

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090420\
 Data File : BP003203.D
 Acq On : 04 Sep 2020 10:13
 Operator : CG/JU
 Sample : PB131395BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 PB131395BL

Quant Time: Sep 04 11:18:34 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

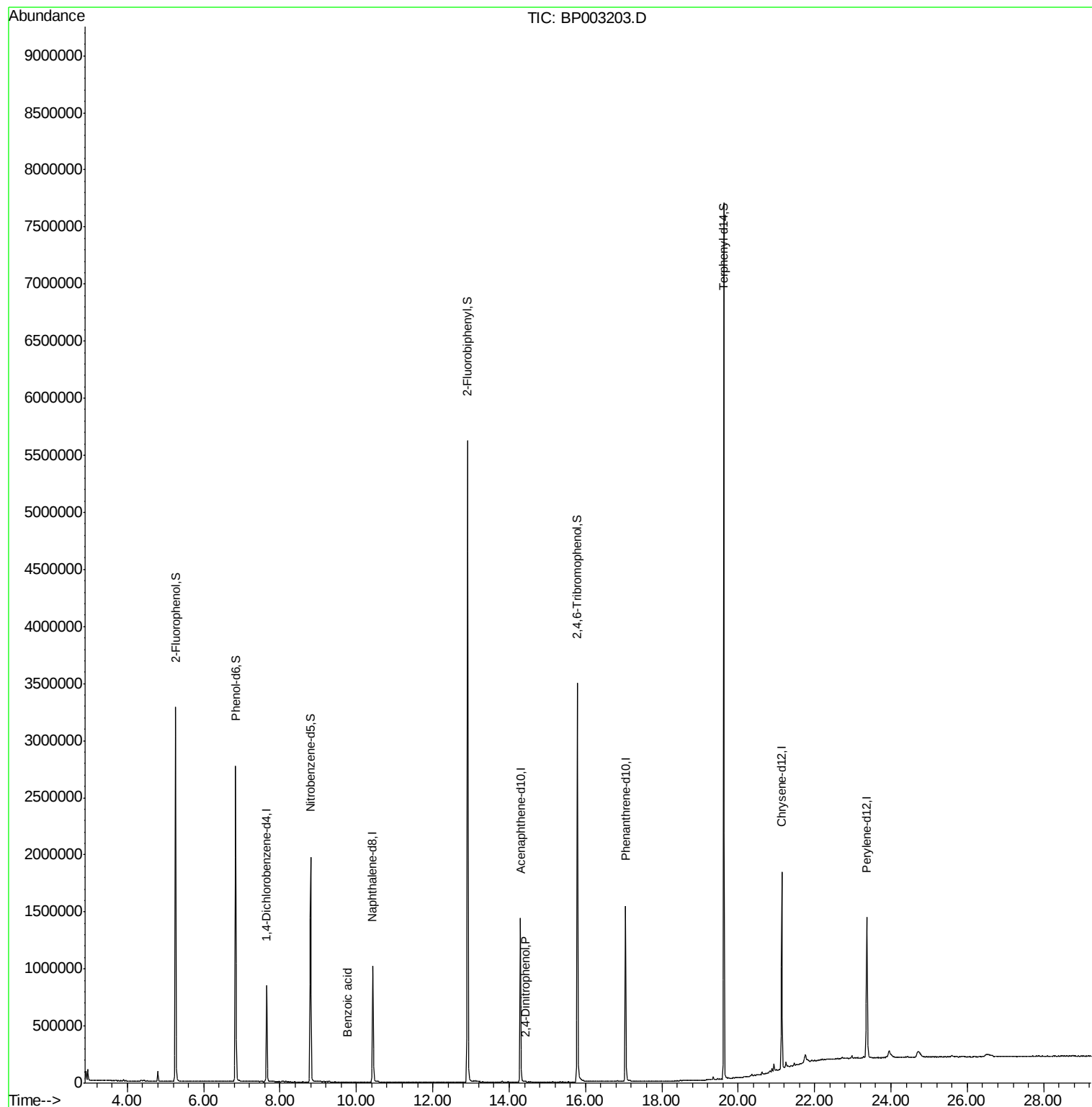
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	260992	20.00	ng	0.00
21) Naphthalene-d8	10.43	136	974330	20.00	ng	0.00
39) Acenaphthene-d10	14.29	164	533806	20.00	ng	0.00
64) Phenanthrene-d10	17.05	188	1011572	20.00	ng	0.00
76) Chrysene-d12	21.14	240	866801	20.00	ng	0.00
86) Perylene-d12	23.37	264	902994	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	1700398	115.19	ng	0.00
7) Phenol-d6	6.84	99	1929357	104.26	ng	0.00
23) Nitrobenzene-d5	8.80	82	1179298	87.26	ng	0.00
42) 2,4,6-Tribromophenol	15.79	330	807100	111.79	ng	0.00
45) 2-Fluorobiphenyl	12.91	172	3168837	86.93	ng	0.00
79) Terphenyl-d14	19.62	244	3356267	85.20	ng	0.00
Target Compounds						
32) Benzoic acid	9.76	122	53	9.002	ng	# 1
54) 2,4-Dinitrophenol	14.41	184	37	7.762	ng	# 1

