

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090120\
 Data File : BP003164.D
 Acq On : 01 Sep 2020 13:26
 Operator : CG/JU
 Sample : PB131322BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB131322BL

Quant Time: Sep 01 14:45:15 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

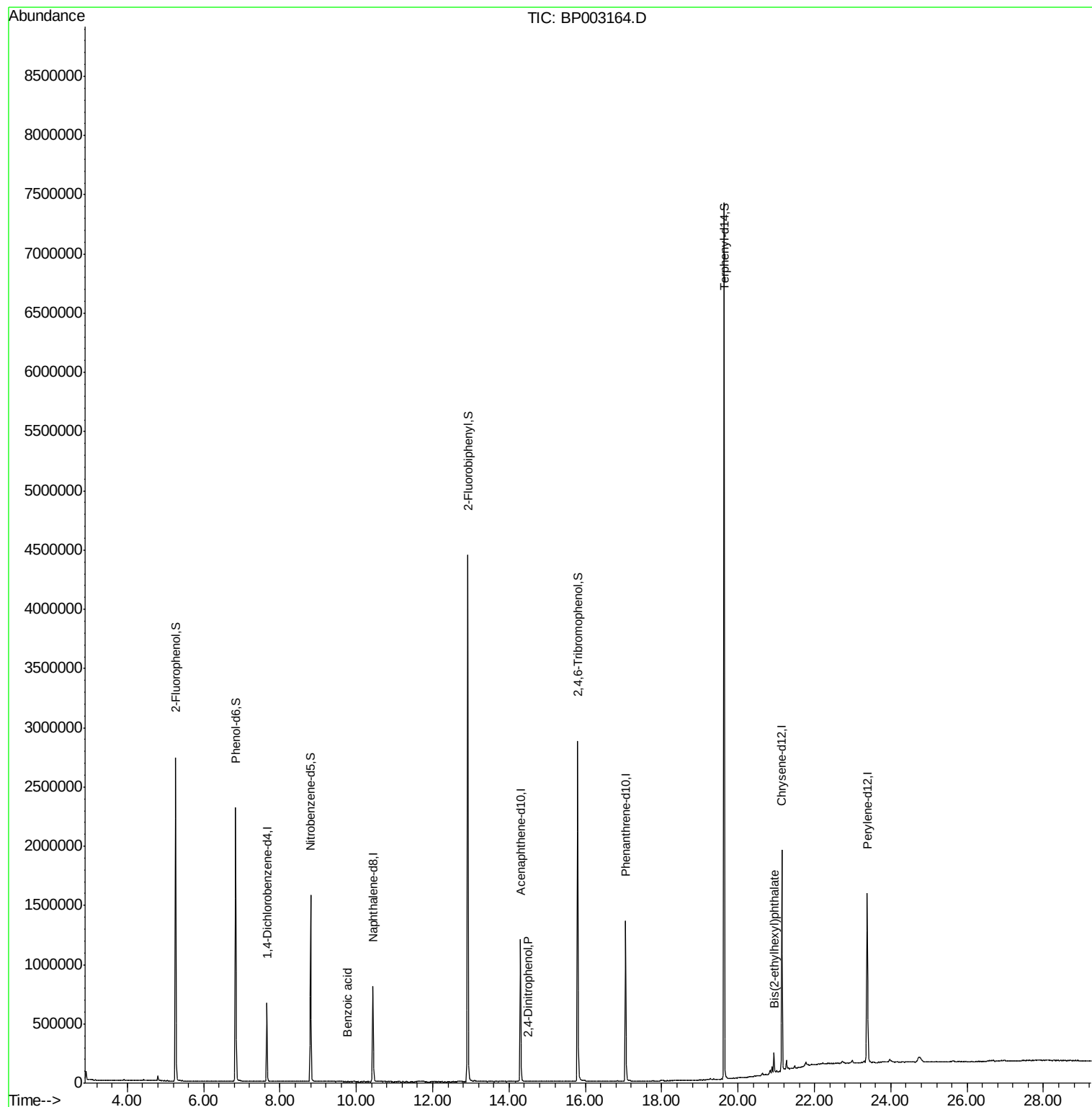
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	204339	20.00	ng	0.00
21) Naphthalene-d8	10.43	136	772897	20.00	ng	0.00
39) Acenaphthene-d10	14.30	164	433913	20.00	ng	0.00
64) Phenanthrene-d10	17.05	188	880023	20.00	ng	0.00
76) Chrysene-d12	21.14	240	911600	20.00	ng	0.00
86) Perylene-d12	23.39	264	1063408	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	1390687	120.33	ng	0.00
7) Phenol-d6	6.84	99	1583153	109.27	ng	0.00
23) Nitrobenzene-d5	8.80	82	929645	86.71	ng	0.00
42) 2,4,6-Tribromophenol	15.80	330	663230	113.01	ng	0.00
45) 2-Fluorobiphenyl	12.92	172	2607465	88.00	ng	0.00
79) Terphenyl-d14	19.63	244	3318013	80.09	ng	0.01
Target Compounds						
32) Benzoic acid	9.76	122	20	8.999	ng	# 1
54) 2,4-Dinitrophenol	14.49	184	28	7.762	ng	98
84) Bis(2-ethylhexyl)phthalate	20.94	149	75156	2.136	ng	# 53

