

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090120\
 Data File : BP003173.D
 Acq On : 01 Sep 2020 18:41
 Operator : CG/JU
 Sample : L3851-12
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 24743

Quant Time: Sep 02 00:49:57 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

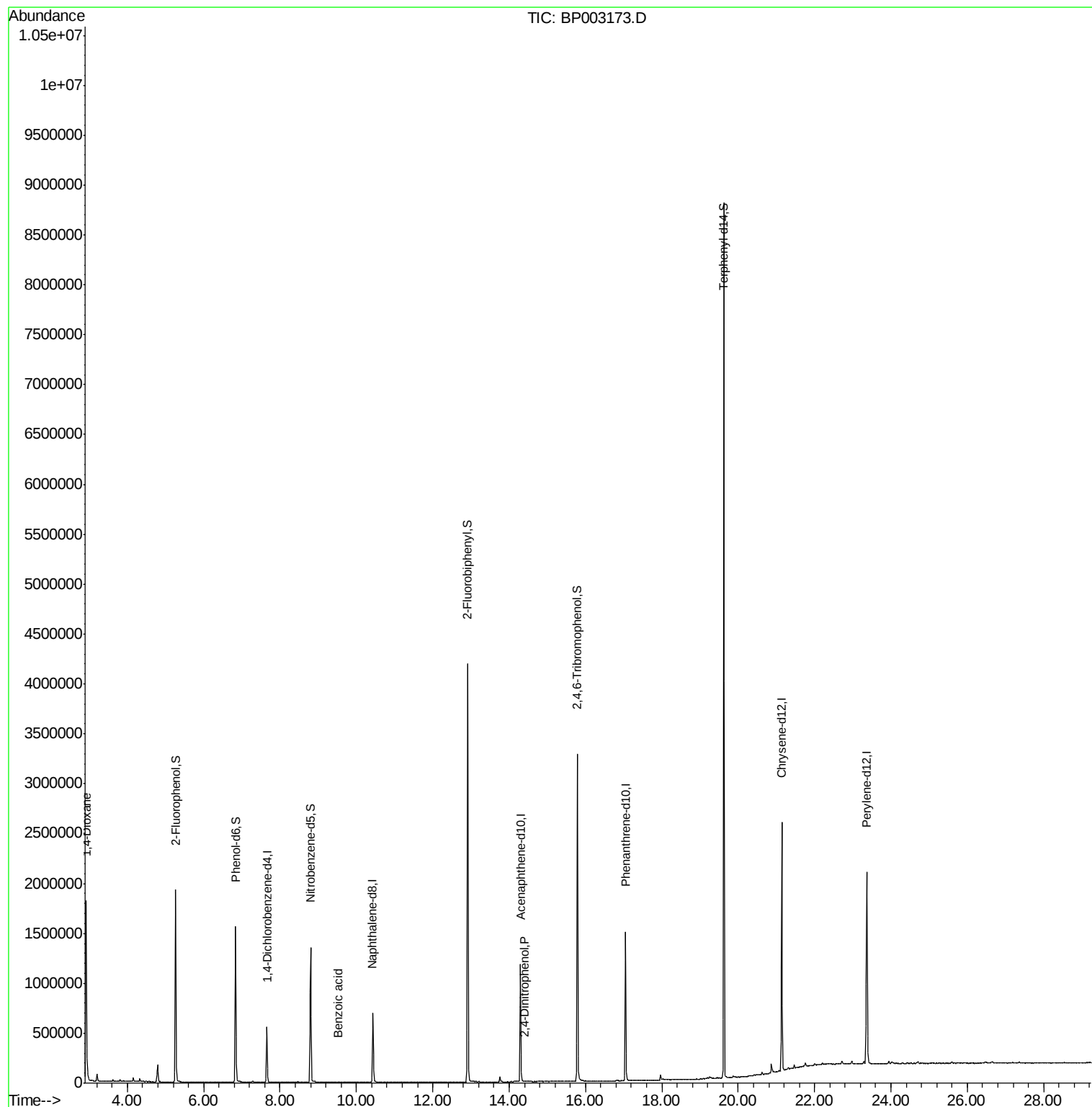
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	165875	20.00	ng	0.00
21) Naphthalene-d8	10.43	136	663972	20.00	ng	0.00
39) Acenaphthene-d10	14.29	164	416453	20.00	ng	0.00
64) Phenanthrene-d10	17.05	188	929463	20.00	ng	0.00
76) Chrysene-d12	21.14	240	1154159	20.00	ng	0.00
86) Perylene-d12	23.37	264	1404794	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	1013799	108.06	ng	0.00
7) Phenol-d6	6.83	99	1067235	90.74	ng	0.00
23) Nitrobenzene-d5	8.80	82	808993	87.84	ng	0.00
42) 2,4,6-Tribromophenol	15.79	330	739190	131.24	ng	0.00
45) 2-Fluorobiphenyl	12.91	172	2389105	84.01	ng	0.00
79) Terphenyl-d14	19.62	244	3889439	74.15	ng	0.00
Target Compounds						
2) 1,4-Dioxane	2.92	88	14992	4.180	ng	Qvalue # 1
32) Benzoic acid	9.53	122	71	9.006	ng	81
54) 2,4-Dinitrophenol	14.42	184	16	7.759	ng	# 1