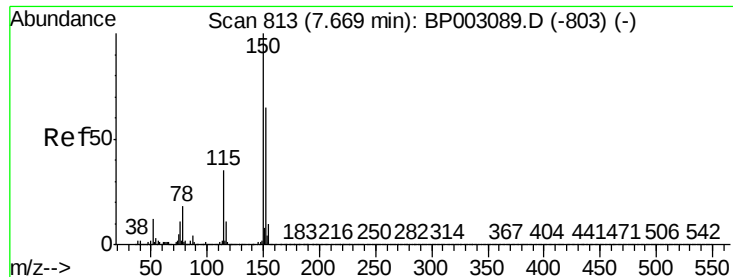
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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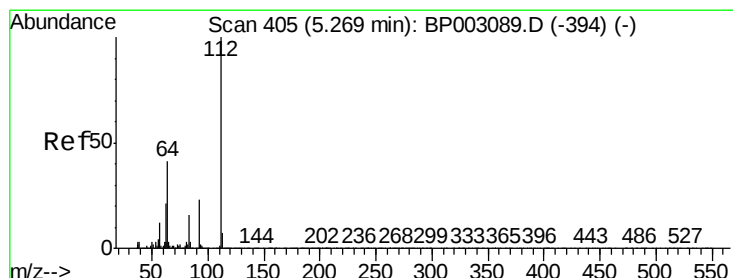
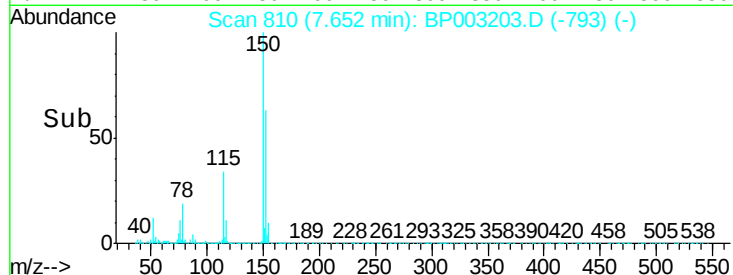
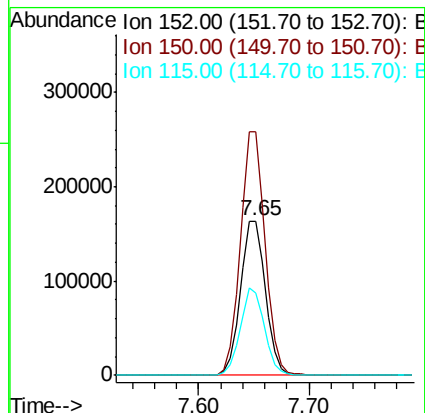
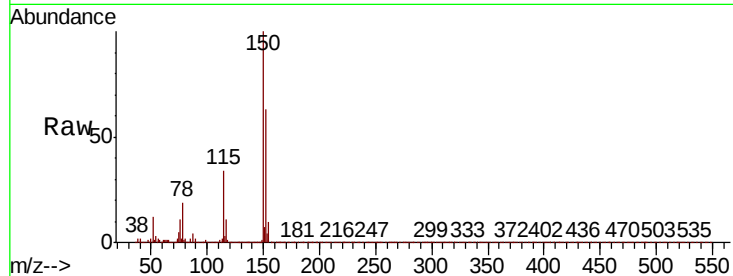


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.65 min Scan# 810
Delta R.T. -0.00 min
Lab File: BP003203.D
Acq: 04 Sep 2020 10:13

Instrument :
MSVOA_L
ClientSampleId :
PB131395BL

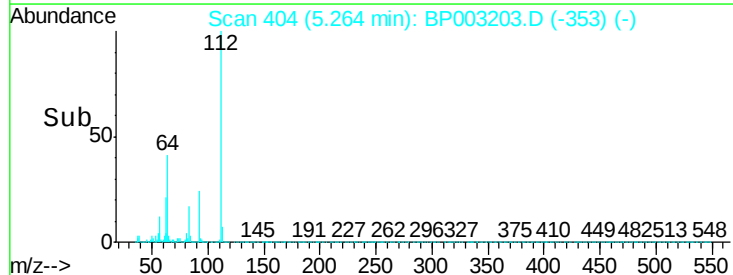
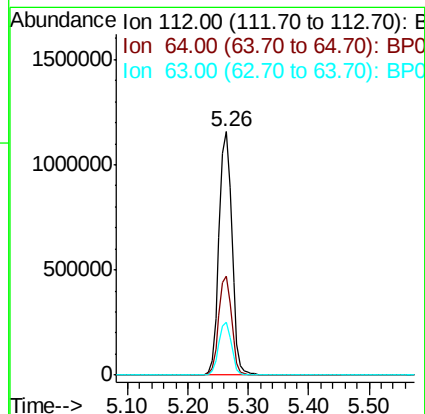
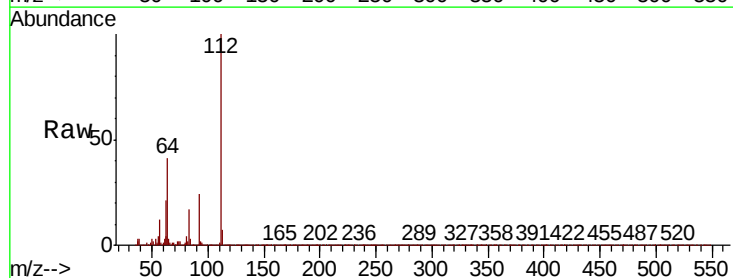
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.6	123.8	185.6
115	53.1	43.8	65.6

