

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP082720\
 Data File : BP003138.D
 Acq On : 27 Aug 2020 18:40
 Operator : CG/JU
 Sample : L3816-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 ALMASI-1

Quant Time: Aug 28 00:50:16 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP082420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 24 15:32:08 2020
 Response via : Initial Calibration

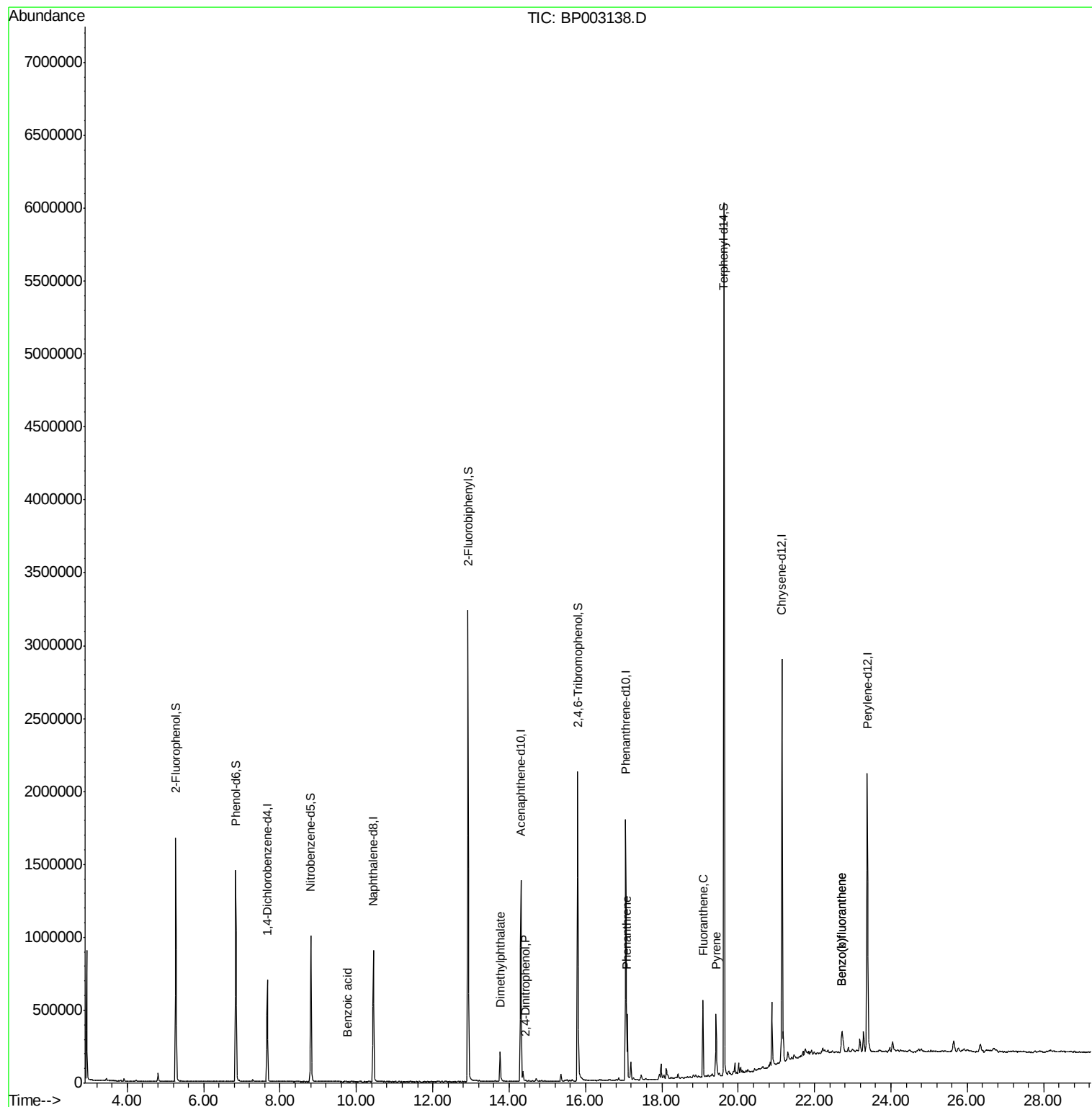
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	215728	20.00	ng	0.00
21) Naphthalene-d8	10.44	136	862364	20.00	ng	0.00
39) Acenaphthene-d10	14.30	164	533030	20.00	ng	0.00
64) Phenanthrene-d10	17.05	188	1167472	20.00	ng	-0.01
76) Chrysene-d12	21.14	240	1257688	20.00	ng	-0.01
86) Perylene-d12	23.38	264	1378529	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	857072	70.24	ng	0.00
7) Phenol-d6	6.84	99	1033486	67.57	ng	0.00
23) Nitrobenzene-d5	8.80	82	593060	49.58	ng	0.00
42) 2,4,6-Tribromophenol	15.80	330	514186	71.32	ng	0.00
45) 2-Fluorobiphenyl	12.92	172	1842905	50.63	ng	0.00
79) Terphenyl-d14	19.63	244	2729768	47.76	ng	-0.01
Target Compounds						
32) Benzoic acid	9.78	122	13	8.998	ng	# 1
50) Dimethylphthalate	13.76	163	173639	4.272	ng	99
54) 2,4-Dinitrophenol	14.42	184	26	7.760	ng	# 1
71) Phenanthrene	17.10	178	290080	4.585	ng	99
75) Fluoranthene	19.07	202	312892	4.279	ng	100
78) Pyrene	19.42	202	280568	3.437	ng	99
88) Benzo(b)fluoranthene	22.71	252	175535	2.049	ng	98
89) Benzo(k)fluoranthene	22.71	252	175535	2.144	ng	99

