

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090120\
 Data File : BP003171.D
 Acq On : 01 Sep 2020 17:33
 Operator : CG/JU
 Sample : L3851-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 238

Quant Time: Sep 01 18:25:11 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP082420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 01 14:37:05 2020
 Response via : Initial Calibration

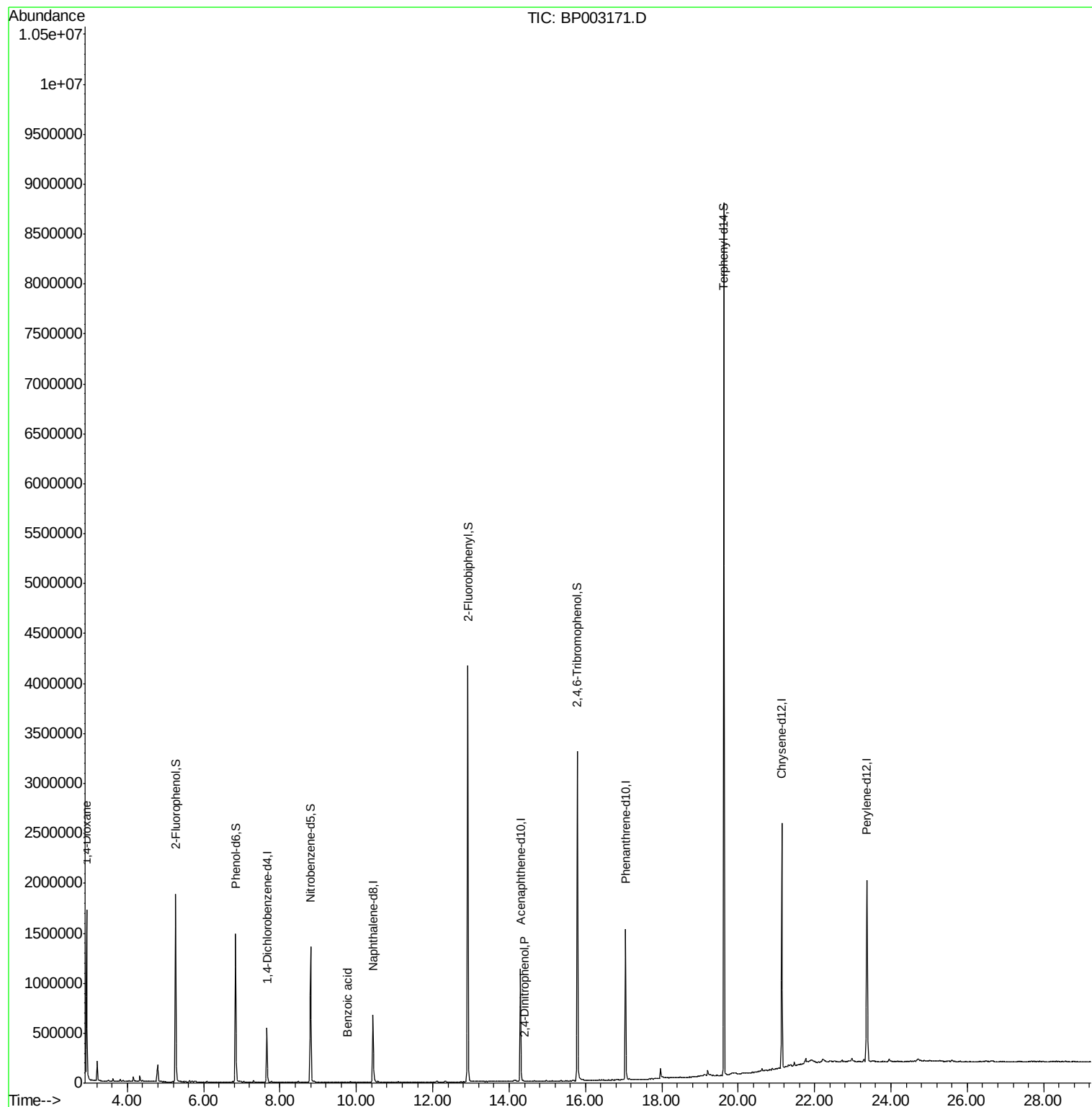
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	163891	20.00	ng	0.00
21) Naphthalene-d8	10.43	136	651679	20.00	ng	0.00
39) Acenaphthene-d10	14.29	164	406211	20.00	ng	0.00
64) Phenanthrene-d10	17.05	188	909698	20.00	ng	0.00
76) Chrysene-d12	21.14	240	1143299	20.00	ng	0.00
86) Perylene-d12	23.37	264	1394223	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	984382	106.19	ng	0.00
7) Phenol-d6	6.83	99	1029597	88.60	ng	0.00
23) Nitrobenzene-d5	8.80	82	784313	86.76	ng	0.00
42) 2,4,6-Tribromophenol	15.79	330	744798	135.57	ng	0.00
45) 2-Fluorobiphenyl	12.92	172	2366348	85.31	ng	0.00
79) Terphenyl-d14	19.63	244	3976908	76.54	ng	0.00
Target Compounds						
2) 1,4-Dioxane	2.93	88	15501	4.374	ng	# 1
32) Benzoic acid	9.75	122	1113	9.144	ng	85
54) 2,4-Dinitrophenol	14.41	184	24	7.761	ng	# 1

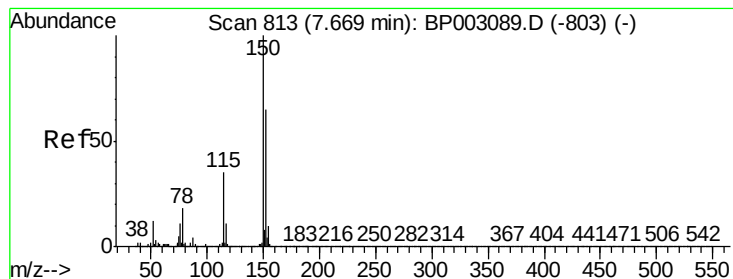
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.65 min Scan# 810

