

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP062520\
 Data File : BP002543.D
 Acq On : 25 Jun 2020 16:03
 Operator : CG/JU
 Sample : L3094-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 2020-06-22-FD04

Quant Time: Jun 25 17:25:33 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP060520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 24 13:54:06 2020
 Response via : Initial Calibration

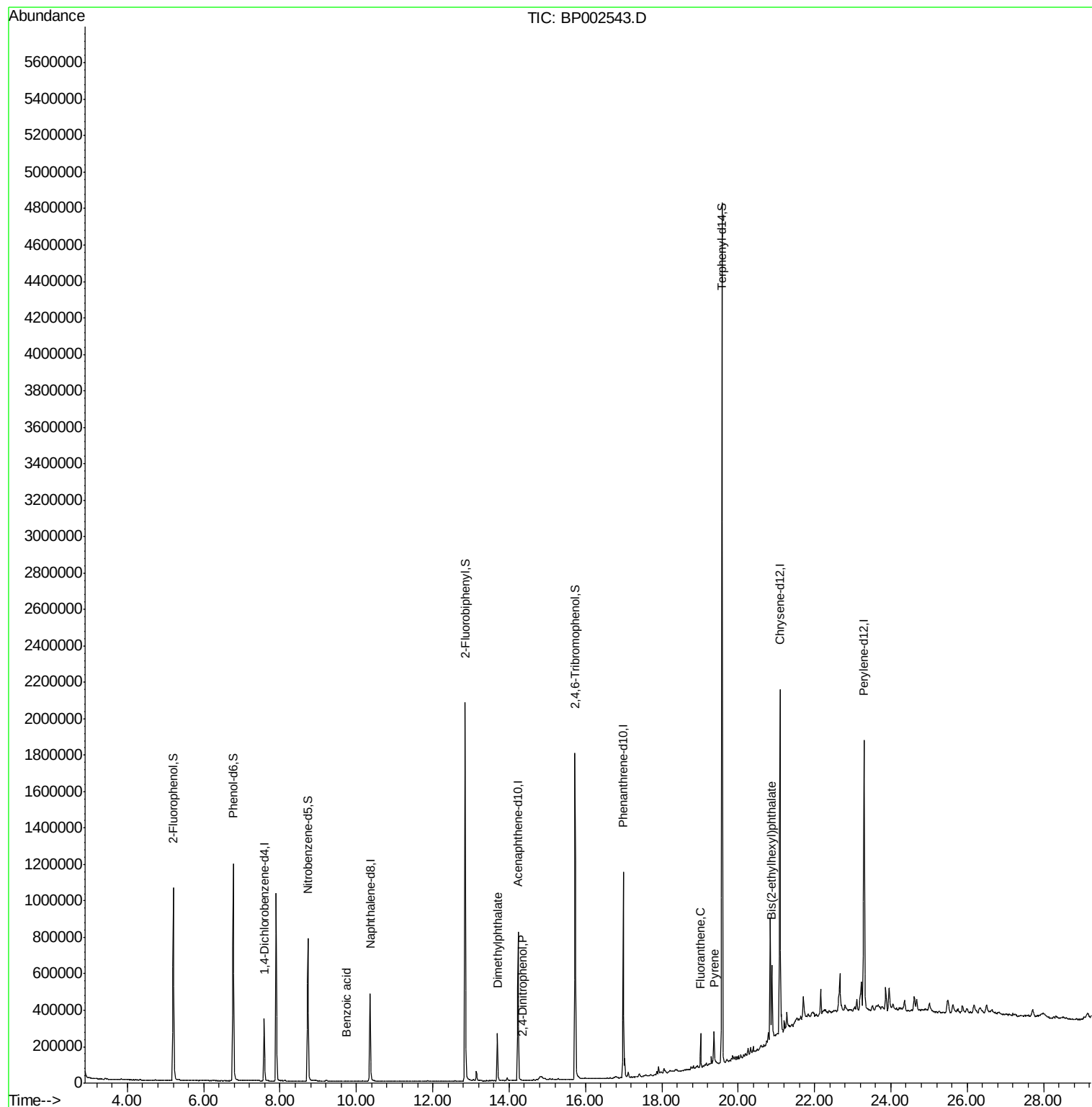
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	91882	20.00	ng	0.00
21) Naphthalene-d8	10.36	136	405016	20.00	ng	0.00
39) Acenaphthene-d10	14.23	164	282817	20.00	ng	0.00
64) Phenanthrene-d10	16.99	188	685928	20.00	ng	0.00
76) Chrysene-d12	21.10	240	852356	20.00	ng	0.00
86) Perylene-d12	23.30	264	1044431	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	510008	102.71	ng	0.00
7) Phenol-d6	6.77	99	723333	109.41	ng	0.00
23) Nitrobenzene-d5	8.73	82	475777	70.15	ng	0.00
42) 2,4,6-Tribromophenol	15.73	330	335801	124.01	ng	0.00
45) 2-Fluorobiphenyl	12.85	172	1103521	65.61	ng	0.00
79) Terphenyl-d14	19.58	244	2247101	59.40	ng	0.00
Target Compounds						
9) Benzaldehyde	6.69	77	117	Below Cal	#	43
32) Benzoic acid	9.73	122	68	4.614 ng	#	1
50) Dimethylphthalate	13.69	163	174151	8.987 ng	#	99
54) 2,4-Dinitrophenol	14.36	184	28	2.797 ng	#	1
61) 4-Chlorophenyl-phenylether	15.30	204	11	Below Cal	#	1
75) Fluoranthene	19.02	202	108494	2.833 ng	#	96
78) Pyrene	19.37	202	104498	2.002 ng	#	97
84) Bis(2-ethylhexyl)phthalate	20.89	149	154818	4.586 ng	#	52