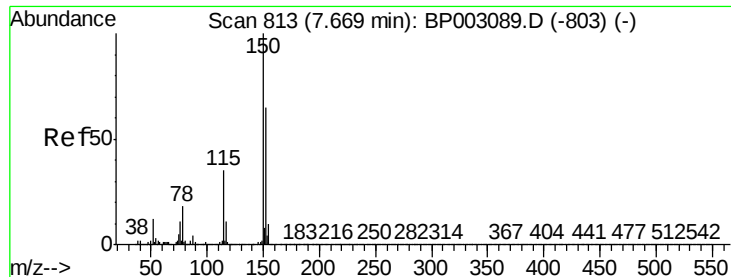
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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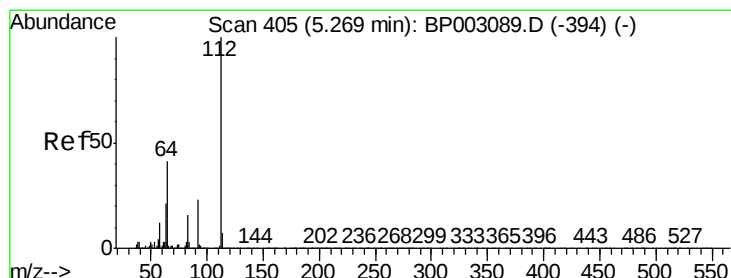
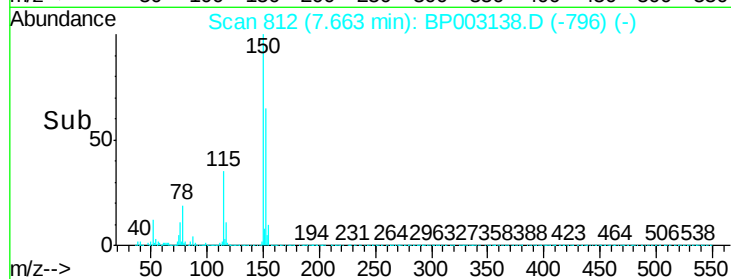
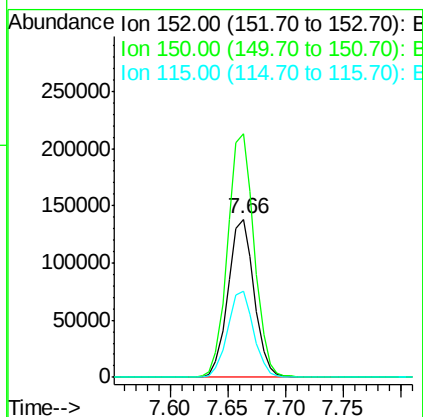
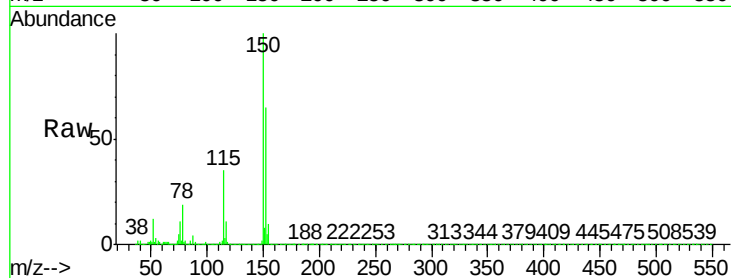