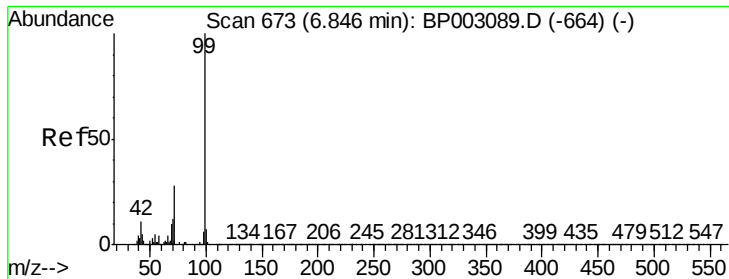


#5

2-Fluorophenol
Concen: 115.189 ng
RT: 5.26 min Scan# 404
Delta R.T. -0.00 min
Lab File: BP003203.D
Acq: 04 Sep 2020 10:13

Tgt Ion	Ratio	Lower	Upper
112	100		
64	40.8	32.8	49.2
63	21.5	17.0	25.4





#7

Phenol-d6

Concen: 104.262 ng

RT: 6.84 min Scan# 672

Delta R.T. 0.01 min

Lab File: BP003203.D

Acq: 04 Sep 2020 10:13

Instrument :

MSVOA_L

ClientSampleId :

PB131395BL

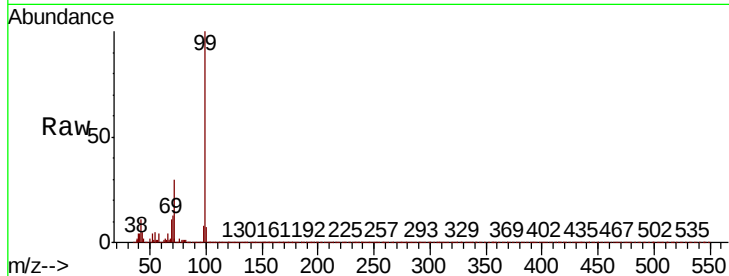
Tot Ion: 99 Resp: 1929357

Ion	Ratio	Lower	Upper
99	100		
42	10.9	8.6	13.0
71	30.3	23.4	35.2

99 100

42 10.9 8.6 13.0

71 30.3 23.4 35.2

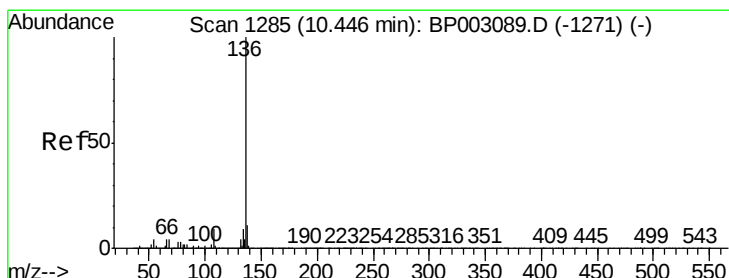
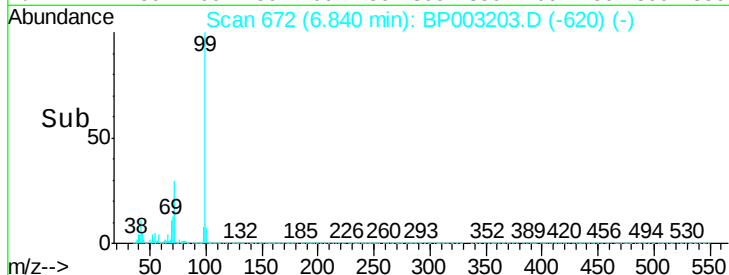
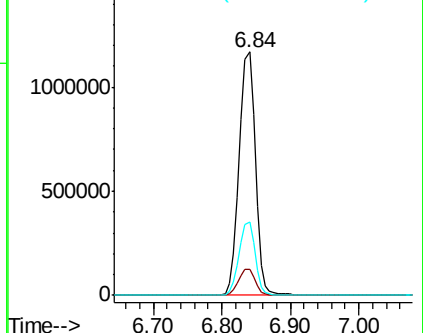


Abundance

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# 1282

Delta R.T. -0.01 min

Lab File: BP003203.D

Acq: 04 Sep 2020 10:13

Tgt Ion: 136 Resp: 974330

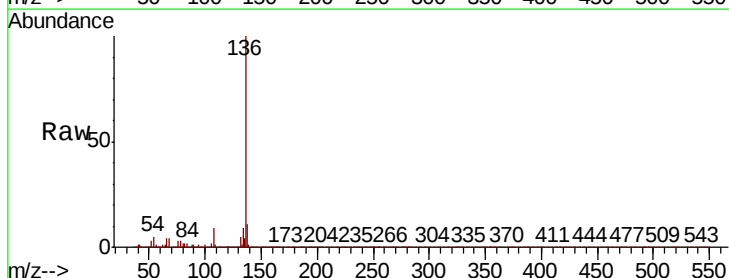
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	4.6	3.6	5.4
68	4.2	3.3	4.9

136 100

137 10.8 8.6 13.0

54 4.6 3.6 5.4

68 4.2 3.3 4.9



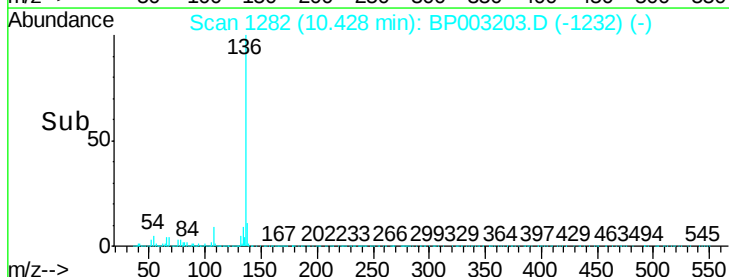
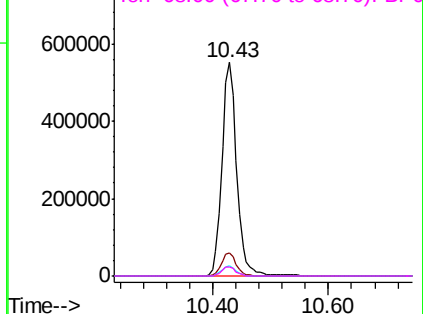
Abundance