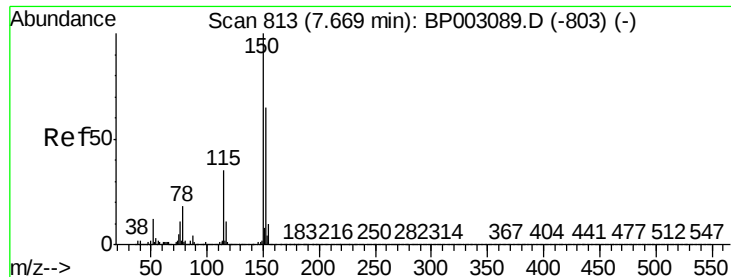
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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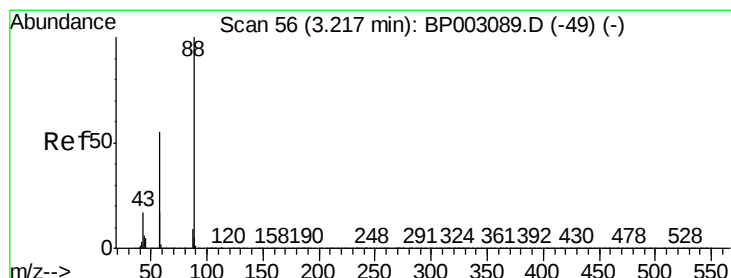
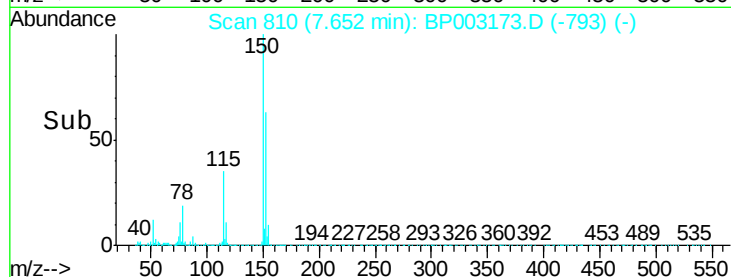
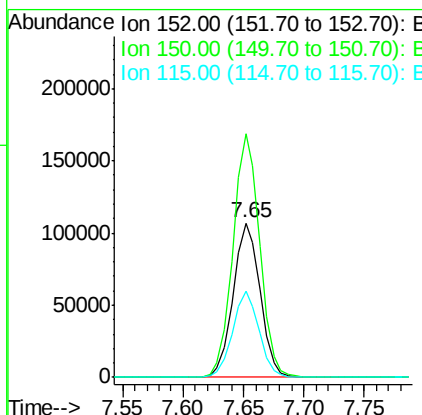
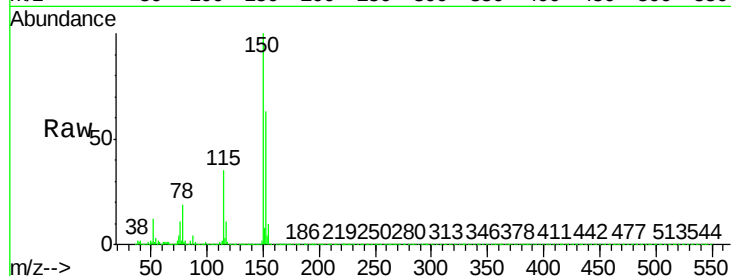


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.65 min Scan# 810
Delta R.T. -0.00 min
Lab File: BP003173.D
Acq: 01 Sep 2020 18:41

Instrument :
BNA_P
ClientSampleId :
24743

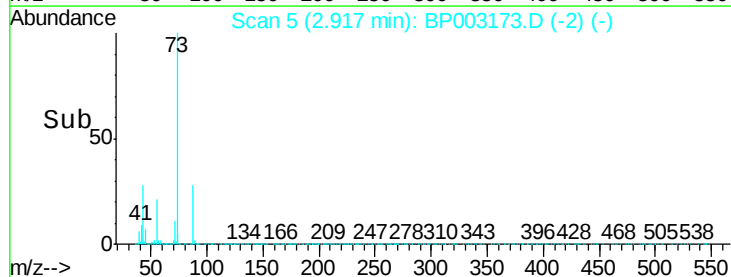
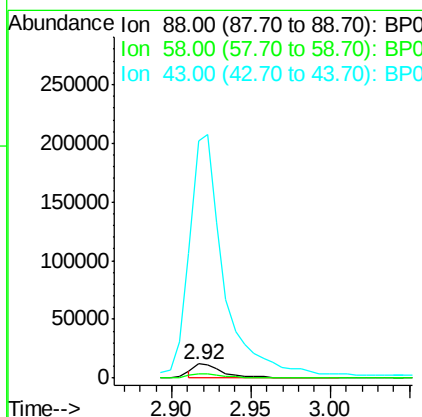
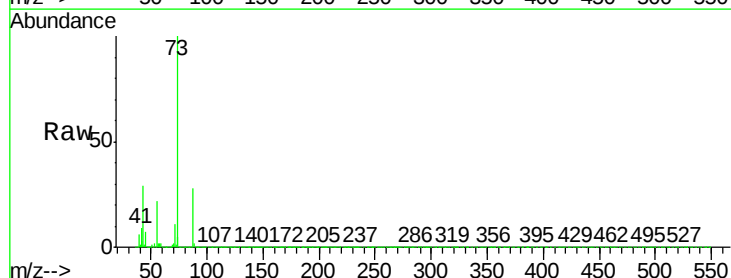
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.8	123.8	185.6
115	55.9	43.8	65.6

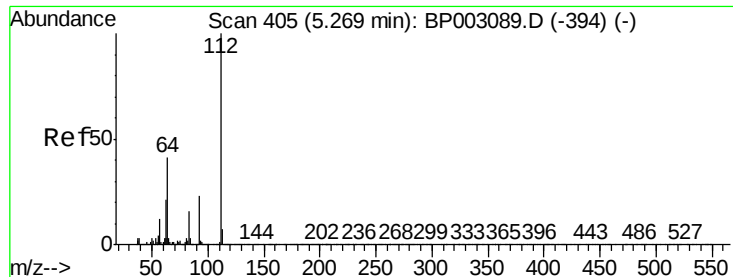


#2

1,4-Dioxane
Concen: 4.180 ng
RT: 2.92 min Scan# 5
Delta R.T. -0.28 min
Lab File: BP003173.D
Acq: 01 Sep 2020 18:41

Tgt Ion	Ratio	Lower	Upper
88	100		
58	22.4	44.2	66.4#
43	1736.6	15.2	22.8#





#5

2-Fluorophenol

Concen: 108.059 ng

RT: 5.26 min Scan# 404

Delta R.T. -0.00 min

Lab File: BP003173.D

Acq: 01 Sep 2020 18:41

Instrument :

BNA_P

ClientSampleId :

