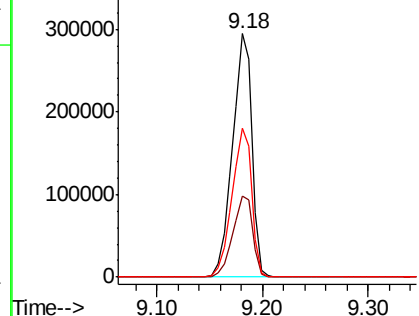
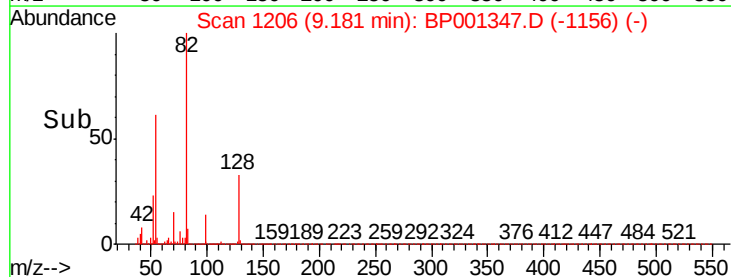


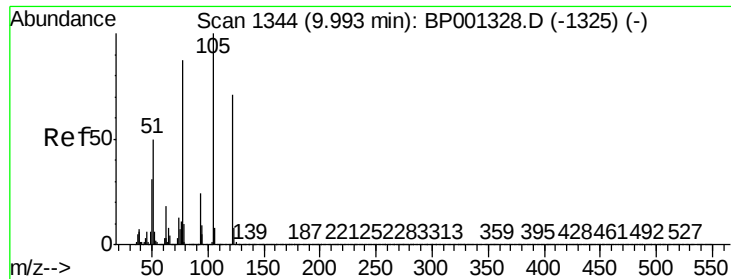
#23
Nitrobenzene-d5
Concen: 89.937 ng
RT: 9.18 min Scan# 1206
Delta R.T. -0.01 min
Lab File: BP001347.D
Acq: 20 Dec 2019 17:16

Tgt Ion: 82	Resp: 371714
Ion Ratio	Lower Upper
82 100	
128 33.3	27.0 40.4
54 61.3	49.0 73.4



Abundance Ion 82.00 (81.70 to 82.70): BP0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BP0

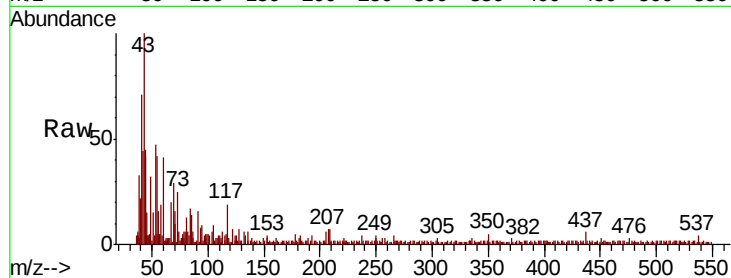




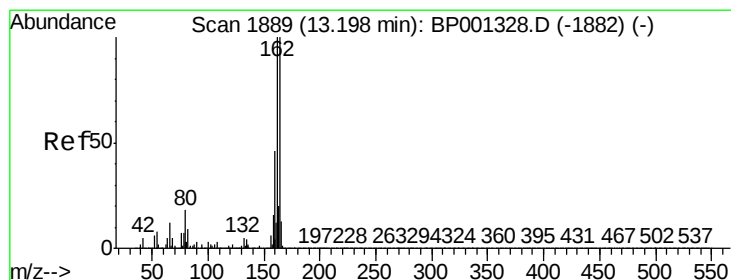
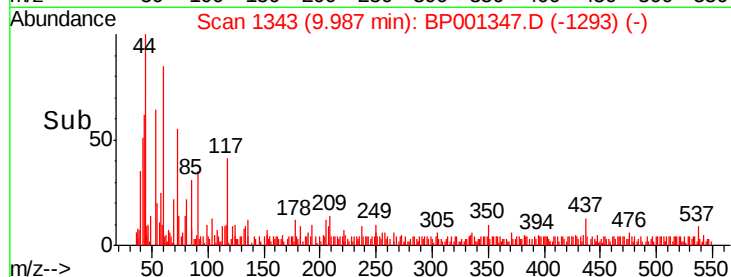
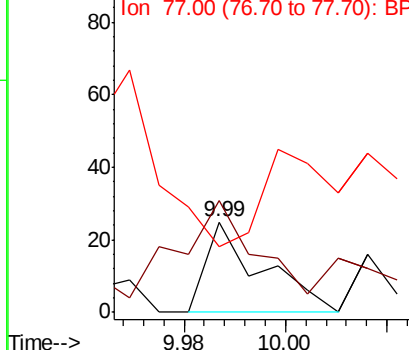
#32
Benzoic acid
Concen: 5.033 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BP001347.D
Acq: 20 Dec 2019 17:16