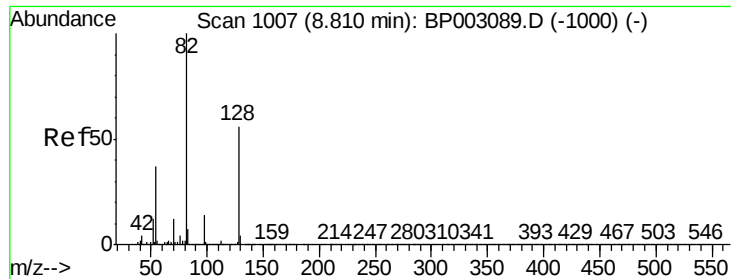
Ion 136.00 (135.70 to 136.70): E

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

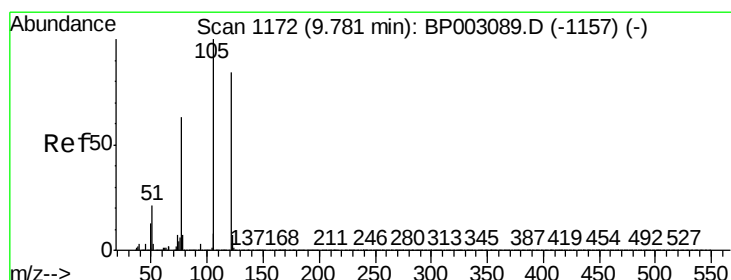
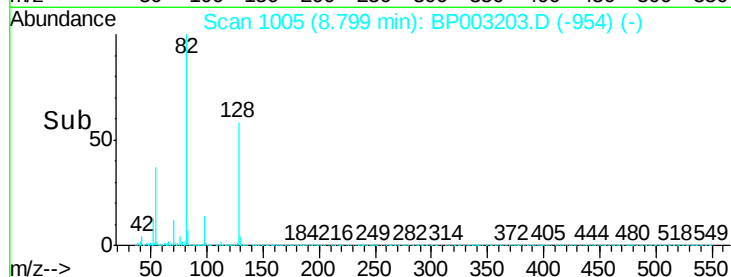
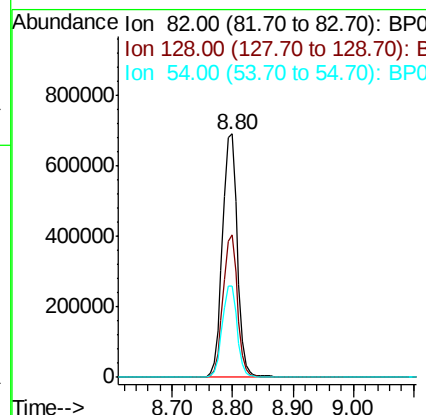
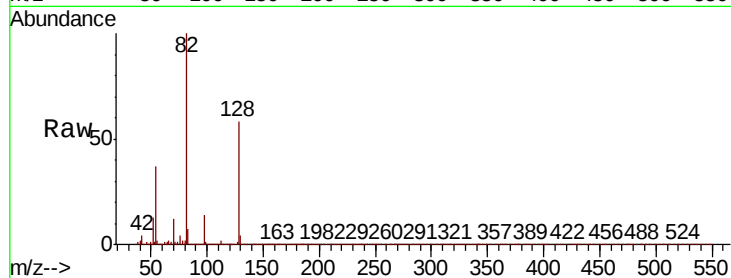




#23
Nitrobenzene-d5
Concen: 87.256 ng
RT: 8.80 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BP003203.D
Acq: 04 Sep 2020 10:13

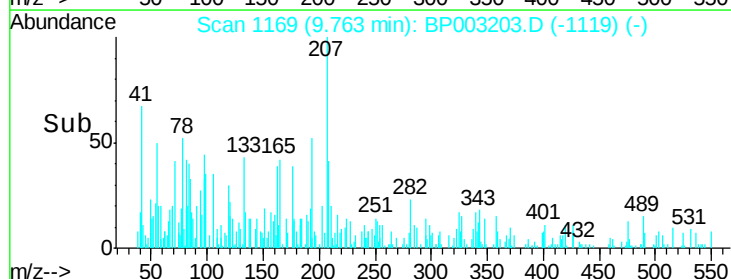
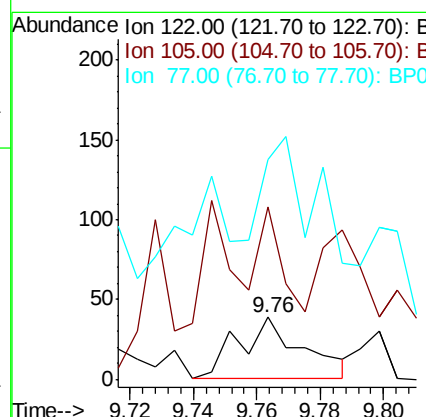
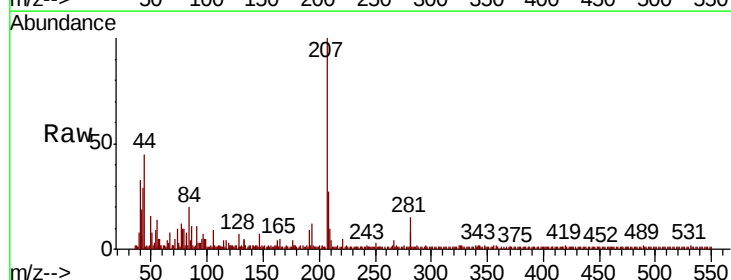
Instrument :
MSVOA_L
ClientSampleId :
PB131395BL

