

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP062420\
 Data File : BP002526.D
 Acq On : 24 Jun 2020 17:01
 Operator : CG/JU
 Sample : L3094-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: Jun 24 17:32:49 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

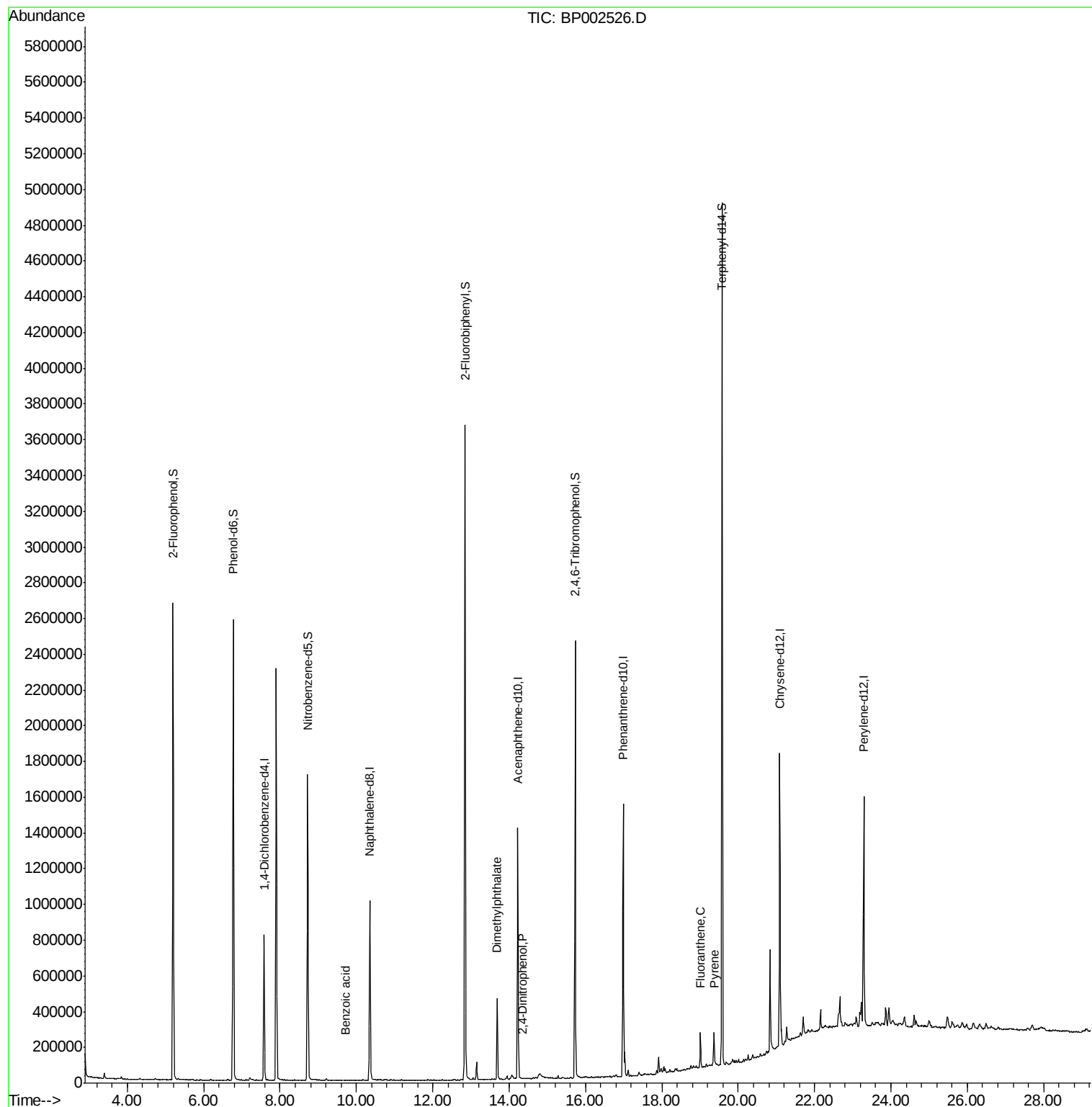
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	212892	20.00	ng	0.00
21) Naphthalene-d8	10.35	136	824976	20.00	ng	0.00
39) Acenaphthene-d10	14.23	164	464769	20.00	ng	0.00
64) Phenanthrene-d10	16.99	188	909730	20.00	ng	0.00
76) Chrysene-d12	21.09	240	776844	20.00	ng	0.00
86) Perylene-d12	23.29	264	889167	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	1152397	100.16	ng	0.00
7) Phenol-d6	6.77	99	1480816	96.67	ng	0.00
23) Nitrobenzene-d5	8.72	82	981852	71.07	ng	0.00
42) 2,4,6-Tribromophenol	15.73	330	452775	101.75	ng	0.00
45) 2-Fluorobiphenyl	12.85	172	1972208	71.35	ng	0.00
79) Terphenyl-d14	19.57	244	2344243	73.96	ng	0.00
Target Compounds						
9) Benzaldehyde	6.77	77	2745	Below Cal	#	6
32) Benzoic acid	9.71	122	119	4.612 ng		95
50) Dimethylphthalate	13.69	163	307699	9.662 ng		99
54) 2,4-Dinitrophenol	14.35	184	36	2.794 ng	#	1
61) 4-Chlorophenyl-phenylether	15.29	204	50	Below Cal	#	53
75) Fluoranthene	19.01	202	114078	2.246 ng		96
78) Pyrene	19.36	202	107382	2.257 ng		98

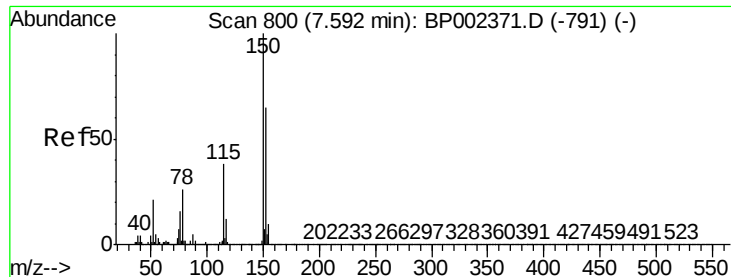
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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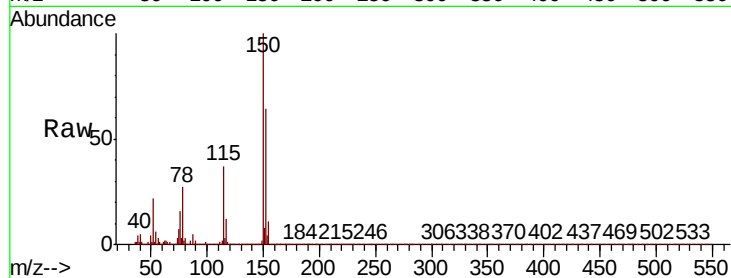