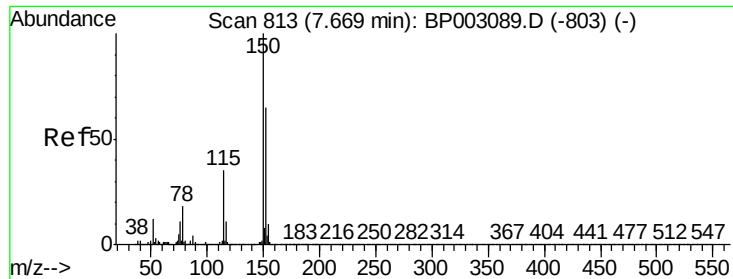
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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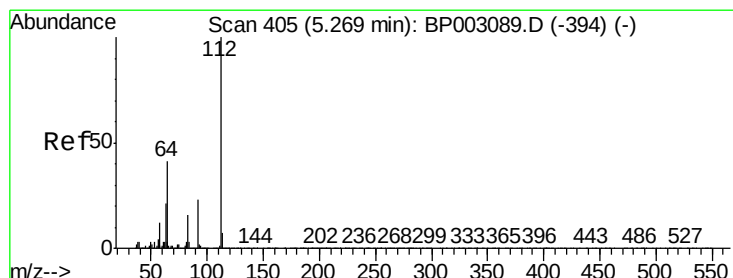
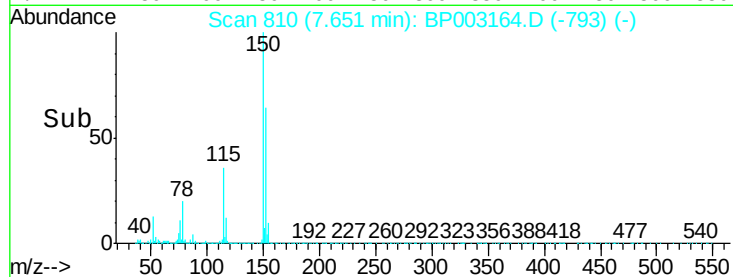
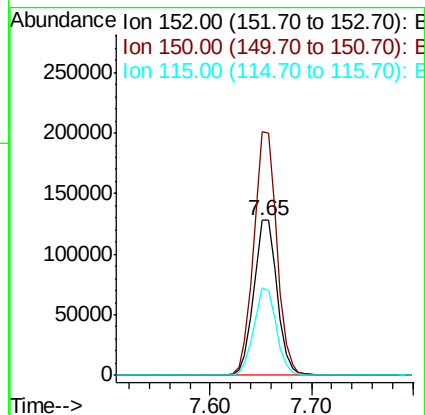
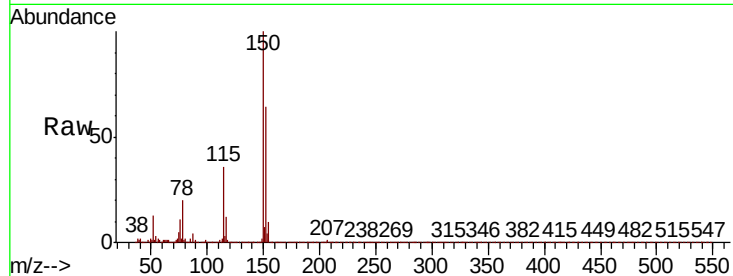


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.65 min Scan# 810
Delta R.T. -0.00 min
Lab File: BP003164.D
Acq: 01 Sep 2020 13:26

Instrument :
BNA_P
ClientSampleId :
PB131322BL

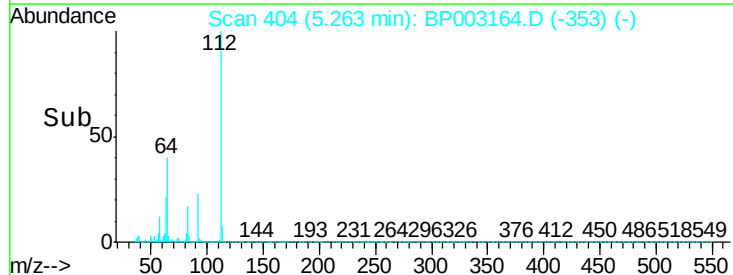
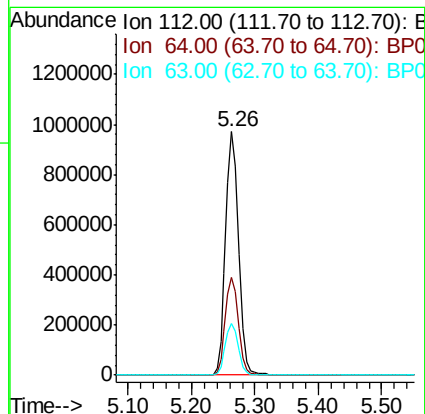
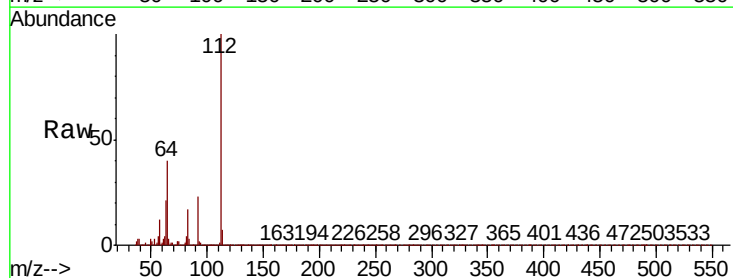
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.2	123.8	185.6
115	56.1	43.8	65.6

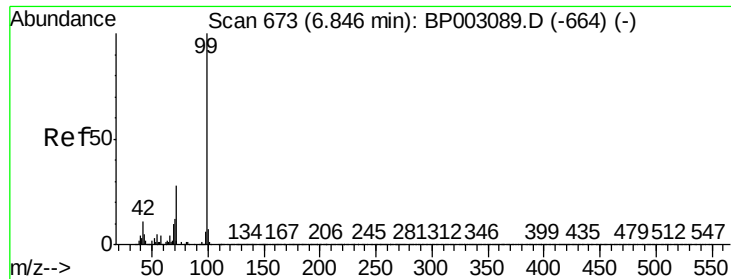


#5

2-Fluorophenol
Concen: 120.328 ng
RT: 5.26 min Scan# 404
Delta R.T. -0.00 min
Lab File: BP003164.D
Acq: 01 Sep 2020 13:26

Tgt Ion	Ratio	Lower	Upper
112	100		
64	40.1	32.8	49.2
63	21.3	17.0	25.4





#7

Phenol-d6

Concen: 109.273 ng

RT: 6.84 min Scan# 672

Delta R.T. 0.01 min

Lab File: BP003164.D

Acq: 01 Sep 2020 13:26

Instrument :