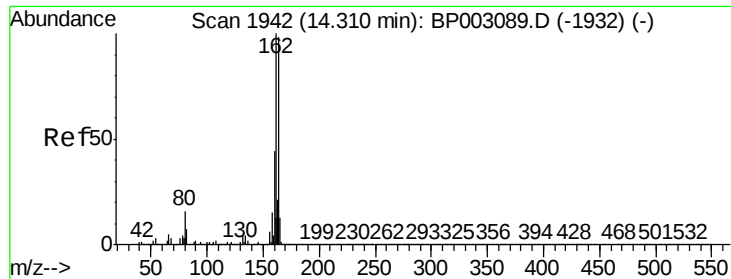
Tot Ion: 82 Resp: 1179298
Ion Ratio Lower Upper
82 100
128 58.5 45.6 68.4
54 37.5 30.1 45.1



#32
Benzoic acid
Concen: 9.002 ng
RT: 9.76 min Scan# 1169
Delta R.T. -0.01 min
Lab File: BP003203.D
Acq: 04 Sep 2020 10:13

Tgt Ion: 122 Resp: 53
Ion Ratio Lower Upper
122 100
105 276.9 94.1 134.1#
77 353.8 50.1 90.1#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.29 min Scan# 1939

Delta R.T. -0.00 min

Lab File: BP003203.D

Acq: 04 Sep 2020 10:13

Instrument :

MSVOA_L

ClientSampleId :

PB131395BL

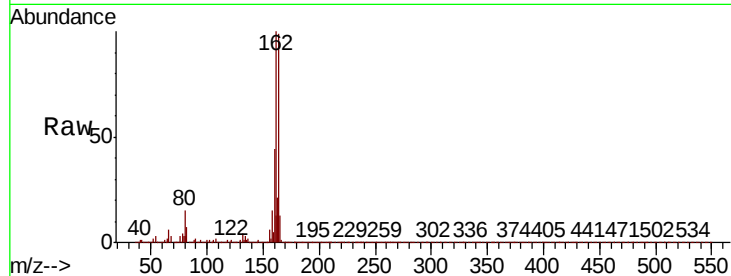
Tot Ion:164 Resp: 533806

Ion Ratio Lower Upper

164 100

162 100.5 79.4 119.2

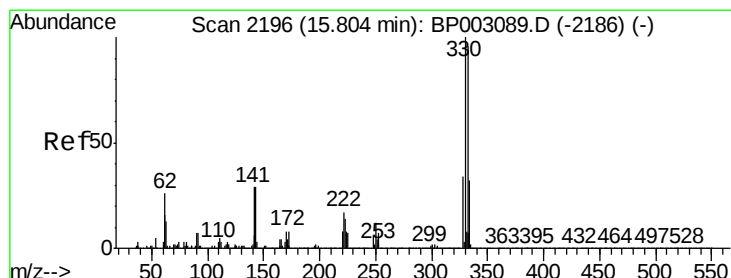
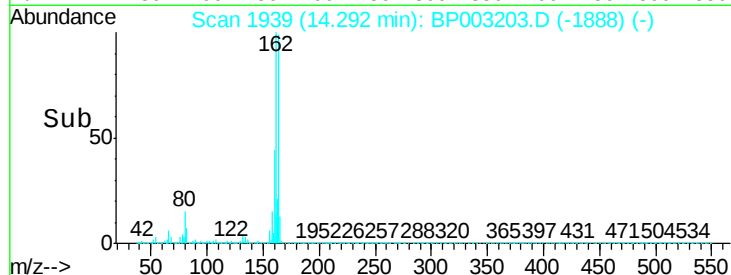
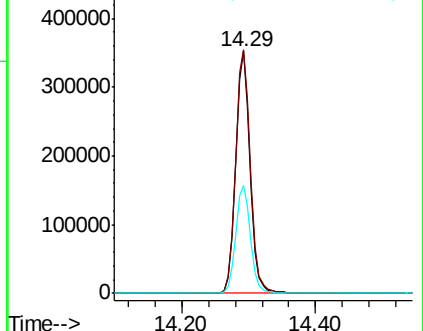
160 44.6 36.1 54.1