24743

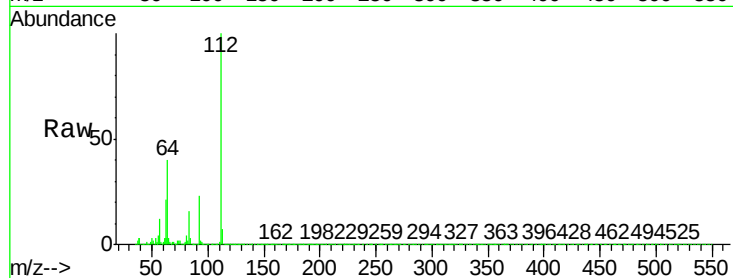
Tot Ion:112 Resp: 1013799

Ion Ratio Lower Upper

112 100

64 40.5 32.8 49.2

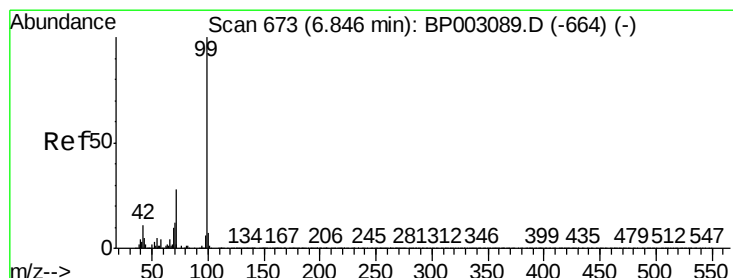
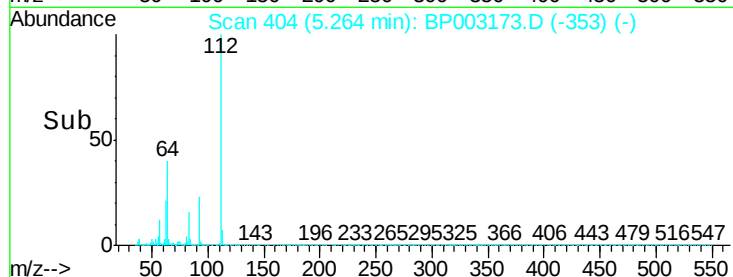
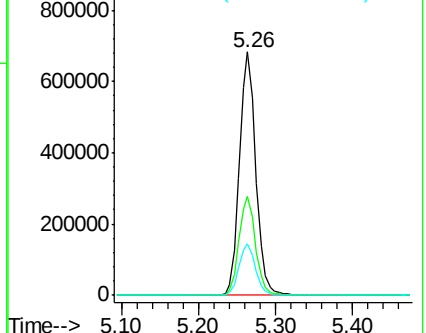
63 21.4 17.0 25.4



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: 90.744 ng

RT: 6.83 min Scan# 671

Delta R.T. -0.00 min

Lab File: BP003173.D

Acq: 01 Sep 2020 18:41

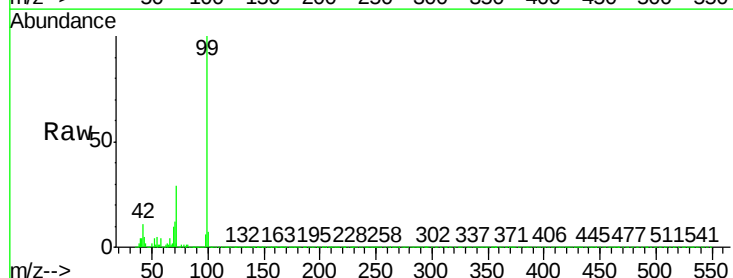
Tgt Ion: 99 Resp: 1067235

Ion Ratio Lower Upper

99 100

42 10.8 8.6 13.0

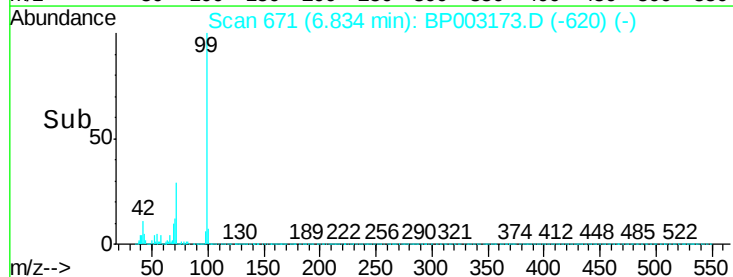
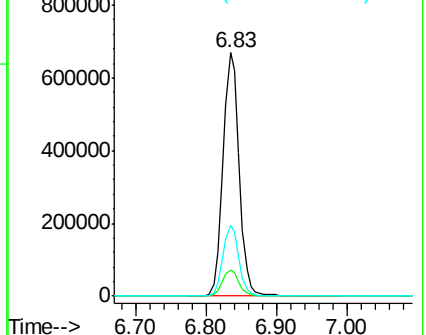
71 29.3 23.4 35.2

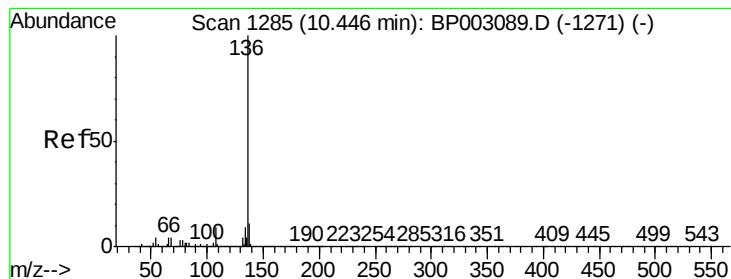


Abundance Ion 99.00 (98.70 to 99.70): BP0

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# 1282

Delta R.T. -0.01 min

Lab File: BP003173.D

Acq: 01 Sep 2020 18:41

Instrument :

BNA_P

ClientSampleId :