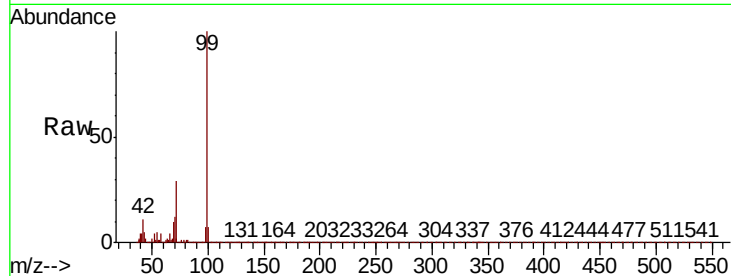
BNA_P

ClientSampleId :

PB131322BL

Tot Ion: 99 Resp: 1583153

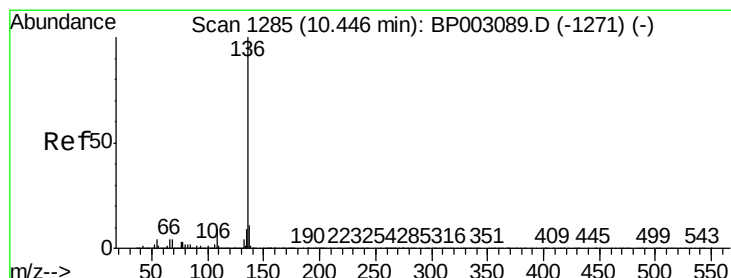
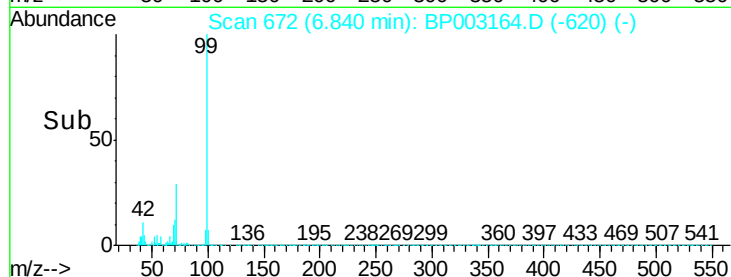
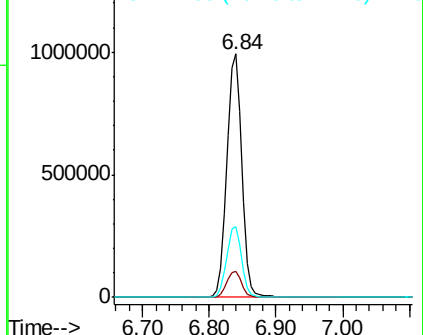
Ion	Ratio	Lower	Upper
99	100		
42	10.5	8.6	13.0
71	29.1	23.4	35.2



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

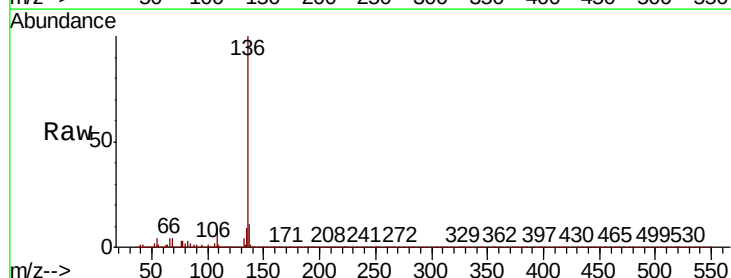
Delta R.T. -0.00 min

Lab File: BP003164.D

Acq: 01 Sep 2020 13:26

Tgt Ion: 136 Resp: 772897

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	4.4	3.6	5.4
68	4.1	3.3	4.9

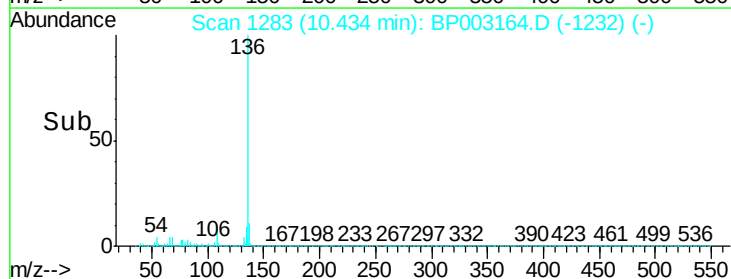
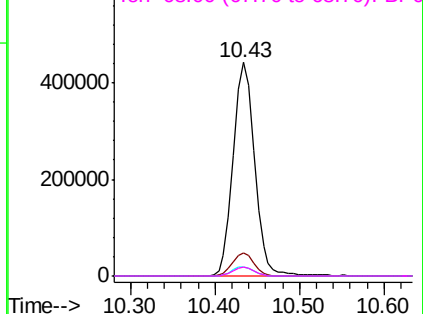


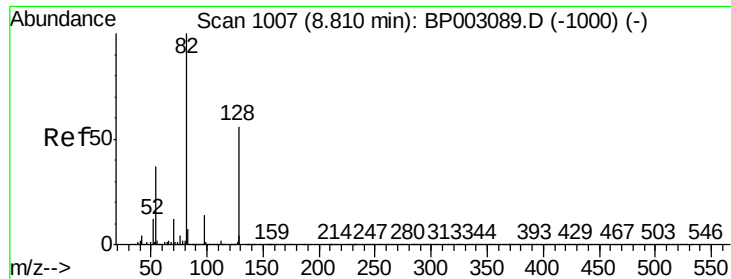
Abundance Ion 136.00 (135.70 to 136.70): E

