

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP062320\
 Data File : BP002493.D
 Acq On : 23 Jun 2020 09:24
 Operator : CG/JU
 Sample : L3082-02
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB-2

Quant Time: Jun 23 11:50:56 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP060520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 05 15:08:53 2020
 Response via : Initial Calibration

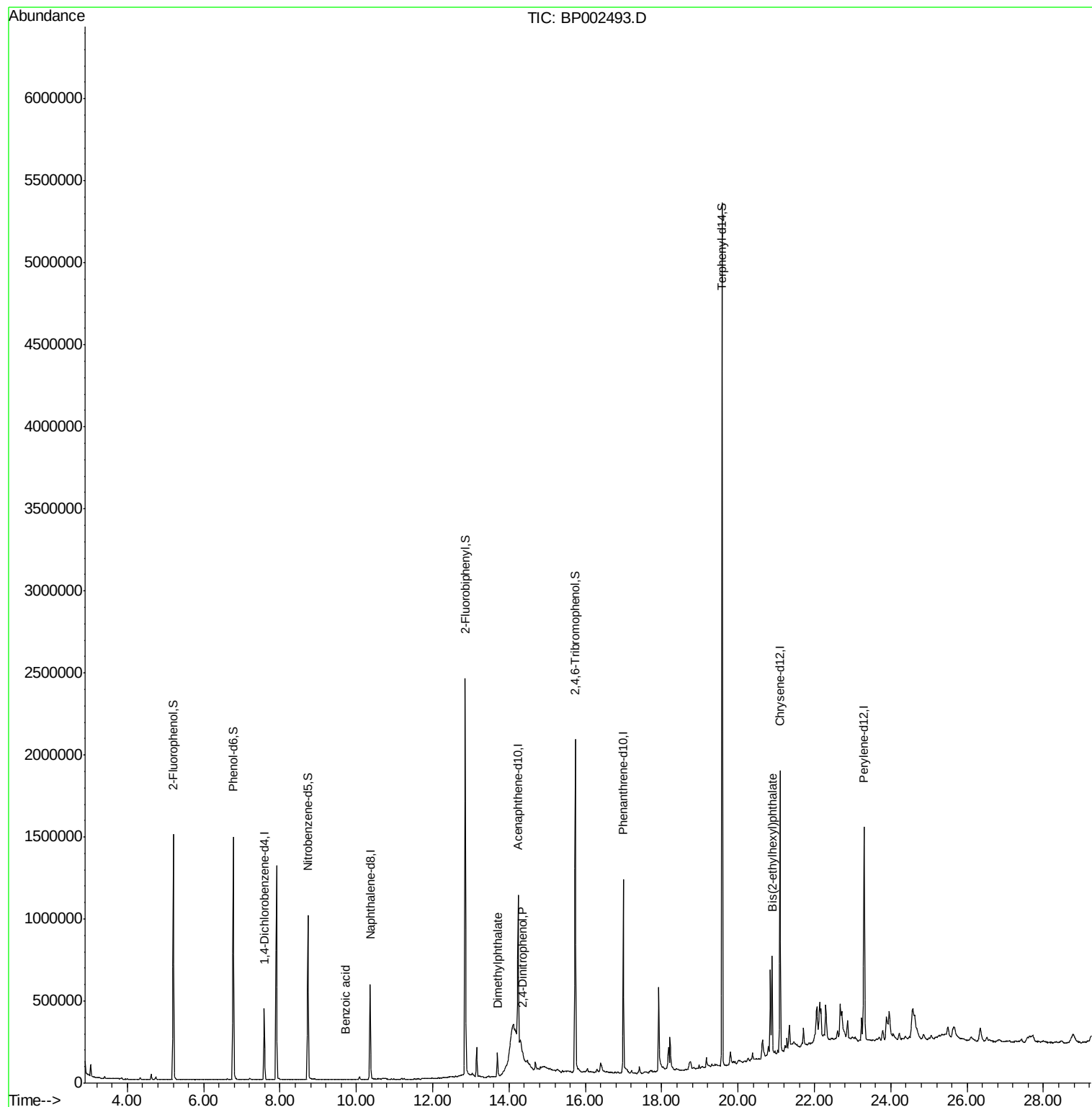
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	113664	20.00	ng	0.00
21) Naphthalene-d8	10.36	136	453710	20.00	ng	0.00
39) Acenaphthene-d10	14.23	164	288576	20.00	ng	0.00
64) Phenanthrene-d10	16.99	188	688994	20.00	ng	0.00
76) Chrysene-d12	21.10	240	790886	20.00	ng	-0.01
86) Perylene-d12	23.30	264	958447	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	621516	101.18	ng	0.00
7) Phenol-d6	6.78	99	834819	102.08	ng	0.00
23) Nitrobenzene-d5	8.73	82	569892	75.01	ng	-0.01
42) 2,4,6-Tribromophenol	15.73	330	412033	149.13	ng	0.00
45) 2-Fluorobiphenyl	12.85	172	1344148	78.32	ng	0.00
79) Terphenyl-d14	19.58	244	2472029	78.08	ng	0.00
Target Compounds						
9) Benzaldehyde	6.70	77	96	Below Cal	Qvalue #	29
32) Benzoic acid	9.72	122	168	4.631 ng	#	5
50) Dimethylphthalate	13.69	163	99382	5.026 ng	#	99
54) 2,4-Dinitrophenol	14.36	184	56	2.807 ng	#	1
61) 4-Chlorophenyl-phenylether	15.27	204	11	Below Cal	#	31
84) Bis(2-ethylhexyl)phthalate	20.89	149	252112	8.048 ng	#	52