24743

Tot Ion:136 Resp: 663972

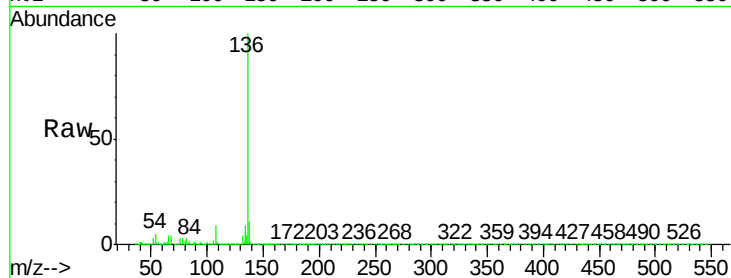
Ion Ratio Lower Upper

136 100

137 10.9 8.6 13.0

54 4.5 3.6 5.4

68 4.1 3.3 4.9



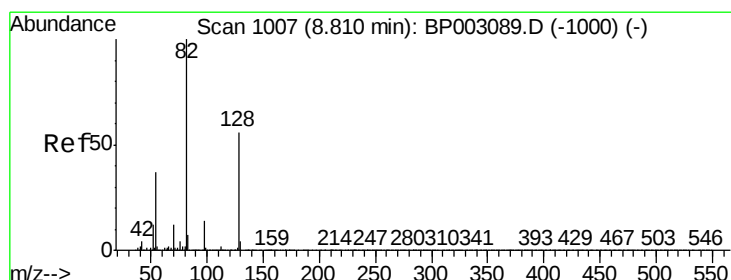
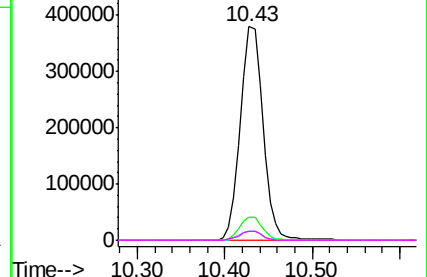
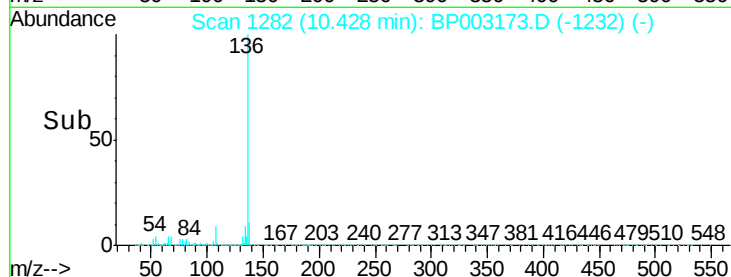
Abundance Ion 136.00 (135.70 to 136.70): E

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

Time-->



#23

Nitrobenzene-d5

Concen: 87.836 ng

RT: 8.80 min Scan# 1005

Delta R.T. -0.00 min

Lab File: BP003173.D

Acq: 01 Sep 2020 18:41

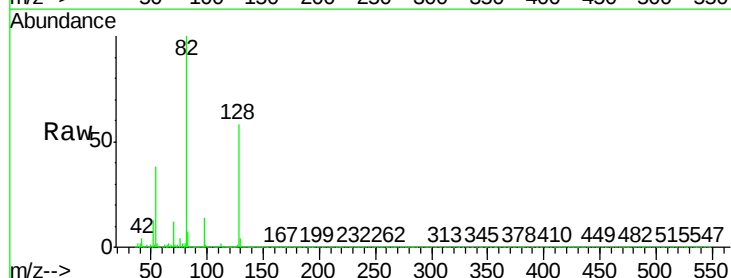
Tgt Ion: 82 Resp: 808993

Ion Ratio Lower Upper

82 100

128 57.7 45.6 68.4

54 38.2 30.1 45.1

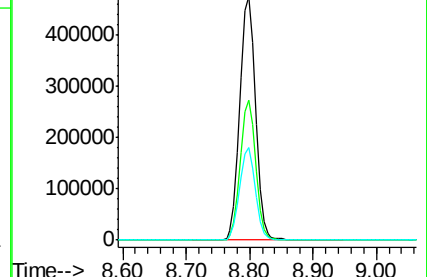
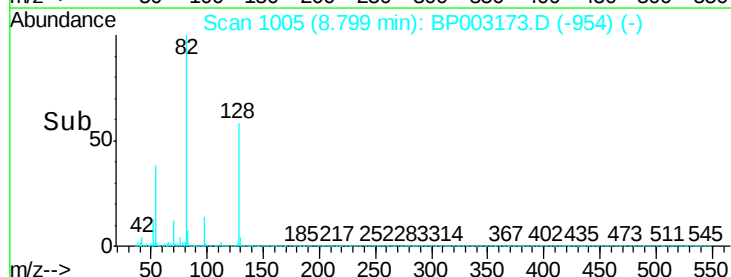


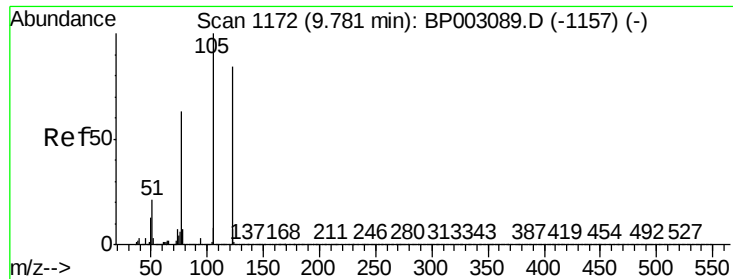
Abundance Ion 82.00 (81.70 to 82.70): BP0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BP0