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

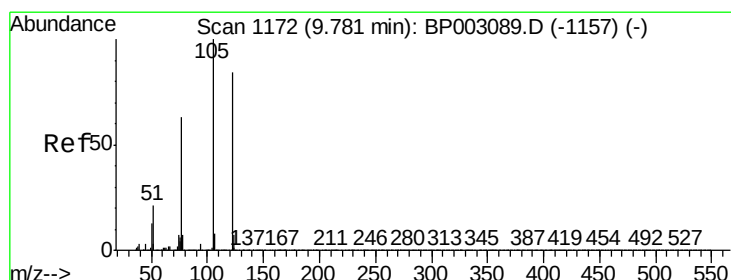
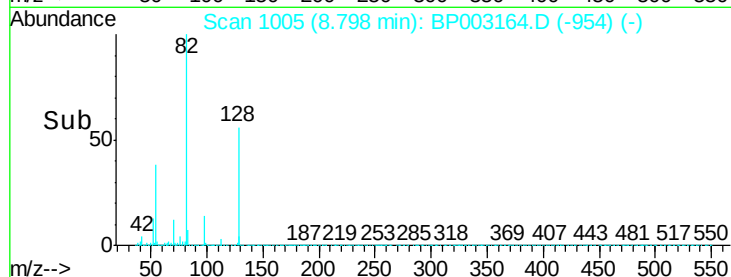
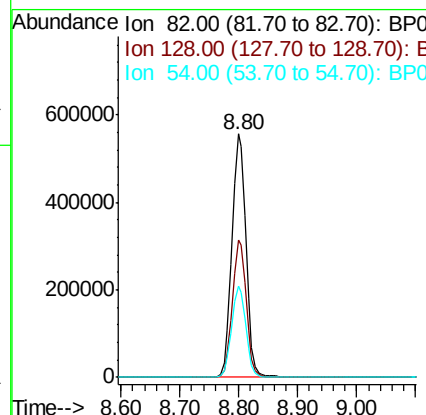
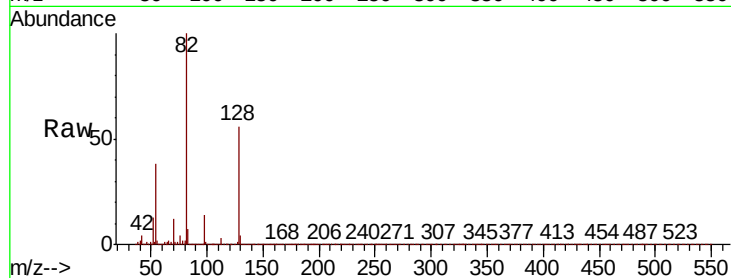




#23
Nitrobenzene-d5
Concen: 86.711 ng
RT: 8.80 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BP003164.D
Acq: 01 Sep 2020 13:26

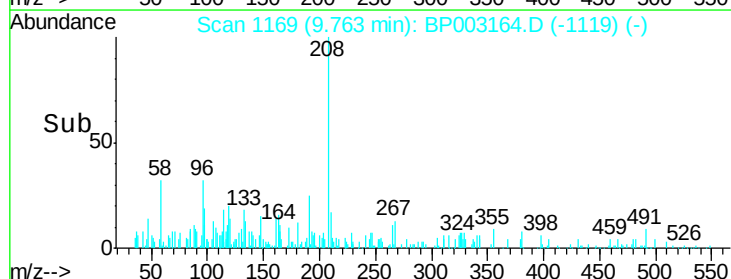
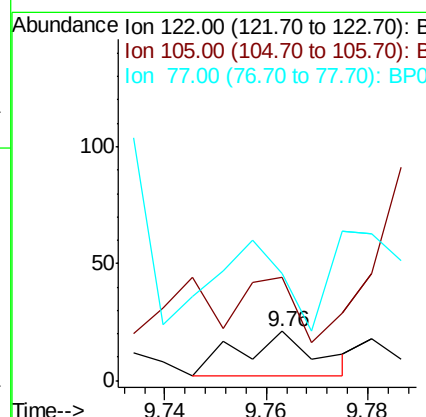
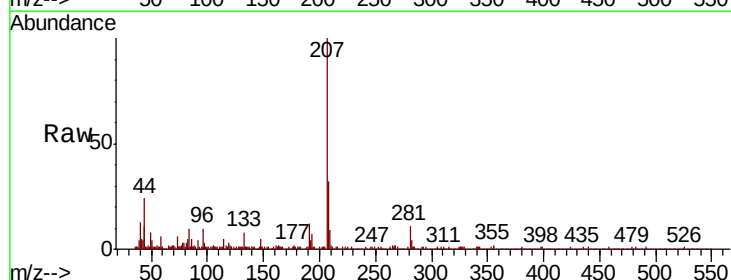
Instrument :
BNA_P
ClientSampleId :
PB131322BL

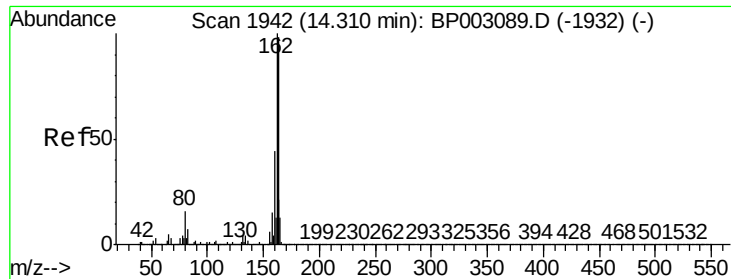
Tot Ion: 82 Resp: 929645
Ion Ratio Lower Upper
82 100
128 56.4 45.6 68.4
54 37.5 30.1 45.1



#32
Benzoic acid
Concen: 8.999 ng
RT: 9.76 min Scan# 1169
Delta R.T. -0.01 min
Lab File: BP003164.D
Acq: 01 Sep 2020 13:26

Tgt Ion: 122 Resp: 20
Ion Ratio Lower Upper
122 100
105 209.5 94.1 134.1#
77 219.0 50.1 90.1#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.30 min Scan# 1940

Delta R.T. 0.01 min

Lab File: BP003164.D

Acq: 01 Sep 2020 13:26

Instrument :

BNA_P

ClientSampleId :