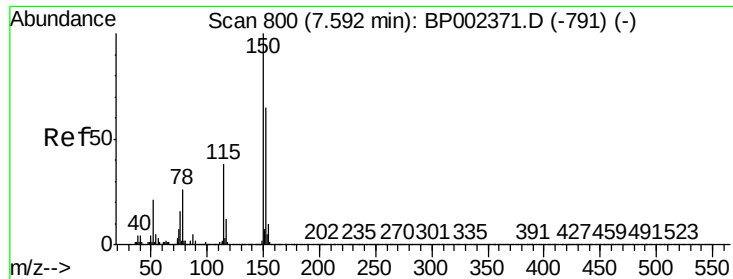
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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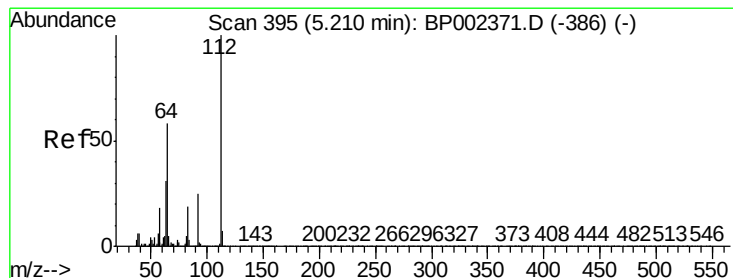
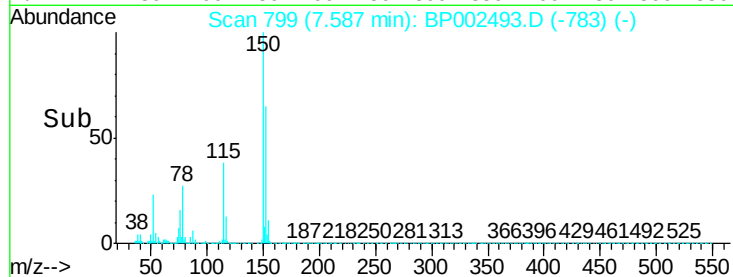
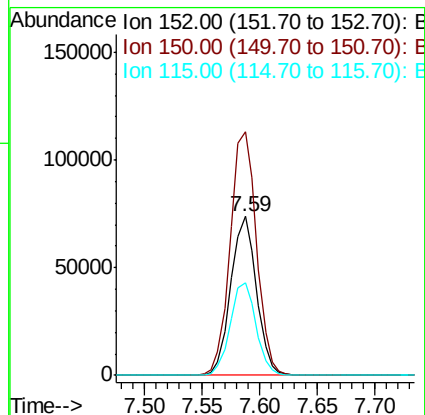
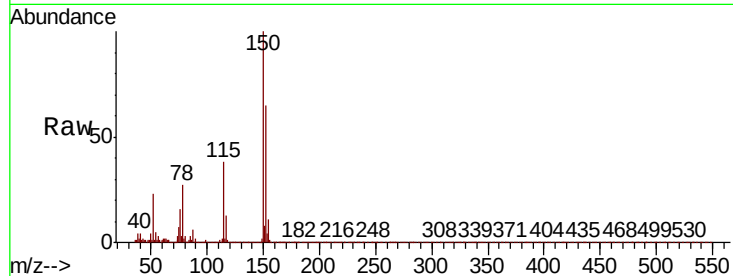


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.59 min Scan# 799
Delta R.T. -0.01 min
Lab File: BP002493.D
Acq: 23 Jun 2020 09:24

Instrument :
BNA_P
ClientSampleId :
SB-2

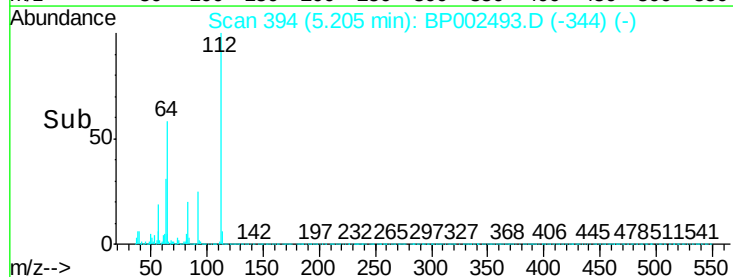
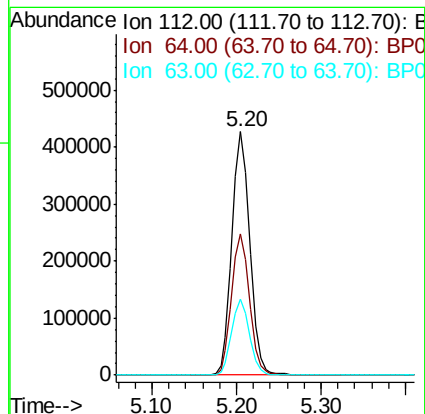
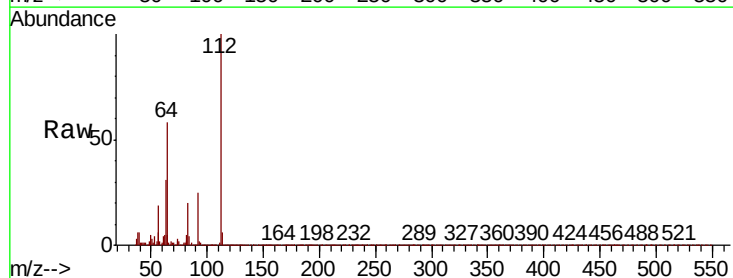
Tot Ion	Ratio	Lower	Upper
152	100		
150	153.1	124.0	186.0
115	58.2	47.4	71.0

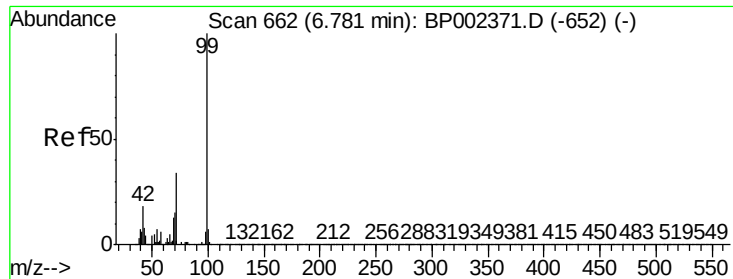


#5

2-Fluorophenol
Concen: 101.181 ng
RT: 5.20 min Scan# 394
Delta R.T. -0.01 min
Lab File: BP002493.D
Acq: 23 Jun 2020 09:24

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.9	46.2	69.2
63	30.9	24.5	36.7





#7

Phenol-d6

Concen: 102.078 ng

RT: 6.78 min Scan# 661

Delta R.T. -0.01 min

Lab File: BP002493.D

Acq: 23 Jun 2020 09:24

Instrument :

BNA_P

ClientSampleId :