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
122	100		
105	124.0	118.5	158.5
77	72.0	101.3	141.3#

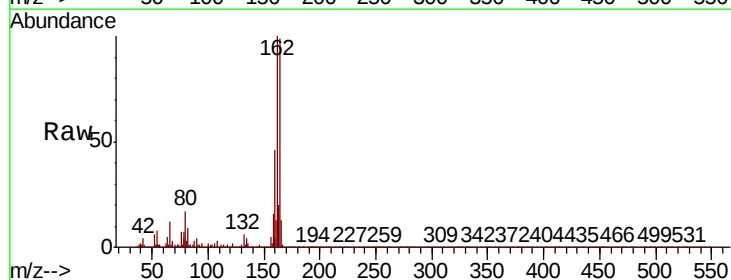


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BP0

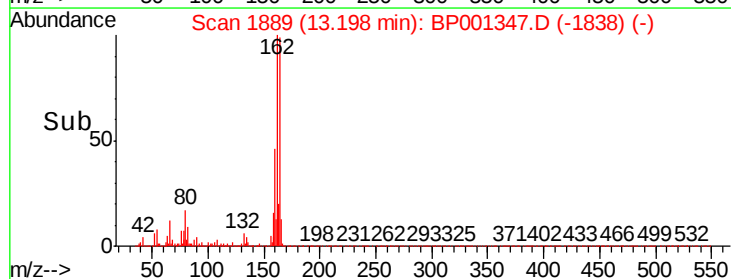
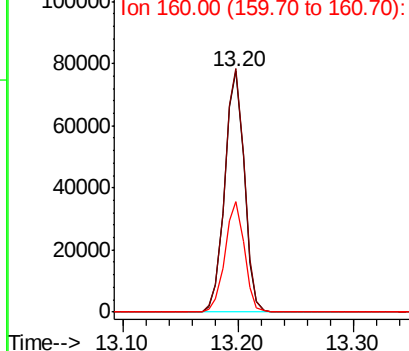


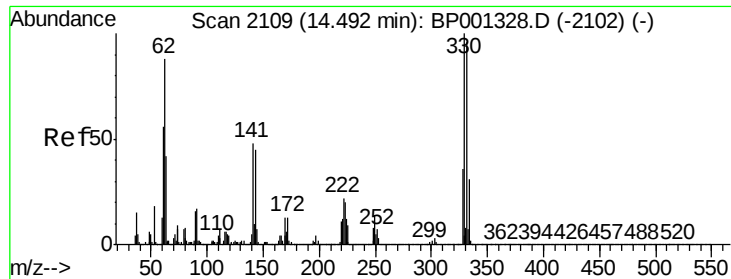
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.20 min Scan# 1889
Delta R.T. 0.00 min
Lab File: BP001347.D
Acq: 20 Dec 2019 17:16

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.1	80.3	120.5
160	46.0	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

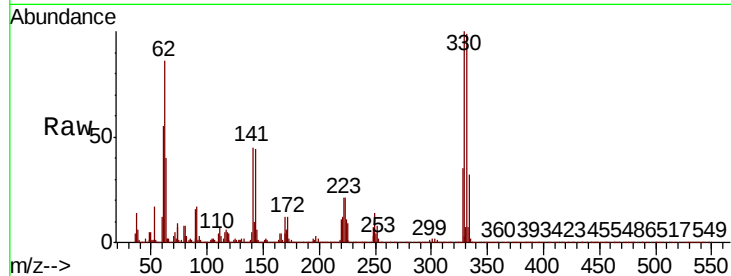




#42
2,4,6-Tribromophenol
Concen: 140.410 ng
RT: 14.49 min Scan# 2109
Delta R.T. 0.00 min
Lab File: BP001347.D
Acq: 20 Dec 2019 17:16