PB131322BL

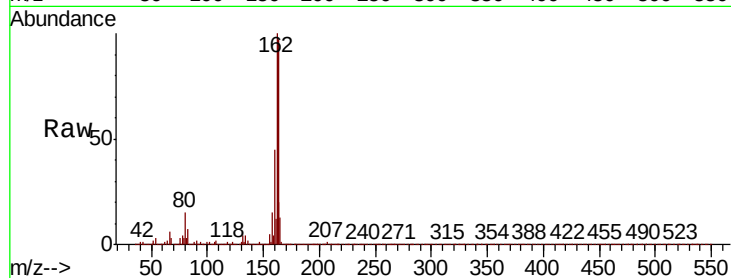
Tot Ion:164 Resp: 433913

Ion Ratio Lower Upper

164 100

162 103.3 79.4 119.2

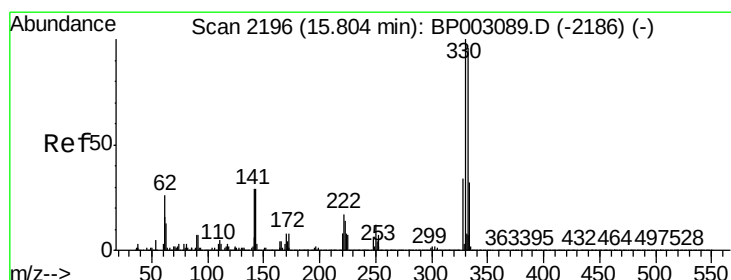
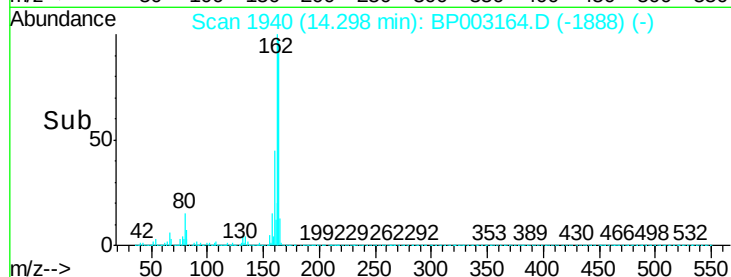
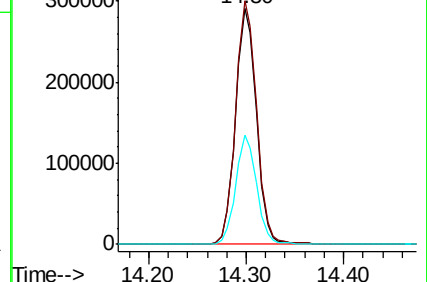
160 46.1 36.1 54.1



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: 113.014 ng

RT: 15.80 min Scan# 2195

Delta R.T. 0.01 min

Lab File: BP003164.D

Acq: 01 Sep 2020 13:26

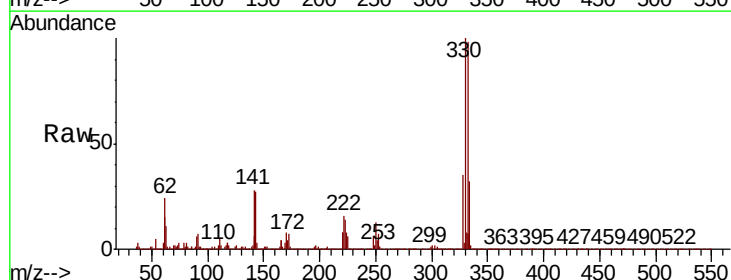
Tgt Ion:330 Resp: 663230

Ion Ratio Lower Upper

330 100

332 97.4 77.1 115.7

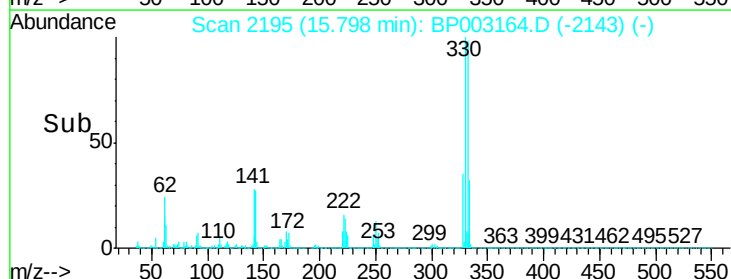
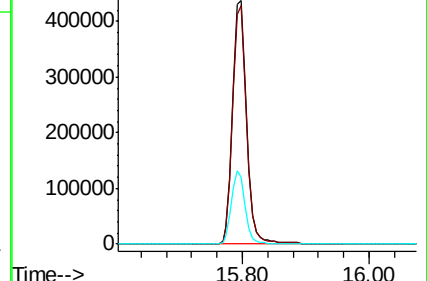
141 29.5 23.4 35.2