#1

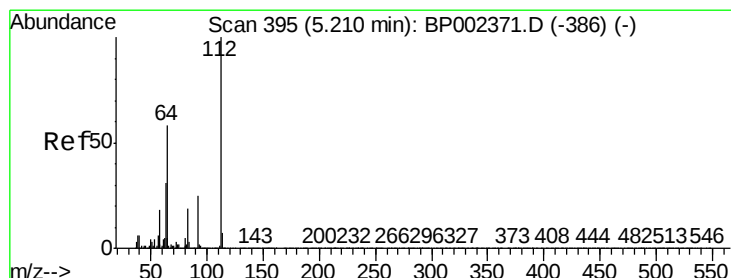
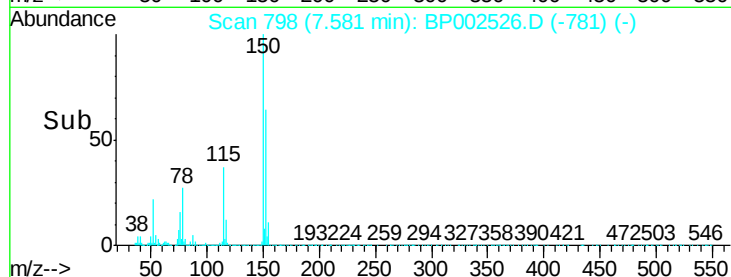
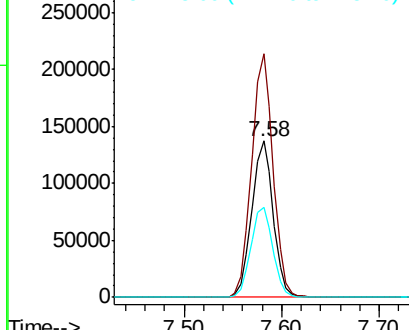
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.58 min Scan# 798
Delta R.T. 0.00 min
Lab File: BP002526.D
Acq: 24 Jun 2020 17:01

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

Tot Ion:152 Resp: 212892
Ion Ratio Lower Upper
152 100
150 156.0 124.4 186.6
115 57.4 47.8 71.6



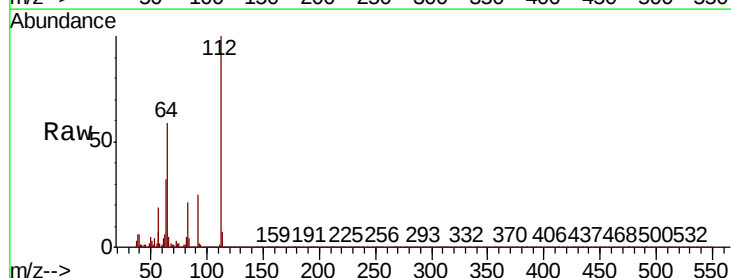
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



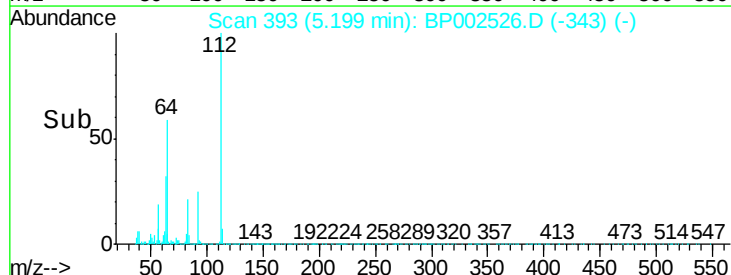
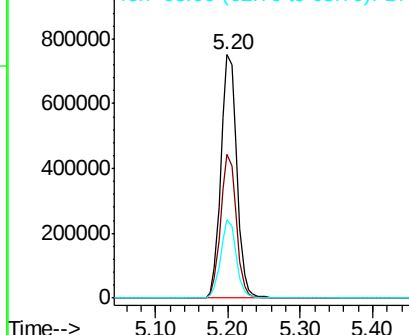
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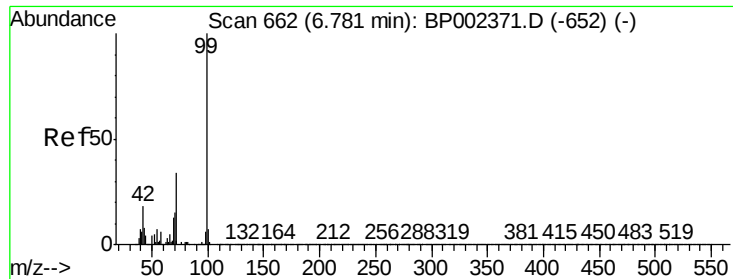
2-Fluorophenol
Concen: 100.164 ng
RT: 5.20 min Scan# 393
Delta R.T. -0.01 min
Lab File: BP002526.D
Acq: 24 Jun 2020 17:01

Tgt Ion:112 Resp: 1152397
Ion Ratio Lower Upper
112 100
64 58.9 46.4 69.6
63 32.0 25.0 37.6



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BP0
Ion 63.00 (62.70 to 63.70): BP0





#7

Phenol-d6

Concen: 96.673 ng

RT: 6.77 min Scan# 660

Delta R.T. -0.01 min

Lab File: BP002526.D

Acq: 24 Jun 2020 17:01

Instrument :

BNA_P

ClientSampleId :

