

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP070220\
 Data File : BP002634.D
 Acq On : 02 Jul 2020 17:05
 Operator : CG/JU
 Sample : L3176-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 STONE-1

Quant Time: Jul 02 18:12:08 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP062920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 29 16:51:57 2020
 Response via : Initial Calibration

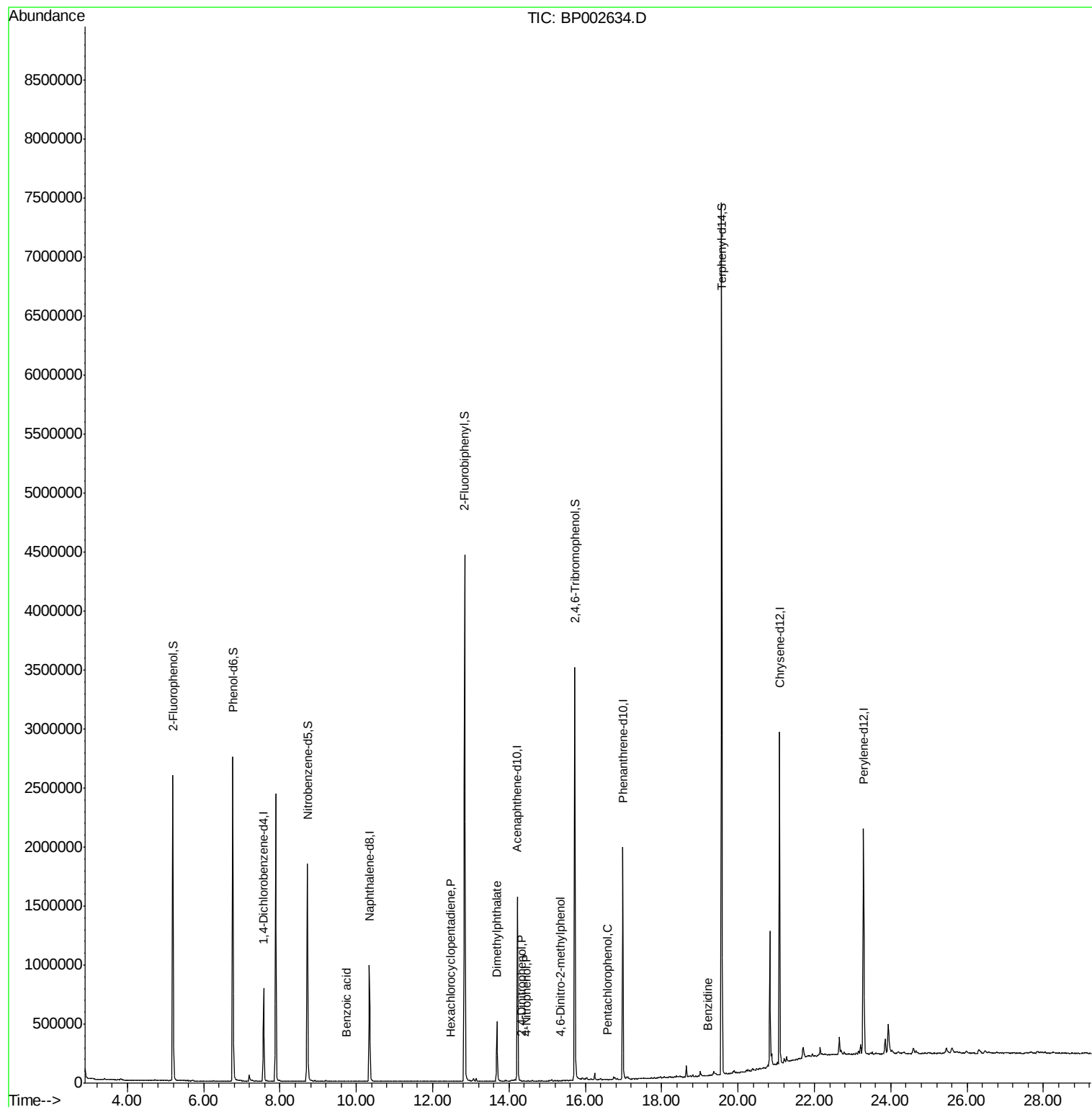
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	208372	20.00	ng	0.00
21) Naphthalene-d8	10.34	136	835083	20.00	ng	0.00
39) Acenaphthene-d10	14.22	164	538946	20.00	ng	0.00
64) Phenanthrene-d10	16.98	188	1204453	20.00	ng	0.00
76) Chrysene-d12	21.09	240	1306047	20.00	ng	0.00
86) Perylene-d12	23.29	264	1310536	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	1254062	101.90	ng	0.00
7) Phenol-d6	6.76	99	1691445	98.47	ng	0.00
23) Nitrobenzene-d5	8.72	82	1119476	69.07	ng	0.00
42) 2,4,6-Tribromophenol	15.72	330	661153	100.86	ng	0.00
45) 2-Fluorobiphenyl	12.83	172	2441209	66.67	ng	0.00
79) Terphenyl-d14	19.57	244	3806182	62.90	ng	0.00
Target Compounds						
9) Benzaldehyde	6.68	77	196	Below Cal		Qvalue # 33
32) Benzoic acid	9.75	122	182	8.715	ng	93
41) Hexachlorocyclopentadiene	12.46	237	34	4.385	ng	73
50) Dimethylphthalate	13.68	163	349864	8.265	ng	100
54) 2,4-Dinitrophenol	14.33	184	17	6.012	ng	# 1
56) 4-Nitrophenol	14.45	139	19	2.438	ng	# 1
65) 4,6-Dinitro-2-methylphenol	15.36	198	40	2.715	ng	# 1
70) Pentachlorophenol	16.59	266	4	2.662	ng	96
77) Benzidine	19.21	184	514	3.765	ng	# 46

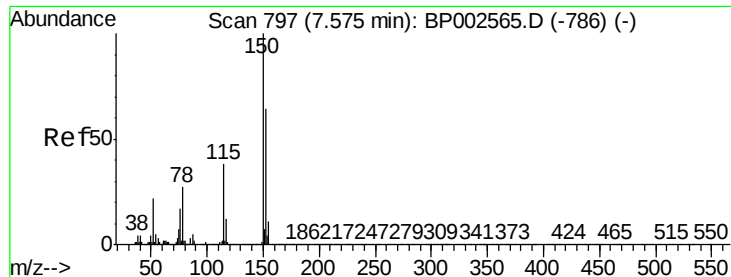
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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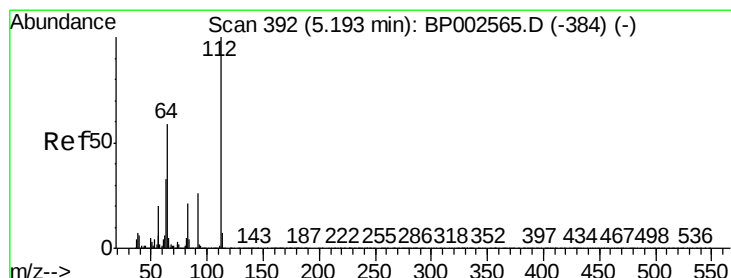
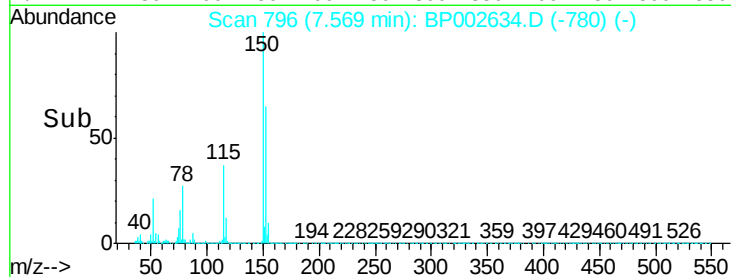
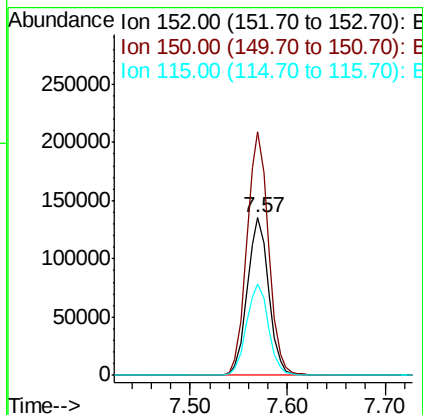
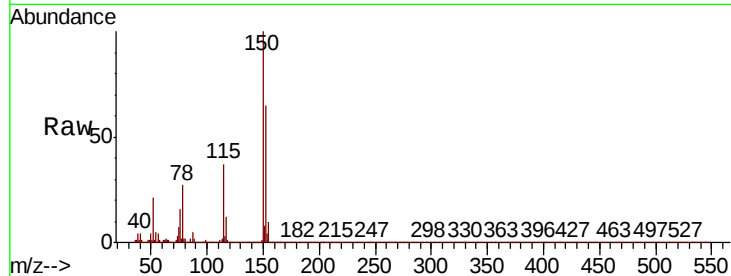