Time-->

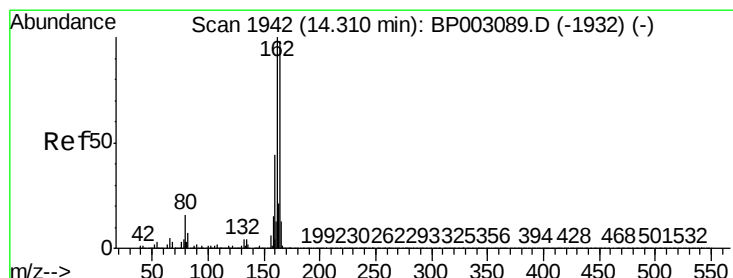
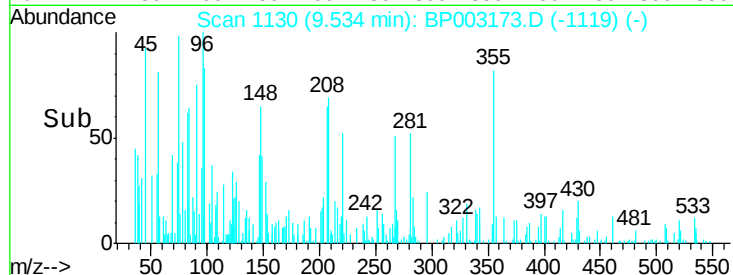
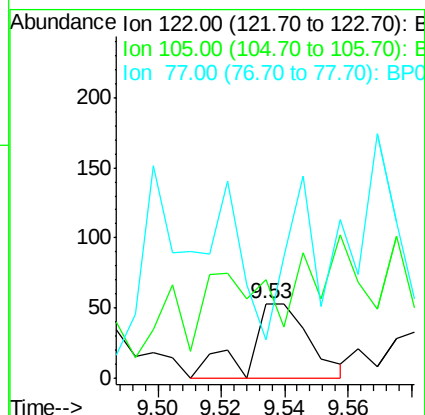
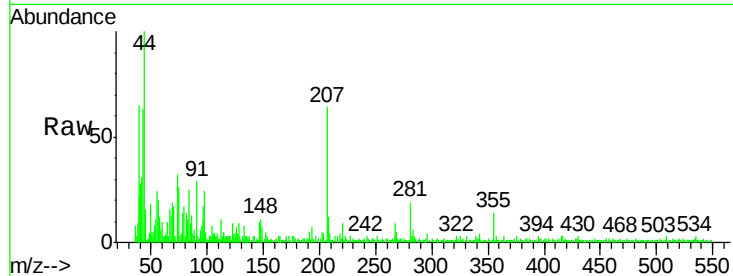




#32
Benzoic acid
Concen: 9.006 ng
RT: 9.53 min Scan# 1130
Delta R.T. -0.24 min
Lab File: BP003173.D
Acq: 01 Sep 2020 18:41

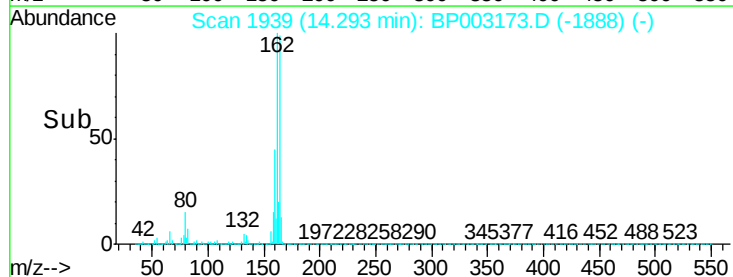
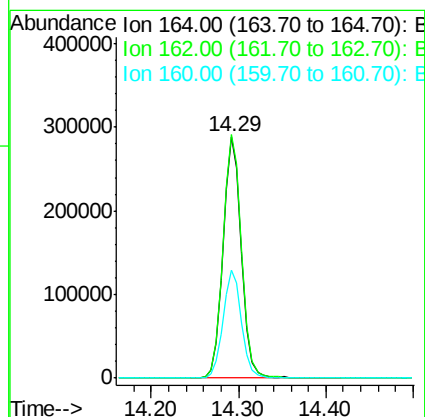
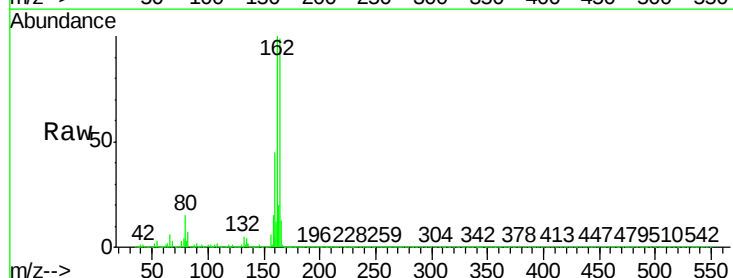
Instrument :
BNA_P
ClientSampled :
24743

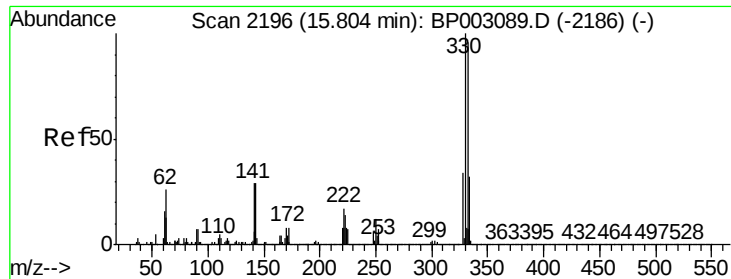
Tot Ion:122 Resp: 71
Ion Ratio Lower Upper
122 100
105 132.1 94.1 134.1
77 50.9 50.1 90.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.29 min Scan# 1939
Delta R.T. -0.00 min
Lab File: BP003173.D
Acq: 01 Sep 2020 18:41

Tgt Ion:164 Resp: 416453
Ion Ratio Lower Upper
164 100
162 100.9 79.4 119.2
160 44.9 36.1 54.1