2020-06-22-FD04

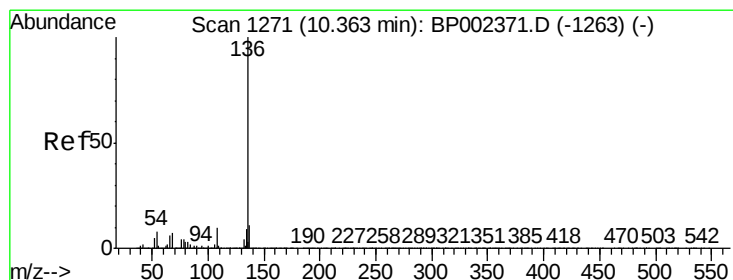
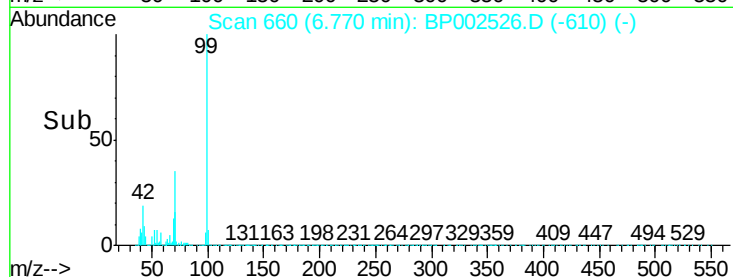
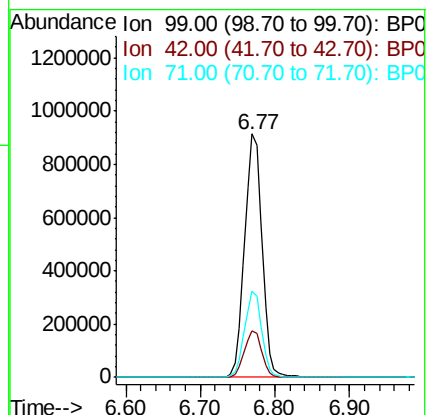
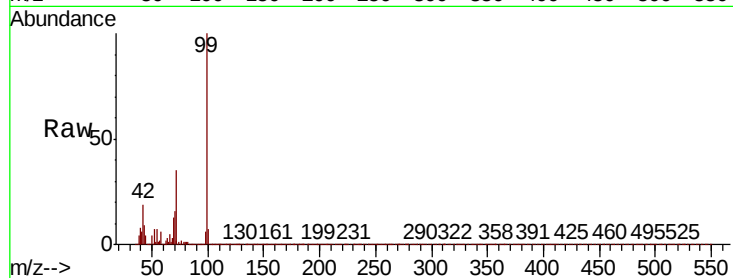
Tot Ion: 99 Resp: 1480816

Ion Ratio Lower Upper

99 100

42 19.1 15.3 22.9

71 35.3 28.2 42.2



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.35 min Scan# 1269

Delta R.T. 0.00 min

Lab File: BP002526.D

Acq: 24 Jun 2020 17:01

Tgt Ion: 136 Resp: 824976

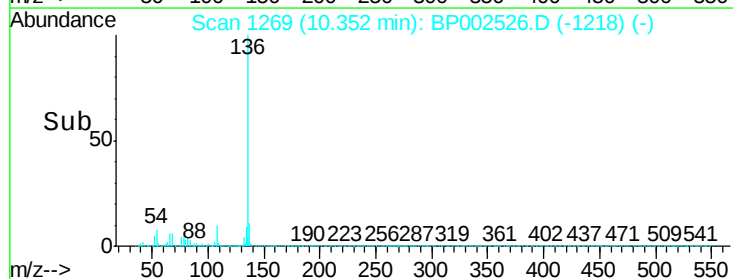
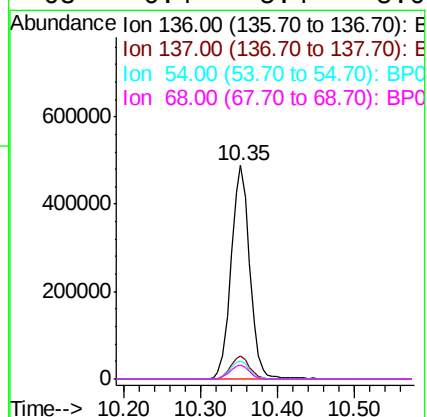
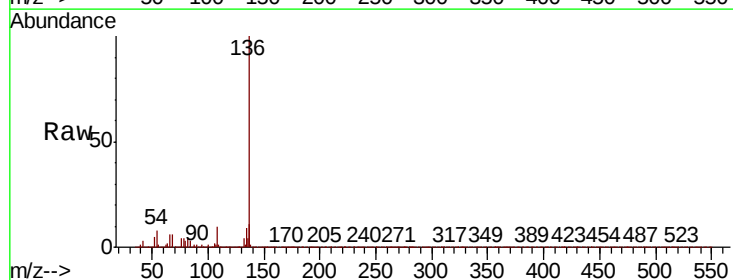
Ion Ratio Lower Upper

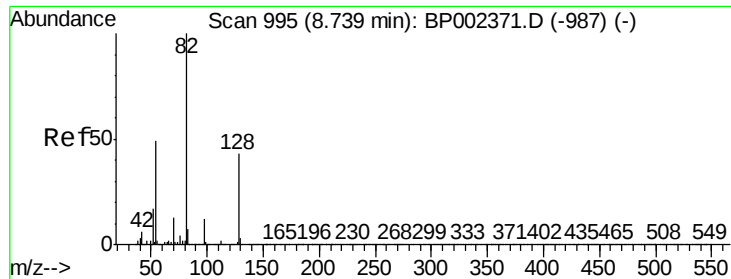
136 100

137 10.5 8.9 13.3

54 8.2 6.6 10.0

68 6.4 5.4 8.0

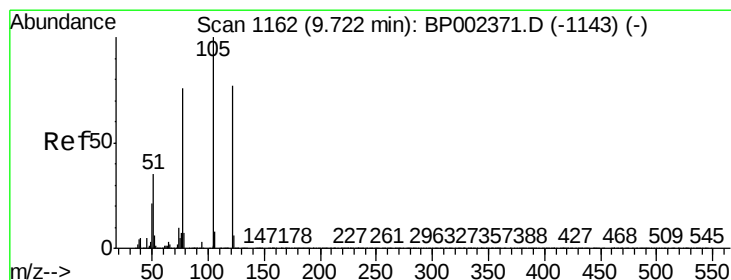
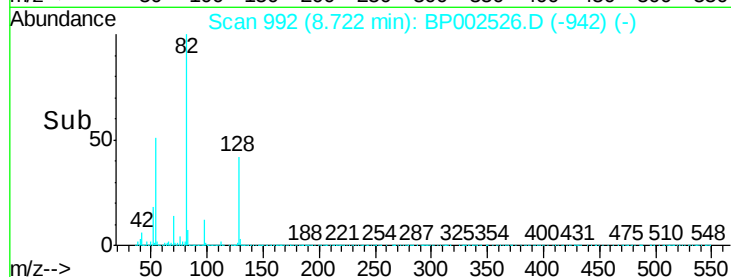
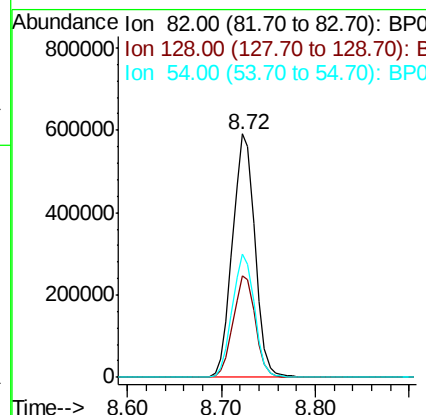
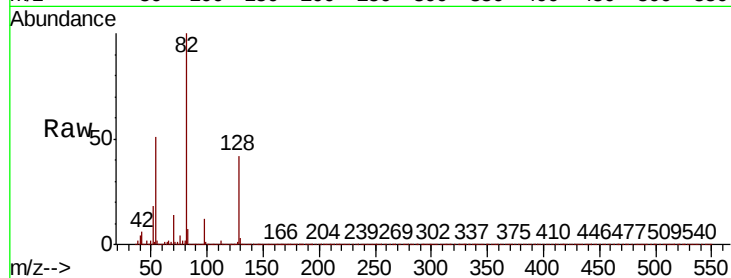