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.57 min Scan# 796
Delta R.T. -0.01 min
Lab File: BP002634.D
Acq: 02 Jul 2020 17:05

Instrument :
BNA_P
ClientSampled :
STONE-1

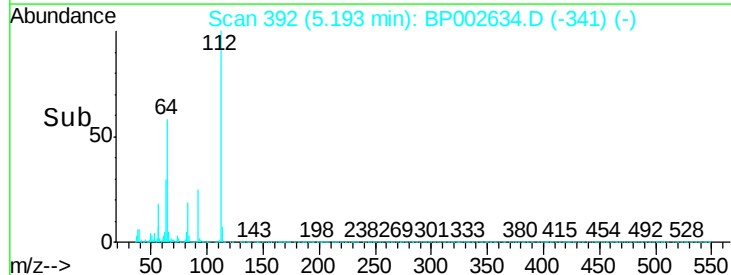
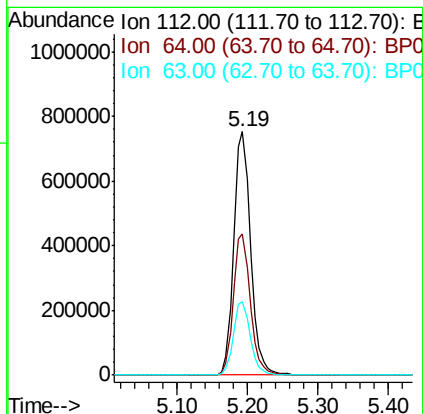
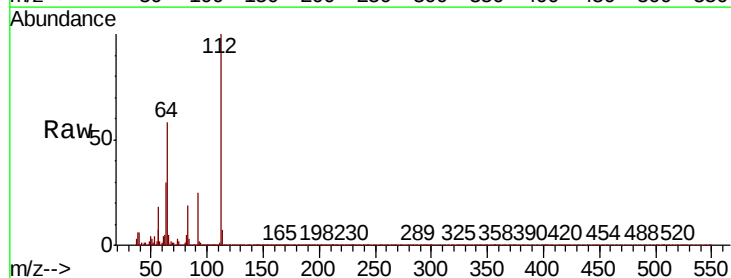
Tot Ion:152 Resp: 208372
Ion Ratio Lower Upper
152 100
150 154.6 124.2 186.2
115 57.6 47.1 70.7

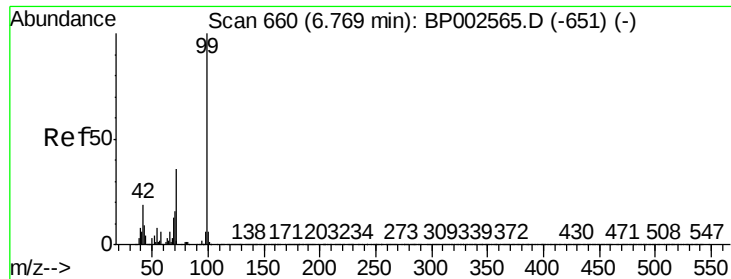


#5

2-Fluorophenol
Concen: 101.898 ng
RT: 5.19 min Scan# 392
Delta R.T. -0.00 min
Lab File: BP002634.D
Acq: 02 Jul 2020 17:05

Tgt Ion:112 Resp: 1254062
Ion Ratio Lower Upper
112 100
64 57.7 47.0 70.6
63 30.2 26.1 39.1





#7

Phenol-d6

Concen: 98.469 ng

RT: 6.76 min Scan# 659

Delta R.T. -0.01 min

Lab File: BP002634.D

Acq: 02 Jul 2020 17:05

Instrument :

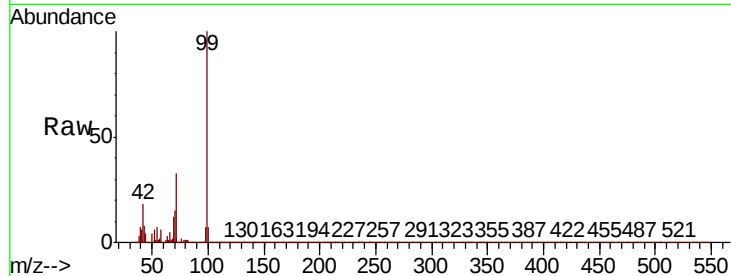
BNA_P

ClientSampleId :

STONE-1

Tot Ion: 99 Resp: 1691445

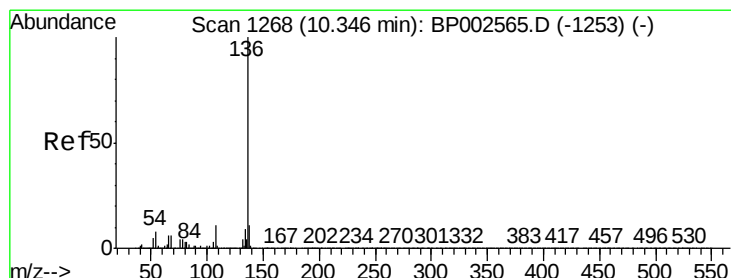
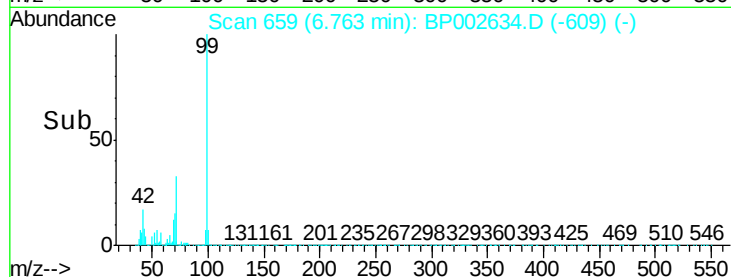
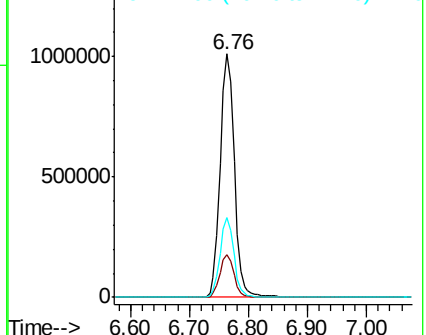
Ion	Ratio	Lower	Upper
99	100		
42	17.5	15.5	23.3
71	32.8	28.9	43.3