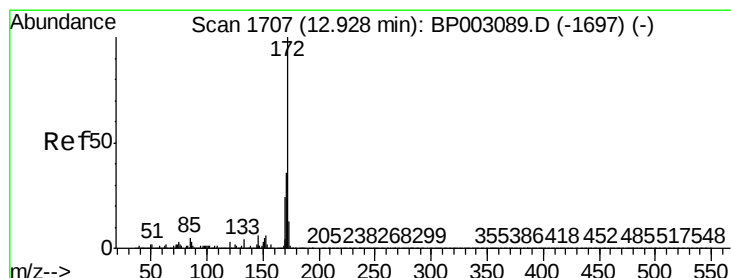
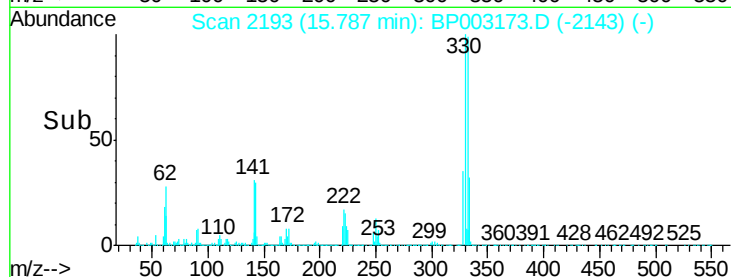
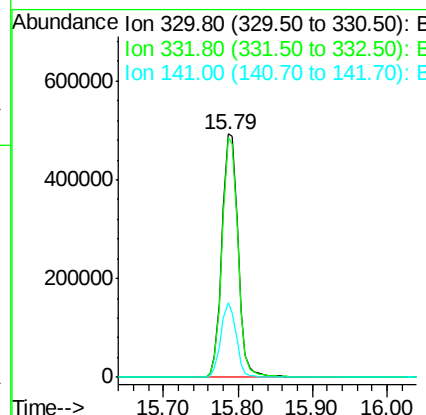
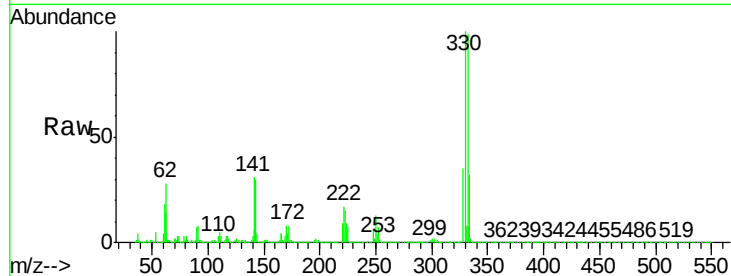




#42
2,4,6-Tribromophenol
Concen: 131.238 ng
RT: 15.79 min Scan# 2193
Delta R.T. -0.01 min
Lab File: BP003173.D
Acq: 01 Sep 2020 18:41

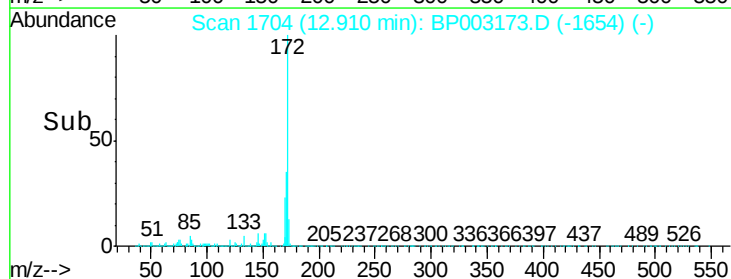
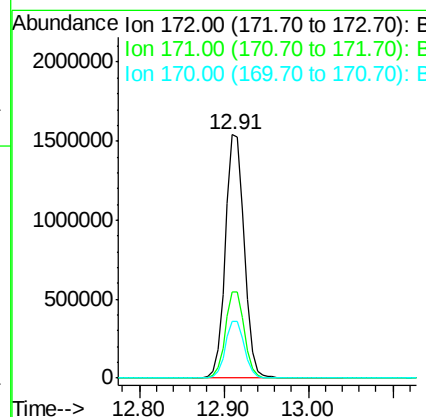
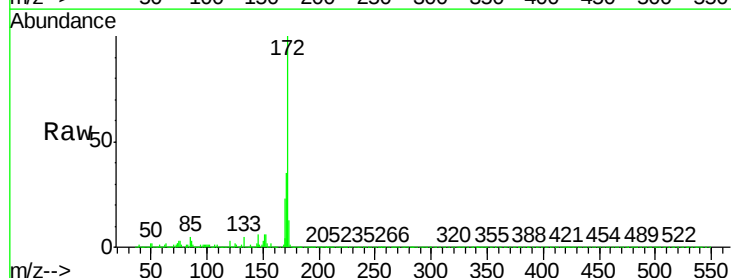
Instrument :
BNA_P
ClientSampleId :
24743

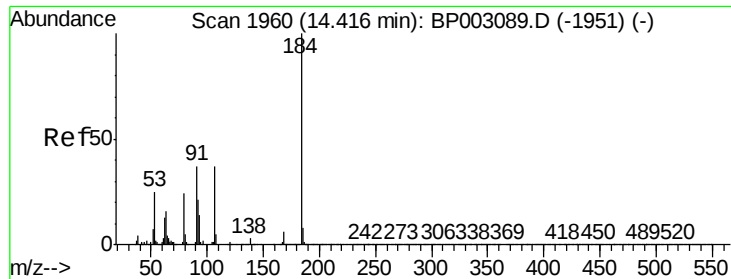
Tot Ion:330 Resp: 739190
Ion Ratio Lower Upper
330 100
332 97.0 77.1 115.7
141 29.6 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 84.013 ng
RT: 12.91 min Scan# 1704
Delta R.T. -0.01 min
Lab File: BP003173.D
Acq: 01 Sep 2020 18:41

Tgt Ion:172 Resp: 2389105
Ion Ratio Lower Upper
172 100
171 35.4 28.5 42.7
170 23.3 19.2 28.8