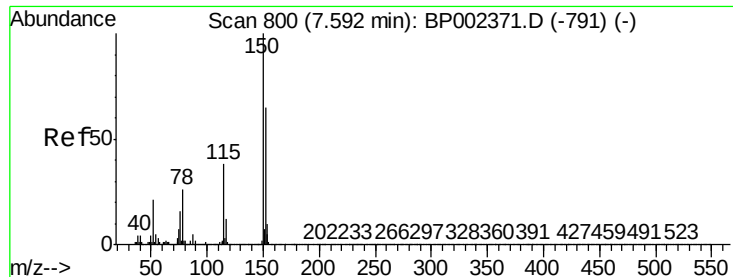
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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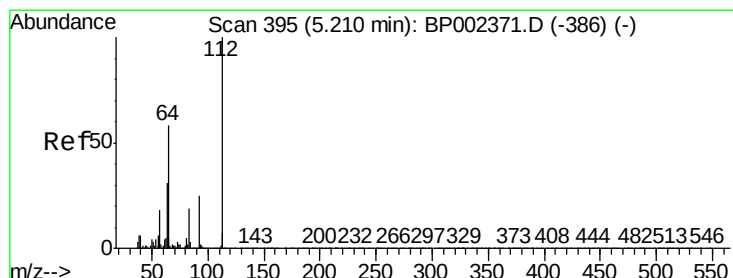
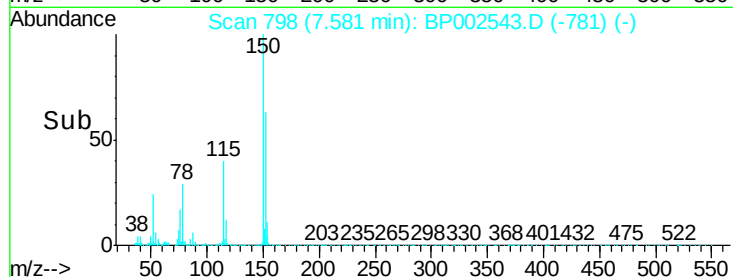
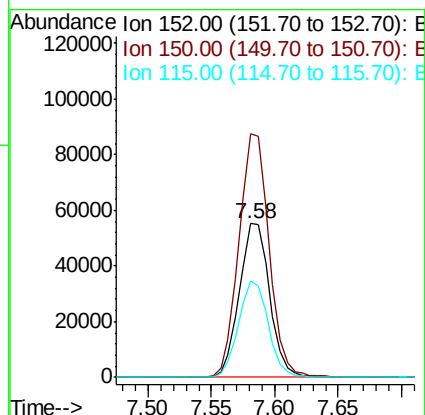
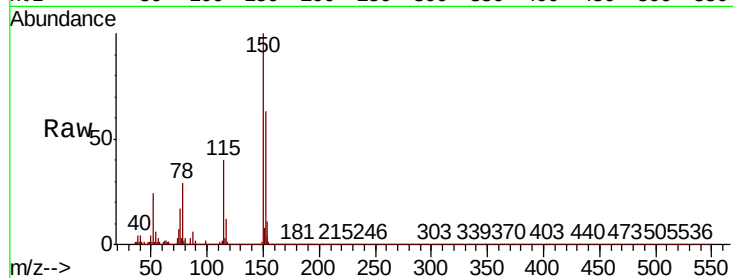


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.58 min Scan# 798
Delta R.T. -0.00 min
Lab File: BP002543.D
Acq: 25 Jun 2020 16:03

Instrument :
BNA_P
ClientSampleId :
2020-06-22-FD04

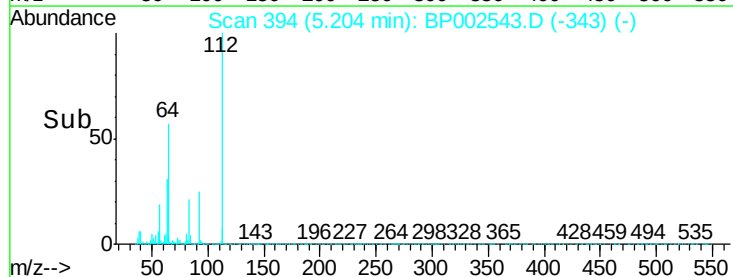
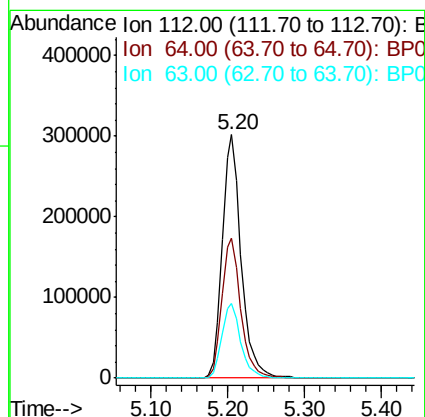
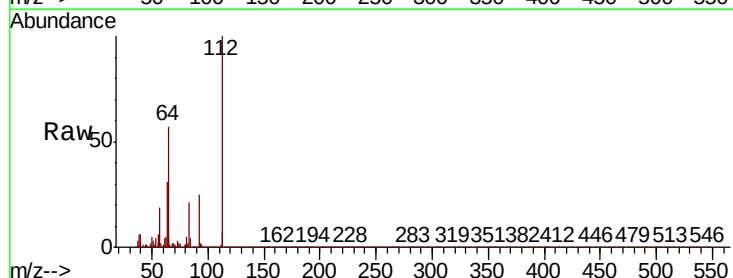
Tot Ion	Ratio	Lower	Upper
152	100		
150	158.2	124.4	186.6
115	62.9	47.8	71.6

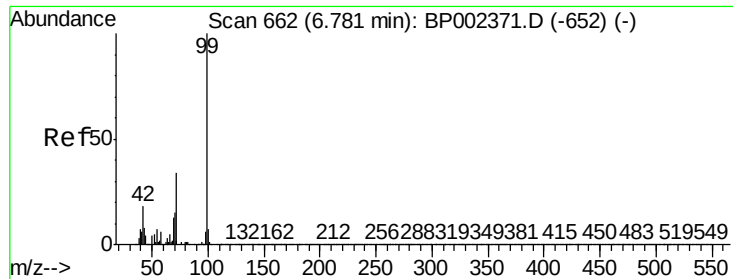


#5

2-Fluorophenol
Concen: 102.711 ng
RT: 5.20 min Scan# 394
Delta R.T. -0.00 min
Lab File: BP002543.D
Acq: 25 Jun 2020 16:03

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.2	46.4	69.6
63	30.8	25.0	37.6





#7

Phenol-d6

Concen: 109.414 ng

RT: 6.77 min Scan# 661

Delta R.T. -0.00 min

Lab File: BP002543.D

Acq: 25 Jun 2020 16:03

Instrument :

BNA_P

ClientSampleId :

2020-06-22-FD04

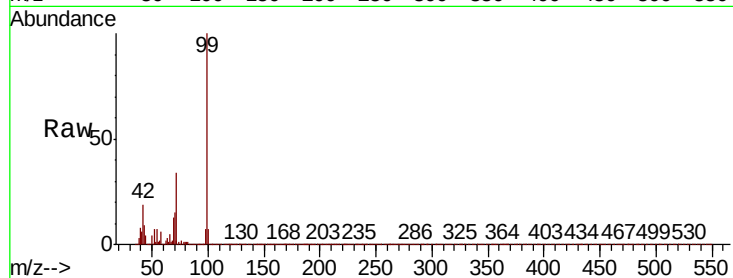
Tot Ion: 99 Resp: 723333

Ion Ratio Lower Upper

99 100

42 18.5 15.3 22.9

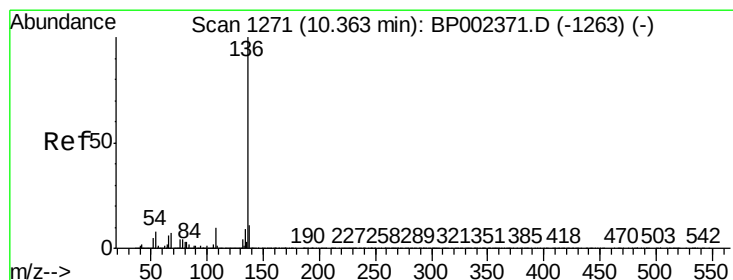
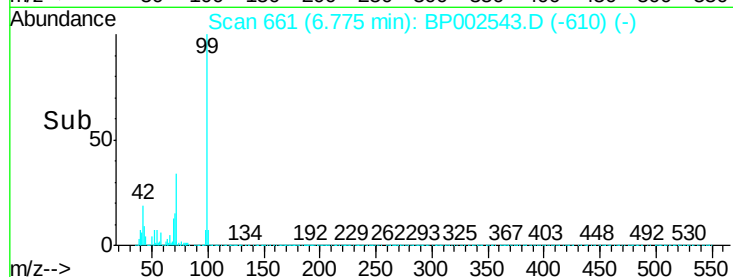
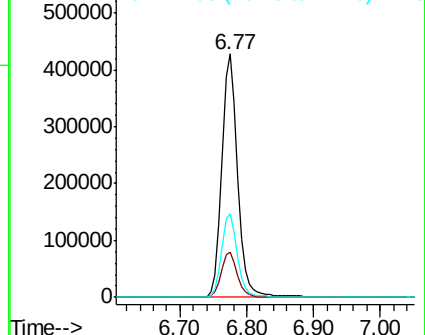
71 34.1 28.2 42.2