#23
 Nitrobenzene-d5
 Concen: 71.075 ng
 RT: 8.72 min Scan# 992
 Delta R.T. -0.01 min
 Lab File: BP002526.D
 Acq: 24 Jun 2020 17:01

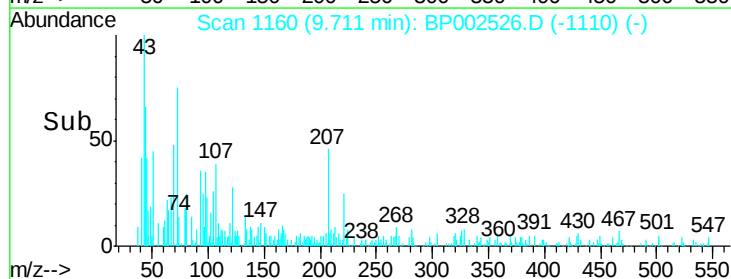
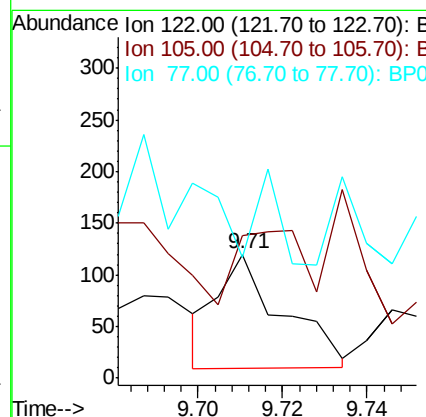
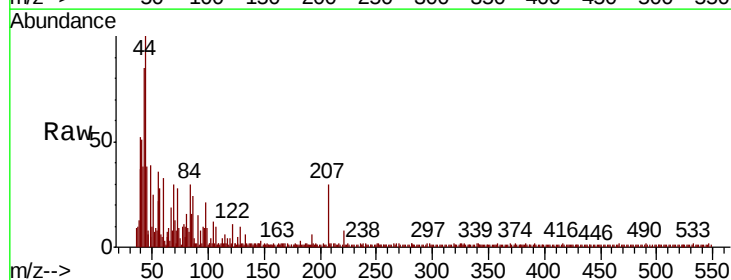
Instrument :
 BNA_P
 ClientSampleId :
 2020-06-22-FD04

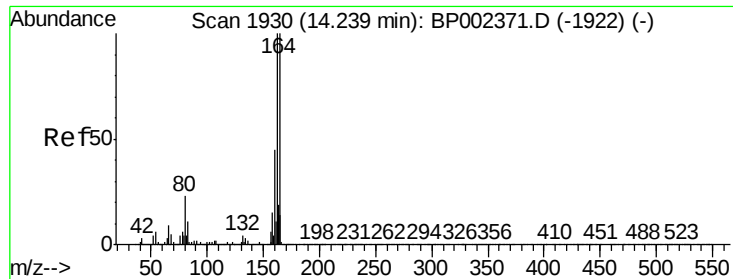
Tot Ion	82	Resp	981852
Ion Ratio	Lower	Upper	
82	100		
128	41.8	32.8	49.2
54	50.5	39.9	59.9



#32
 Benzoic acid
 Concen: 4.612 ng
 RT: 9.71 min Scan# 1160
 Delta R.T. -0.01 min
 Lab File: BP002526.D
 Acq: 24 Jun 2020 17:01

Tgt Ion	122	Resp	119
Ion Ratio	Lower	Upper	
122	100		
105	115.0	105.0	145.0
77	97.5	76.9	116.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.23 min Scan# 1928

Delta R.T. 0.00 min

Lab File: BP002526.D

Acq: 24 Jun 2020 17:01

Instrument :

BNA_P

ClientSampleId :

2020-06-22-FD04

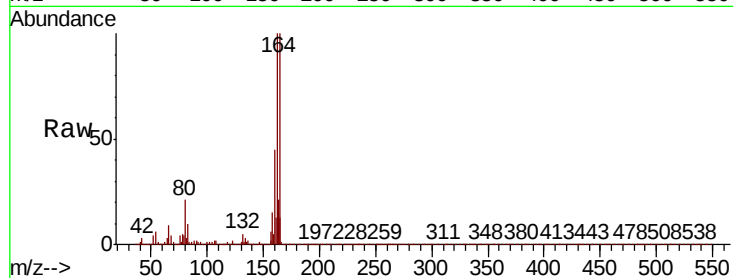
Tot Ion:164 Resp: 464769

Ion Ratio Lower Upper

164 100

162 99.9 80.6 121.0

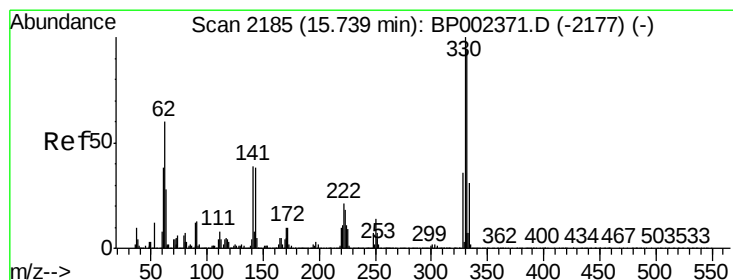
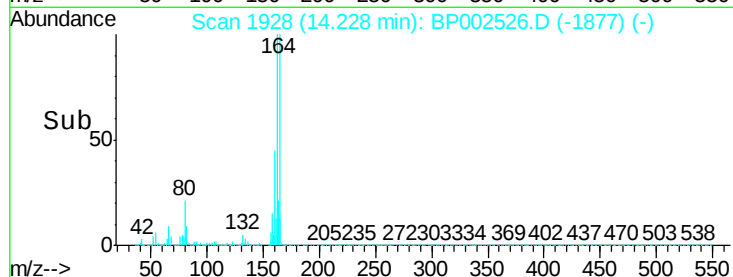
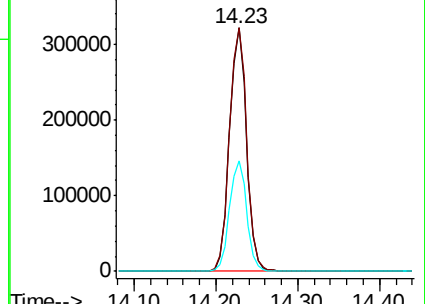
160 45.5 35.4 53.2