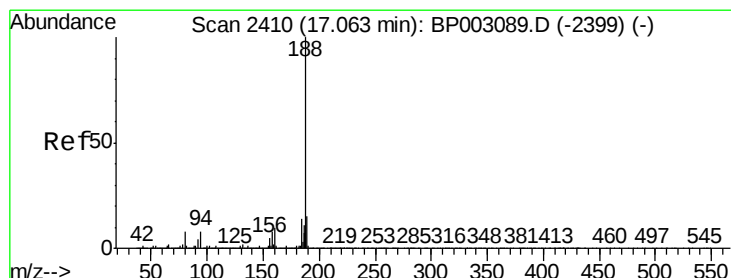
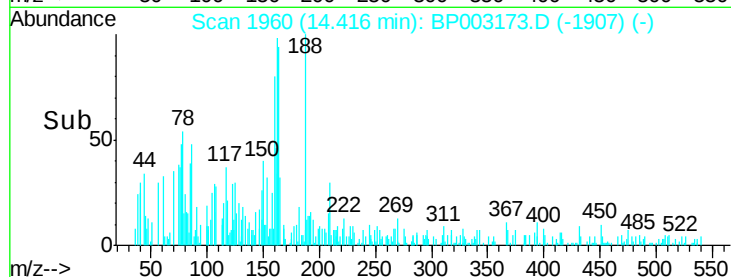
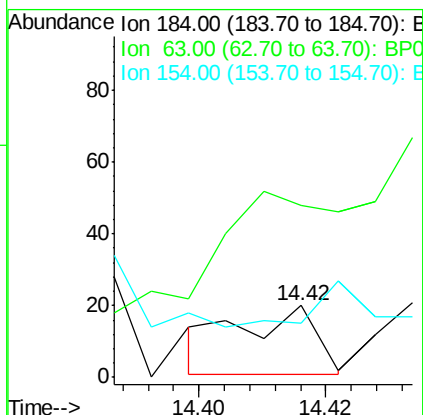
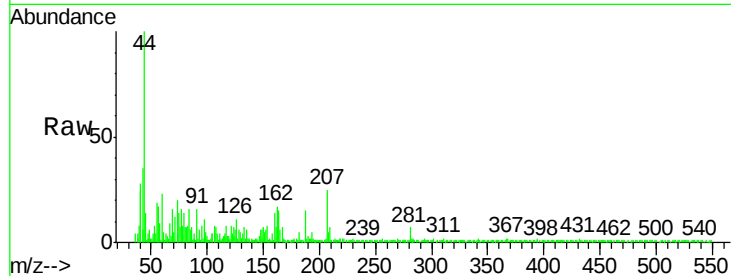




#54
 2,4-Dinitrophenol
 Concen: 7.759 ng
 RT: 14.42 min Scan# 1960
 Delta R.T. 0.01 min
 Lab File: BP003173.D
 Acq: 01 Sep 2020 18:41

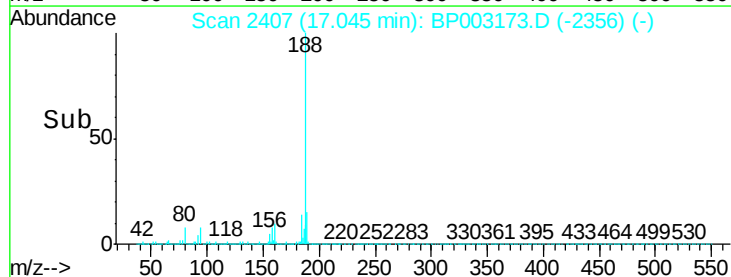
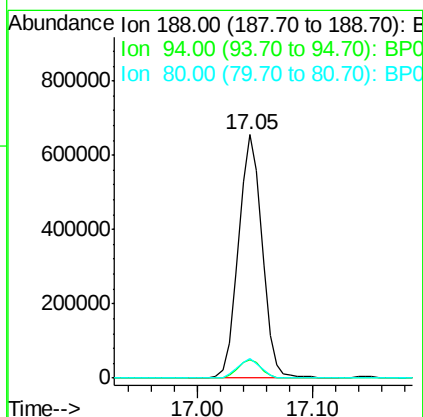
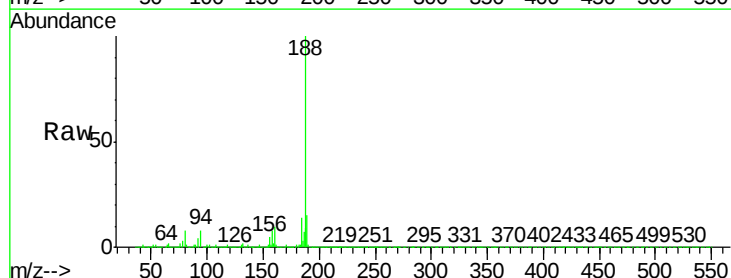
Instrument :
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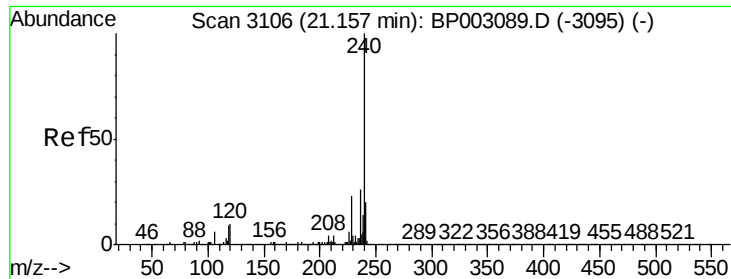
Tot Ion:184 Resp: 16
 Ion Ratio Lower Upper
 184 100
 63 240.0 32.3 48.5#
 154 75.0 49.1 73.7#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.05 min Scan# 2407
 Delta R.T. -0.00 min
 Lab File: BP003173.D
 Acq: 01 Sep 2020 18:41

Tgt Ion:188 Resp: 929463
 Ion Ratio Lower Upper
 188 100
 94 7.7 6.2 9.2
 80 7.9 6.2 9.2

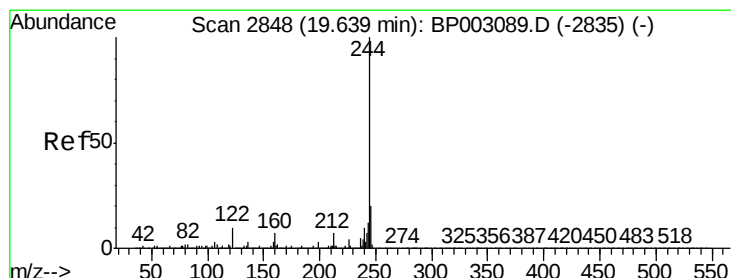
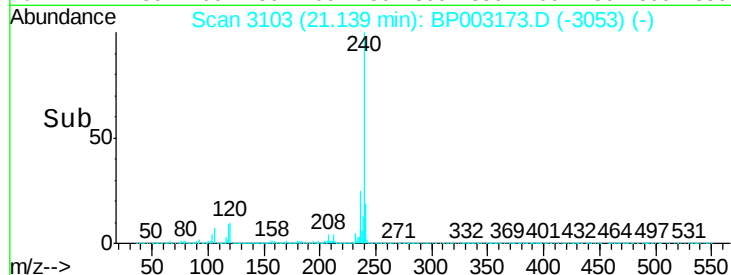
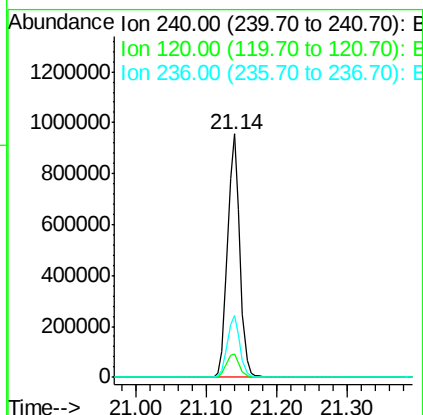
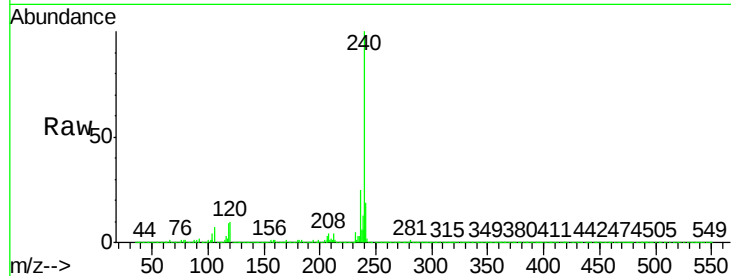