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: 10.36 min Scan# 1270

Delta R.T. 0.01 min

Lab File: BP002543.D

Acq: 25 Jun 2020 16:03

Tgt Ion: 136 Resp: 405016

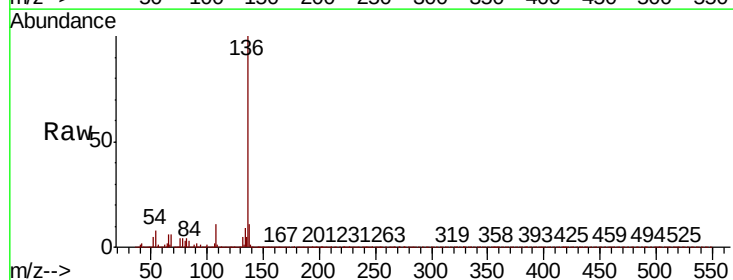
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 8.3 6.6 10.0

68 6.4 5.4 8.0

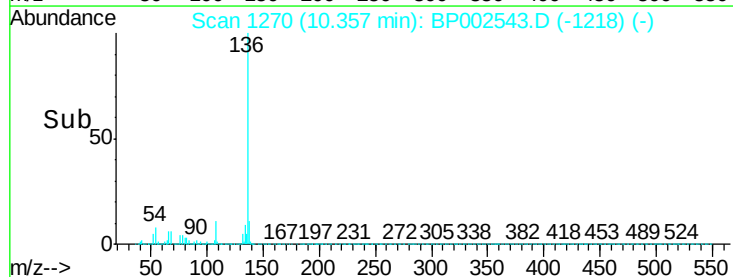
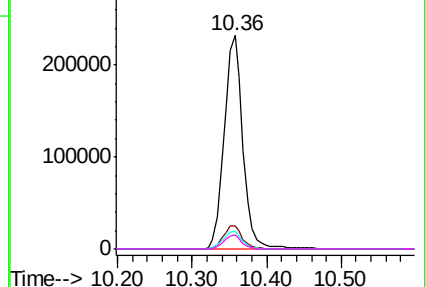


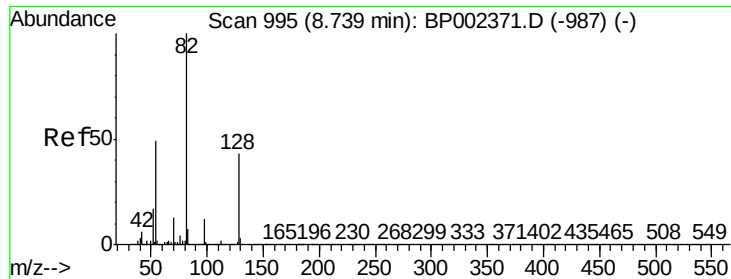
Abundance Ion 136.00 (135.70 to 136.70): E

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

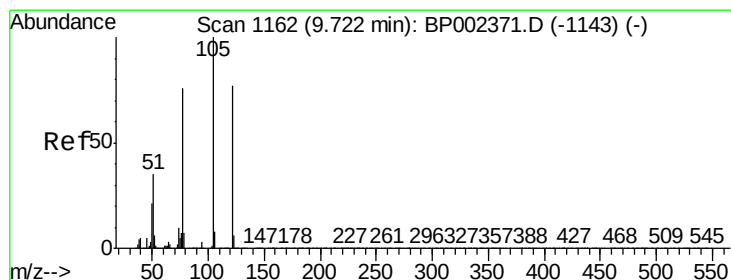
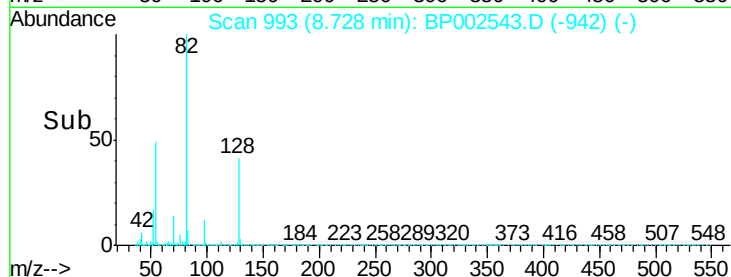
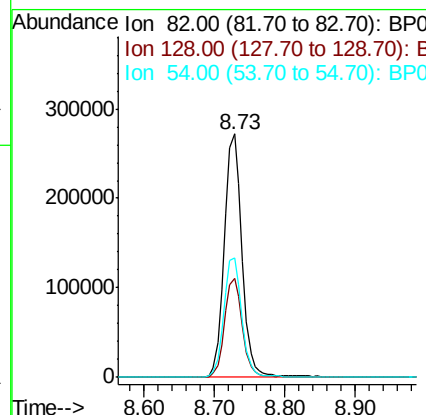
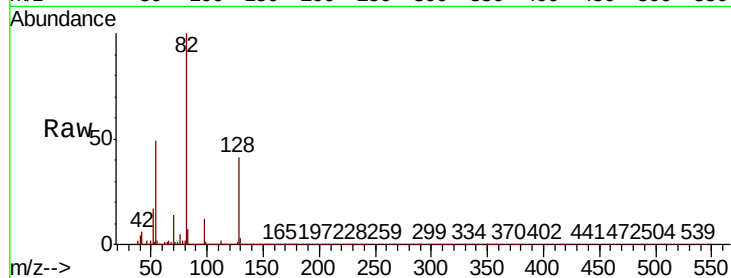




#23
 Nitrobenzene-d5
 Concen: 70.153 ng
 RT: 8.73 min Scan# 993
 Delta R.T. -0.00 min
 Lab File: BP002543.D
 Acq: 25 Jun 2020 16:03