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: 10.34 min Scan# 1267

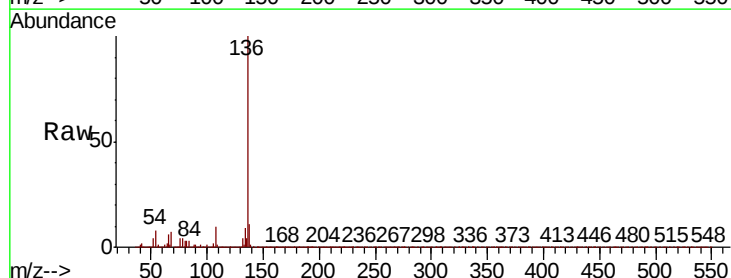
Delta R.T. -0.01 min

Lab File: BP002634.D

Acq: 02 Jul 2020 17:05

Tgt Ion: 136 Resp: 835083

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	8.5	6.4	9.6
68	7.0	5.1	7.7

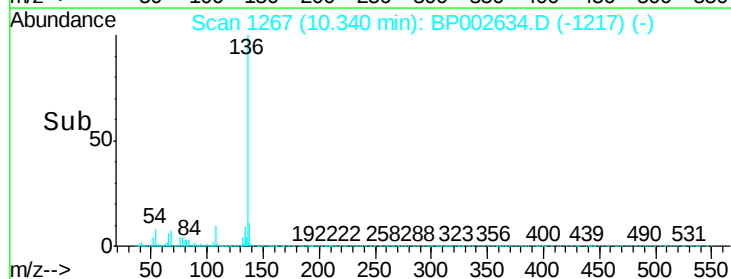
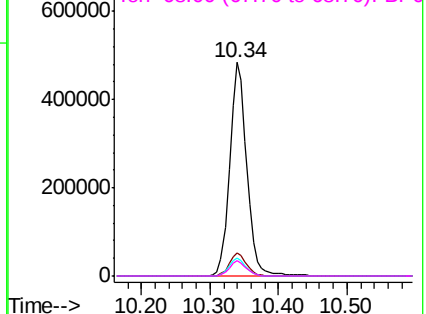


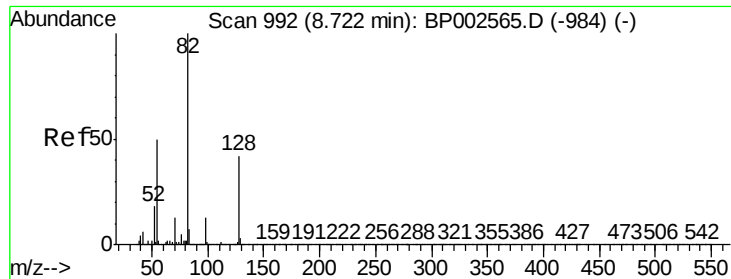
Abundance Ion 136.00 (135.70 to 136.70): E

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

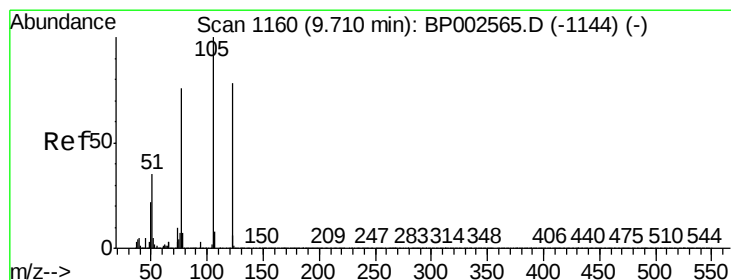
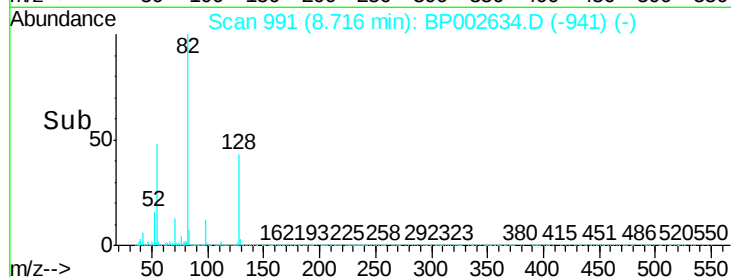
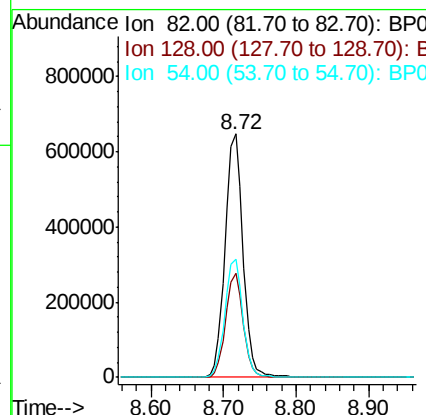
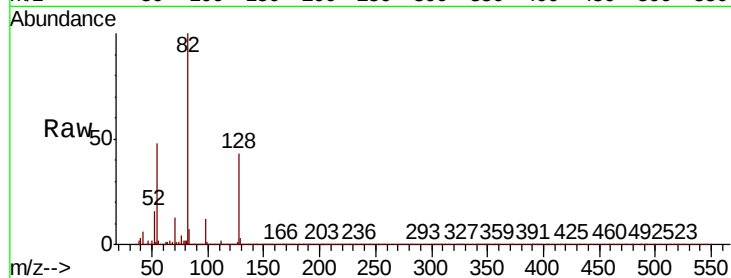




#23
Nitrobenzene-d5
Concen: 69.073 ng
RT: 8.72 min Scan# 991
Delta R.T. -0.01 min
Lab File: BP002634.D
Acq: 02 Jul 2020 17:05

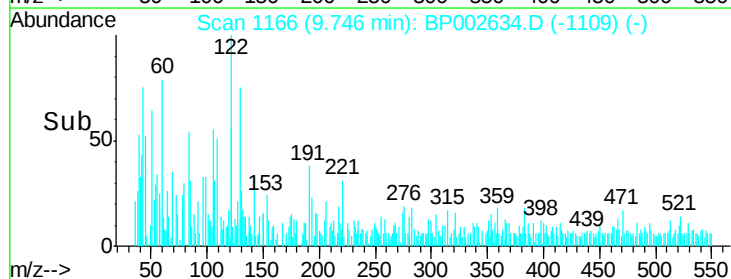
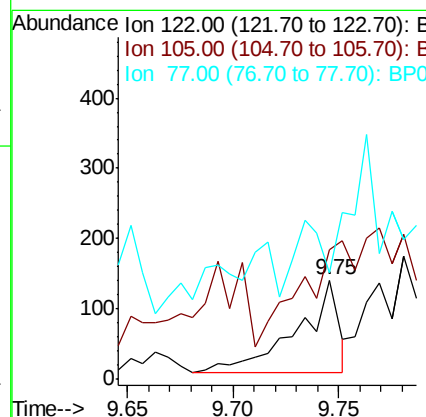
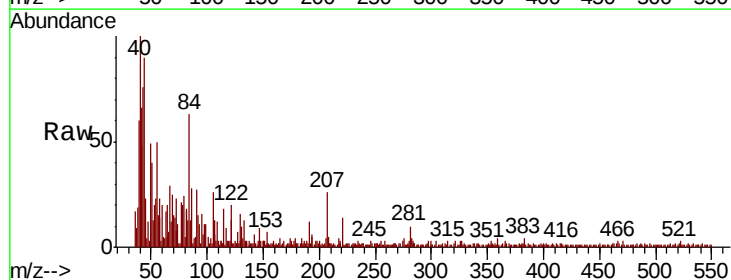
Instrument :
BNA_P
ClientSampled :
STONE-1