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.14 min Scan# 3103
Delta R.T. -0.01 min
Lab File: BP003173.D
Acq: 01 Sep 2020 18:41

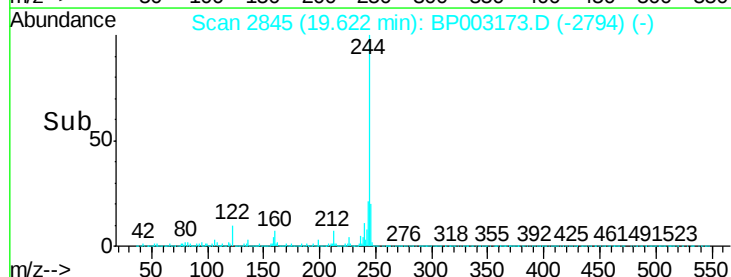
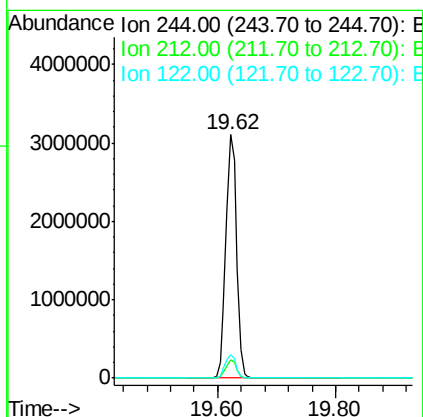
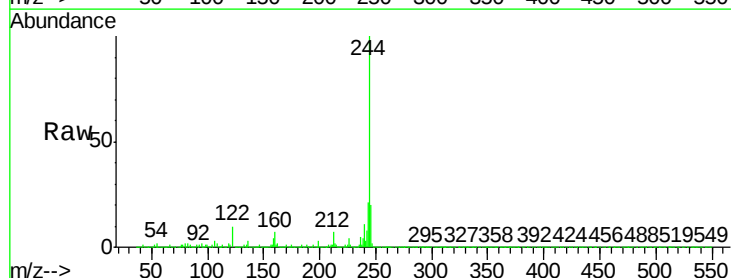
Instrument :
BNA_P
ClientSampleId :
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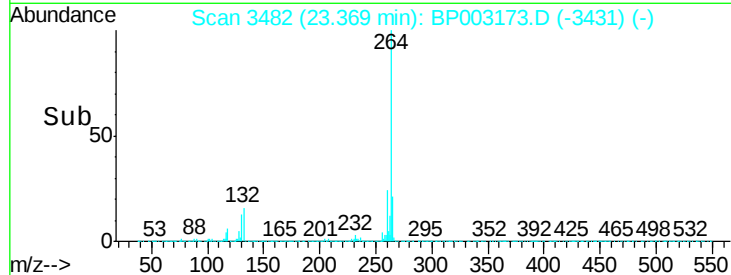
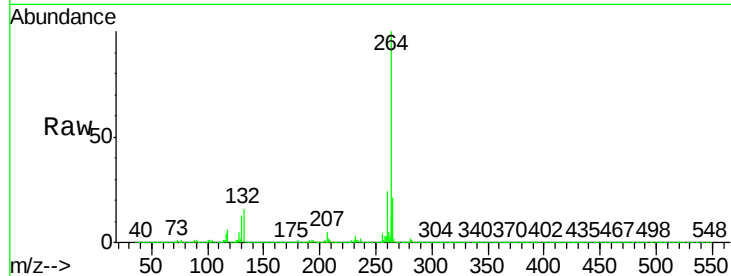
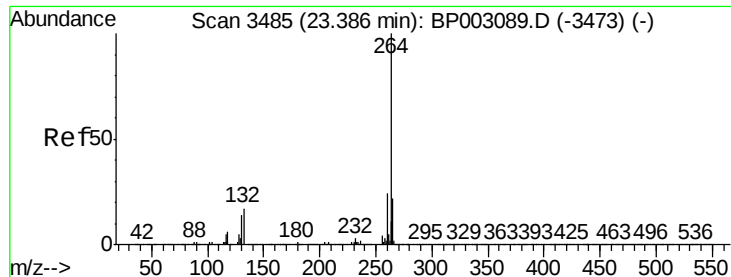
Tot Ion:240 Resp: 1154159
Ion Ratio Lower Upper
240 100
120 9.8 7.8 11.6
236 25.5 20.8 31.2



#79
Terphenyl-d14
Concen: 74.153 ng
RT: 19.62 min Scan# 2845
Delta R.T. -0.00 min
Lab File: BP003173.D
Acq: 01 Sep 2020 18:41

Tgt Ion:244 Resp: 3889439
Ion Ratio Lower Upper
244 100
212 7.4 5.8 8.6
122 9.8 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: BP003173.D
Acq: 01 Sep 2020 18:41

Instrument :
BNA_P
ClientSampleId :
24743

Tot Ion:264 Resp: 1404794

Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.8	28.2
265	21.5	17.4	26.2