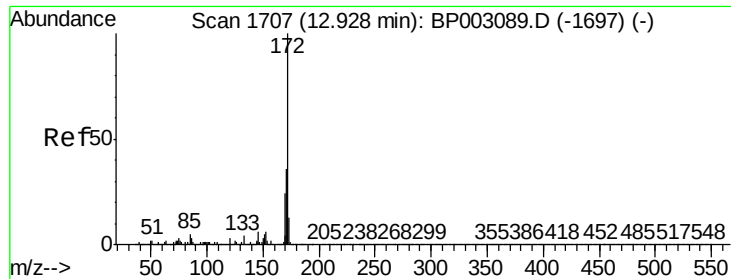


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

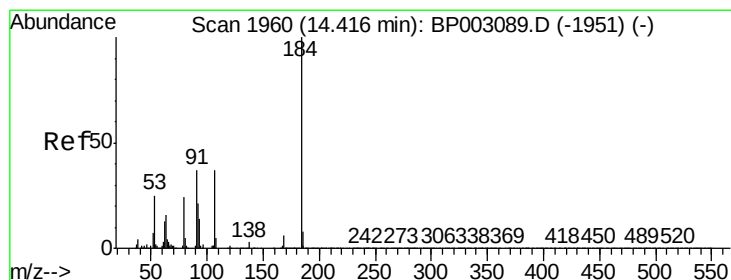
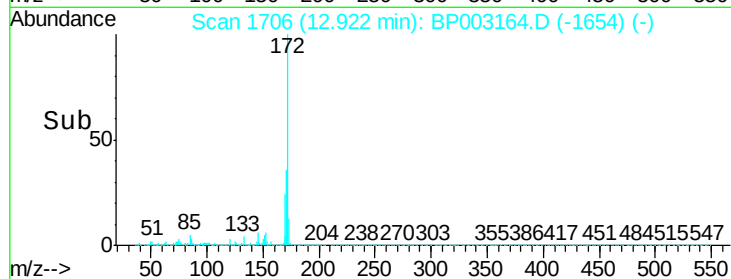
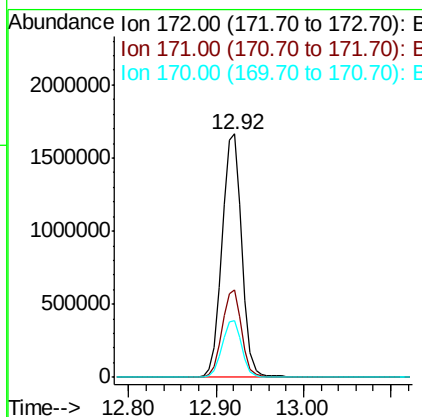
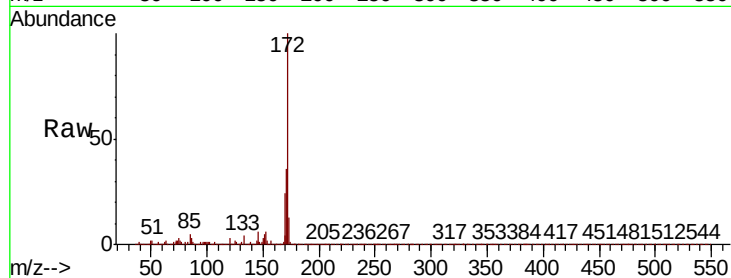




#45
2-Fluorobiphenyl
Concen: 88.002 ng
RT: 12.92 min Scan# 1706
Delta R.T. 0.01 min
Lab File: BP003164.D
Acq: 01 Sep 2020 13:26

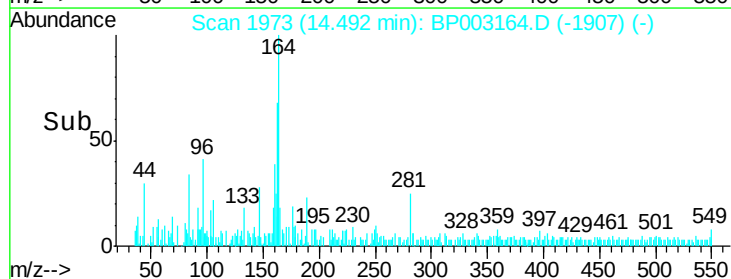
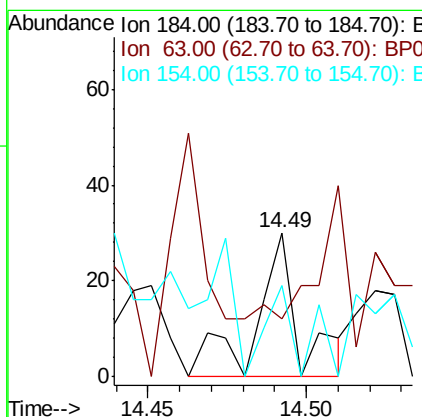
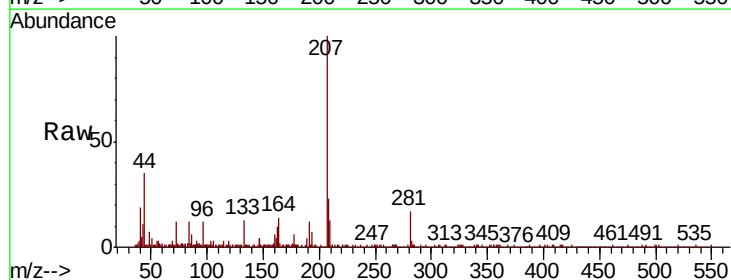
Instrument :
BNA_P
ClientSampleId :
PB131322BL

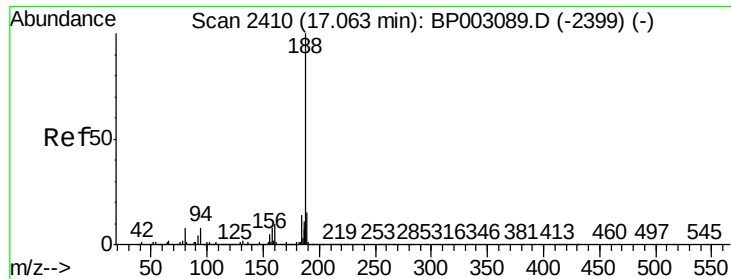
Tot Ion:172 Resp: 2607465
Ion Ratio Lower Upper
172 100
171 35.7 28.5 42.7
170 23.5 19.2 28.8



#54
2,4-Dinitrophenol
Concen: 7.762 ng
RT: 14.49 min Scan# 1973
Delta R.T. 0.09 min
Lab File: BP003164.D
Acq: 01 Sep 2020 13:26

Tgt Ion:184 Resp: 28
Ion Ratio Lower Upper
184 100
63 40.0 32.3 48.5
154 63.3 49.1 73.7