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: 101.751 ng

RT: 15.73 min Scan# 2183

Delta R.T. 0.00 min

Lab File: BP002526.D

Acq: 24 Jun 2020 17:01

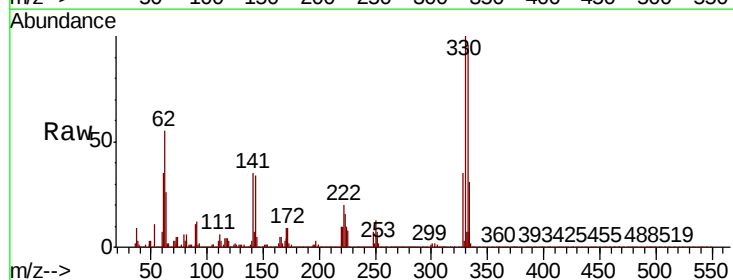
Tgt Ion:330 Resp: 452775

Ion Ratio Lower Upper

330 100

332 96.3 77.2 115.8

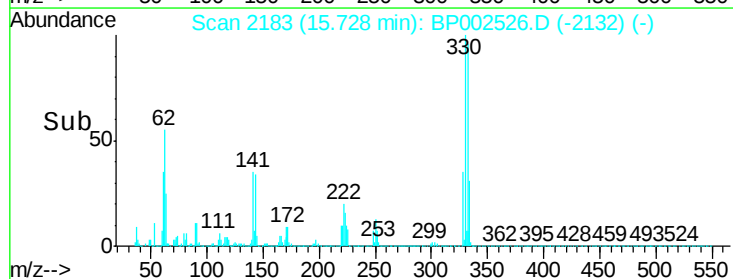
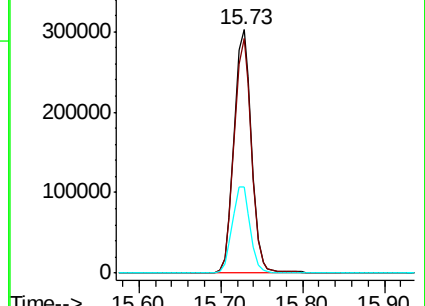
141 36.4 30.4 45.6

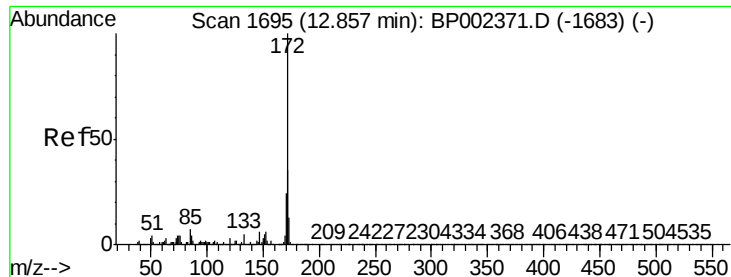


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

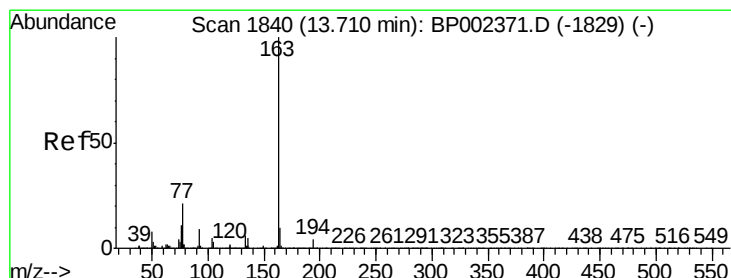
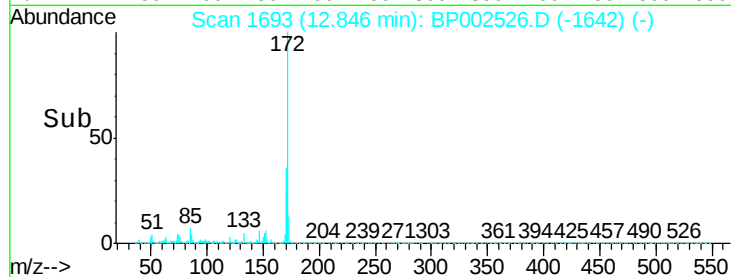
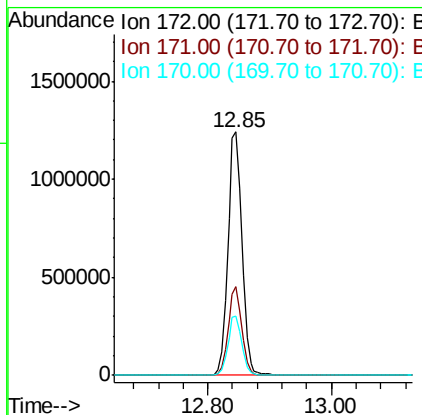
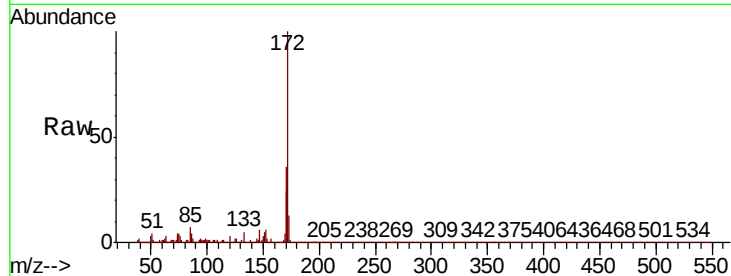




#45
2-Fluorobiphenyl
Concen: 71.350 ng
RT: 12.85 min Scan# 1693
Delta R.T. 0.00 min
Lab File: BP002526.D
Acq: 24 Jun 2020 17:01