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.4	78.7	118.1
141	44.5	36.2	54.4

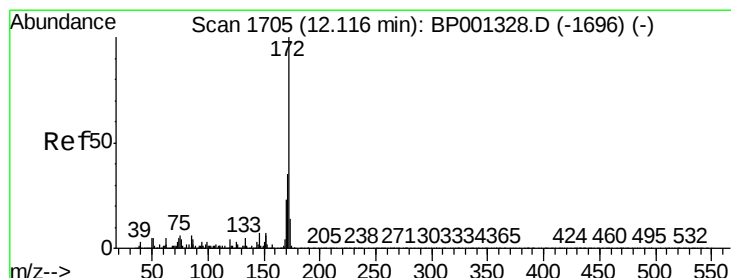
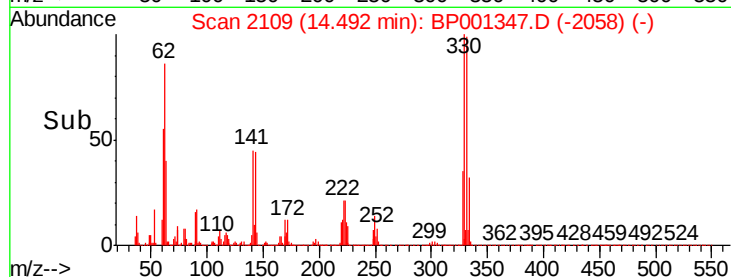
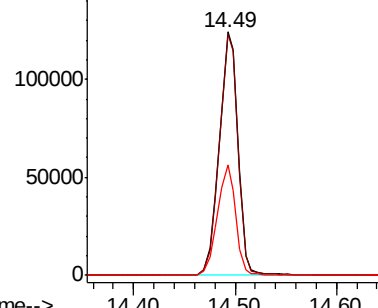


Abundance

Ion 329.80 (329.50 to 330.50): E

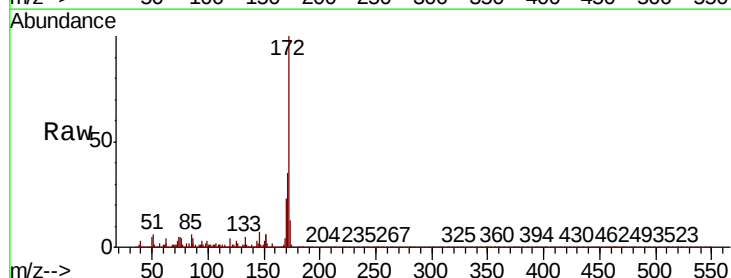
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
2-Fluorobiphenyl
Concen: 88.109 ng
RT: 12.12 min Scan# 1705
Delta R.T. 0.00 min
Lab File: BP001347.D
Acq: 20 Dec 2019 17:16

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.6	27.7	41.5
170	23.3	18.6	28.0

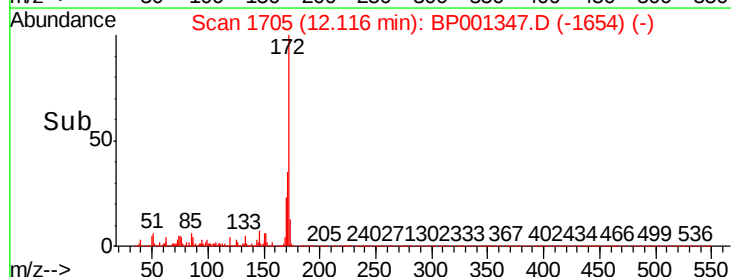
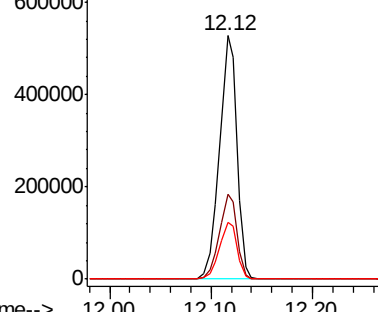