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.66 min Scan# 812
Delta R.T. -0.01 min
Lab File: BP003138.D
Acq: 27 Aug 2020 18:40

Instrument :
BNA_P
ClientSampleId :
ALMASI-1

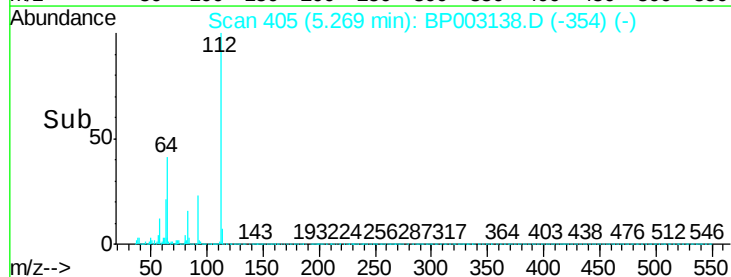
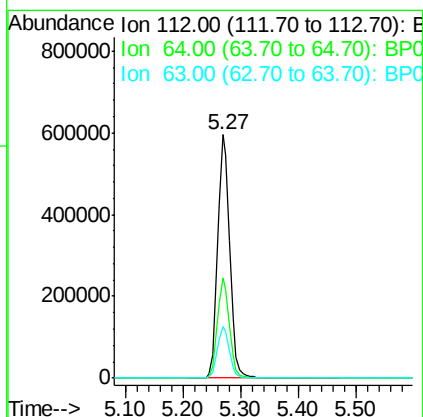
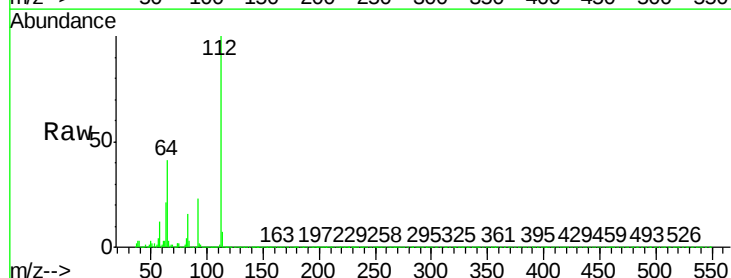
Tot Ion	Ratio	Lower	Upper
152	100		
150	154.1	123.1	184.7
115	54.3	42.8	64.2

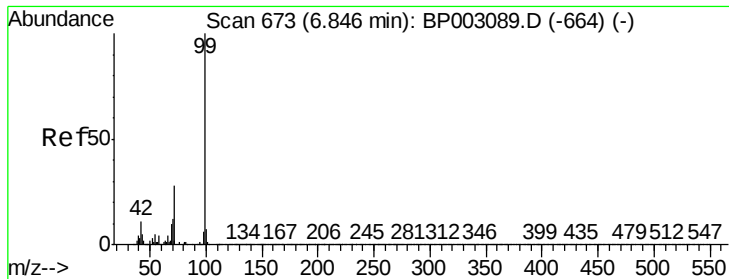


#5

2-Fluorophenol
Concen: 70.242 ng
RT: 5.27 min Scan# 405
Delta R.T. 0.00 min
Lab File: BP003138.D
Acq: 27 Aug 2020 18:40