Delta R.T. -0.00 min

Lab File: BP003171.D

Acq: 01 Sep 2020 17:33

Instrument :

BNA_P

ClientSampled :

238

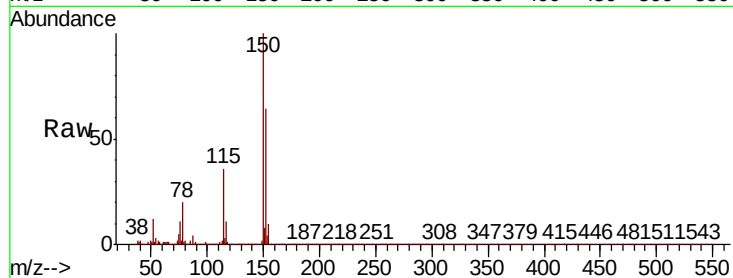
Tot Ion:152 Resp: 163891

Ion Ratio Lower Upper

152 100

150 156.4 123.8 185.6

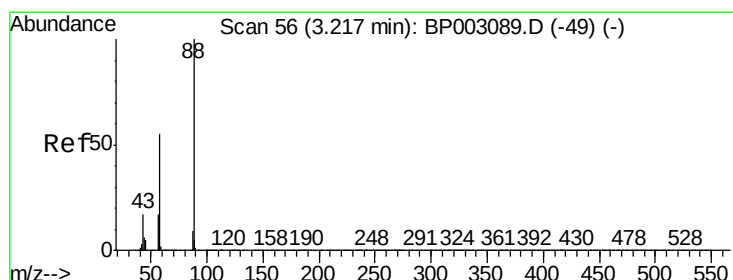
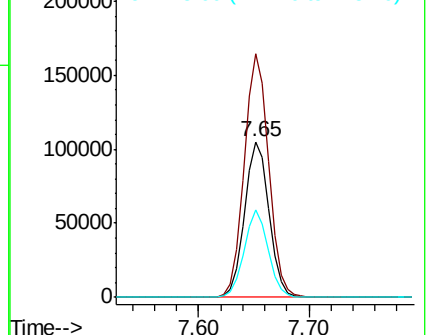
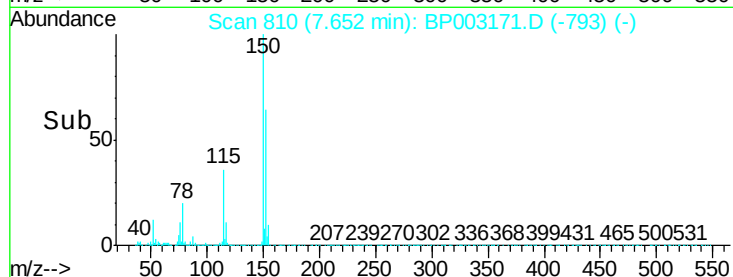
115 55.9 43.8 65.6



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



#2

1,4-Dioxane

Concen: 4.374 ng

RT: 2.93 min Scan# 8

Delta R.T. -0.26 min

Lab File: BP003171.D

Acq: 01 Sep 2020 17:33

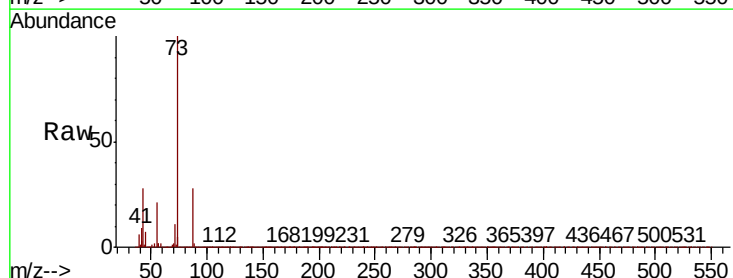
Tgt Ion: 88 Resp: 15501

Ion Ratio Lower Upper

88 100

58 22.0 44.2 66.4#

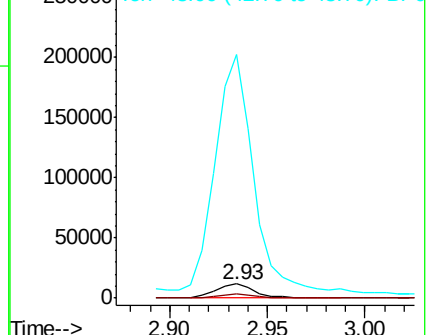
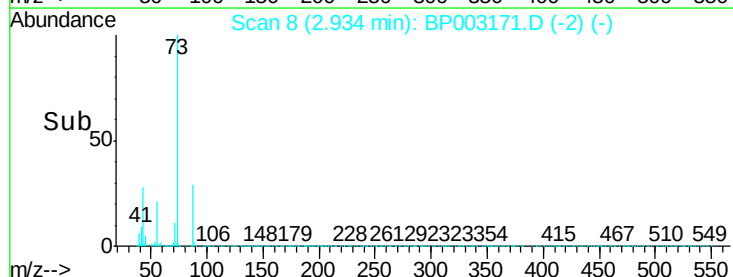
43 1765.3 15.2 22.8#

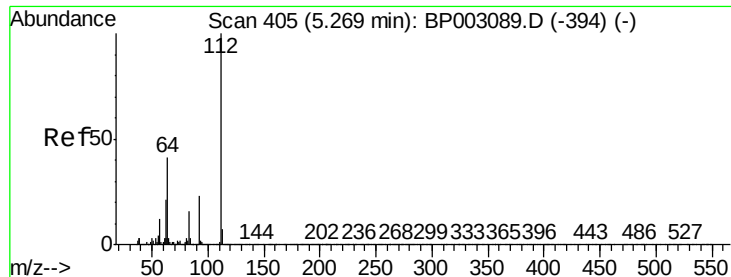


Abundance Ion 88.00 (87.70 to 88.70): BP0

Ion 58.00 (57.70 to 58.70): BP0

Ion 43.00 (42.70 to 43.70): BP0





#5

2-Fluorophenol

Concen: 106.193 ng

RT: 5.26 min Scan# 404

Delta R.T. -0.00 min

Lab File: BP003171.D

Acq: 01 Sep 2020 17:33

Instrument :