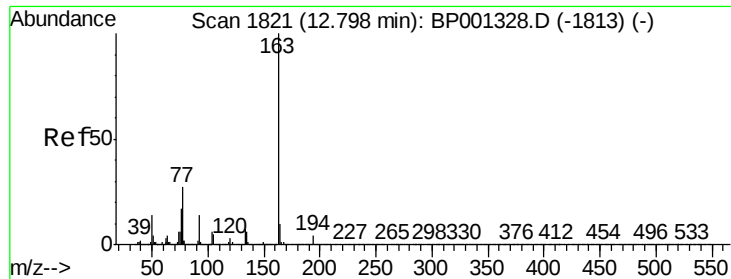
Abundance

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

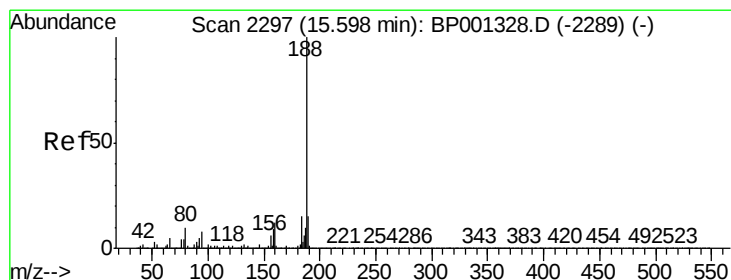
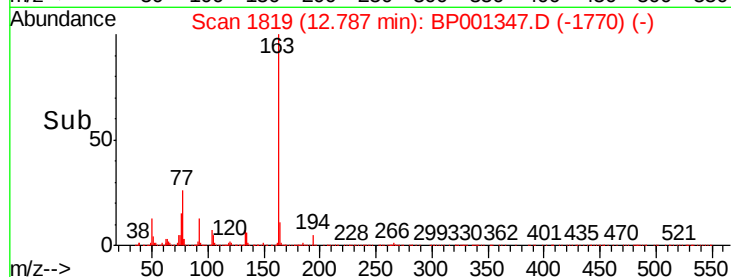
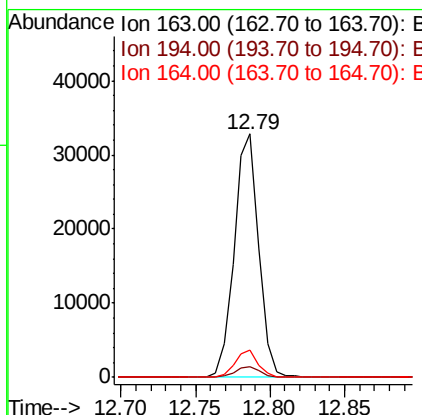
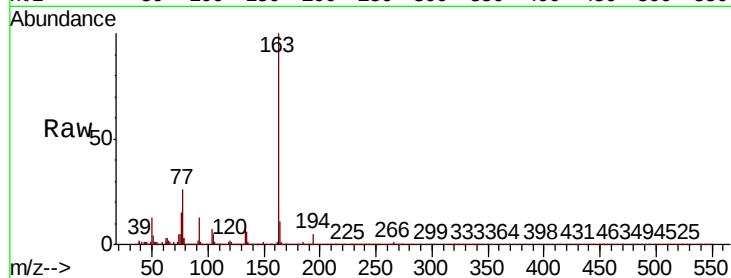




#50
Dimethylphthalate
Concen: 5.035 ng
RT: 12.79 min Scan# 1819
Delta R.T. -0.01 min
Lab File: BP001347.D
Acq: 20 Dec 2019 17:16