Tgt Ion	Ratio	Lower	Upper
112	100		
64	41.1	33.0	49.6
63	21.4	16.9	25.3





#7

Phenol-d6

Concen: 67.568 ng

RT: 6.84 min Scan# 672

Delta R.T. -0.01 min

Lab File: BP003138.D

Acq: 27 Aug 2020 18:40

Instrument :

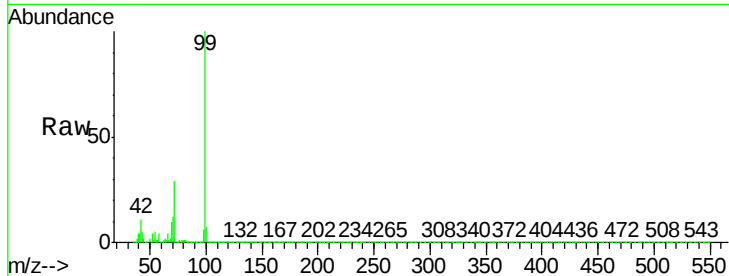
BNA_P

ClientSampleId :

ALMASI-1

Tot Ion: 99 Resp: 1033486

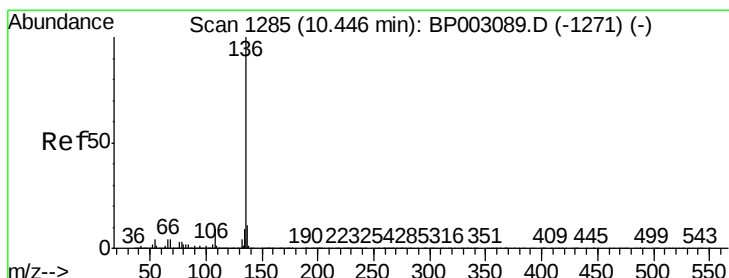
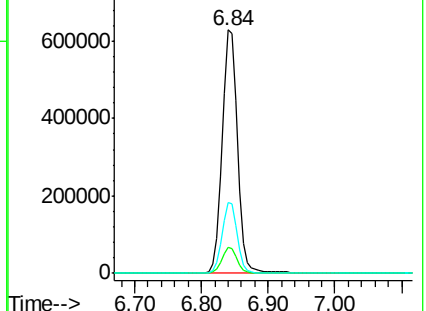
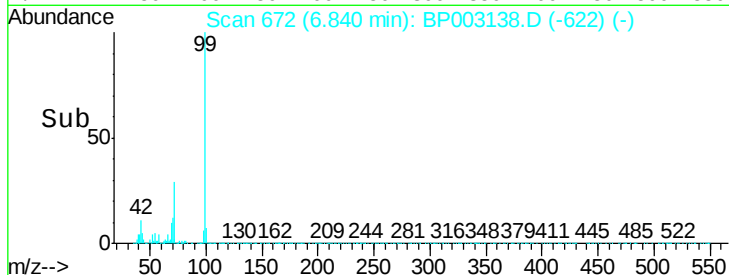
Ion	Ratio	Lower	Upper
99	100		
42	10.8	8.5	12.7
71	29.1	22.8	34.2