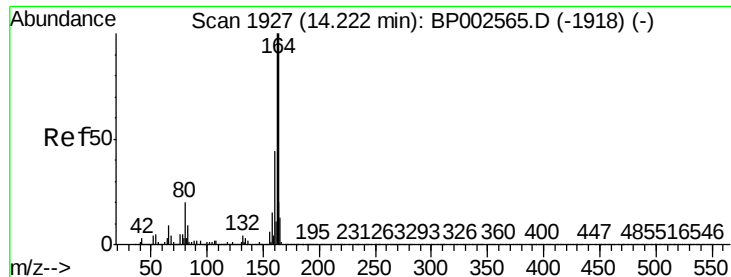
Tot Ion: 82 Resp: 1119476
Ion Ratio Lower Upper
82 100
128 42.9 33.4 50.2
54 48.5 40.1 60.1



#32
Benzoic acid
Concen: 8.715 ng
RT: 9.75 min Scan# 1166
Delta R.T. 0.04 min
Lab File: BP002634.D
Acq: 02 Jul 2020 17:05

Tgt Ion: 122 Resp: 182
Ion Ratio Lower Upper
122 100
105 130.7 106.6 146.6
77 107.1 76.5 116.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.22 min Scan# 1926

Delta R.T. -0.01 min

Lab File: BP002634.D

Acq: 02 Jul 2020 17:05

Instrument :

BNA_P

ClientSampleId :

STONE-1

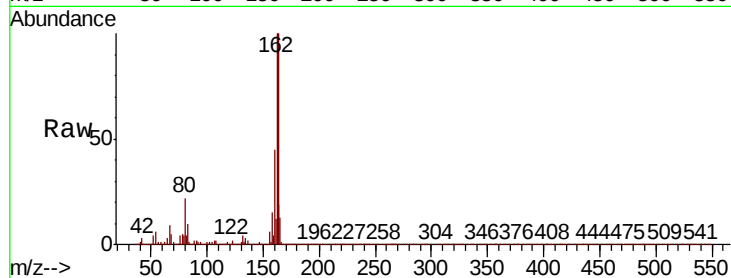
Tot Ion:164 Resp: 538946

Ion Ratio Lower Upper

164 100

162 99.9 80.3 120.5

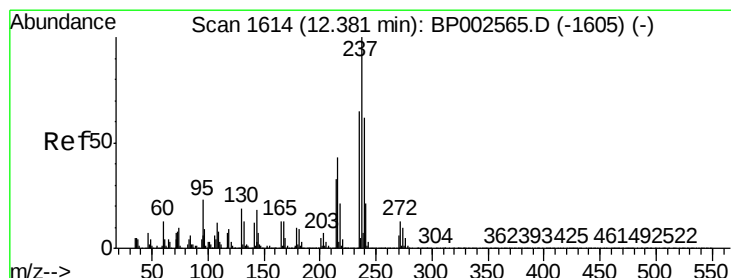
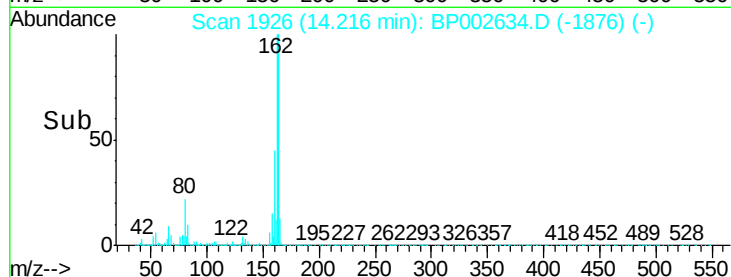
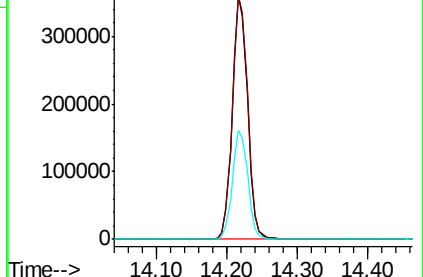
160 44.8 35.0 52.6



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



#41

Hexachlorocyclopentadiene

Concen: 4.385 ng

RT: 12.46 min Scan# 1627

Delta R.T. 0.08 min

Lab File: BP002634.D

Acq: 02 Jul 2020 17:05

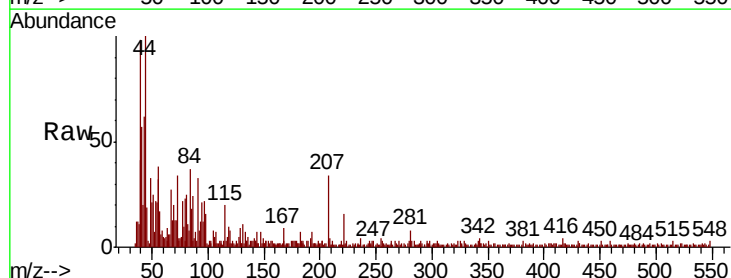
Tgt Ion:237 Resp: 34

Ion Ratio Lower Upper

237 100

235 46.4 45.4 85.4

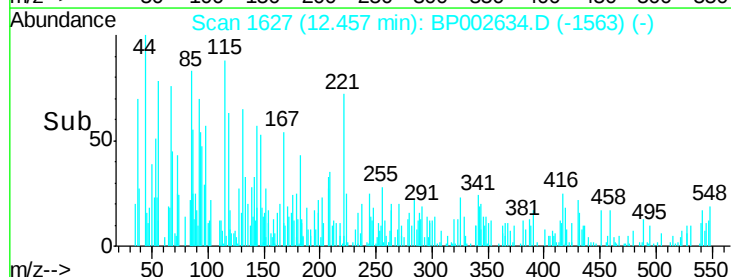
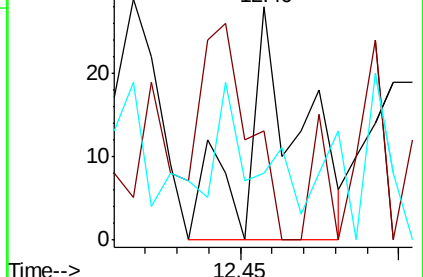
272 28.6 0.0 32.6