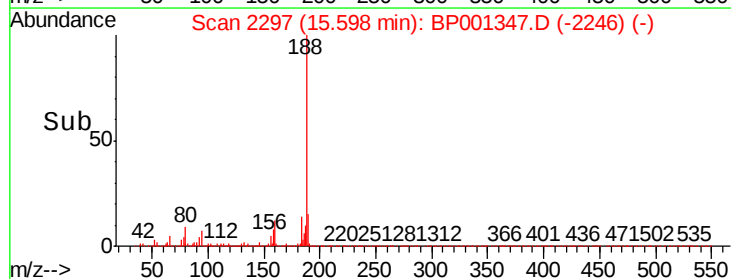
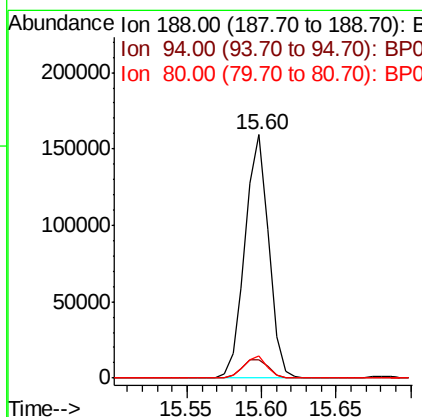
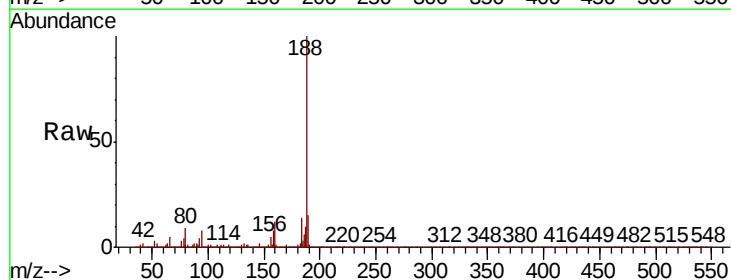
Instrument :
BNA_P
ClientSampleId :

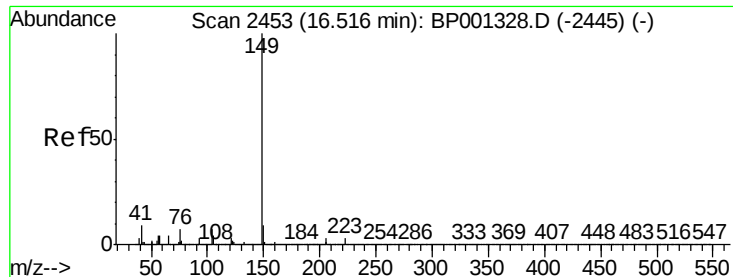
Tot Ion:163 Resp: 37559
Ion Ratio Lower Upper
163 100
194 4.5 3.4 5.0
164 11.3 7.9 11.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 15.60 min Scan# 2297
Delta R.T. 0.00 min
Lab File: BP001347.D
Acq: 20 Dec 2019 17:16

Tgt Ion:188 Resp: 175116
Ion Ratio Lower Upper
188 100
94 7.6 6.6 10.0
80 8.9 7.8 11.6





#74

Di-n-butylphthalate

Concen: 32.220 ng

RT: 16.52 min Scan# 2453

Delta R.T. 0.00 min

Lab File: BP001347.D

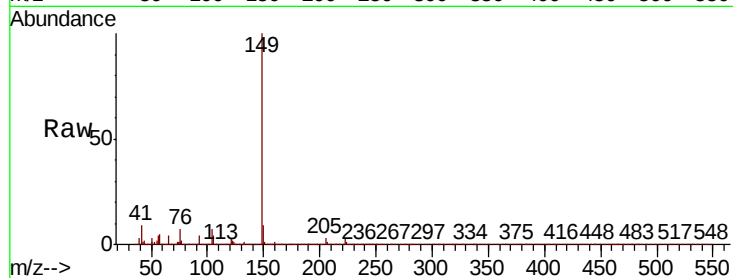
Acq: 20 Dec 2019 17:16

Instrument :