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: 10.44 min Scan# 1284

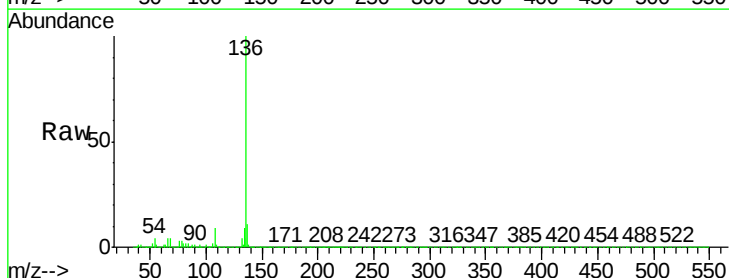
Delta R.T. -0.01 min

Lab File: BP003138.D

Acq: 27 Aug 2020 18:40

Tgt Ion: 136 Resp: 862364

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	4.4	3.5	5.3
68	4.3	3.2	4.8

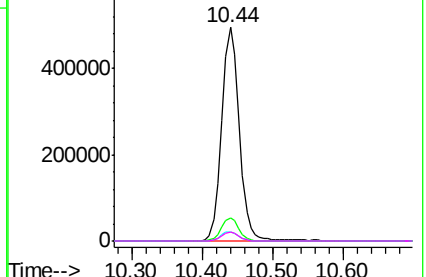
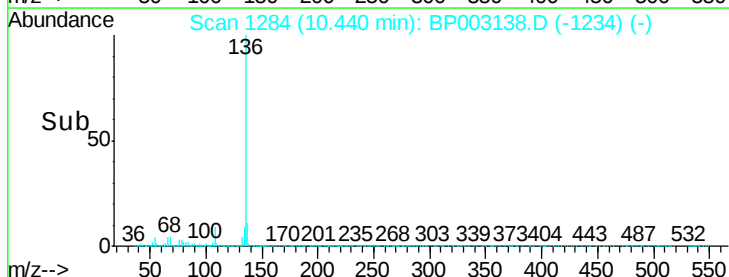


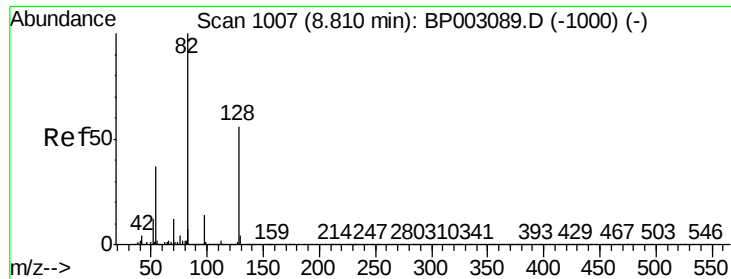
Abundance Ion 136.00 (135.70 to 136.70): E

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

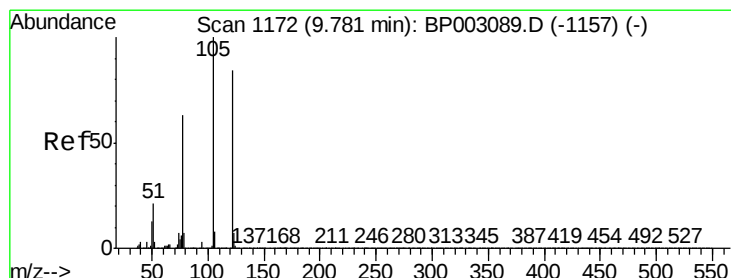
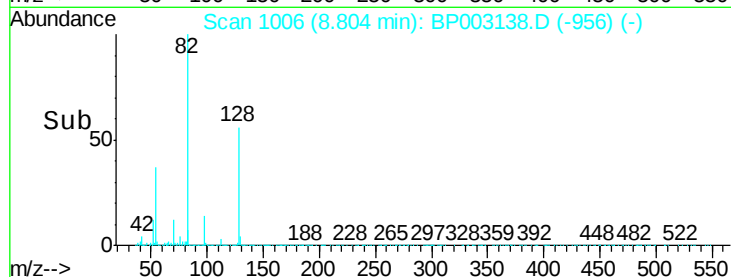
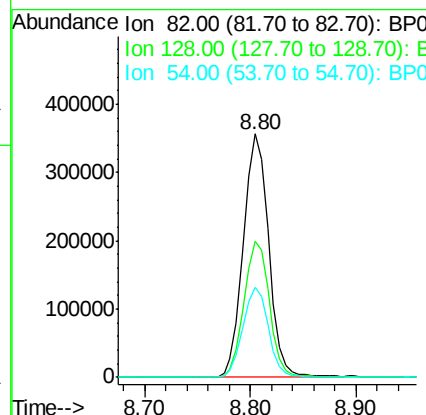
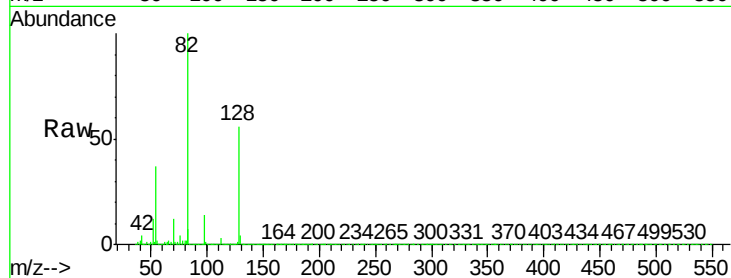