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: 111.793 ng

RT: 15.79 min Scan# 2193

Delta R.T. -0.01 min

Lab File: BP003203.D

Acq: 04 Sep 2020 10:13

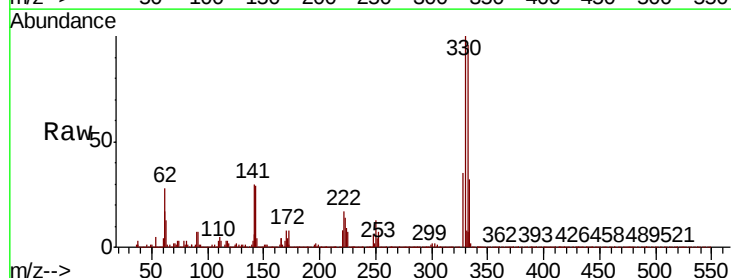
Tgt Ion:330 Resp: 807100

Ion Ratio Lower Upper

330 100

332 96.4 77.1 115.7

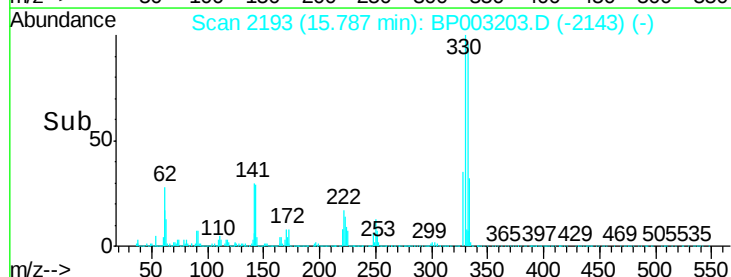
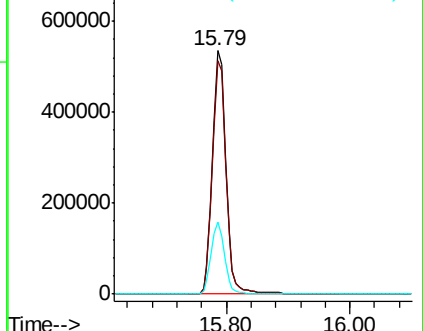
141 29.5 23.4 35.2

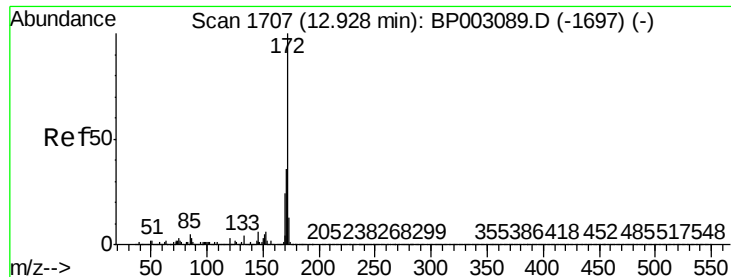


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

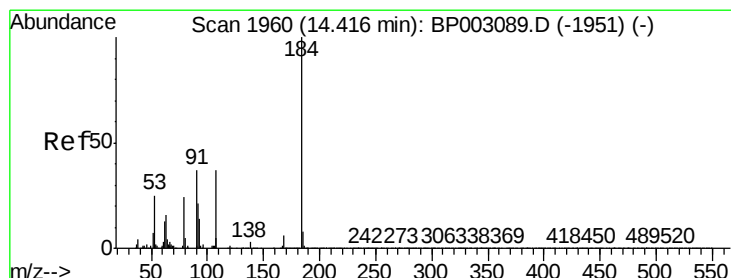
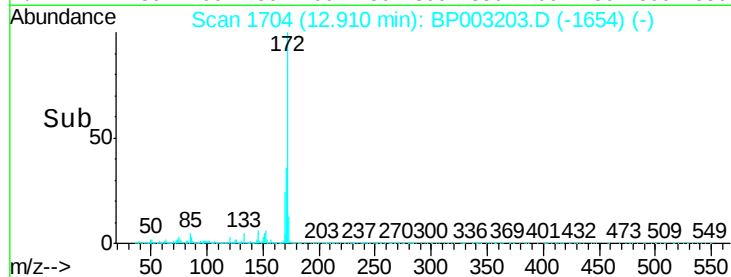
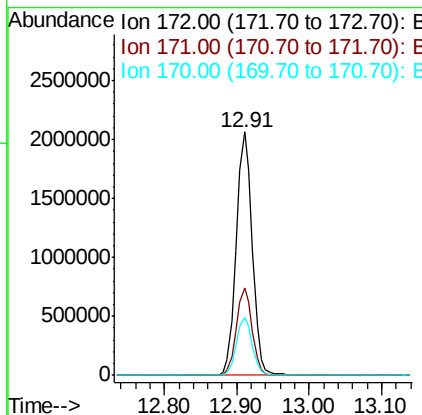
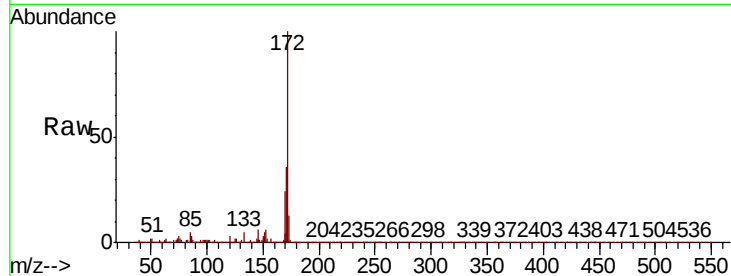




#45
2-Fluorobiphenyl
Concen: 86.934 ng
RT: 12.91 min Scan# 1704
Delta R.T. -0.01 min
Lab File: BP003203.D
Acq: 04 Sep 2020 10:13