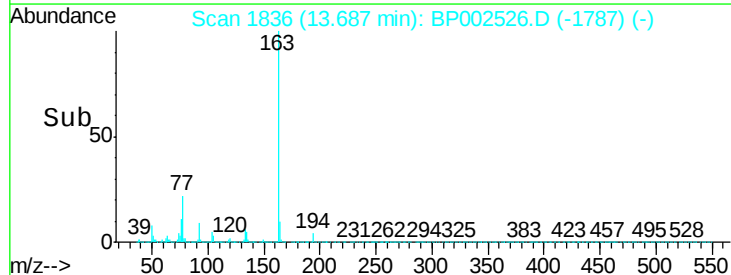
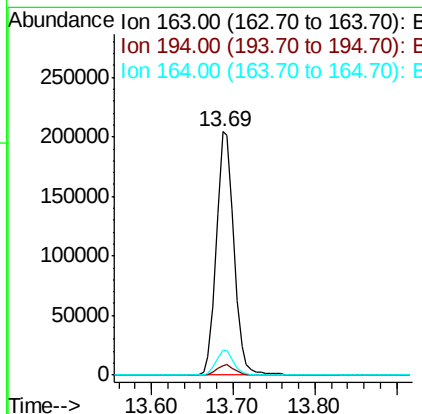
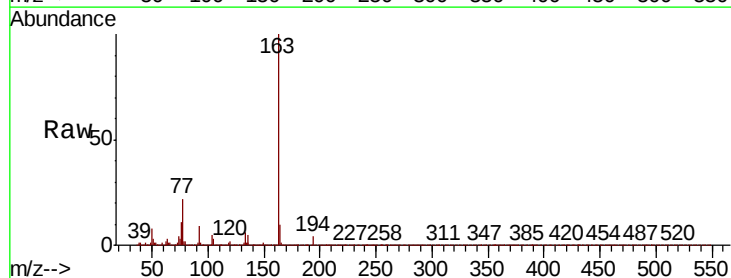
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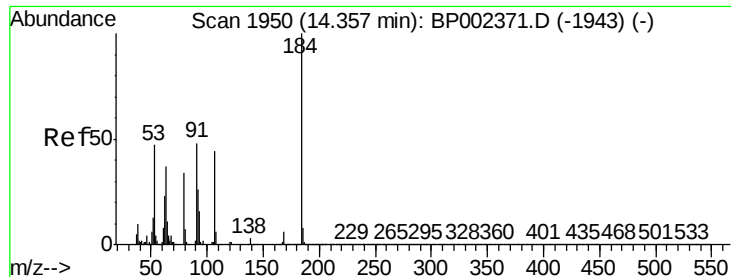
Tot Ion:172 Resp: 1972208
Ion Ratio Lower Upper
172 100
171 36.3 27.9 41.9
170 24.2 19.0 28.6



#50
Dimethylphthalate
Concen: 9.662 ng
RT: 13.69 min Scan# 1836
Delta R.T. -0.01 min
Lab File: BP002526.D
Acq: 24 Jun 2020 17:01

Tgt Ion:163 Resp: 307699
Ion Ratio Lower Upper
163 100
194 4.0 3.4 5.0
164 10.4 8.2 12.2

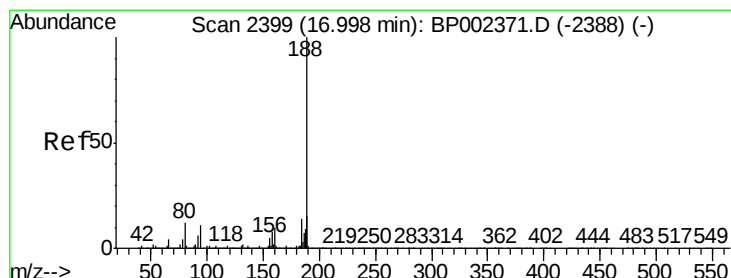
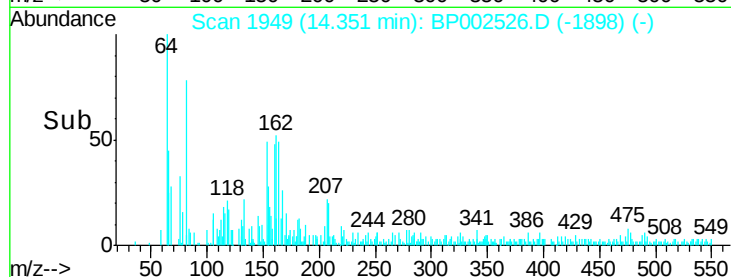
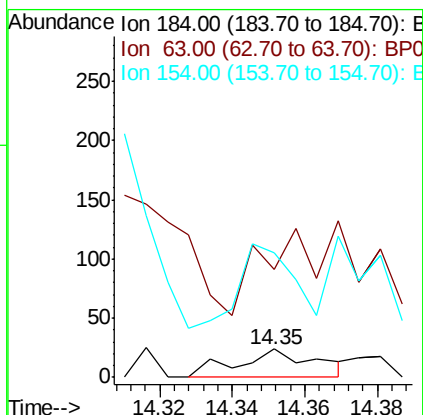
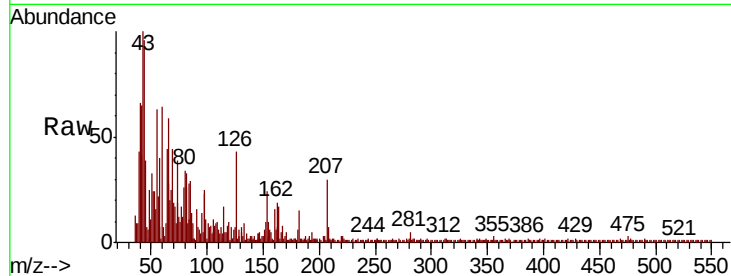




#54
2,4-Dinitrophenol
Concen: 2.794 ng
RT: 14.35 min Scan# 1949
Delta R.T. 0.00 min
Lab File: BP002526.D
Acq: 24 Jun 2020 17:01

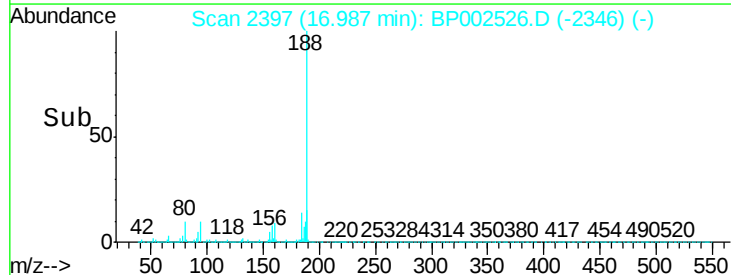
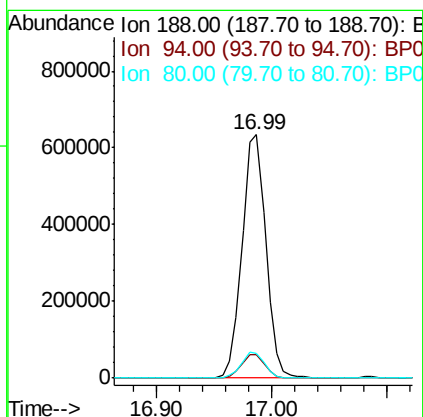
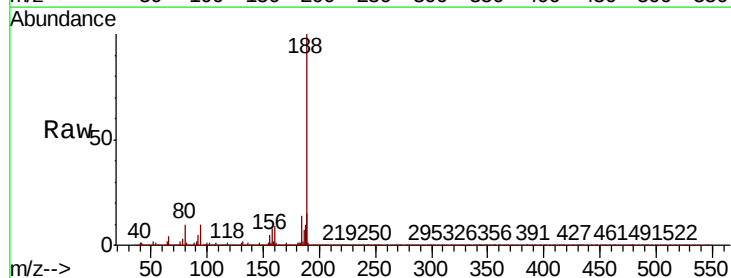
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2020-06-22-FD04