BNA_P

ClientSampleId :

238

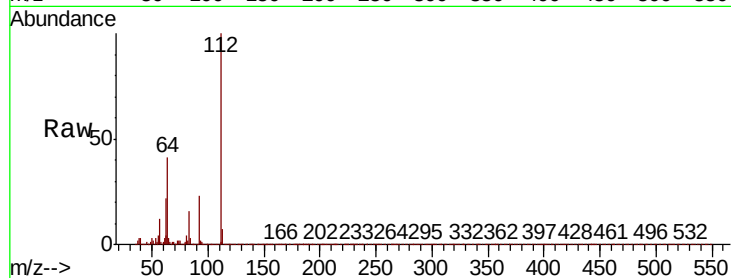
Tot Ion:112 Resp: 984382

Ion Ratio Lower Upper

112 100

64 41.0 32.8 49.2

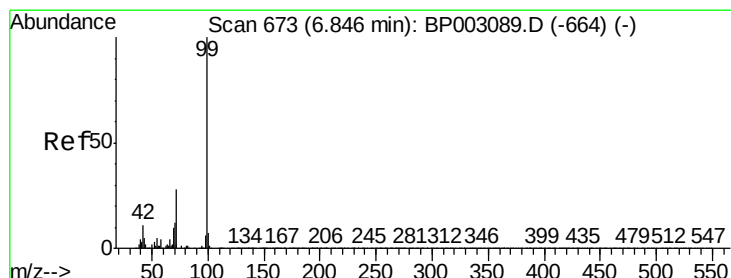
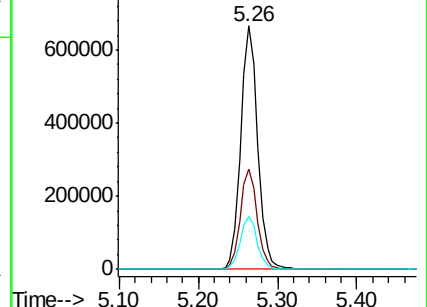
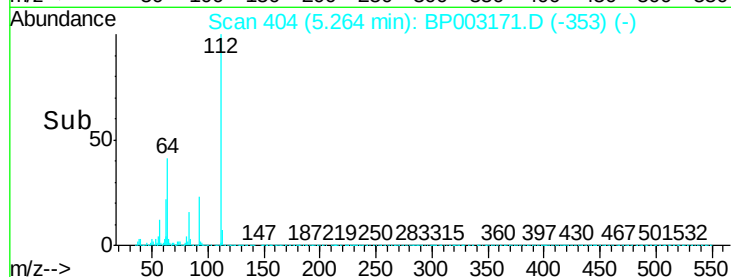
63 21.7 17.0 25.4



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0



#7

Phenol-d6

Concen: 88.604 ng

RT: 6.83 min Scan# 671

Delta R.T. -0.00 min

Lab File: BP003171.D

Acq: 01 Sep 2020 17:33

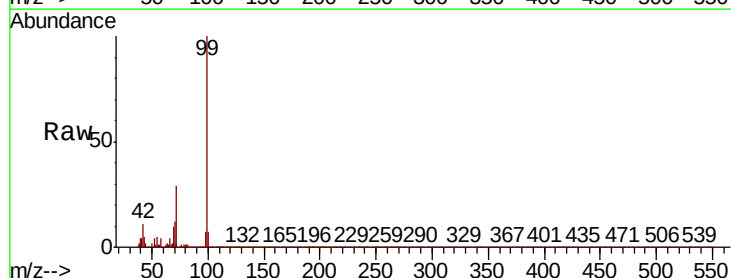
Tgt Ion: 99 Resp: 1029597

Ion Ratio Lower Upper

99 100

42 11.0 8.6 13.0

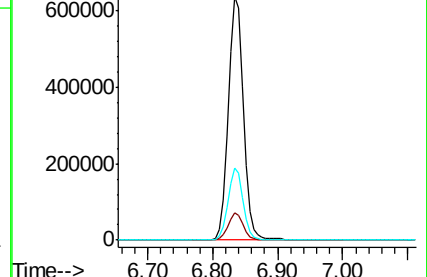
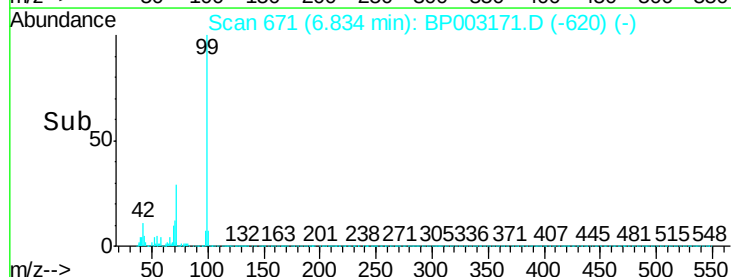
71 29.5 23.4 35.2