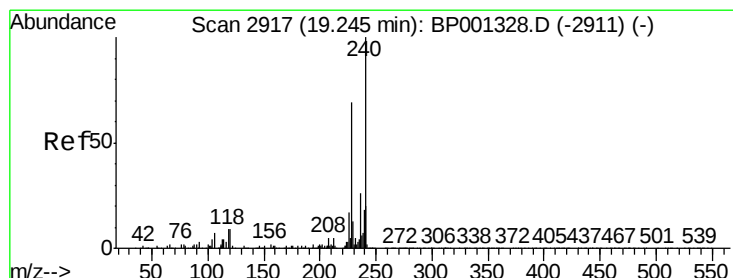
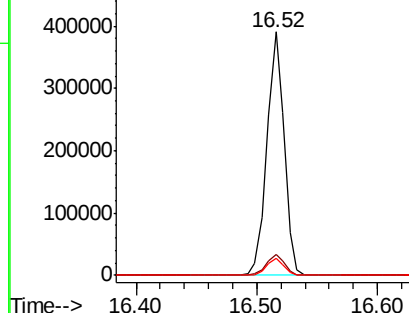
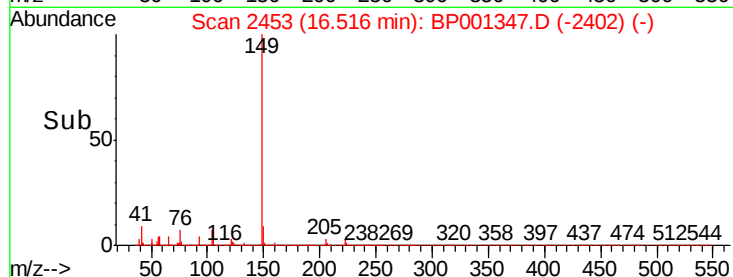
BNA_P

ClientSampled :

Tot Ion:	149	Resp:	389888
Ion Ratio	Lower	Upper	
149	100		
150	8.8	7.5	11.3
104	7.0	5.4	8.2



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#76

Chrysene-d12

Concen: 20.000 ng

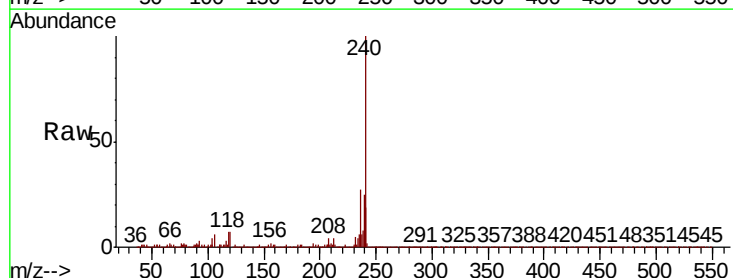
RT: 19.25 min Scan# 2917

Delta R.T. 0.00 min

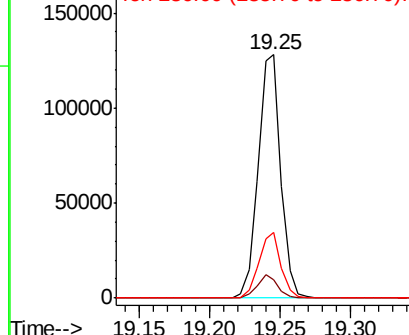
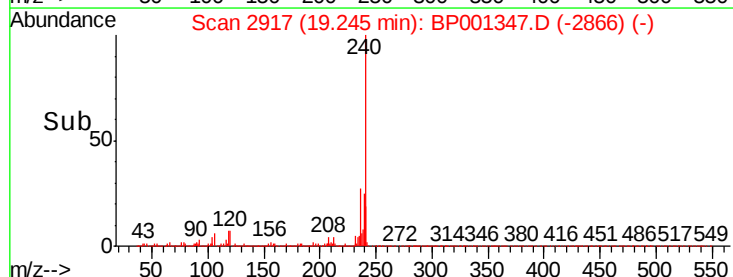
Lab File: BP001347.D

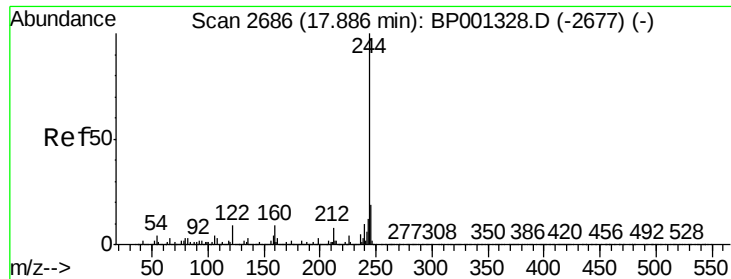
Acq: 20 Dec 2019 17:16

Tgt Ion:	240	Resp:	144402
Ion Ratio	Lower	Upper	
240	100		
120	7.5	7.6	11.4#
236	26.8	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: 100.119 ng