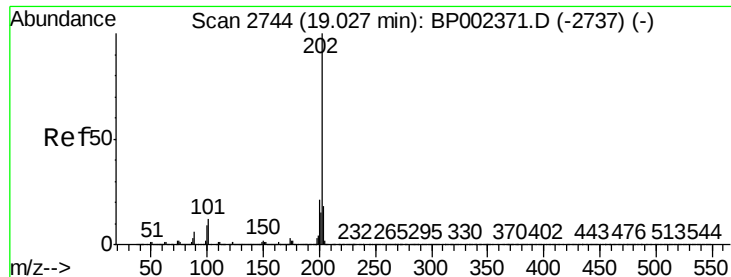
Tot Ion:184 Resp: 36
Ion Ratio Lower Upper
184 100
63 379.2 51.3 76.9#
154 437.5 50.2 75.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.99 min Scan# 2397
Delta R.T. 0.00 min
Lab File: BP002526.D
Acq: 24 Jun 2020 17:01

Tgt Ion:188 Resp: 909730
Ion Ratio Lower Upper
188 100
94 9.7 7.6 11.4
80 10.4 8.3 12.5





#75

Fluoranthene

Concen: 2.246 ng

RT: 19.01 min Scan# 2741

Delta R.T. -0.01 min

Lab File: BP002526.D

Acq: 24 Jun 2020 17:01

Instrument :

BNA_P

ClientSampleId :

2020-06-22-FD04

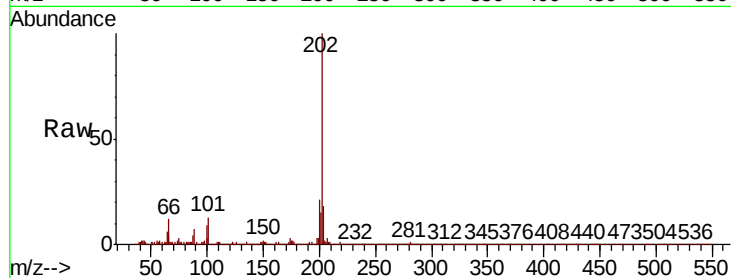
Tot Ion:202 Resp: 114078

Ion Ratio Lower Upper

202 100

101 13.2 0.0 30.3

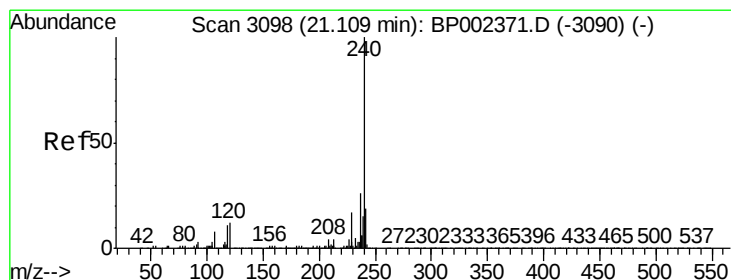
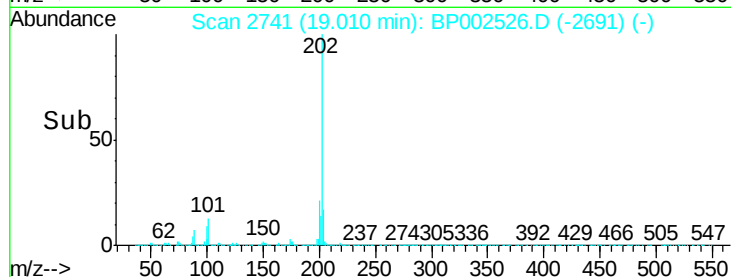
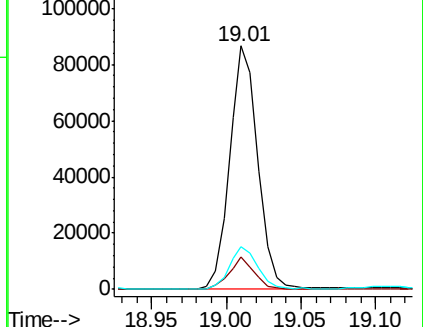
203 17.5 0.0 36.9



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: 21.09 min Scan# 3095

Delta R.T. 0.00 min

Lab File: BP002526.D

Acq: 24 Jun 2020 17:01

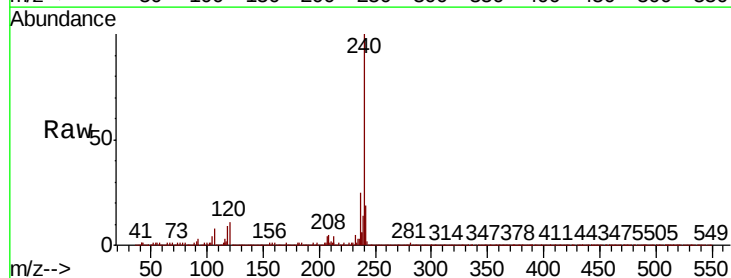
Tgt Ion:240 Resp: 776844

Ion Ratio Lower Upper

240 100

120 10.9 8.9 13.3

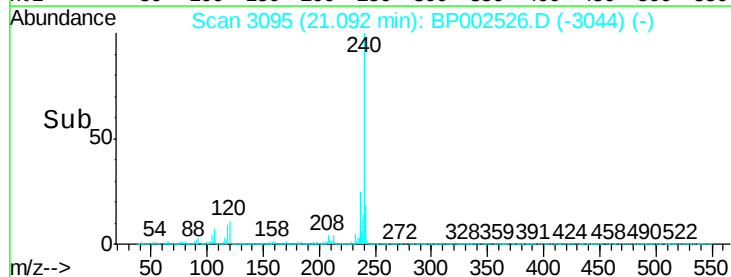
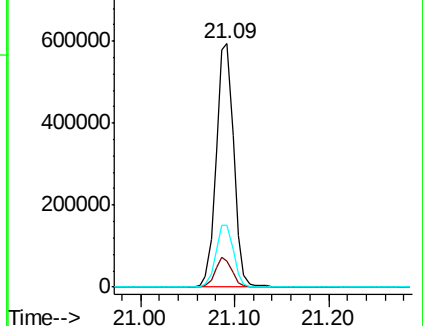
236 25.4 21.7 32.5