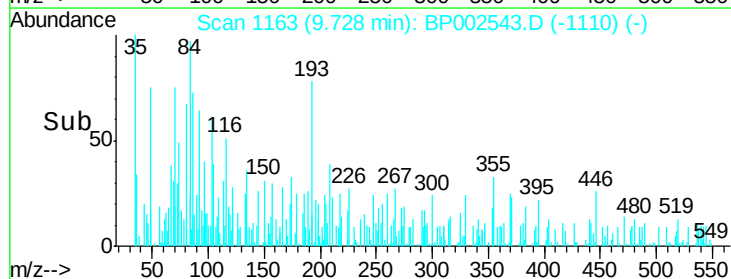
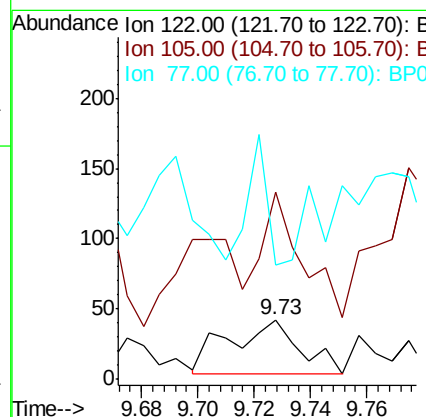
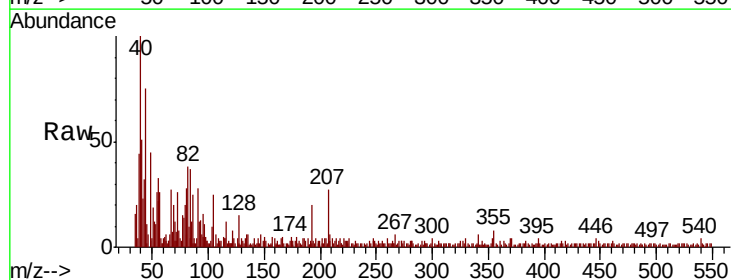
Instrument :
 BNA_P
 ClientSampleId :
 2020-06-22-FD04

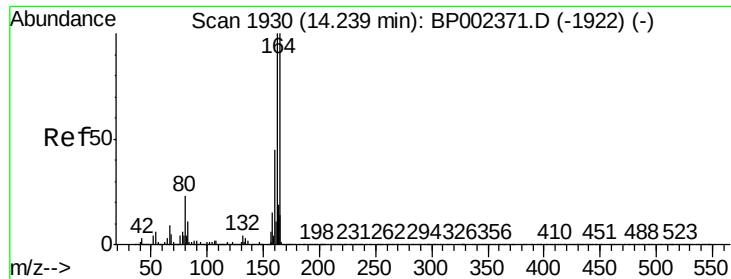
Tot Ion	82	Resp	475777
Ion Ratio	Lower	Upper	
82	100		
128	40.9	32.8	49.2
54	49.3	39.9	59.9



#32
 Benzoic acid
 Concen: 4.614 ng
 RT: 9.73 min Scan# 1163
 Delta R.T. 0.01 min
 Lab File: BP002543.D
 Acq: 25 Jun 2020 16:03

Tgt Ion	122	Resp	68
Ion Ratio	Lower	Upper	
122	100		
105	316.7	105.0	145.0#
77	192.9	76.9	116.9#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.23 min Scan# 1929

Delta R.T. 0.01 min

Lab File: BP002543.D

Acq: 25 Jun 2020 16:03

Instrument :

BNA_P

ClientSampleId :

2020-06-22-FD04

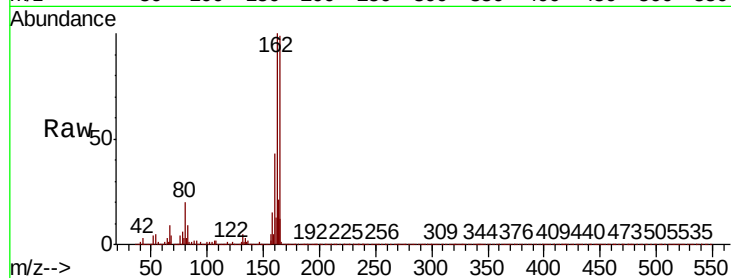
Tot Ion:164 Resp: 282817

Ion Ratio Lower Upper

164 100

162 100.5 80.6 121.0

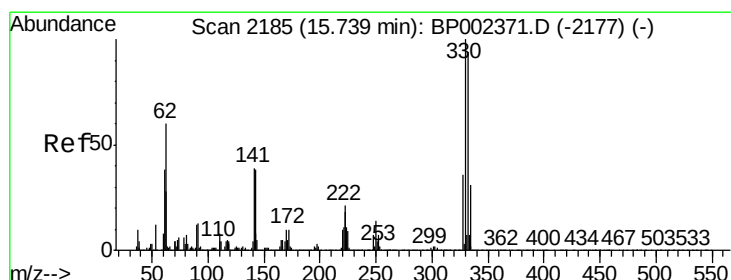
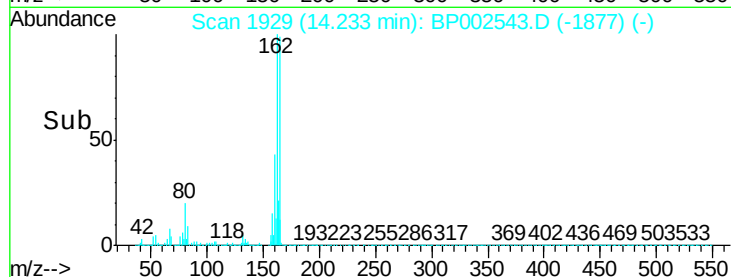
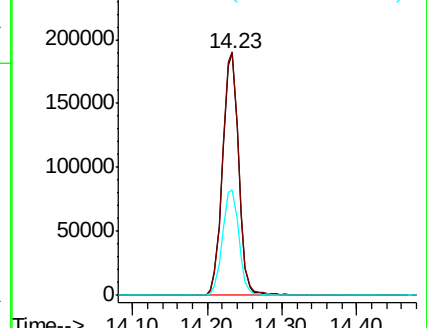
160 43.3 35.4 53.2



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: 124.014 ng

RT: 15.73 min Scan# 2184

Delta R.T. 0.01 min

Lab File: BP002543.D

Acq: 25 Jun 2020 16:03

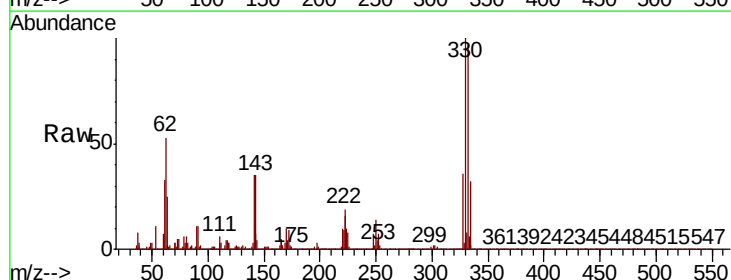
Tgt Ion:330 Resp: 335801

Ion Ratio Lower Upper

330 100

332 94.2 77.2 115.8

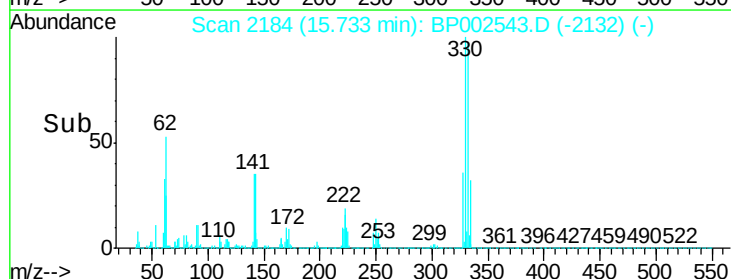
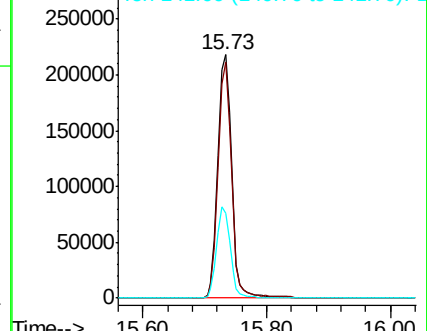
141 37.0 30.4 45.6