#23
 Nitrobenzene-d5
 Concen: 49.578 ng
 RT: 8.80 min Scan# 1006
 Delta R.T. -0.01 min
 Lab File: BP003138.D
 Acq: 27 Aug 2020 18:40

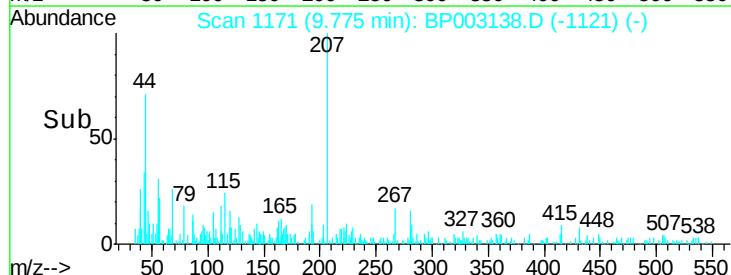
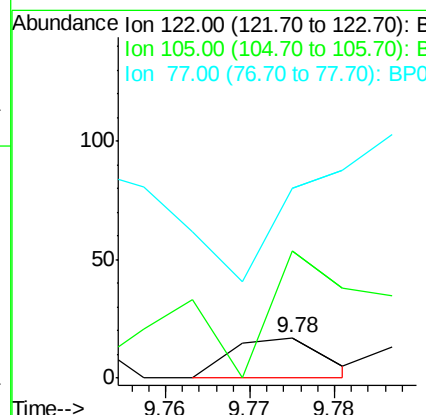
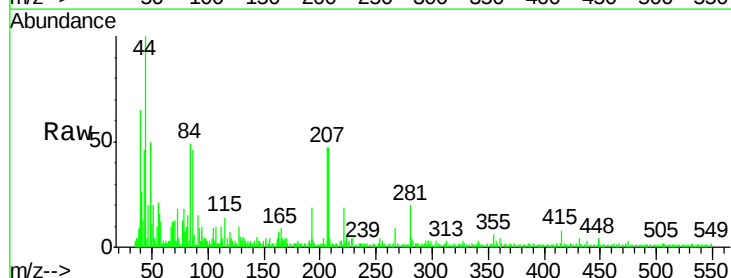
Instrument :
 BNA_P
 ClientSampleId :
 ALMASI-1

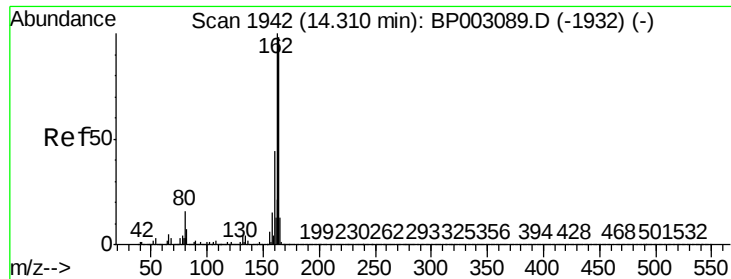
Tot Ion	82	Resp	593060
Ion Ratio	Lower	Upper	
82	100		
128	55.8	44.9	67.3
54	37.1	29.4	44.2



#32
 Benzoic acid
 Concen: 8.998 ng
 RT: 9.78 min Scan# 1171
 Delta R.T. -0.00 min
 Lab File: BP003138.D
 Acq: 27 Aug 2020 18:40