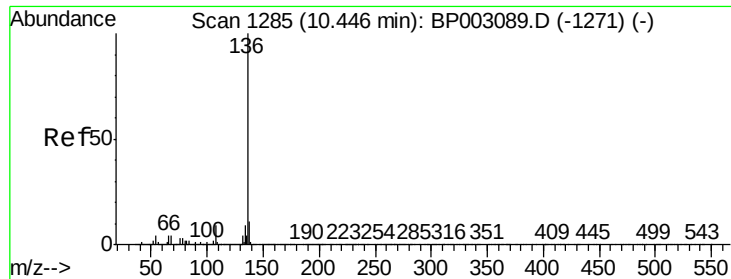


Abundance Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0

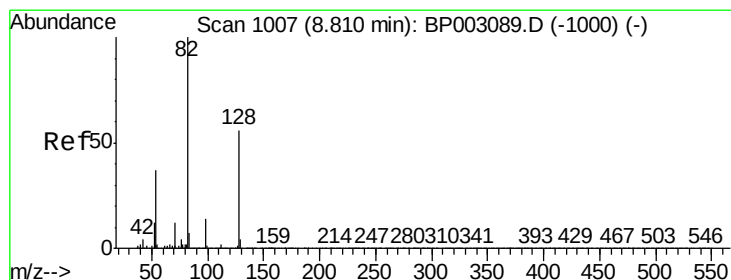
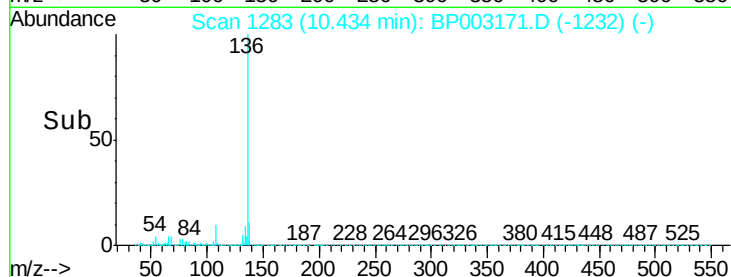
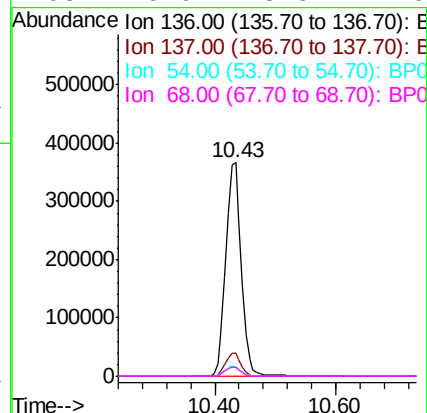
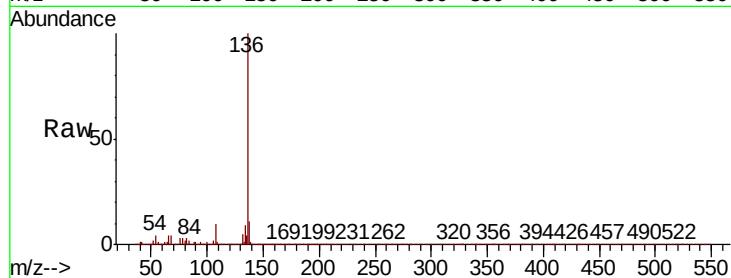




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.43 min Scan# 1283
Delta R.T. -0.00 min
Lab File: BP003171.D
Acq: 01 Sep 2020 17:33

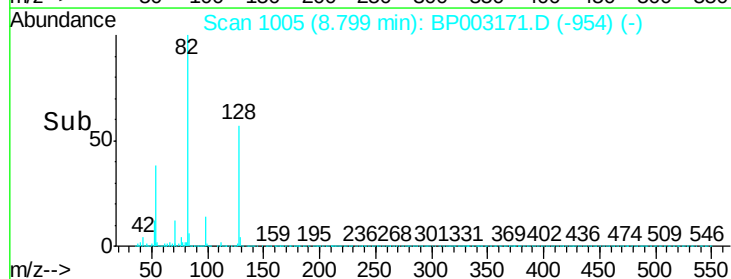
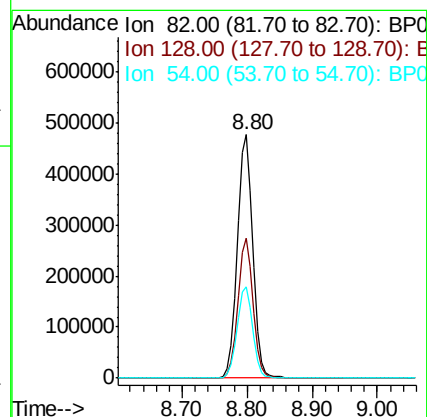
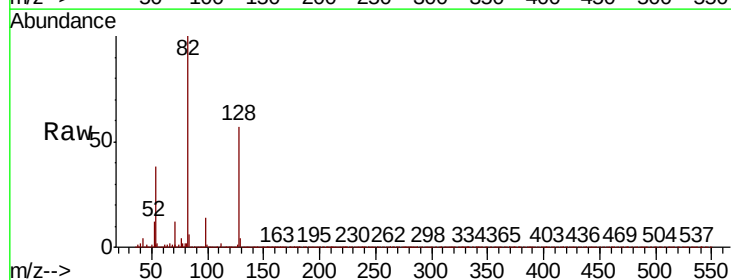
Instrument :
BNA_P
ClientSampled :
238

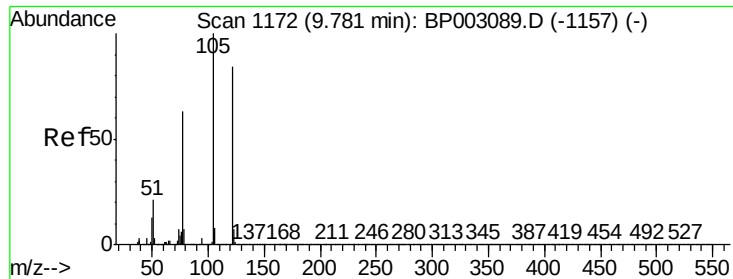
Tot Ion:136	Resp: 651679
Ion Ratio	Lower Upper
136 100	
137 10.6	8.6 13.0
54 4.5	3.6 5.4
68 3.9	3.3 4.9



#23
Nitrobenzene-d5
Concen: 86.763 ng
RT: 8.80 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BP003171.D
Acq: 01 Sep 2020 17:33

Tgt	Ion: 82	Resp:	784313
Ion	Ratio	Lower	Upper
82	100		
128	57.3	45.6	68.4
54	37.6	30.1	45.1