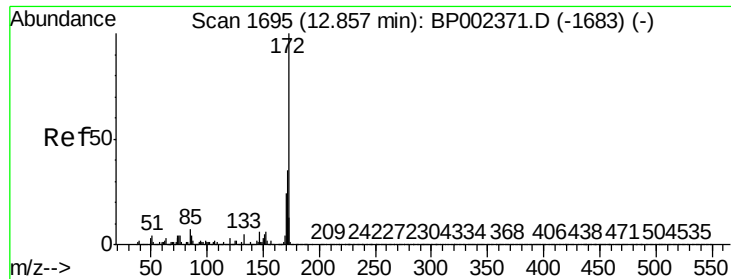


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

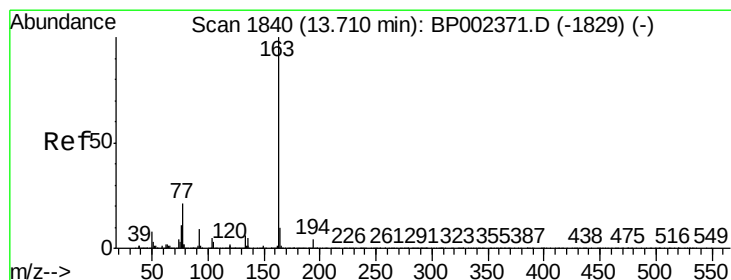
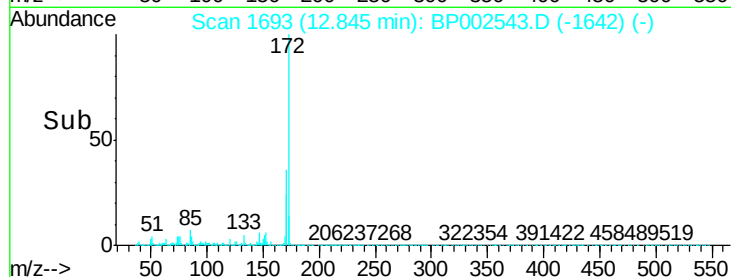
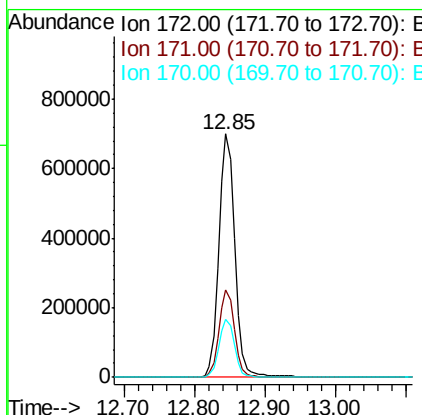
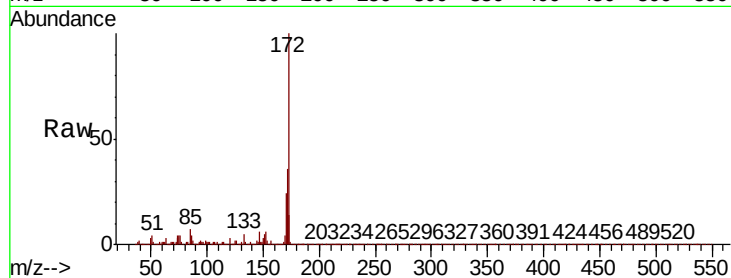




#45
2-Fluorobiphenyl
Concen: 65.607 ng
RT: 12.85 min Scan# 1693
Delta R.T. -0.00 min
Lab File: BP002543.D
Acq: 25 Jun 2020 16:03

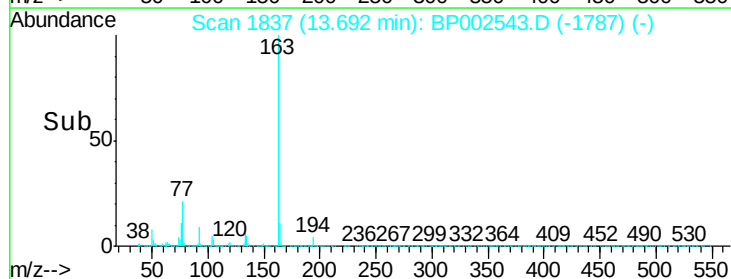
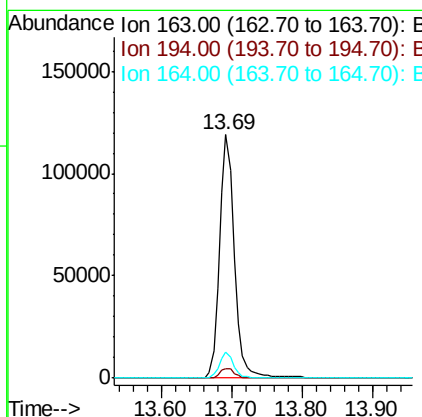
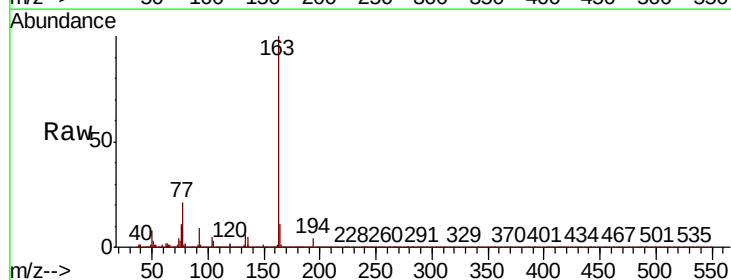
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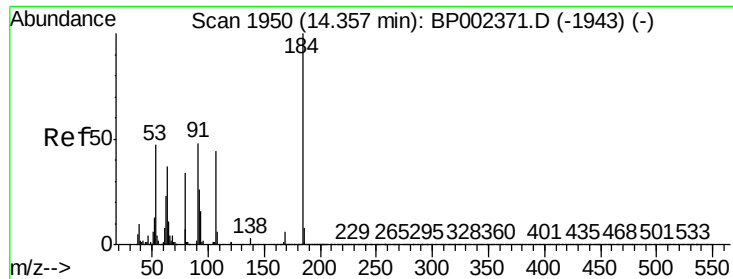
Tot Ion:172 Resp: 1103521
Ion Ratio Lower Upper
172 100
171 36.1 27.9 41.9
170 23.6 19.0 28.6



#50
Dimethylphthalate
Concen: 8.987 ng
RT: 13.69 min Scan# 1837
Delta R.T. -0.01 min
Lab File: BP002543.D
Acq: 25 Jun 2020 16:03

Tgt Ion:163 Resp: 174151
Ion Ratio Lower Upper
163 100
194 3.8 3.4 5.0
164 10.7 8.2 12.2