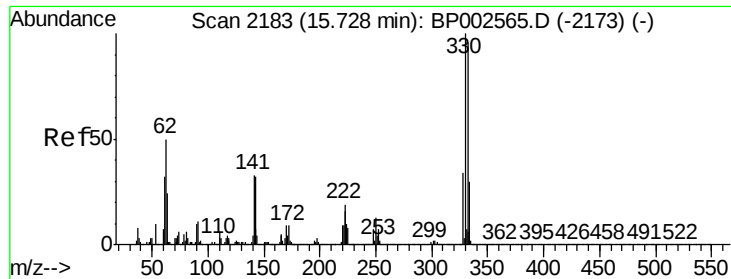


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

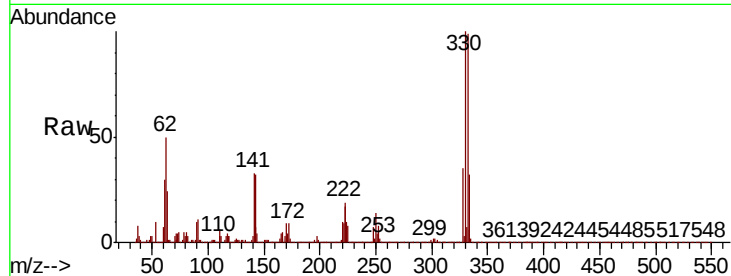




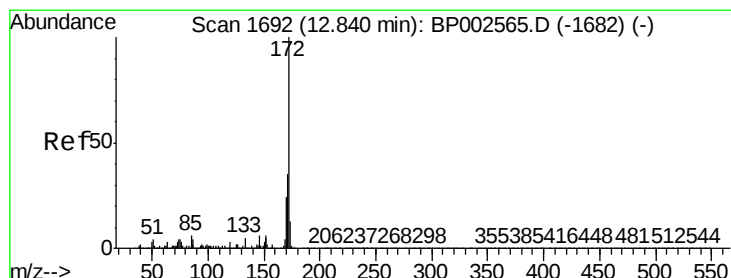
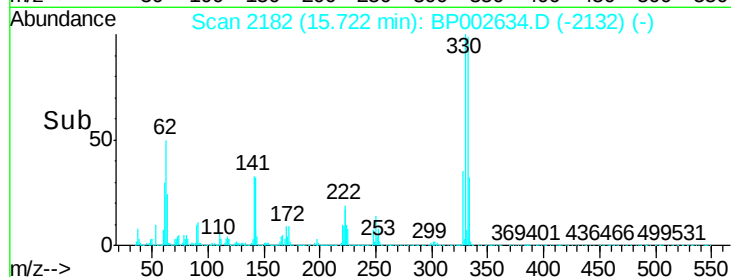
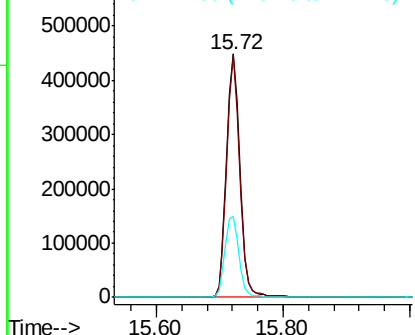
#42
2,4,6-Tribromophenol
Concen: 100.861 ng
RT: 15.72 min Scan# 2182
Delta R.T. -0.01 min
Lab File: BP002634.D
Acq: 02 Jul 2020 17:05

Instrument :
BNA_P
ClientSampleId :
STONE-1

Tot Ion:330 Resp: 661153
Ion Ratio Lower Upper
330 100
332 96.4 77.7 116.5
141 34.8 29.0 43.6

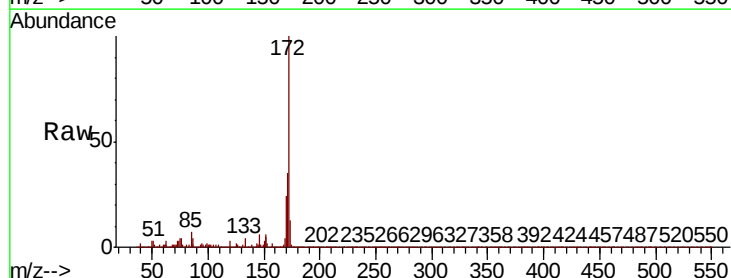


Abundance Ion 329.80 (329.50 to 330.50): E
600000 Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

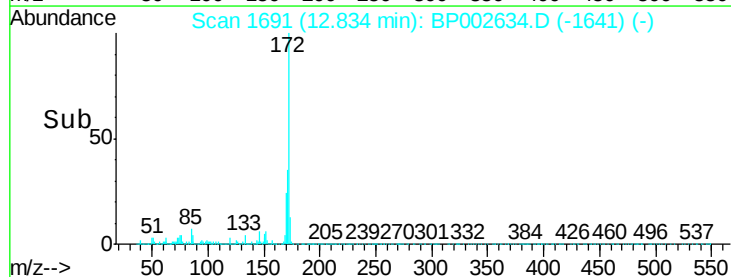
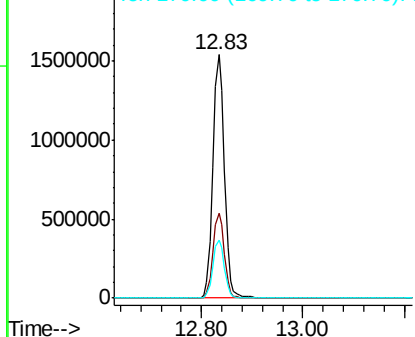


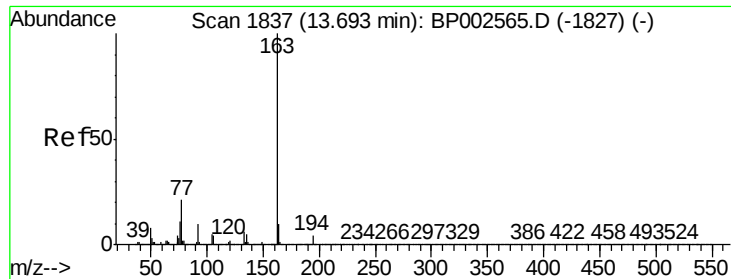
#45
2-Fluorobiphenyl
Concen: 66.668 ng
RT: 12.83 min Scan# 1691
Delta R.T. -0.01 min
Lab File: BP002634.D
Acq: 02 Jul 2020 17:05

Tgt Ion:172 Resp: 2441209
Ion Ratio Lower Upper
172 100
171 34.9 28.0 42.0
170 23.8 19.0 28.4



Abundance Ion 172.00 (171.70 to 172.70): E
2000000 Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 8.265 ng

RT: 13.68 min Scan# 1835

Delta R.T. -0.01 min

Lab File: BP002634.D

Acq: 02 Jul 2020 17:05

Instrument :

BNA_P

ClientSampleId :

STONE-1

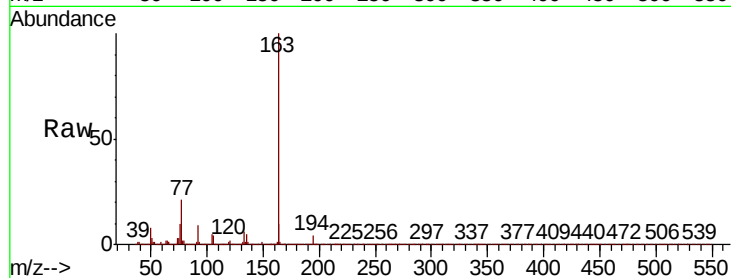
Tot Ion:163 Resp: 349864

Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.0

164 10.2 8.2 12.4



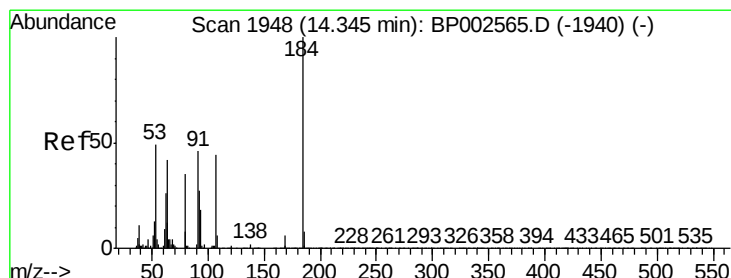
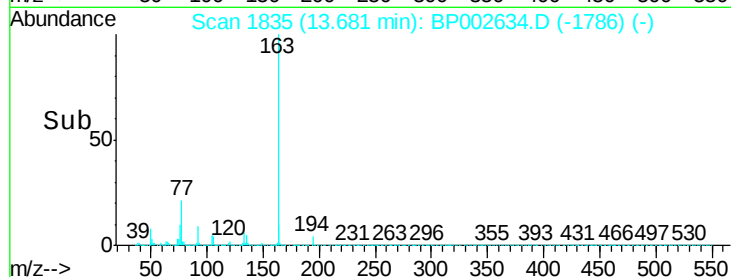
Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