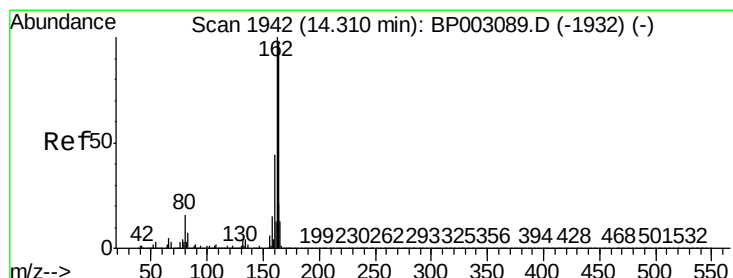
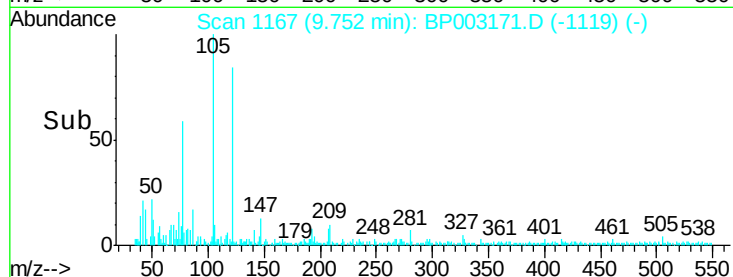
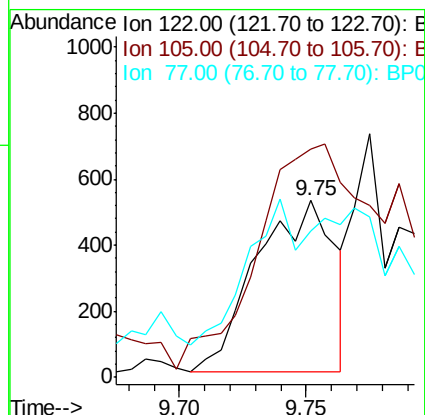
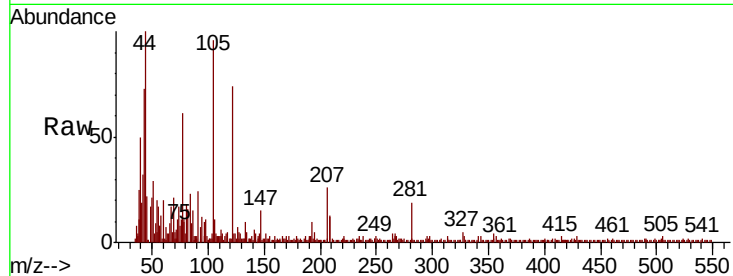




#32
Benzoic acid
Concen: 9.144 ng
RT: 9.75 min Scan# 1167
Delta R.T. -0.02 min
Lab File: BP003171.D
Acq: 01 Sep 2020 17:33

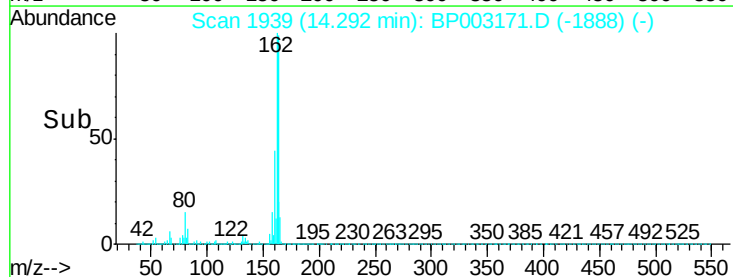
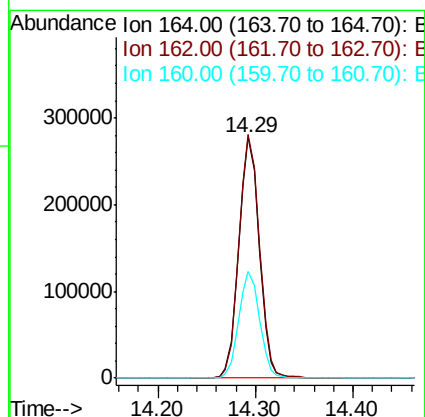
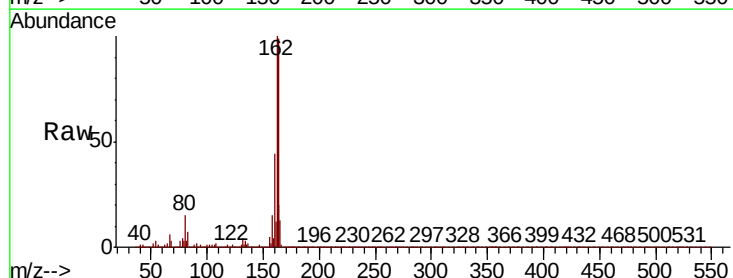
Instrument :
BNA_P
ClientSampled :
238

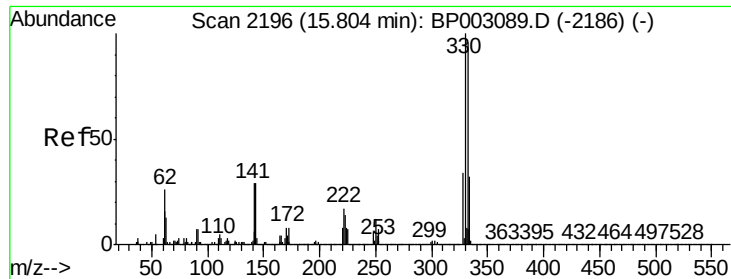
Tot Ion	Ratio	Lower	Upper
122	100		
105	129.3	94.1	134.1
77	83.0	50.1	90.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.29 min Scan# 1939
Delta R.T. -0.00 min
Lab File: BP003171.D
Acq: 01 Sep 2020 17:33

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.2	79.4	119.2
160	44.3	36.1	54.1