RT: 17.89 min Scan# 2686

Delta R.T. 0.00 min

Lab File: BP001347.D

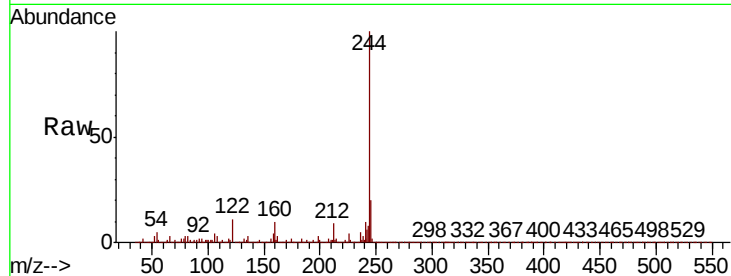
Acq: 20 Dec 2019 17:16

Instrument :

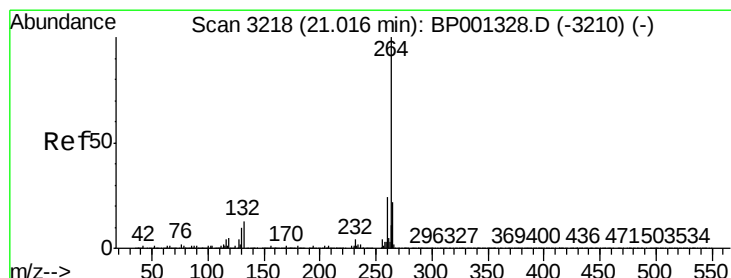
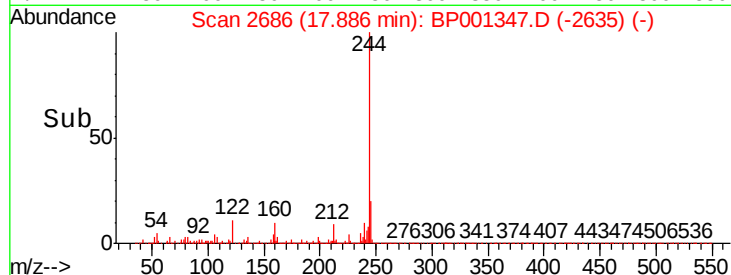
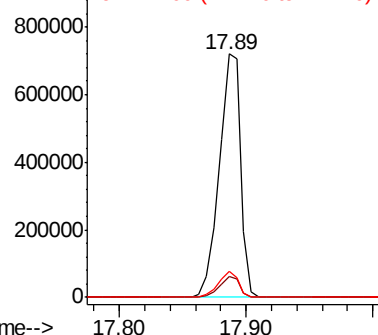
BNA_P

ClientSampled :

Tot Ion:244	Resp:	844092
Ion Ratio	Lower	Upper
244	100	
212	8.6	6.6 9.8
122	10.7	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

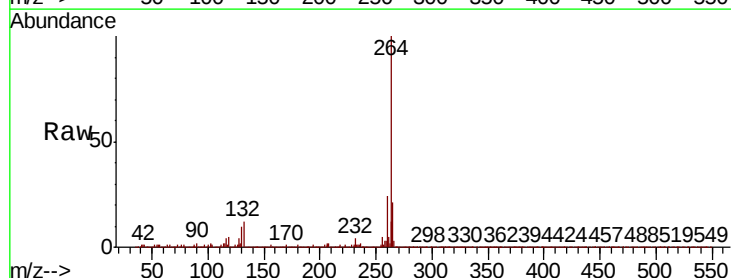
RT: 21.02 min Scan# 3218

Delta R.T. 0.00 min

Lab File: BP001347.D

Acq: 20 Dec 2019 17:16

Tgt Ion:264	Resp:	156150
Ion Ratio	Lower	Upper
264	100	
260	24.2	19.2 28.8
265	20.8	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