13.68

Time-->



#54

2,4-Dinitrophenol

Concen: 6.012 ng

RT: 14.33 min Scan# 1945

Delta R.T. -0.02 min

Lab File: BP002634.D

Acq: 02 Jul 2020 17:05

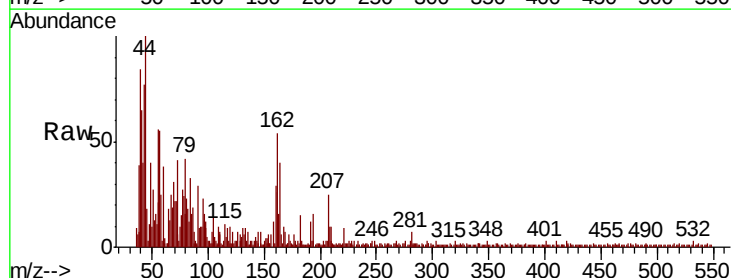
Tgt Ion:184 Resp: 17

Ion Ratio Lower Upper

184 100

63 166.7 56.2 84.2#

154 276.2 50.9 76.3#



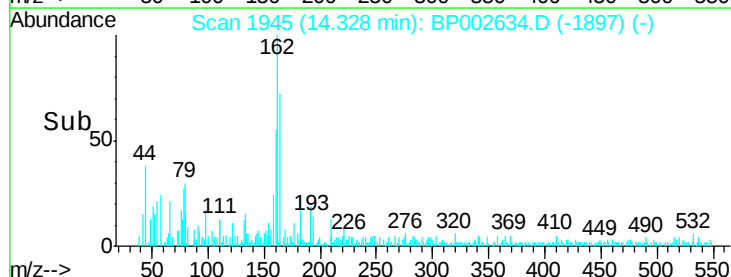
Abundance Ion 184.00 (183.70 to 184.70): E

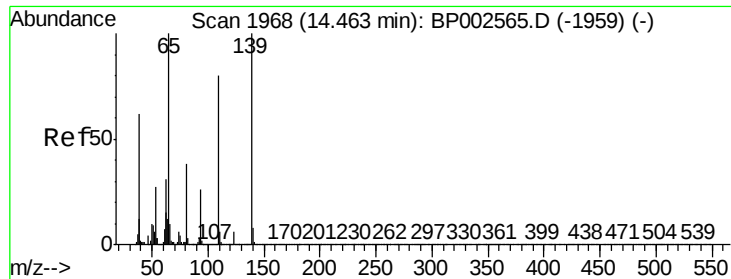
Ion 63.00 (62.70 to 63.70): BP0

Ion 154.00 (153.70 to 154.70): E

14.33

Time-->

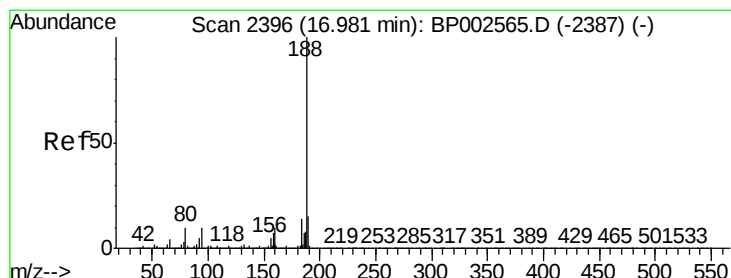
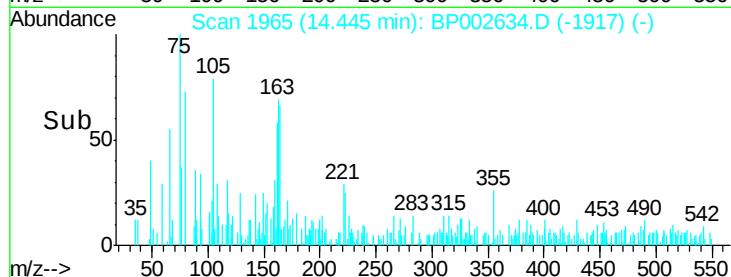
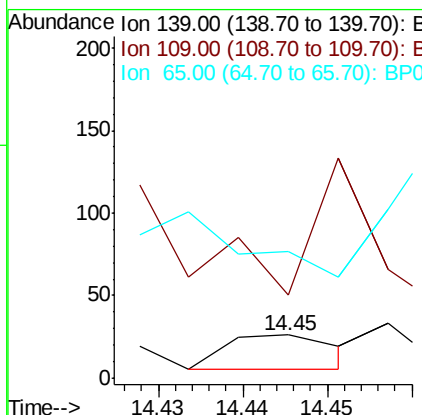
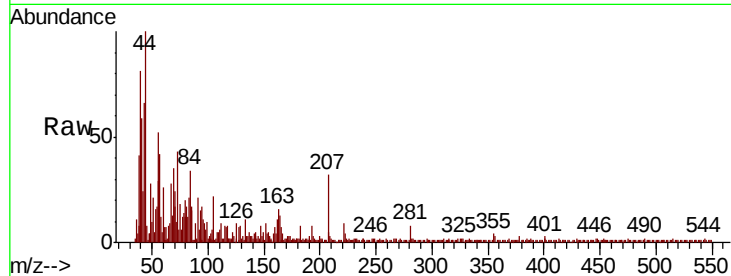




#56
4-Nitrophenol
Concen: 2.438 ng
RT: 14.45 min Scan# 1965
Delta R.T. -0.02 min
Lab File: BP002634.D
Acq: 02 Jul 2020 17:05

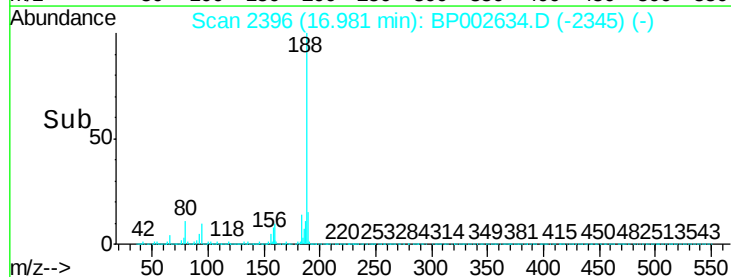
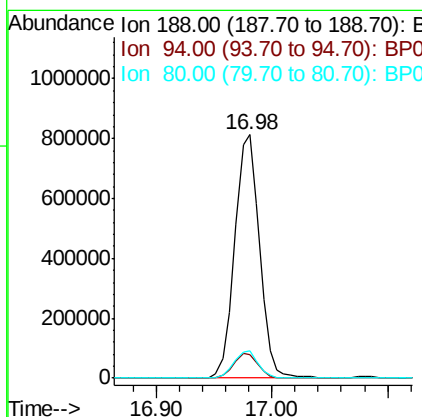
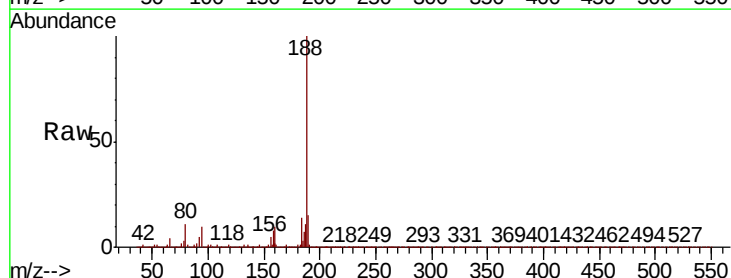
Instrument :
BNA_P
ClientSampled :
STONE-1

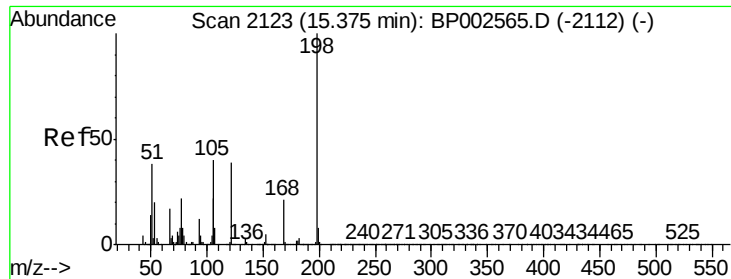
Tot Ion:139 Resp: 19
Ion Ratio Lower Upper
139 100
109 273.1 60.1 100.1#
65 296.2 80.3 120.3#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.98 min Scan# 2396
Delta R.T. -0.00 min
Lab File: BP002634.D
Acq: 02 Jul 2020 17:05