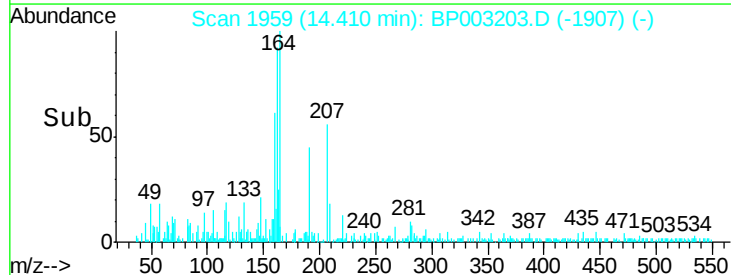
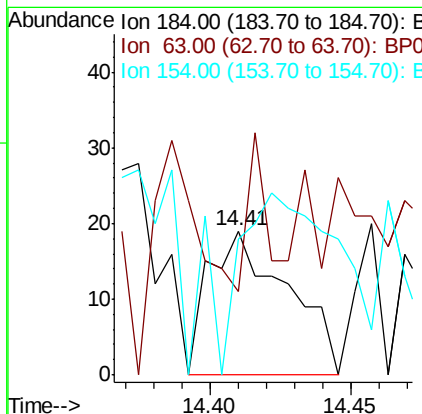
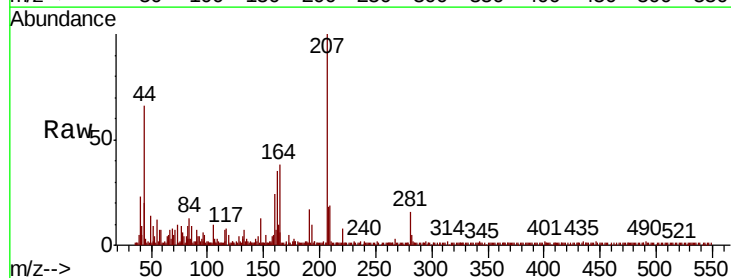
Instrument :
MSVOA_L
ClientSampleId :
PB131395BL

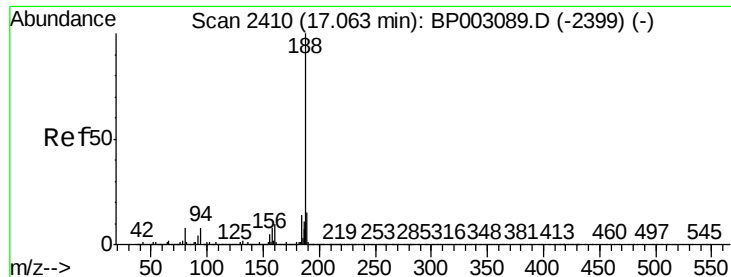
Tot Ion:172 Resp: 3168837
Ion Ratio Lower Upper
172 100
171 36.0 28.5 42.7
170 23.8 19.2 28.8



#54
2,4-Dinitrophenol
Concen: 7.762 ng
RT: 14.41 min Scan# 1959
Delta R.T. 0.01 min
Lab File: BP003203.D
Acq: 04 Sep 2020 10:13

Tgt Ion:184 Resp: 37
Ion Ratio Lower Upper
184 100
63 315.8 32.3 48.5#
154 94.7 49.1 73.7#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.05 min Scan# 2407

Delta R.T. -0.00 min

Lab File: BP003203.D

Acq: 04 Sep 2020 10:13

Instrument :

MSVOA_L

ClientSampleId :