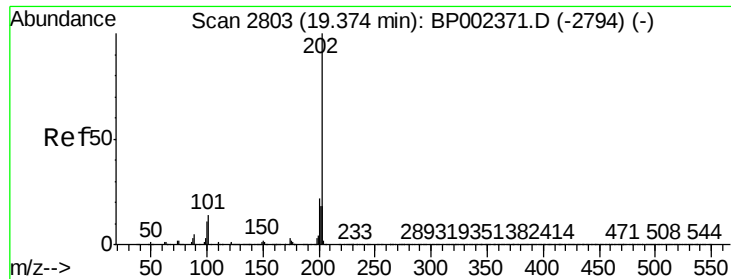


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

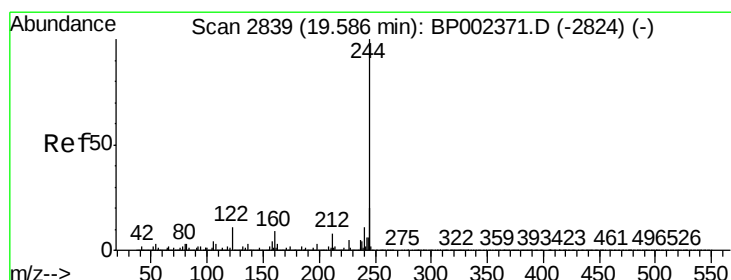
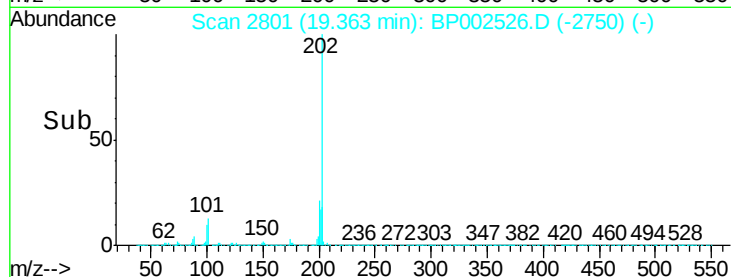
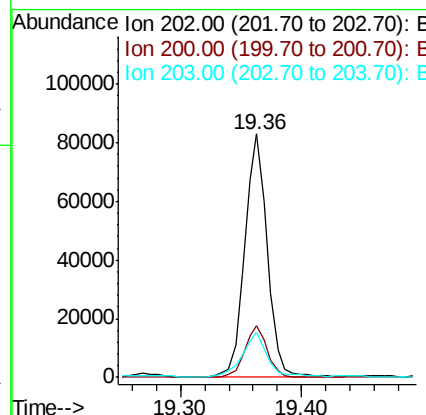
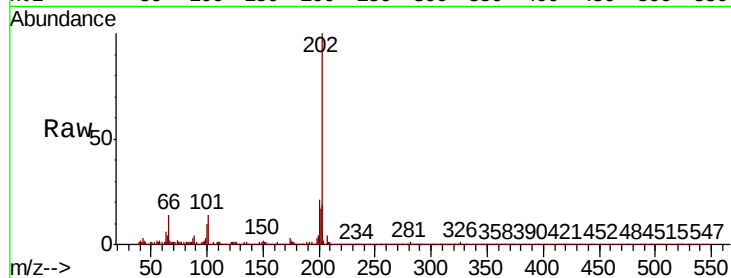




#78
Pvrene
Concen: 2.257 ng
RT: 19.36 min Scan# 2801
Delta R.T. 0.00 min
Lab File: BP002526.D
Acq: 24 Jun 2020 17:01

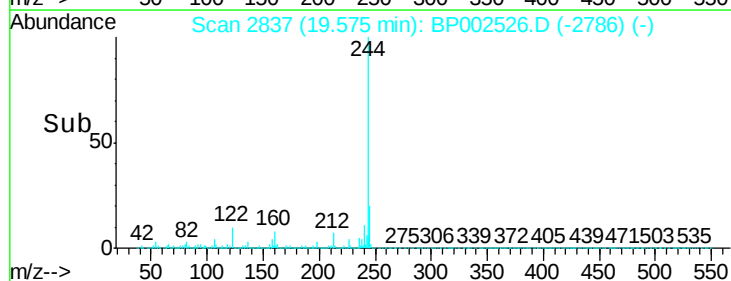
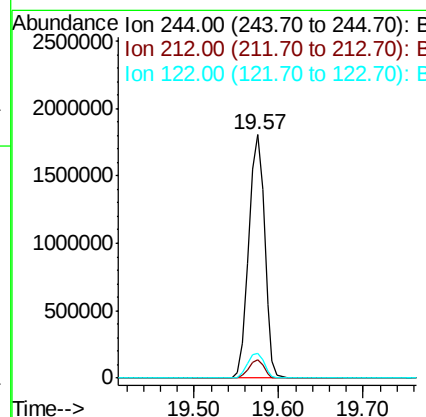
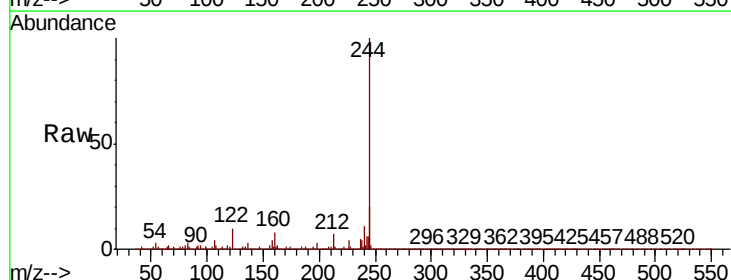
Instrument :
BNA_P
ClientSampleId :
2020-06-22-FD04

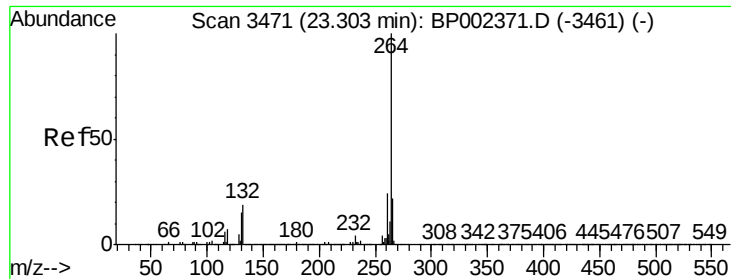
Tot Ion:202 Resp: 107382
Ion Ratio Lower Upper
202 100
200 21.2 17.4 26.2
203 18.5 14.1 21.1



#79
Terphenyl-d14
Concen: 73.958 ng
RT: 19.57 min Scan# 2837
Delta R.T. 0.00 min
Lab File: BP002526.D
Acq: 24 Jun 2020 17:01

Tgt Ion:244 Resp: 2344243
Ion Ratio Lower Upper
244 100
212 7.4 6.5 9.7
122 10.4 8.0 12.0





#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.29 min Scan# 3468
Delta R.T. 0.00 min
Lab File: BP002526.D
Acq: 24 Jun 2020 17:01

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

Tot Ion: 264 Resp: 889167

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.7	29.5
265	22.4	17.6	26.4