SB-2

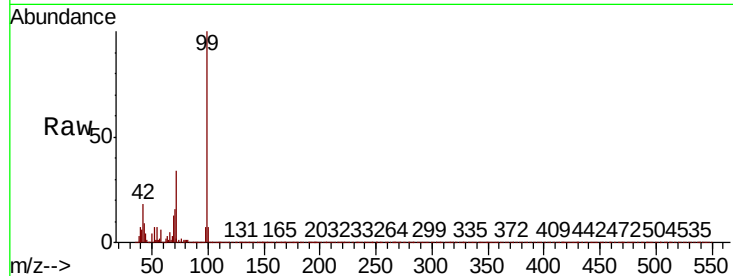
Tot Ion: 99 Resp: 834819

Ion Ratio Lower Upper

99 100

42 18.0 14.6 22.0

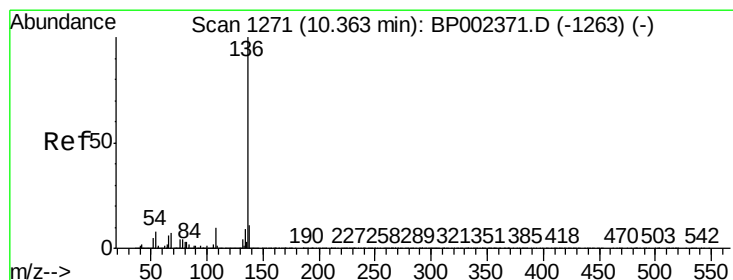
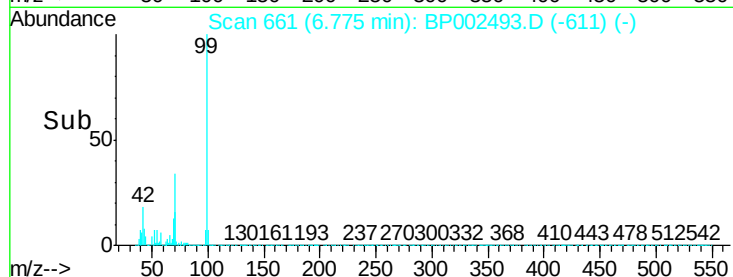
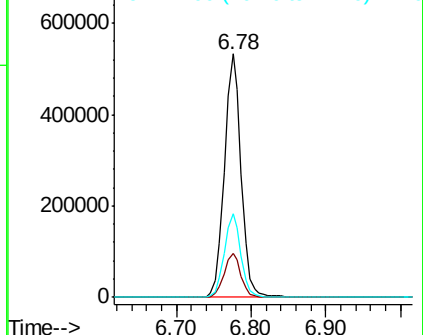
71 34.4 27.2 40.8



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: 10.36 min Scan# 1270

Delta R.T. -0.01 min

Lab File: BP002493.D

Acq: 23 Jun 2020 09:24

Tgt Ion: 136 Resp: 453710

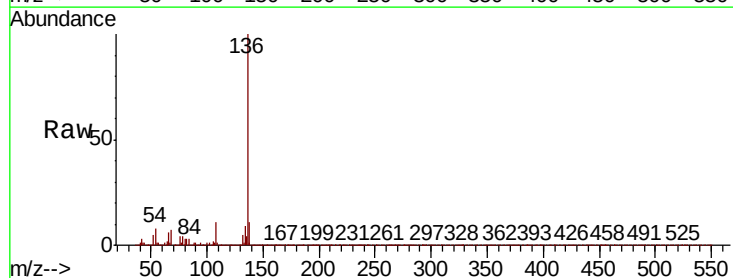
Ion Ratio Lower Upper

136 100

137 11.3 8.8 13.2

54 7.9 6.4 9.6

68 6.6 5.6 8.4

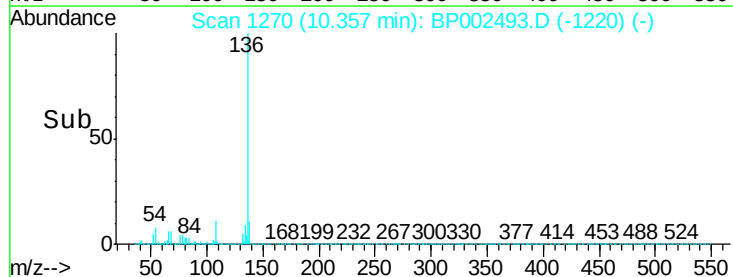
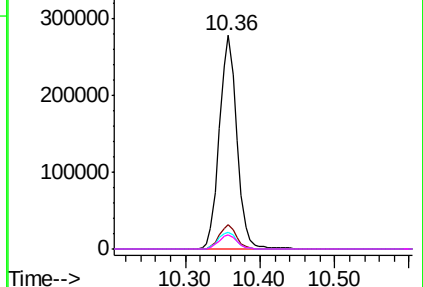


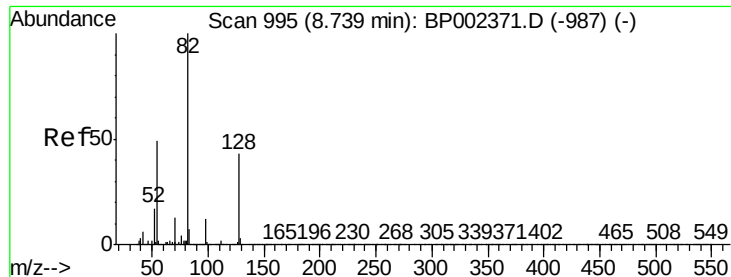
Abundance Ion 136.00 (135.70 to 136.70): E

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

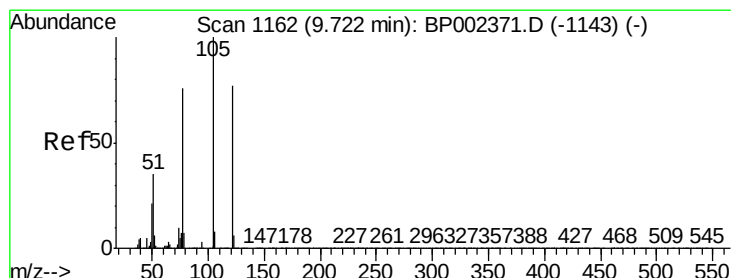
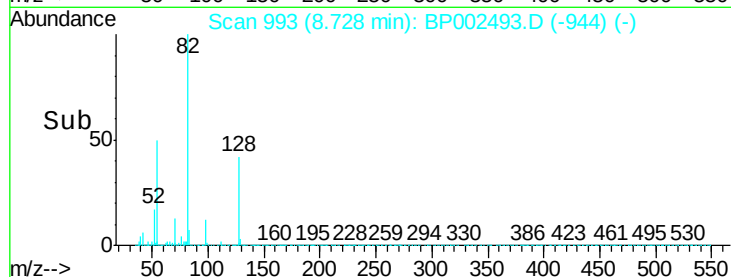
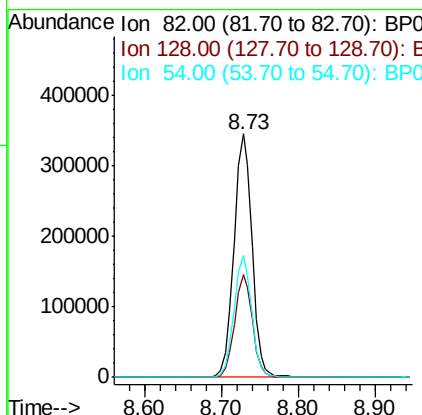
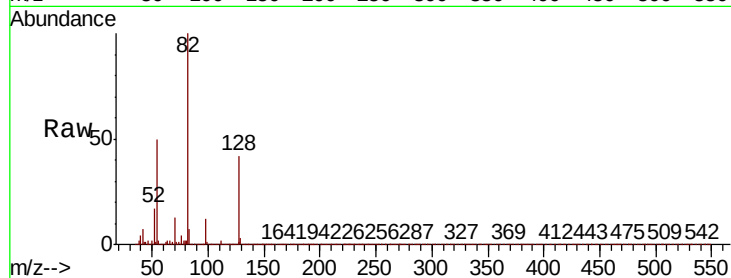