PB131395BL

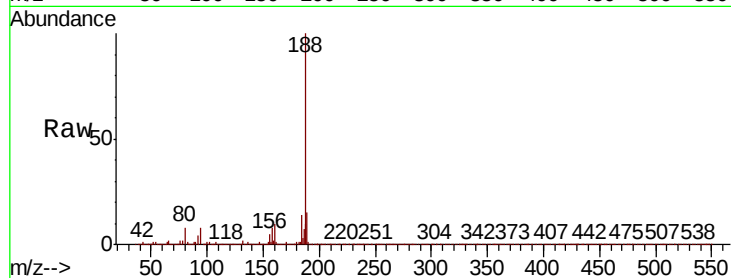
Tot Ion:188 Resp: 1011572

Ion Ratio Lower Upper

188 100

94 7.6 6.2 9.2

80 7.7 6.2 9.2



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BP0

Ion 80.00 (79.70 to 80.70): BP0

800000

600000

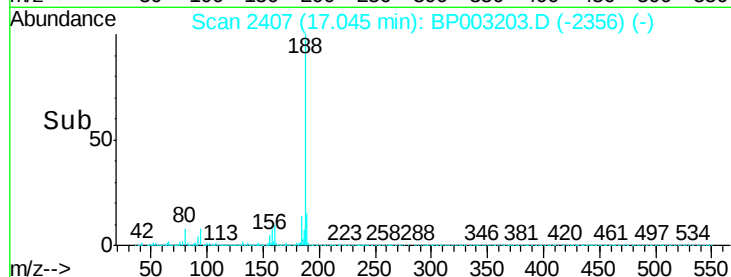
400000

200000

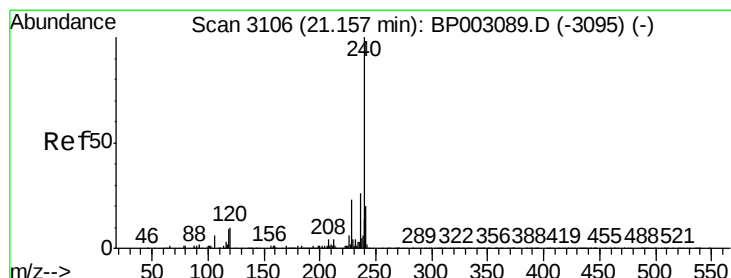
0

17.05

16.90 17.00 17.10



Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.14 min Scan# 3103

Delta R.T. -0.01 min

Lab File: BP003203.D

Acq: 04 Sep 2020 10:13

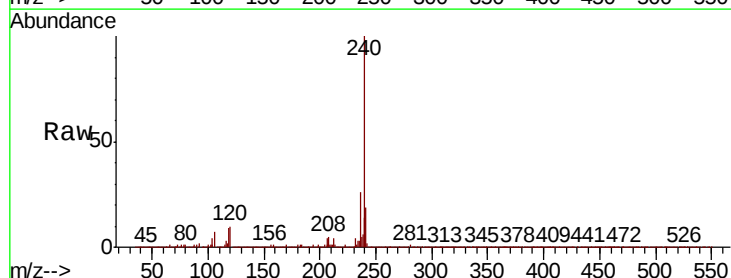
Tgt Ion:240 Resp: 866801

Ion Ratio Lower Upper

240 100

120 9.8 7.8 11.6

236 25.8 20.8 31.2



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

800000

600000

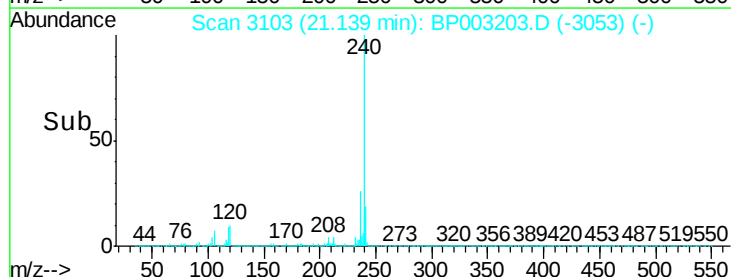
400000

200000

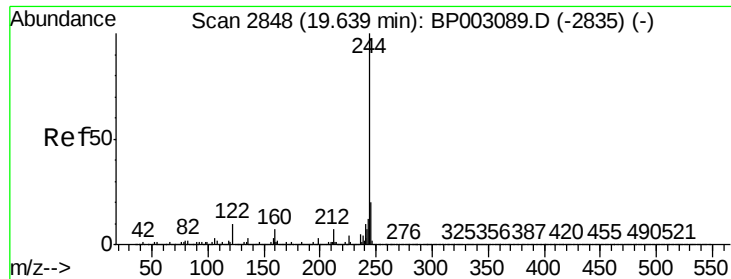
0

21.14

21.00 21.20 21.40



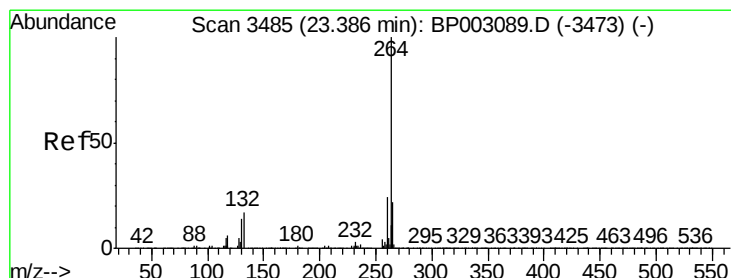
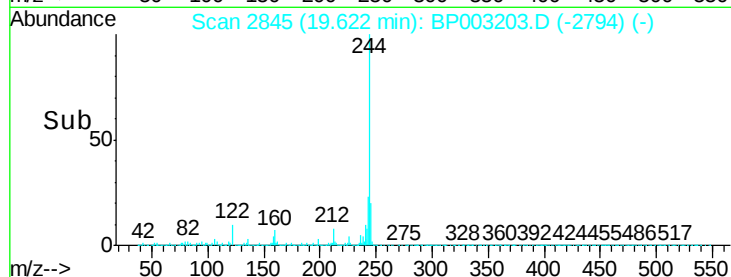
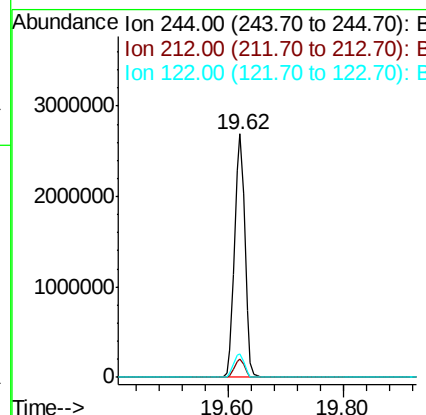
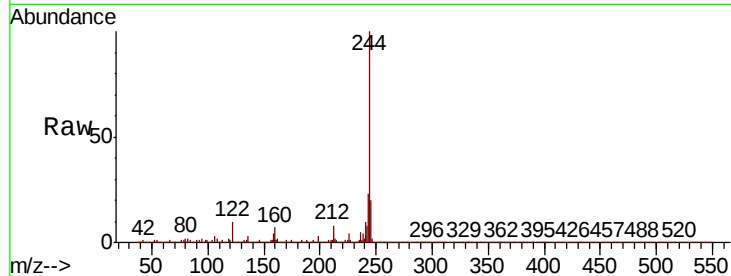
Time-->



#79
 Terphenyl-d14
 Concen: 85.201 ng
 RT: 19.62 min Scan# 2845
 Delta R.T. -0.00 min
 Lab File: BP003203.D
 Acq: 04 Sep 2020 10:13

Instrument :
 MSVOA_L
 ClientSampleId :
 PB131395BL

Tot Ion:244 Resp: 3356267
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.8 8.6
 122 9.8 7.8 11.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.37 min Scan# 3482
 Delta R.T. -0.00 min
 Lab File: BP003203.D
 Acq: 04 Sep 2020 10:13

Tgt Ion:264 Resp: 902994
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.8 28.2
 265 21.6 17.4 26.2