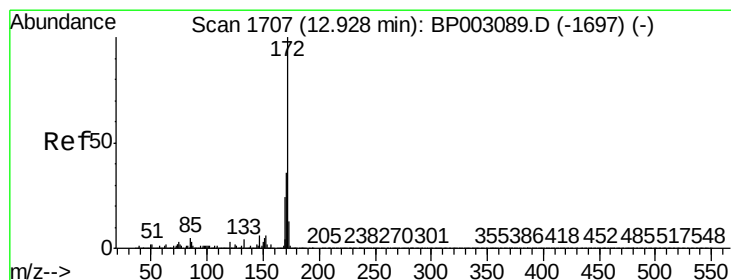
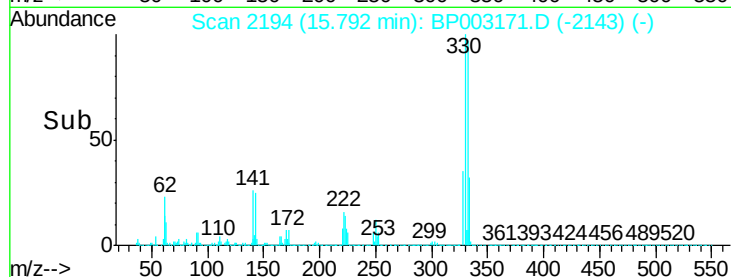
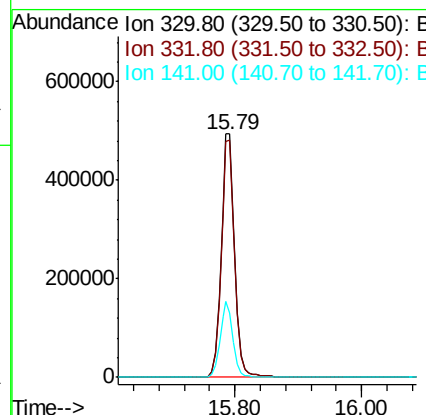
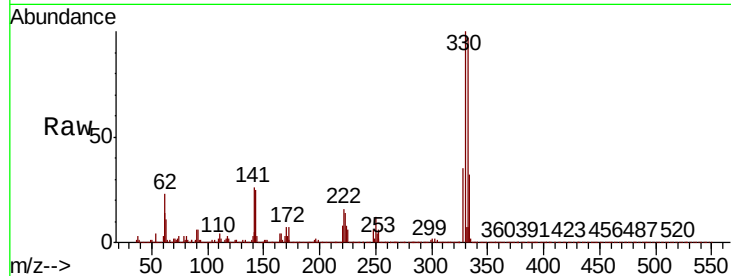




#42
 2,4,6-Tribromophenol
 Concen: 135.568 ng
 RT: 15.79 min Scan# 2194
 Delta R.T. -0.00 min
 Lab File: BP003171.D
 Acq: 01 Sep 2020 17:33

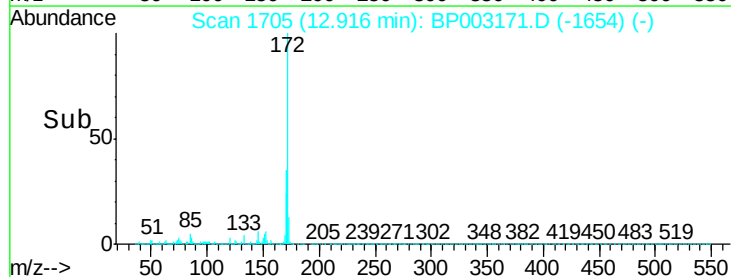
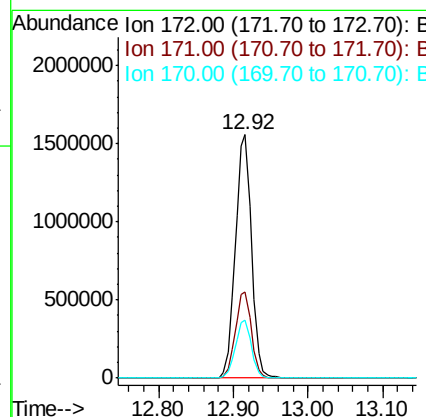
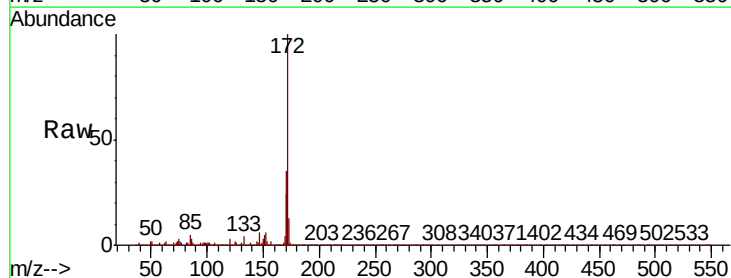
Instrument :
 BNA_P
 ClientSampleId :
 238

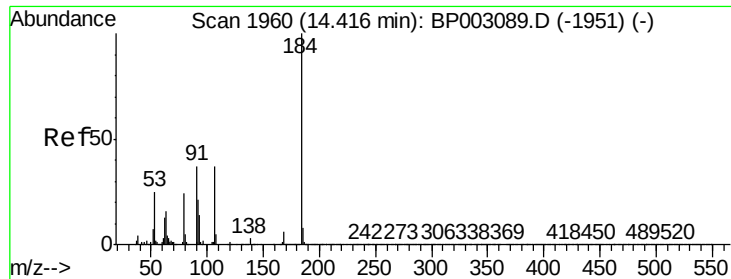
Tot Ion:330 Resp: 744798
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.1 115.7
 141 29.8 23.4 35.2



#45
 2-Fluorobiphenyl
 Concen: 85.310 ng
 RT: 12.92 min Scan# 1705
 Delta R.T. -0.00 min
 Lab File: BP003171.D
 Acq: 01 Sep 2020 17:33

Tgt Ion:172 Resp: 2366348
 Ion Ratio Lower Upper
 172 100
 171 35.4 28.5 42.7
 170 23.6 19.2 28.8