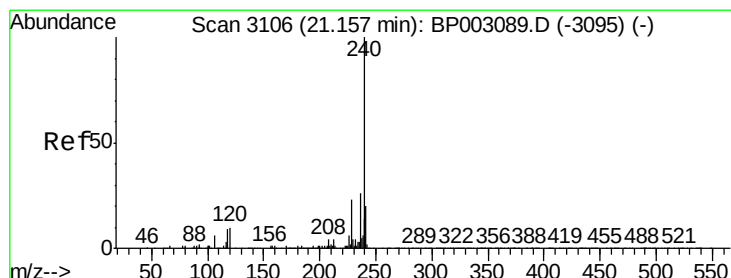
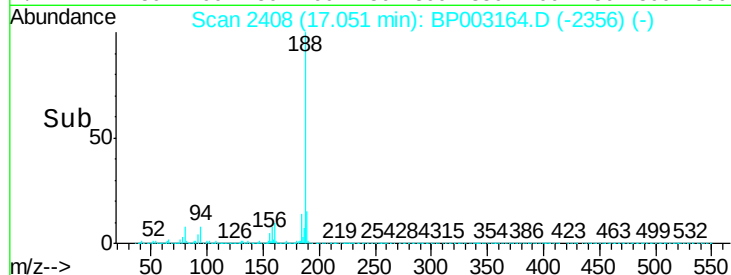
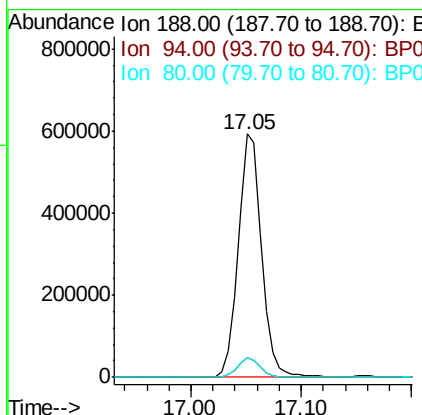
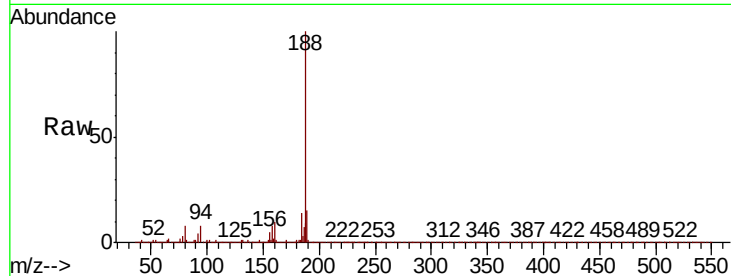




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.05 min Scan# 2408
Delta R.T. 0.01 min
Lab File: BP003164.D
Acq: 01 Sep 2020 13:26

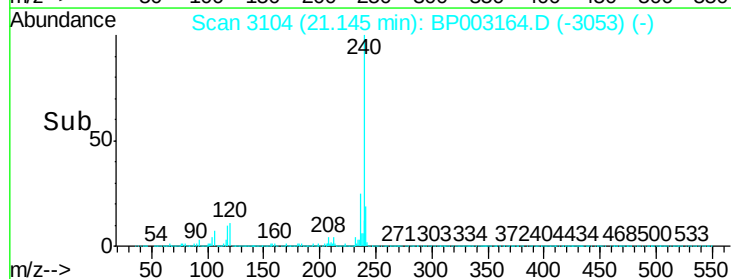
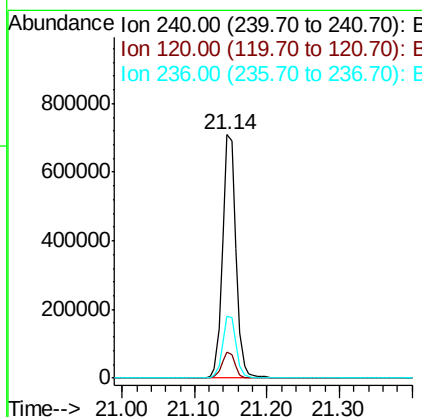
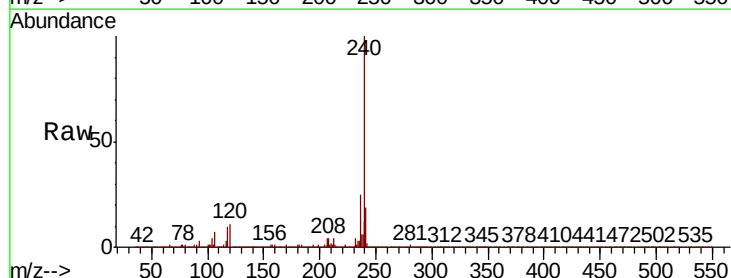
Instrument :
BNA_P
ClientSampleId :
PB131322BL

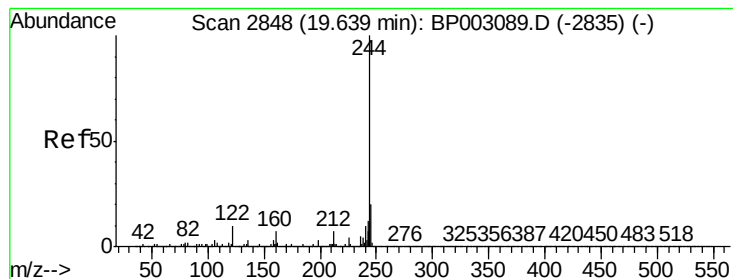
Tot Ion:188 Resp: 880023
Ion Ratio Lower Upper
188 100
94 8.0 6.2 9.2
80 7.8 6.2 9.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.14 min Scan# 3104
Delta R.T. -0.00 min
Lab File: BP003164.D
Acq: 01 Sep 2020 13:26

Tgt Ion:240 Resp: 911600
Ion Ratio Lower Upper
240 100
120 10.5 7.8 11.6
236 25.2 20.8 31.2





#79

Terphenyl-d14

Concen: 80.090 ng

RT: 19.63 min Scan# 2847

Delta R.T. 0.01 min

Lab File: BP003164.D

Acq: 01 Sep 2020 13:26

Instrument :

BNA_P

ClientSampleId :