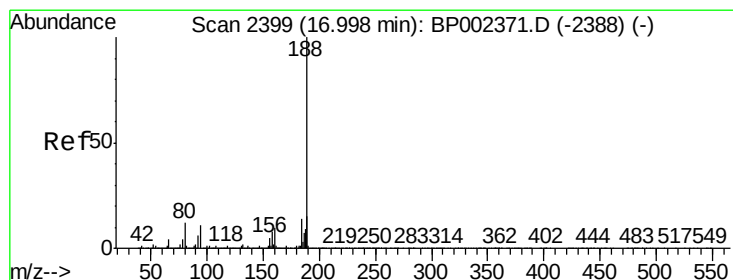
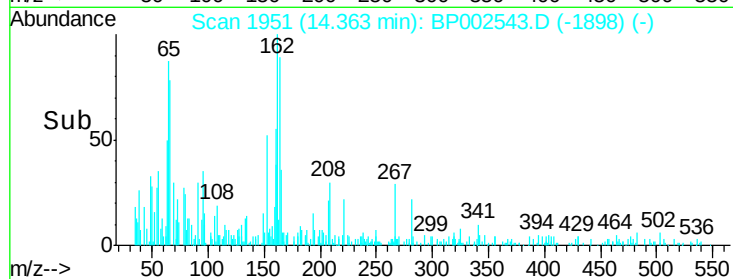
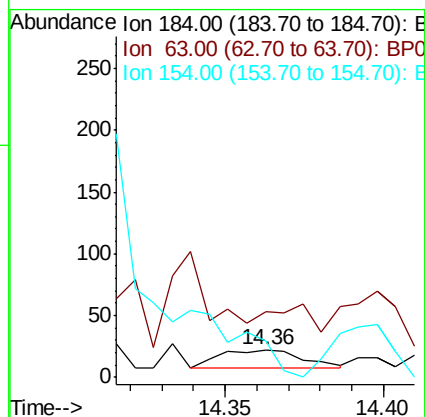
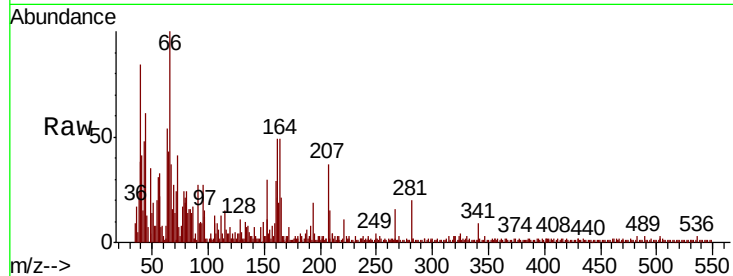




#54
 2,4-Dinitrophenol
 Concen: 2.797 ng
 RT: 14.36 min Scan# 1951
 Delta R.T. 0.01 min
 Lab File: BP002543.D
 Acq: 25 Jun 2020 16:03

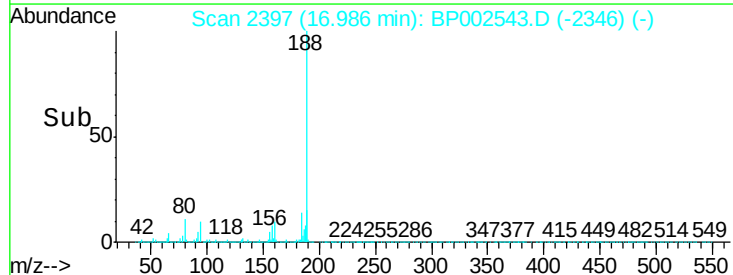
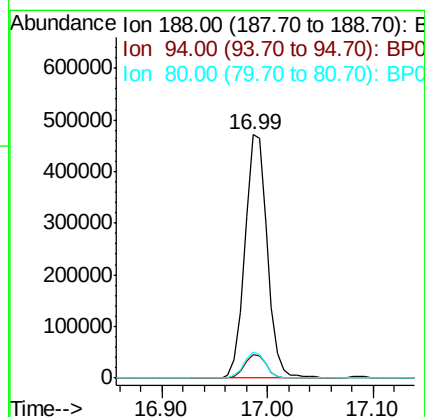
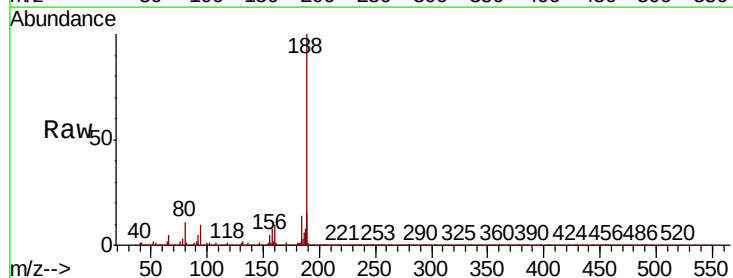
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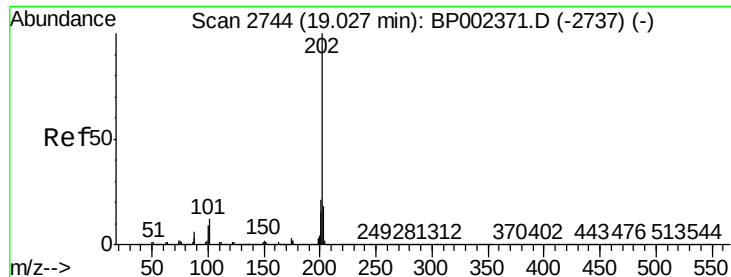
Tot Ion:184 Resp: 28
 Ion Ratio Lower Upper
 184 100
 63 240.9 51.3 76.9#
 154 131.8 50.2 75.2#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 16.99 min Scan# 2397
 Delta R.T. -0.00 min
 Lab File: BP002543.D
 Acq: 25 Jun 2020 16:03

Tgt Ion:188 Resp: 685928
 Ion Ratio Lower Upper
 188 100
 94 9.7 7.6 11.4
 80 10.5 8.3 12.5





#75

Fluoranthene

Concen: 2.833 ng

RT: 19.02 min Scan# 2742

Delta R.T. -0.00 min

Lab File: BP002543.D

Acq: 25 Jun 2020 16:03

Instrument :

BNA_P

ClientSampleId :