#23
 Nitrobenzene-d5
 Concen: 75.011 ng
 RT: 8.73 min Scan# 993
 Delta R.T. -0.01 min
 Lab File: BP002493.D
 Acq: 23 Jun 2020 09:24

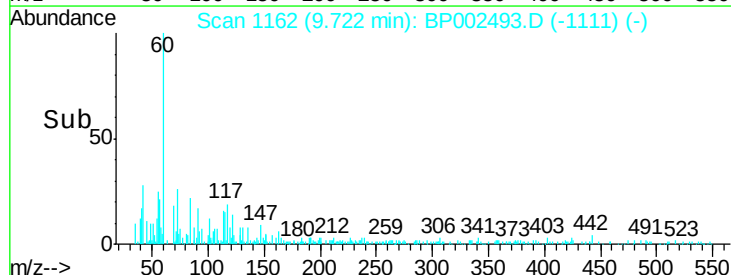
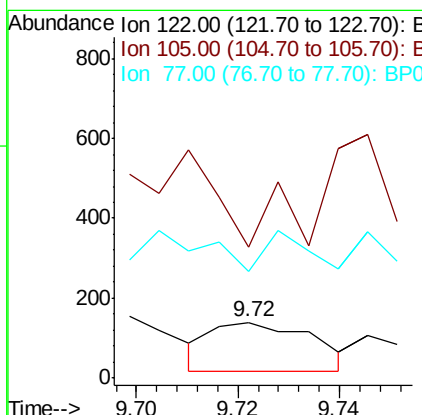
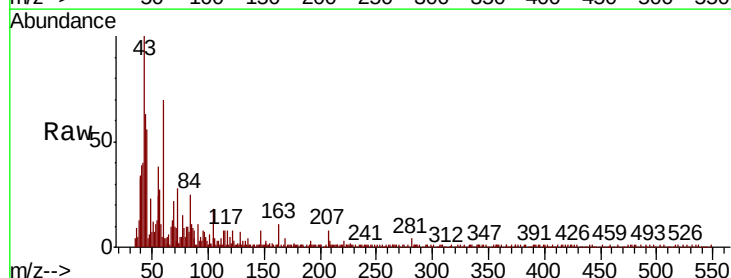
Instrument :
 BNA_P
 ClientSampleId :
 SB-2

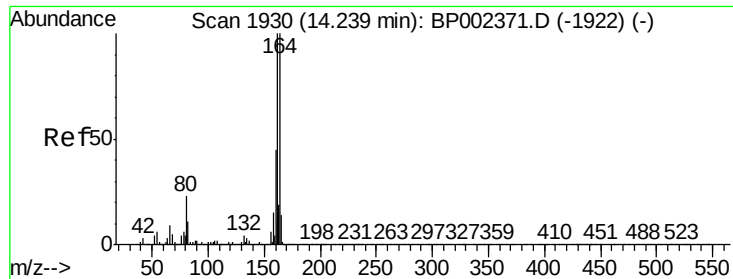
Tot Ion	82	Resp	569892
Ion Ratio	Lower	Upper	
82	100		
128	42.4	34.5	51.7
54	49.9	39.4	59.2



#32
 Benzoic acid
 Concen: 4.631 ng
 RT: 9.72 min Scan# 1162
 Delta R.T. 0.00 min
 Lab File: BP002493.D
 Acq: 23 Jun 2020 09:24

Tgt Ion	122	Resp	168
Ion Ratio	Lower	Upper	
122	100		
105	235.3	106.3	146.3#
77	191.4	77.5	117.5#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.23 min Scan# 1929

Delta R.T. -0.01 min

Lab File: BP002493.D

Acq: 23 Jun 2020 09:24

Instrument :

BNA_P

ClientSampleId :