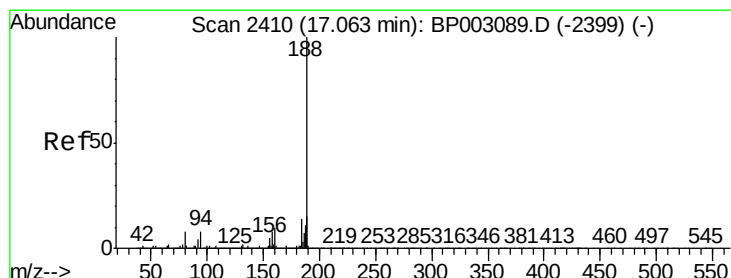
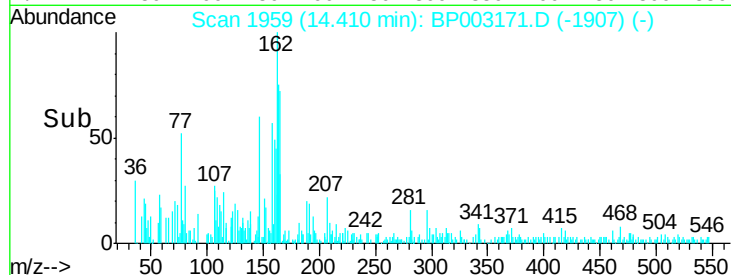
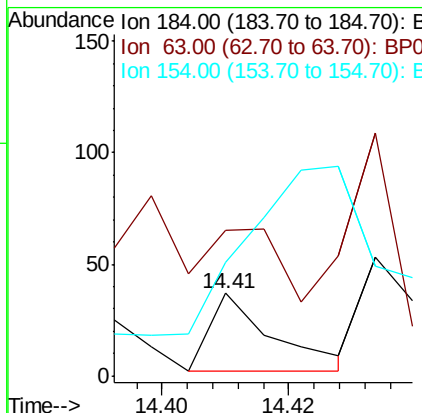
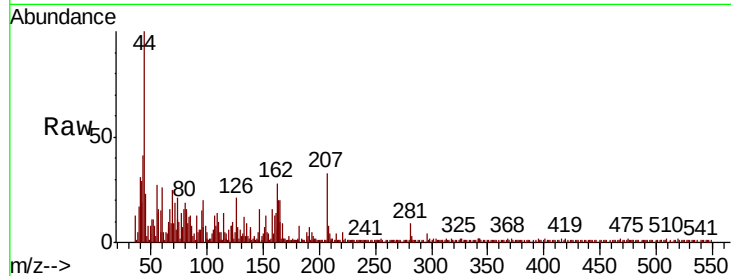




#54
 2,4-Dinitrophenol
 Concen: 7.761 ng
 RT: 14.41 min Scan# 1959
 Delta R.T. 0.01 min
 Lab File: BP003171.D
 Acq: 01 Sep 2020 17:33

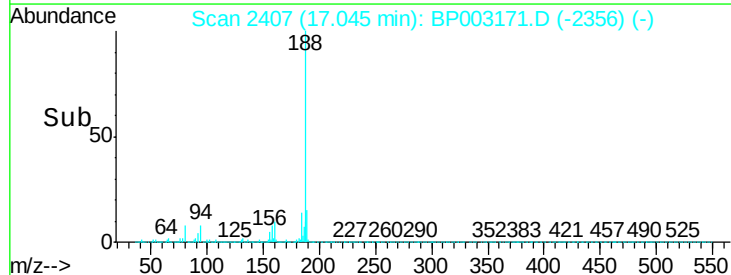
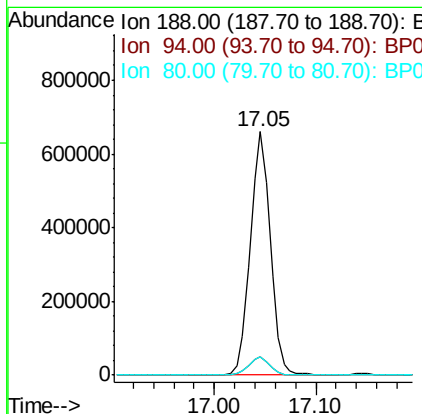
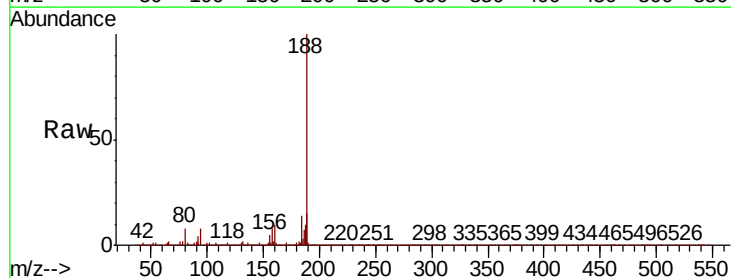
Instrument :
 BNA_P
 ClientSampled :
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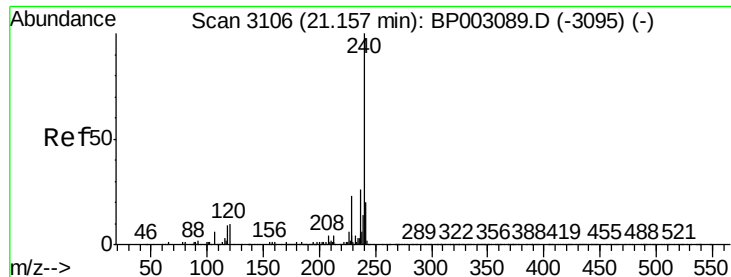
Tot Ion:184 Resp: 24
 Ion Ratio Lower Upper
 184 100
 63 175.7 32.3 48.5#
 154 137.8 49.1 73.7#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.05 min Scan# 2407
 Delta R.T. -0.00 min
 Lab File: BP003171.D
 Acq: 01 Sep 2020 17:33

Tgt Ion:188 Resp: 909698
 Ion Ratio Lower Upper
 188 100
 94 7.6 6.2 9.2
 80 7.8 6.2 9.2