2020-06-22-FD04

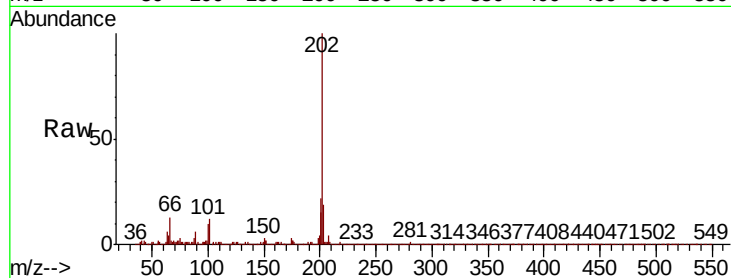
Tot Ion:202 Resp: 108494

Ion Ratio Lower Upper

202 100

101 12.0 0.0 30.3

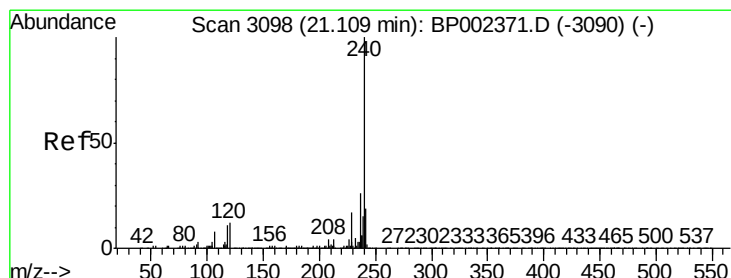
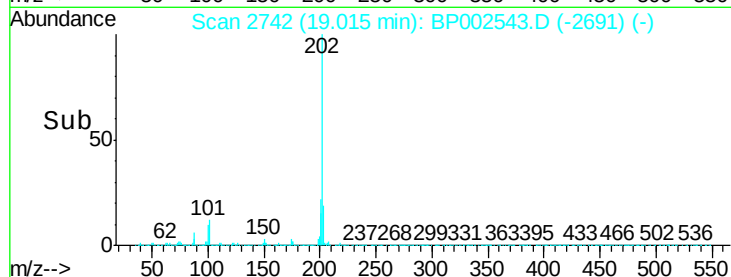
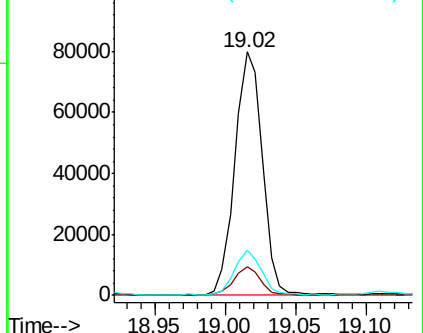
203 18.8 0.0 36.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.10 min Scan# 3096

Delta R.T. 0.01 min

Lab File: BP002543.D

Acq: 25 Jun 2020 16:03

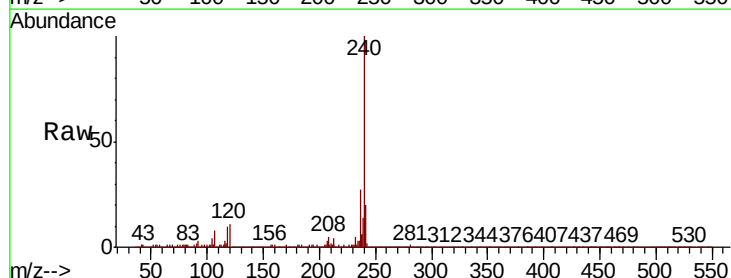
Tgt Ion:240 Resp: 852356

Ion Ratio Lower Upper

240 100

120 11.1 8.9 13.3

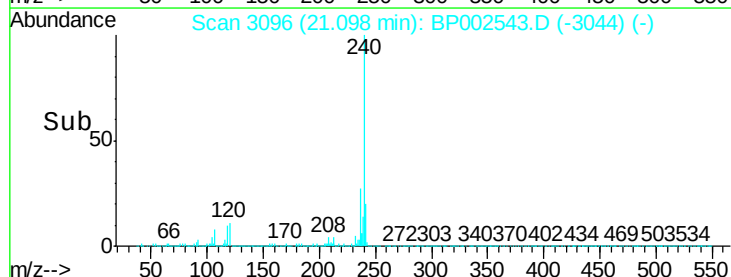
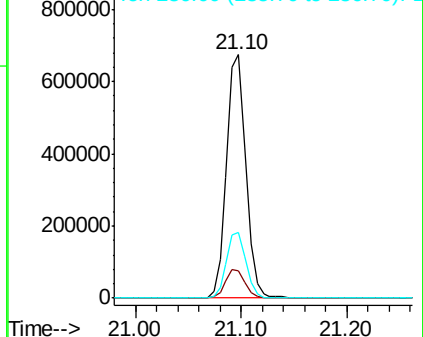
236 27.2 21.7 32.5

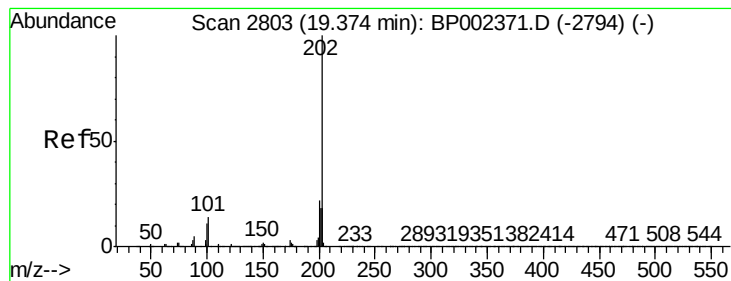


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Pvrene

Concen: 2.002 ng

RT: 19.37 min Scan# 2802

Delta R.T. 0.01 min

Lab File: BP002543.D

Acq: 25 Jun 2020 16:03

Instrument :

BNA_P

ClientSampleId :

2020-06-22-FD04

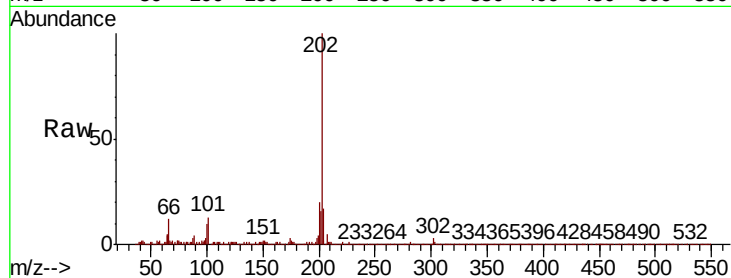
Tot Ion:202 Resp: 104498

Ion Ratio Lower Upper

202 100

200 20.0 17.4 26.2

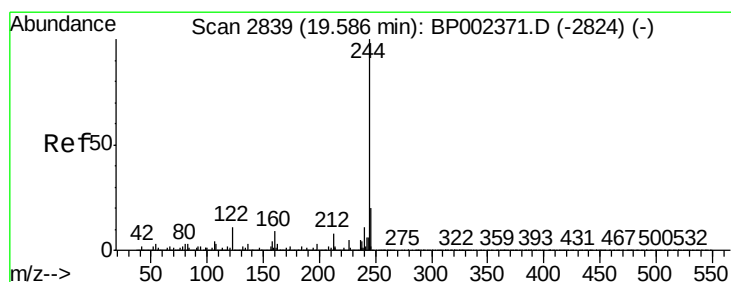
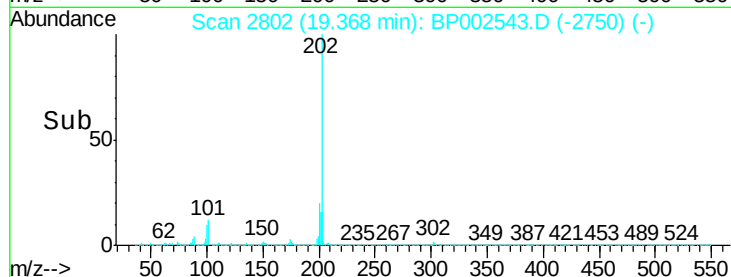
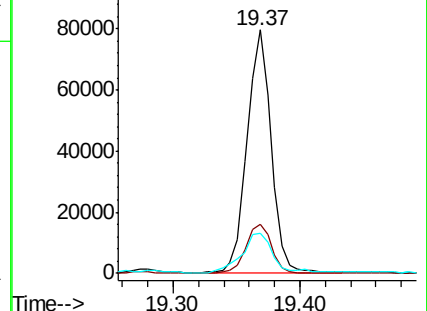
203 16.6 14.1 21.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#79