SB-2

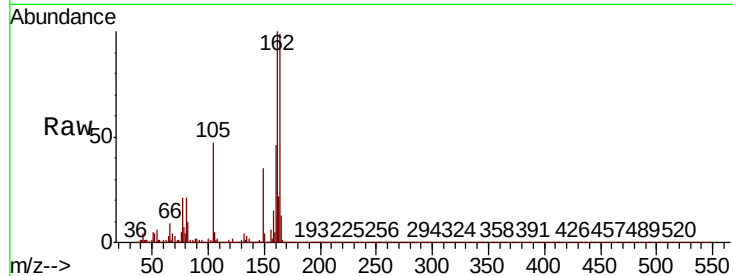
Tot Ion:164 Resp: 288576

Ion Ratio Lower Upper

164 100

162 101.0 79.8 119.8

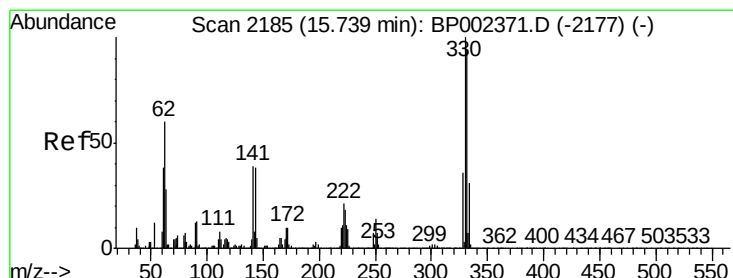
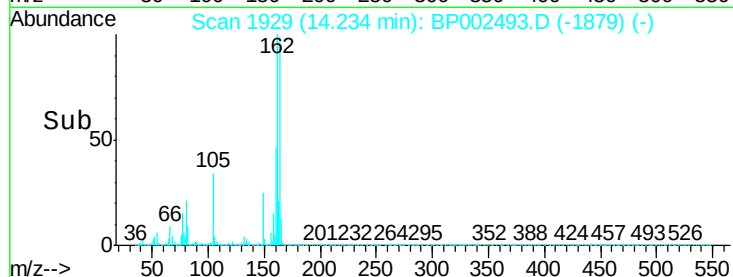
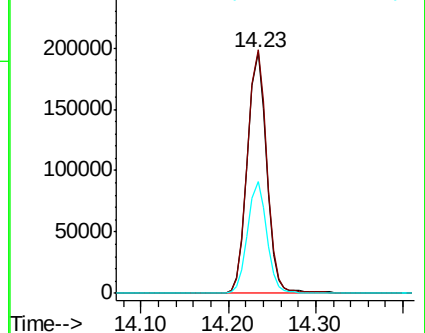
160 46.5 36.2 54.2



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: 149.130 ng

RT: 15.73 min Scan# 2184

Delta R.T. -0.01 min

Lab File: BP002493.D

Acq: 23 Jun 2020 09:24

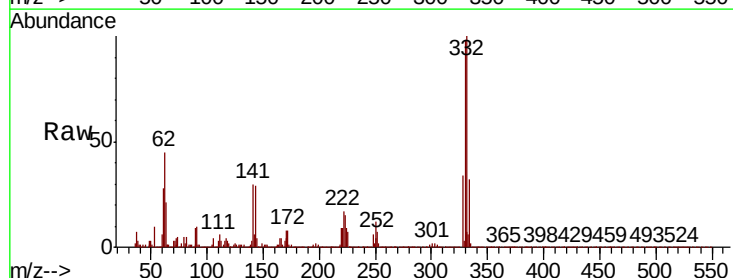
Tgt Ion:330 Resp: 412033

Ion Ratio Lower Upper

330 100

332 97.8 76.6 115.0

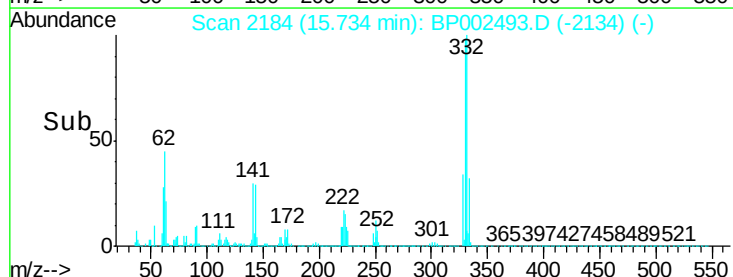
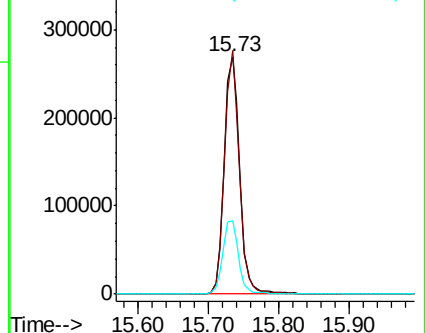
141 31.8 30.3 45.5

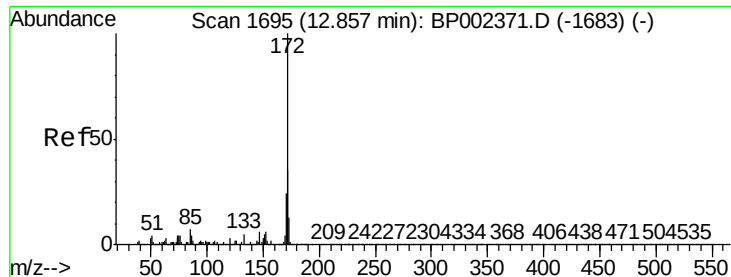


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

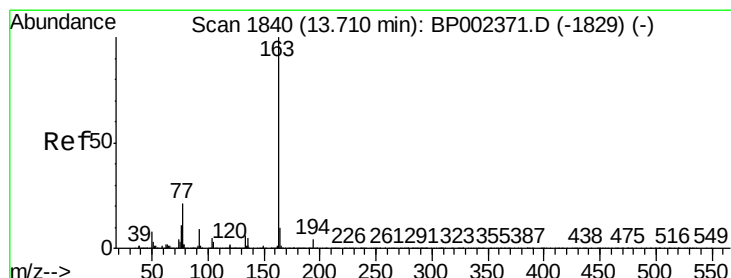
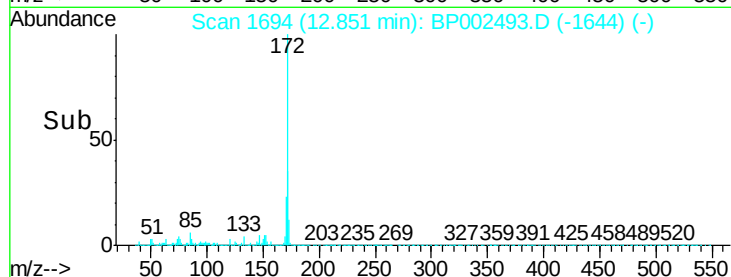
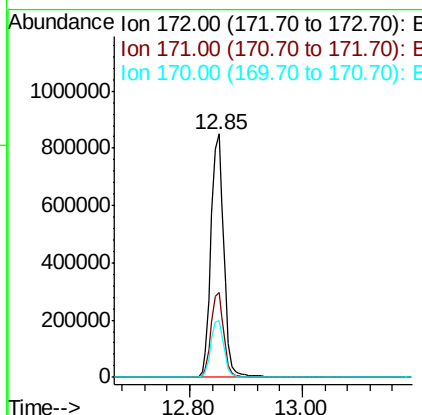
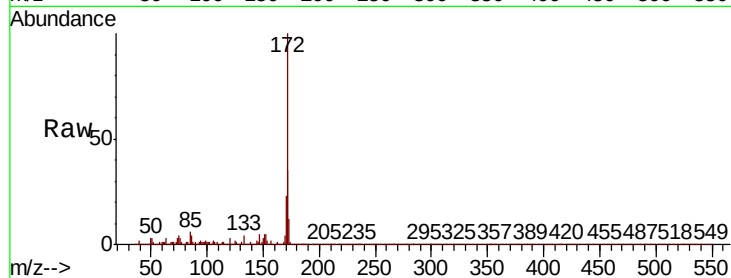