Tgt Ion:188 Resp: 1204453
Ion Ratio Lower Upper
188 100
94 9.9 7.8 11.6
80 11.0 8.2 12.4

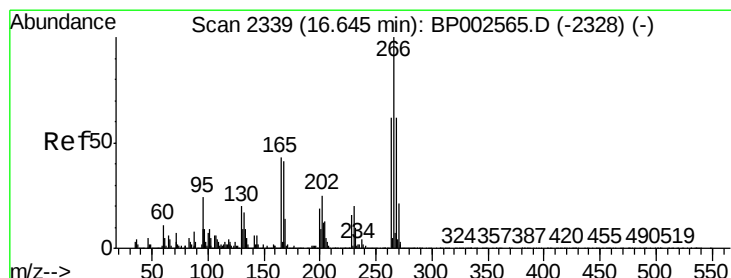
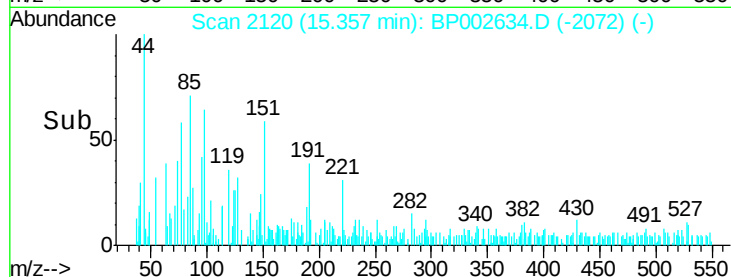
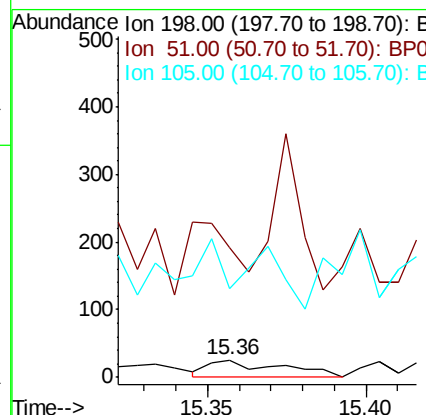
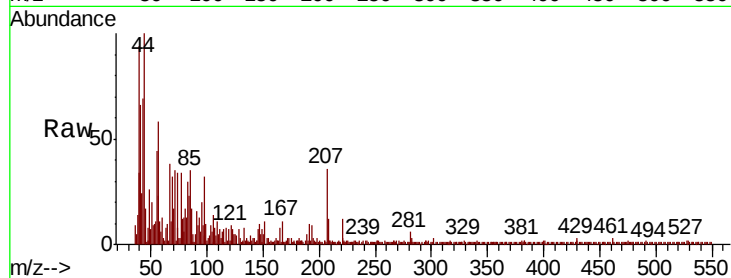




#65
 4,6-Dinitro-2-methylphenol
 Concen: 2.715 ng
 RT: 15.36 min Scan# 2120
 Delta R.T. -0.02 min
 Lab File: BP002634.D
 Acq: 02 Jul 2020 17:05

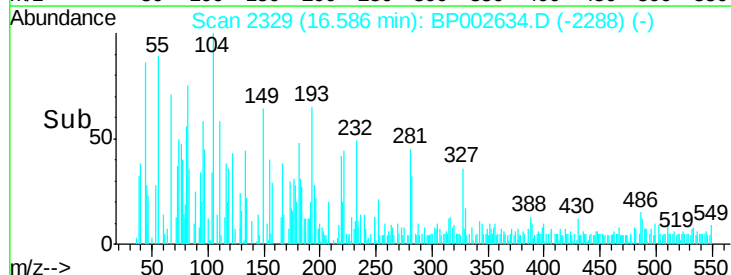
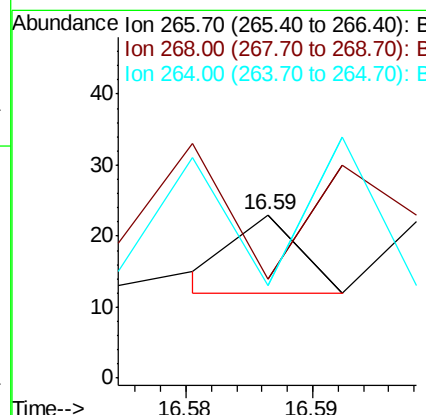
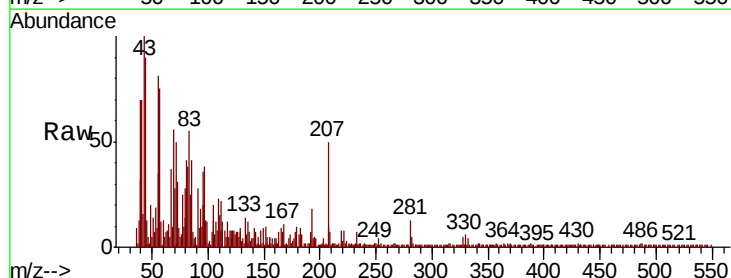
Instrument :
 BNA_P
 ClientSampled :
 STONE-1

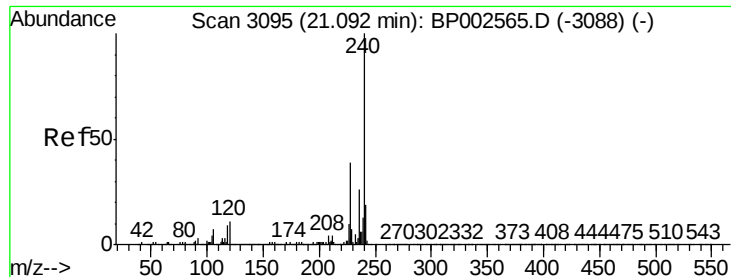
Tot Ion:198 Resp: 40
 Ion Ratio Lower Upper
 198 100
 51 768.0 24.2 64.2#
 105 528.0 20.7 60.7#



#70
 Pentachlorophenol
 Concen: 2.662 ng
 RT: 16.59 min Scan# 2329
 Delta R.T. -0.06 min
 Lab File: BP002634.D
 Acq: 02 Jul 2020 17:05

Tgt Ion:266 Resp: 4
 Ion Ratio Lower Upper
 266 100
 268 60.9 49.7 74.5
 264 56.5 49.3 73.9

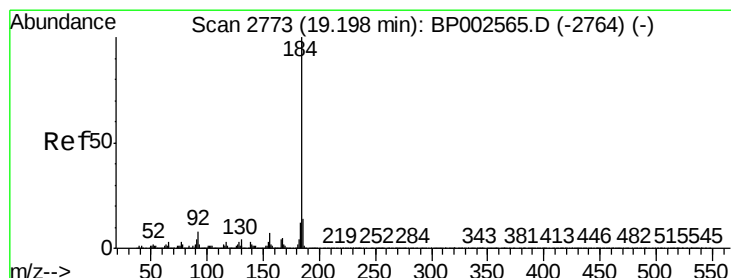
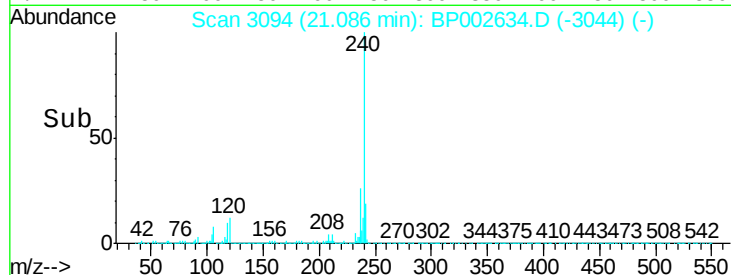
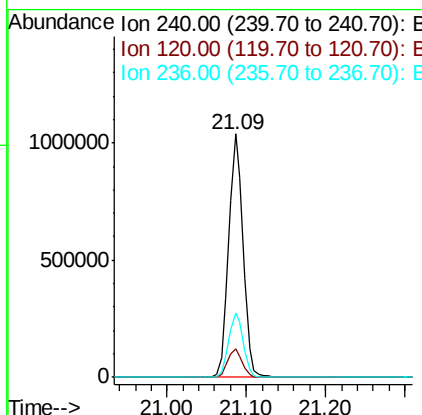
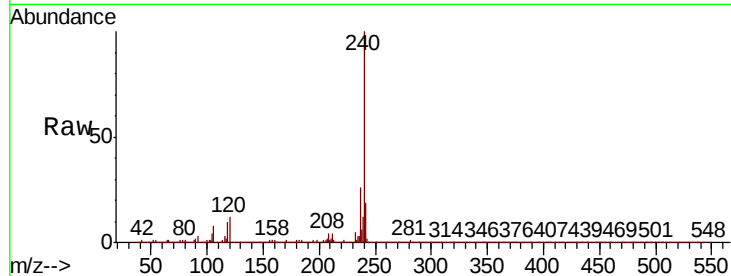