PB131322BL

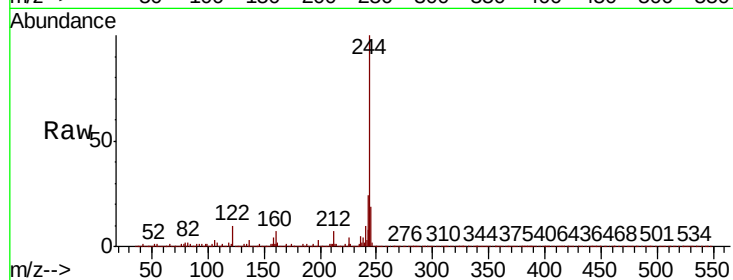
Tot Ion:244 Resp: 3318013

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.8	8.6
122	9.6	7.8	11.8

244 100

212 7.3 5.8 8.6

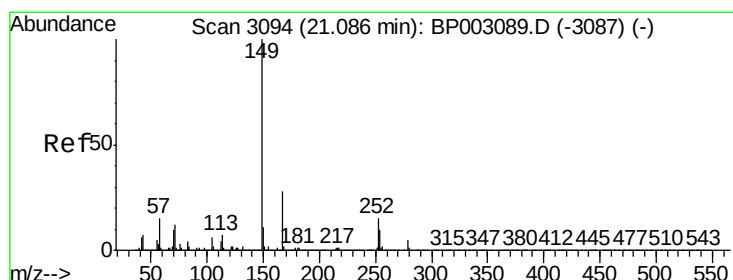
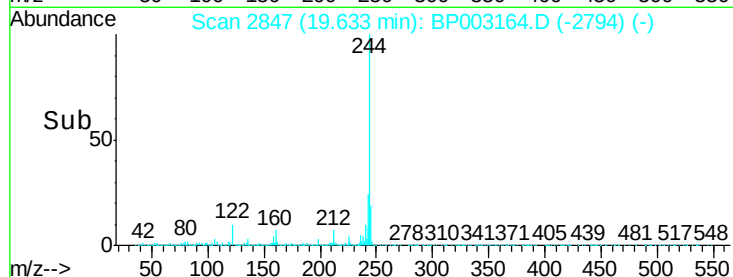
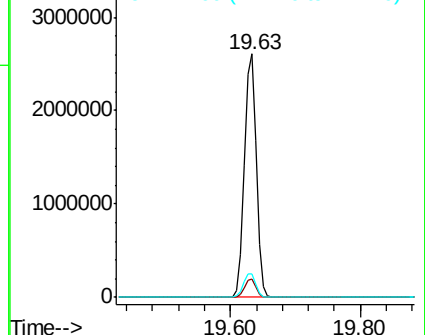
122 9.6 7.8 11.8



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 2.136 ng

RT: 20.94 min Scan# 3069

Delta R.T. -0.14 min

Lab File: BP003164.D

Acq: 01 Sep 2020 13:26

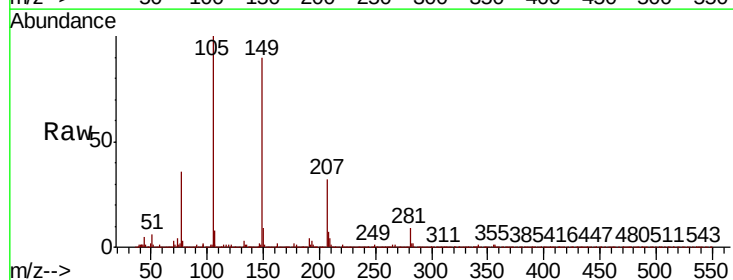
Tgt Ion:149 Resp: 75156

Ion	Ratio	Lower	Upper
149	100		
167	0.1	22.6	34.0#
279	0.1	4.2	6.2#

149 100

167 0.1 22.6 34.0#

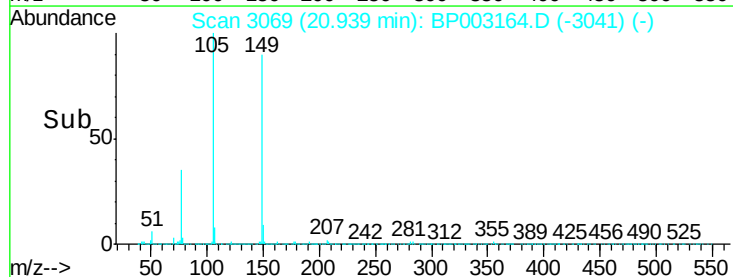
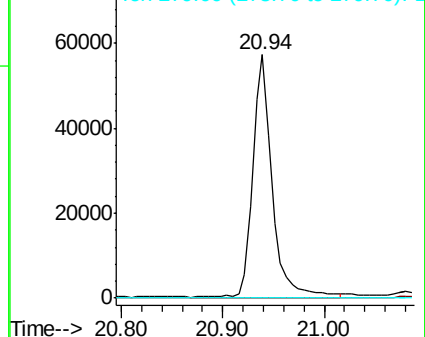
279 0.1 4.2 6.2#

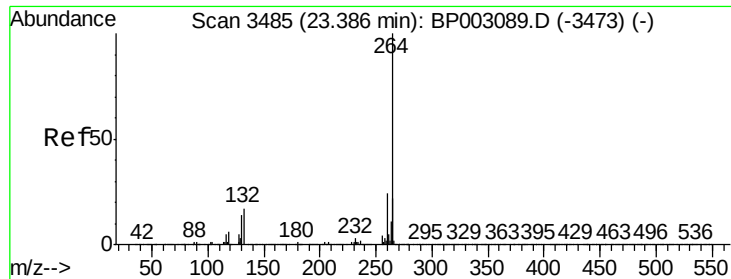


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



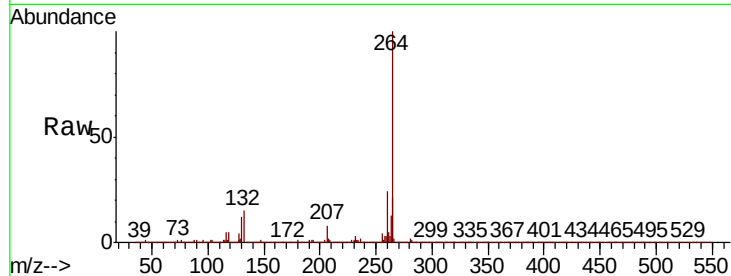


#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.39 min Scan# 3485
Delta R.T. 0.02 min
Lab File: BP003164.D
Acq: 01 Sep 2020 13:26

Instrument :
BNA_P
ClientSampleId :
PB131322BL

Tot Ion:264 Resp: 1063408

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.8	28.2
265	21.4	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