#45
2-Fluorobiphenyl
Concen: 78.318 ng
RT: 12.85 min Scan# 1694
Delta R.T. -0.00 min
Lab File: BP002493.D
Acq: 23 Jun 2020 09:24

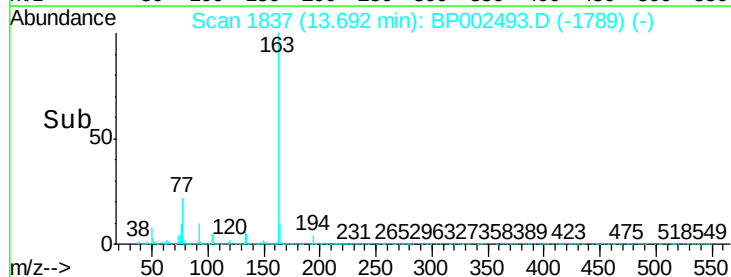
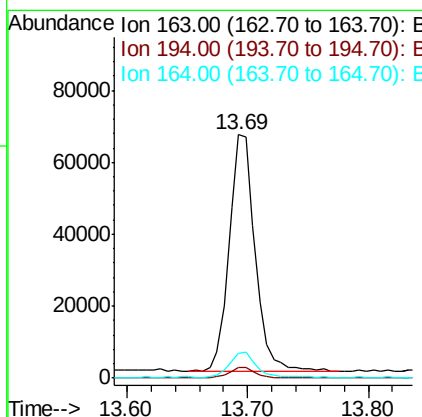
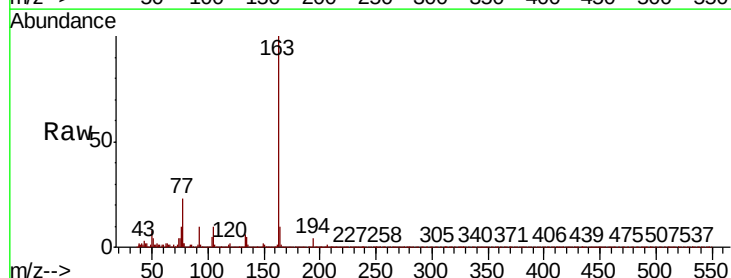
Instrument :
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ClientSampleId :
SB-2

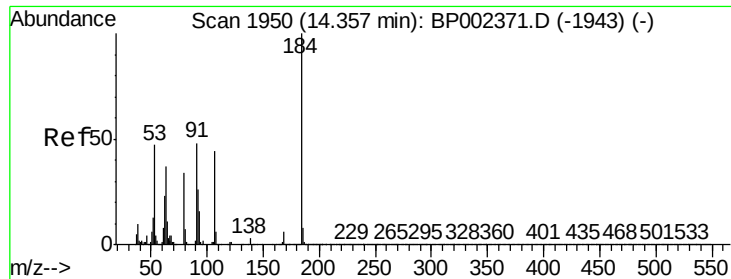
Tot Ion:172 Resp: 1344148
Ion Ratio Lower Upper
172 100
171 34.7 27.8 41.8
170 23.3 19.0 28.6



#50
Dimethylphthalate
Concen: 5.026 ng
RT: 13.69 min Scan# 1837
Delta R.T. -0.02 min
Lab File: BP002493.D
Acq: 23 Jun 2020 09:24

Tgt Ion:163 Resp: 99382
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.0
164 10.4 8.1 12.1

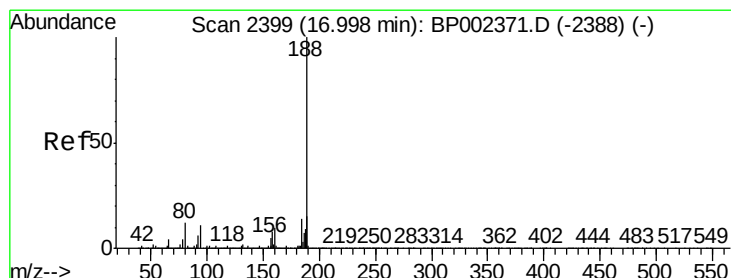
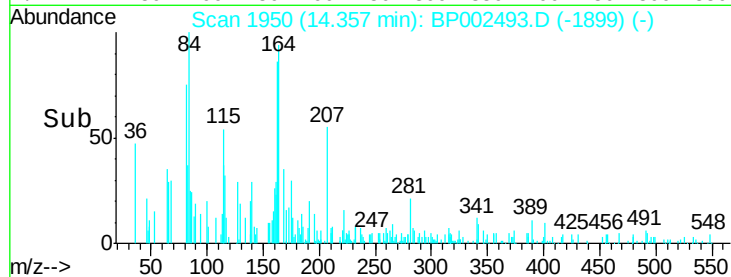
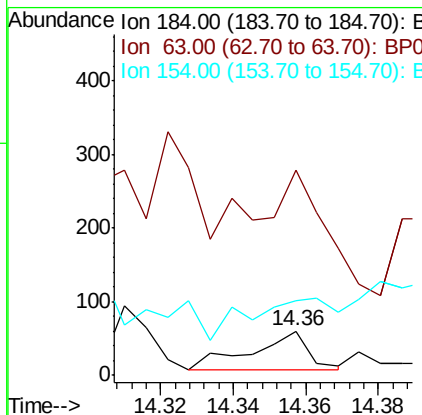
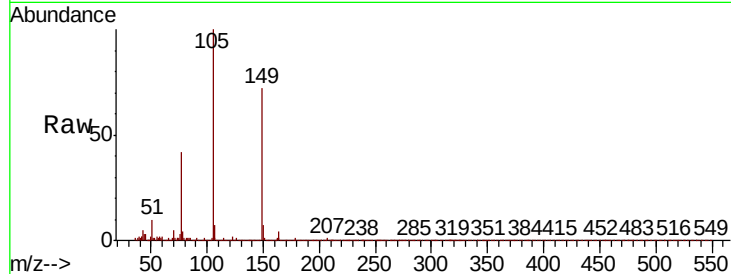




#54
 2,4-Dinitrophenol
 Concen: 2.807 ng
 RT: 14.36 min Scan# 1950
 Delta R.T. 0.00 min
 Lab File: BP002493.D
 Acq: 23 Jun 2020 09:24