Terphenyl-d14

Concen: 59.404 ng

RT: 19.58 min Scan# 2838

Delta R.T. 0.01 min

Lab File: BP002543.D

Acq: 25 Jun 2020 16:03

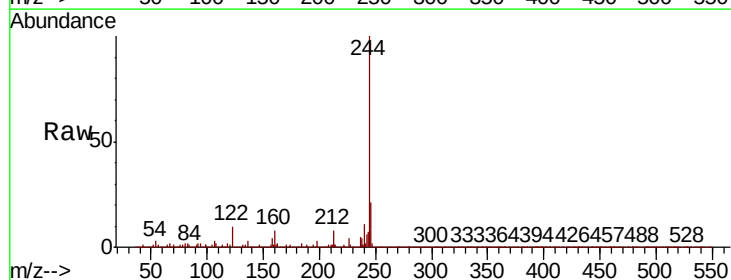
Tgt Ion:244 Resp: 2247101

Ion Ratio Lower Upper

244 100

212 7.8 6.5 9.7

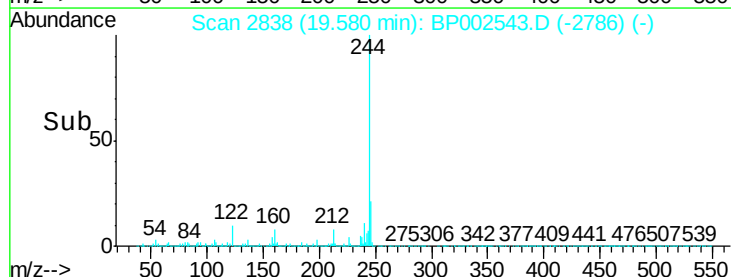
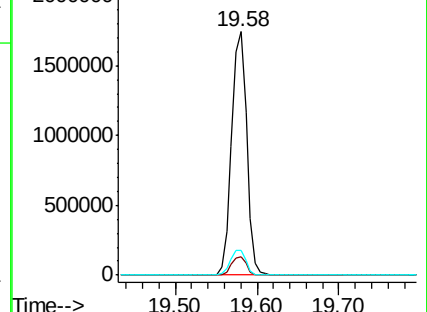
122 10.2 8.0 12.0

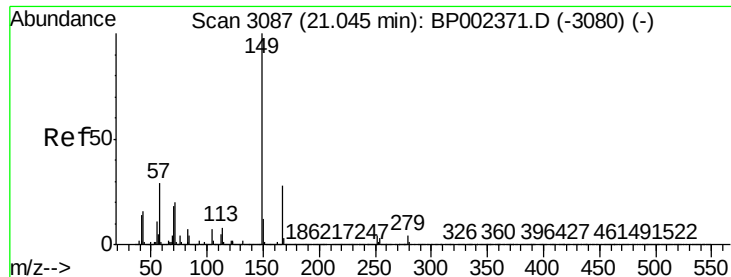


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 4.586 ng

RT: 20.89 min Scan# 3060

Delta R.T. -0.15 min

Lab File: BP002543.D

Acq: 25 Jun 2020 16:03

Instrument :

BNA_P

ClientSampleId :

2020-06-22-FD04

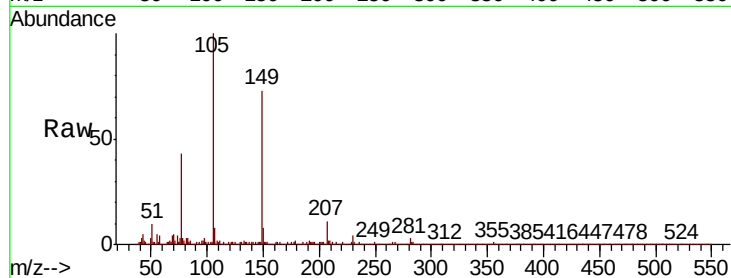
Tot Ion:149 Resp: 154818

Ion Ratio Lower Upper

149 100

167 0.5 23.2 34.8#

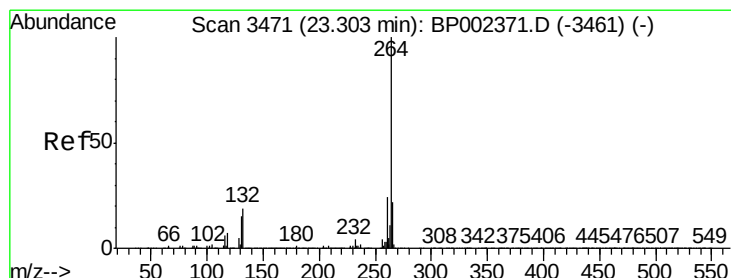
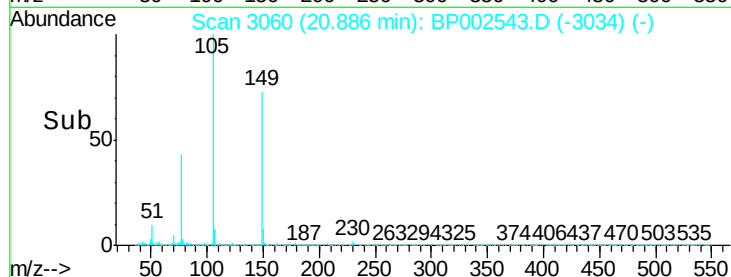
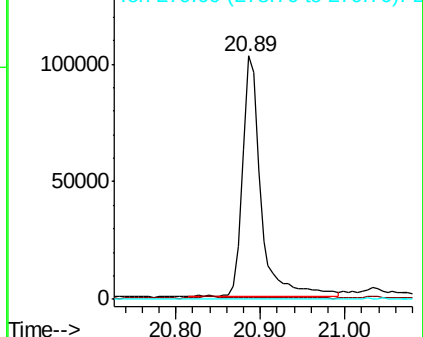
279 0.2 3.8 5.8#



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: BP002543.D

Acq: 25 Jun 2020 16:03

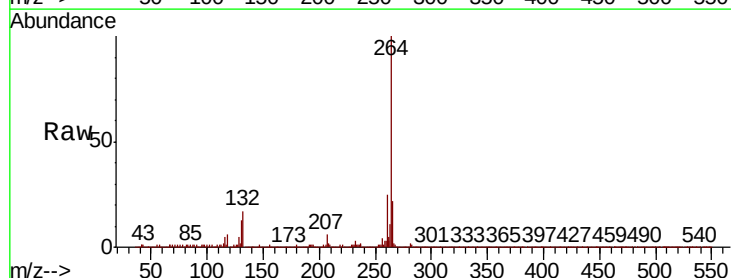
Tgt Ion:264 Resp: 1044431

Ion Ratio Lower Upper

264 100

260 25.0 19.7 29.5

265 22.0 17.6 26.4



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