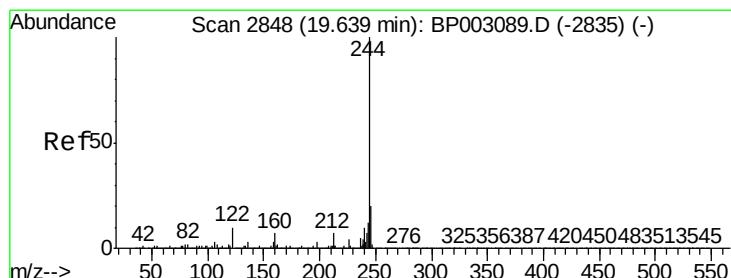
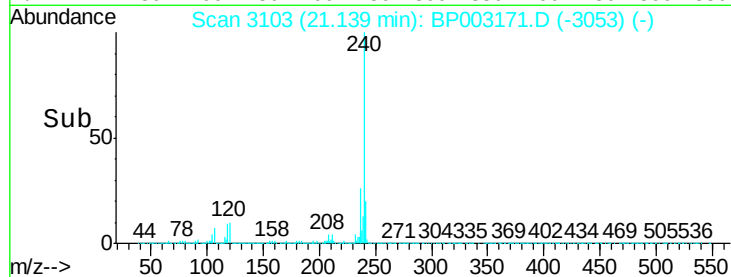
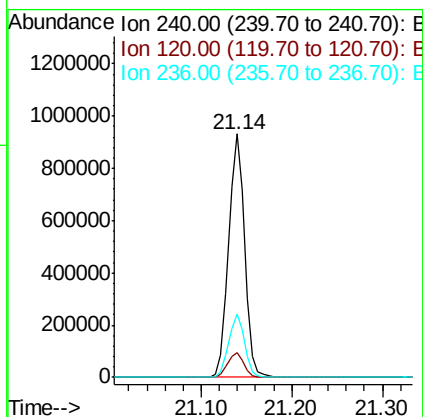
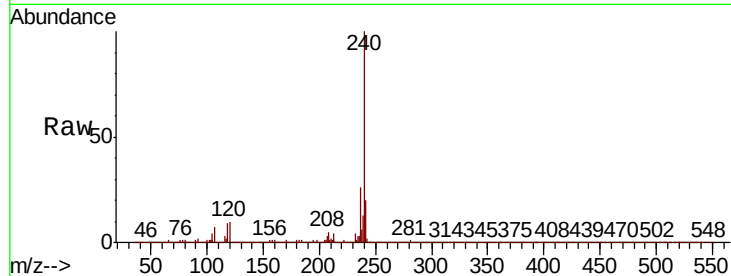




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.14 min Scan# 3103
Delta R.T. -0.01 min
Lab File: BP003171.D
Acq: 01 Sep 2020 17:33

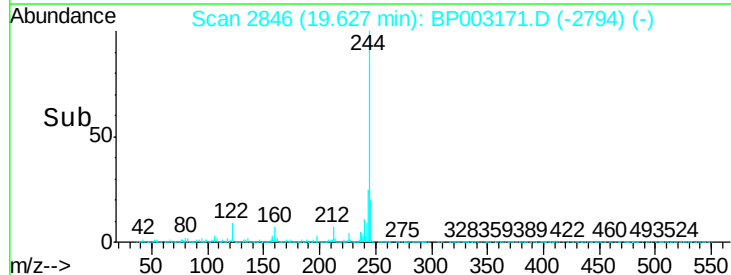
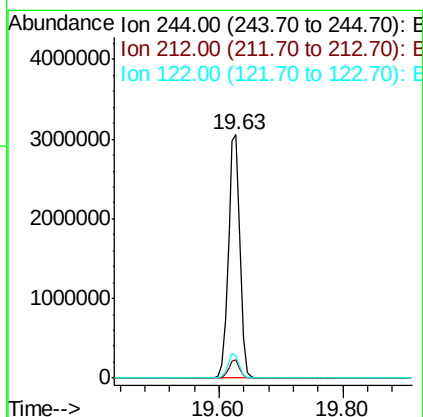
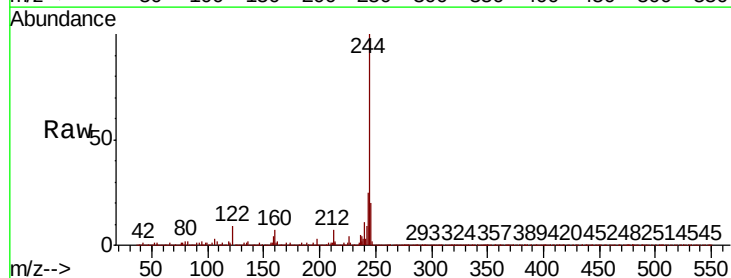
Instrument :
BNA_P
ClientSampleId :
238

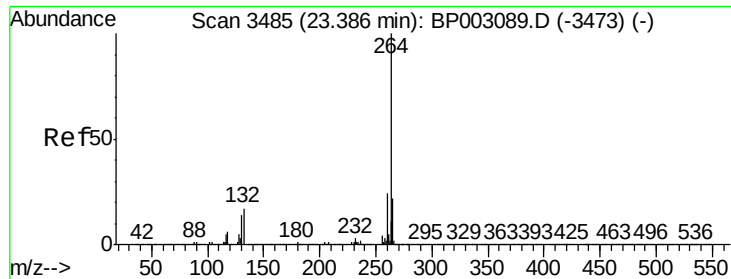
Tot Ion:240 Resp: 1143299
Ion Ratio Lower Upper
240 100
120 10.3 7.8 11.6
236 25.9 20.8 31.2



#79
Terphenyl-d14
Concen: 76.541 ng
RT: 19.63 min Scan# 2846
Delta R.T. 0.01 min
Lab File: BP003171.D
Acq: 01 Sep 2020 17:33

Tgt Ion:244 Resp: 3976908
Ion Ratio Lower Upper
244 100
212 7.5 5.8 8.6
122 9.2 7.8 11.8





#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.37 min Scan# 3482
Delta R.T. -0.00 min
Lab File: BP003171.D
Acq: 01 Sep 2020 17:33

Instrument :
BNA_P
ClientSampleId :
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Tot Ion:264 Resp: 1394223

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.8	28.2
265	21.7	17.4	26.2