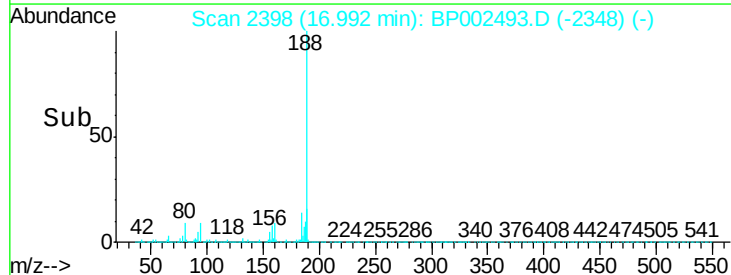
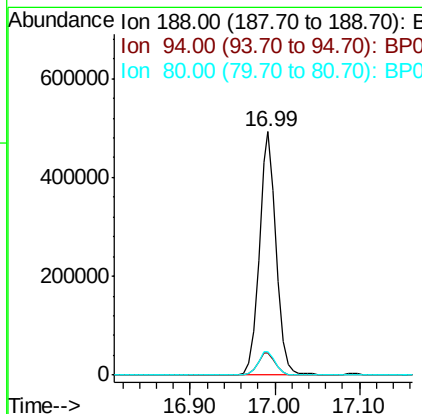
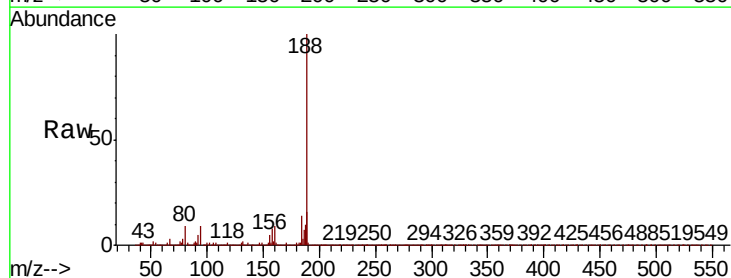
Instrument :
 BNA_P
 ClientSampled :
 SB-2

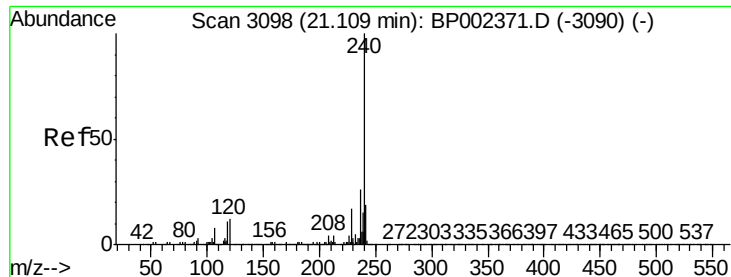
Tot Ion:184 Resp: 56
 Ion Ratio Lower Upper
 184 100
 63 465.0 52.3 78.5#
 154 170.0 48.6 72.8#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 16.99 min Scan# 2398
 Delta R.T. -0.01 min
 Lab File: BP002493.D
 Acq: 23 Jun 2020 09:24

Tgt Ion:188 Resp: 688994
 Ion Ratio Lower Upper
 188 100
 94 9.3 8.5 12.7
 80 9.4 9.4 14.0

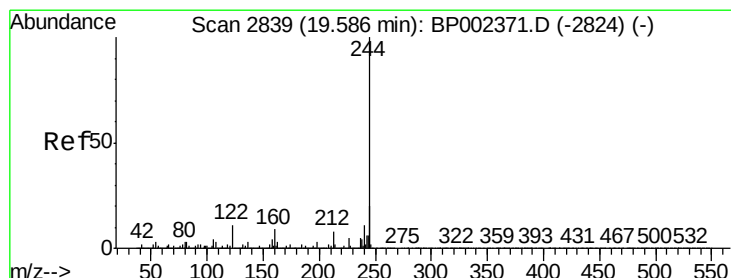
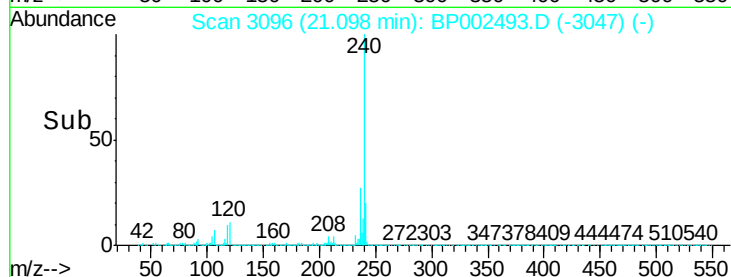
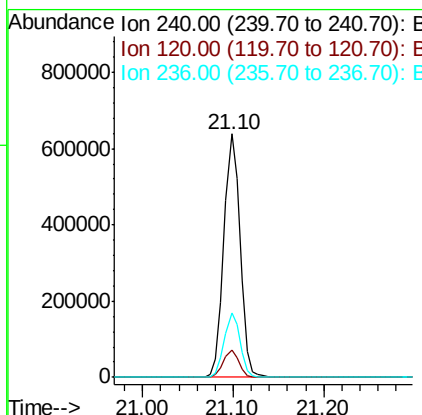
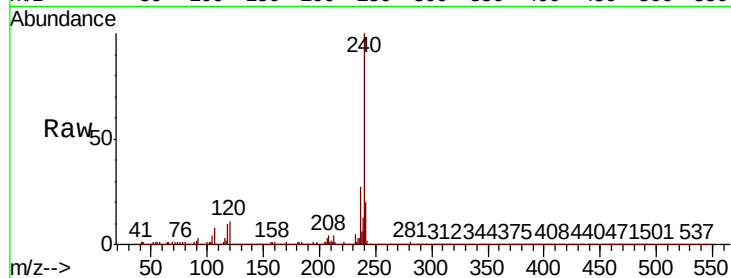




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.10 min Scan# 3096
Delta R.T. -0.01 min
Lab File: BP002493.D
Acq: 23 Jun 2020 09:24