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.09 min Scan# 3094
Delta R.T. -0.01 min
Lab File: BP002634.D
Acq: 02 Jul 2020 17:05

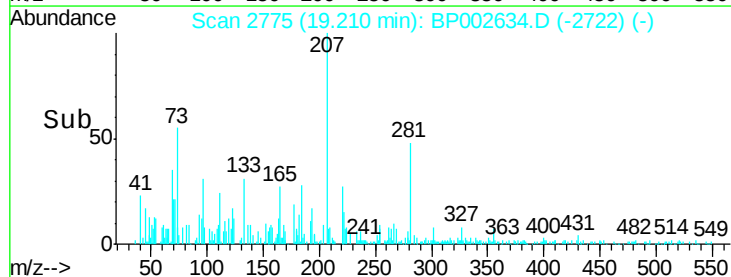
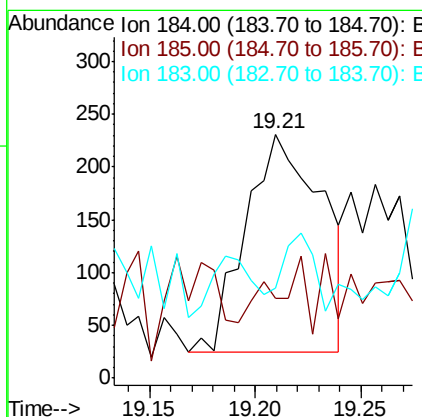
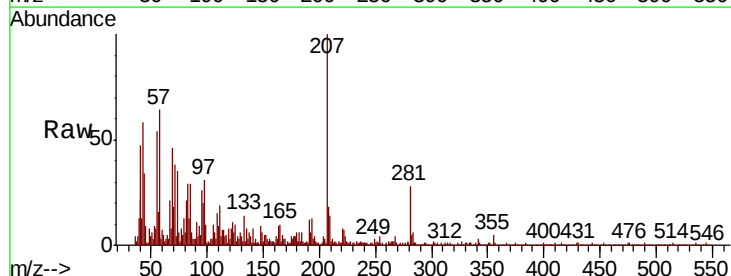
Instrument :
BNA_P
ClientSampleId :
STONE-1

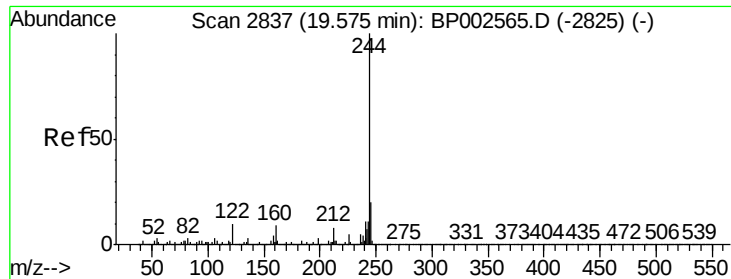
Tot Ion:240 Resp: 1306047
Ion Ratio Lower Upper
240 100
120 11.8 8.6 13.0
236 26.4 20.8 31.2



#77
Benzidine
Concen: 3.765 ng
RT: 19.21 min Scan# 2775
Delta R.T. 0.01 min
Lab File: BP002634.D
Acq: 02 Jul 2020 17:05

Tgt Ion:184 Resp: 514
Ion Ratio Lower Upper
184 100
185 32.5 11.4 17.2#
183 36.8 9.2 13.8#





#79

Terphenyl-d14

Concen: 62.904 ng

RT: 19.57 min Scan# 2836

Delta R.T. -0.01 min

Lab File: BP002634.D

Acq: 02 Jul 2020 17:05

Instrument :

BNA_P

ClientSampleId :

STONE-1

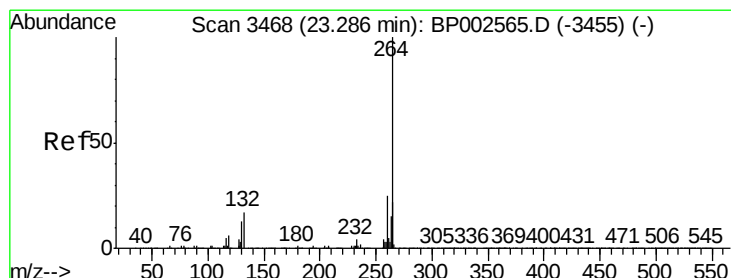
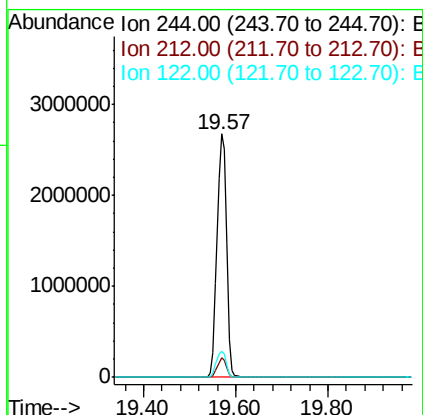
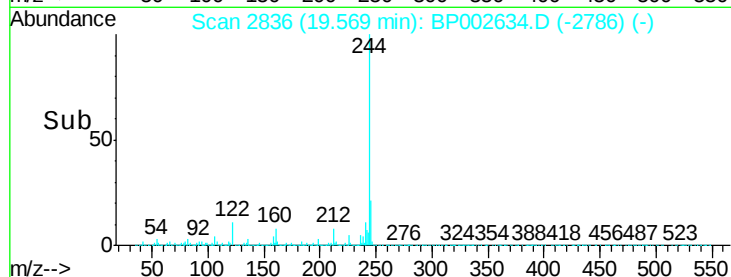
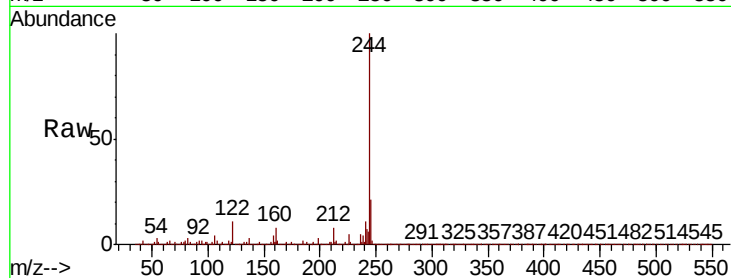
Tot Ion:244 Resp: 3806182

Ion Ratio Lower Upper

244 100

212 7.8 6.5 9.7

122 10.9 7.9 11.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.29 min Scan# 3468

Delta R.T. -0.00 min

Lab File: BP002634.D

Acq: 02 Jul 2020 17:05

Tgt Ion:264 Resp: 1310536

Ion Ratio Lower Upper

264 100

260 25.0 19.7 29.5

265 21.6 17.6 26.4