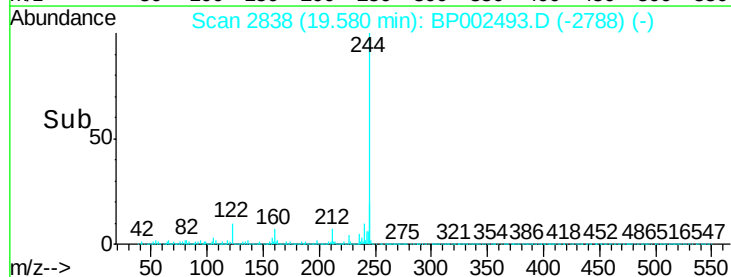
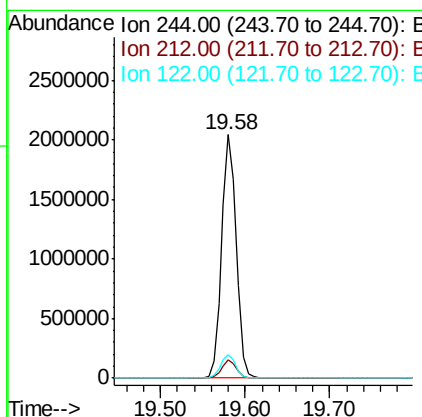
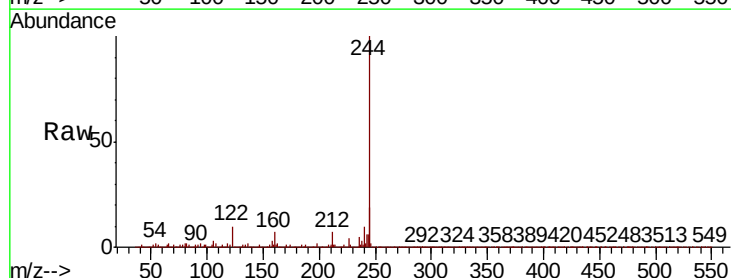
Instrument :
BNA_P
ClientSampleId :
SB-2

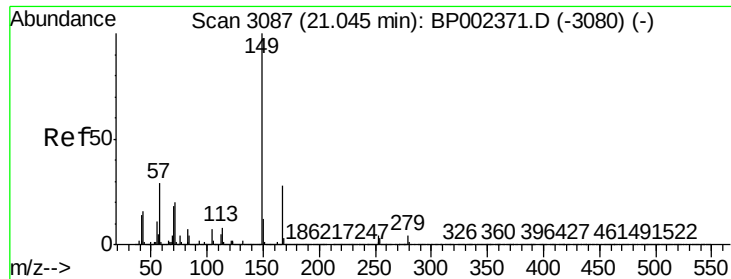
Tot Ion:240 Resp: 790886
Ion Ratio Lower Upper
240 100
120 11.1 9.3 13.9
236 26.5 21.0 31.6



#79
Terphenyl-d14
Concen: 78.080 ng
RT: 19.58 min Scan# 2838
Delta R.T. -0.00 min
Lab File: BP002493.D
Acq: 23 Jun 2020 09:24

Tgt Ion:244 Resp: 2472029
Ion Ratio Lower Upper
244 100
212 7.4 6.6 10.0
122 9.5 8.8 13.2





#84

Bis(2-ethylhexyl)phthalate

Concen: 8.048 ng

RT: 20.89 min Scan# 3061

Delta R.T. -0.15 min

Lab File: BP002493.D

Acq: 23 Jun 2020 09:24

Instrument :

BNA_P

ClientSampleId :

SB-2

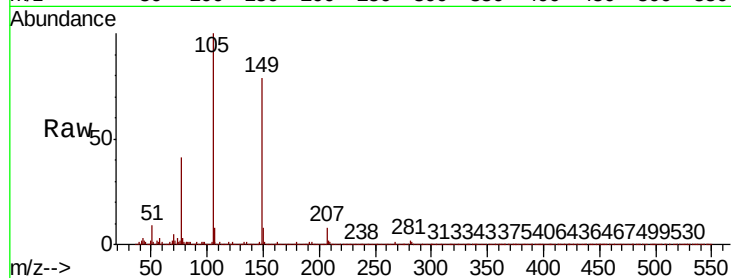
Tot Ion:149 Resp: 252112

Ion Ratio Lower Upper

149 100

167 0.3 22.3 33.5#

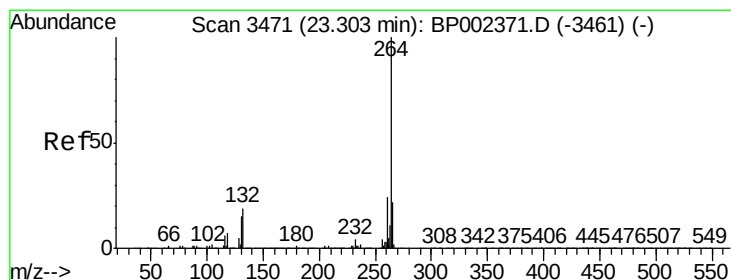
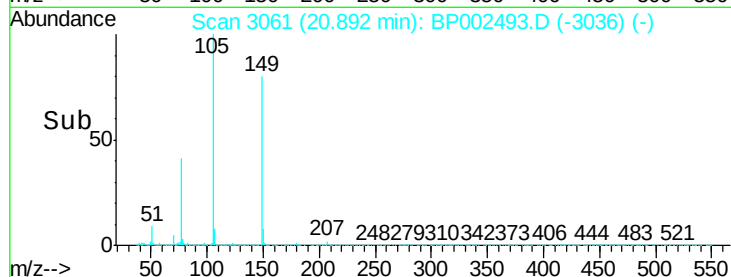
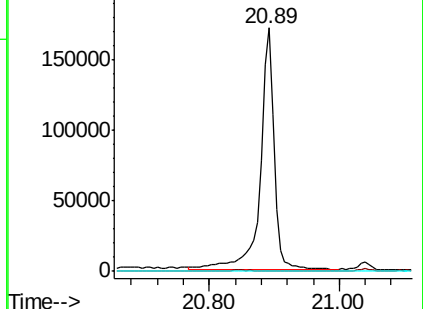
279 0.1 3.2 4.8#



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

Perylene-d12

Concen: 20.000 ng

RT: 23.30 min Scan# 3470

Delta R.T. -0.01 min

Lab File: BP002493.D

Acq: 23 Jun 2020 09:24

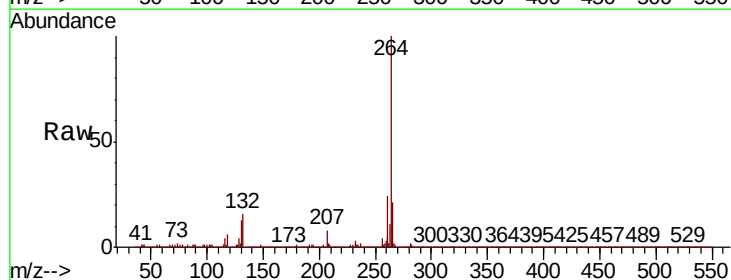
Tgt Ion:264 Resp: 958447

Ion Ratio Lower Upper

264 100

260 23.8 19.4 29.0

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