Tgt Ion	122	Resp	13
Ion Ratio	Lower	Upper	
122	100		
105	234.8	98.1	138.1#
77	347.8	55.3	95.3#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.30 min Scan# 1941

Delta R.T. -0.01 min

Lab File: BP003138.D

Acq: 27 Aug 2020 18:40

Instrument :

BNA_P

ClientSampleId :

ALMASI-1

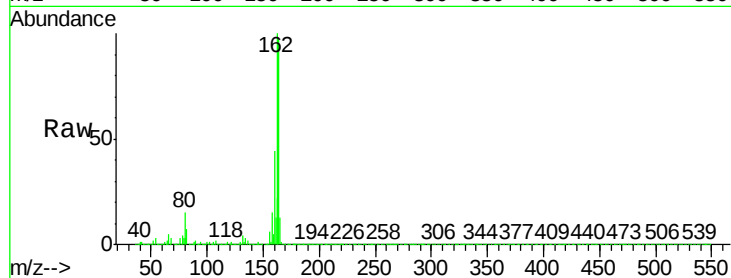
Tot Ion:164 Resp: 533030

Ion Ratio Lower Upper

164 100

162 103.0 81.2 121.8

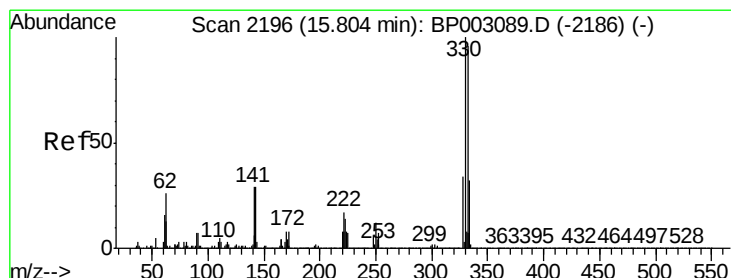
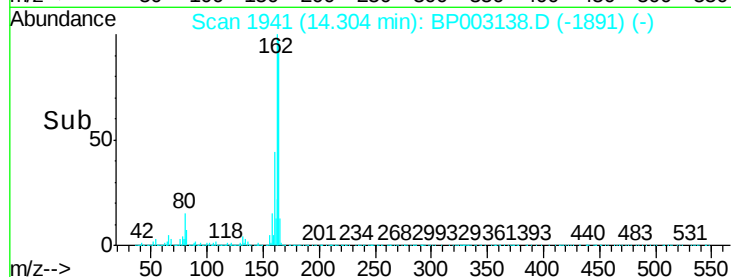
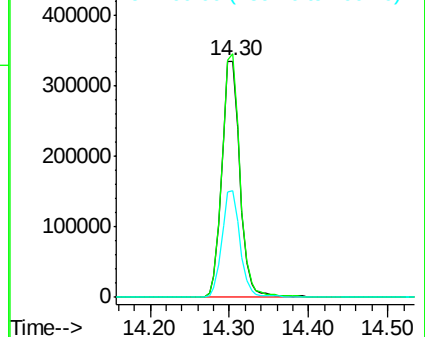
160 45.1 36.0 54.0



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: 71.325 ng

RT: 15.80 min Scan# 2195

Delta R.T. -0.01 min

Lab File: BP003138.D

Acq: 27 Aug 2020 18:40

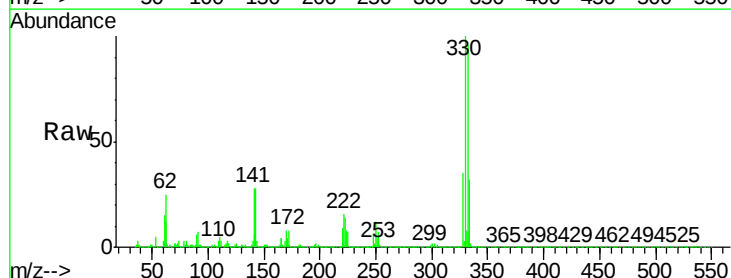
Tgt Ion:330 Resp: 514186

Ion Ratio Lower Upper

330 100

332 97.1 77.3 115.9

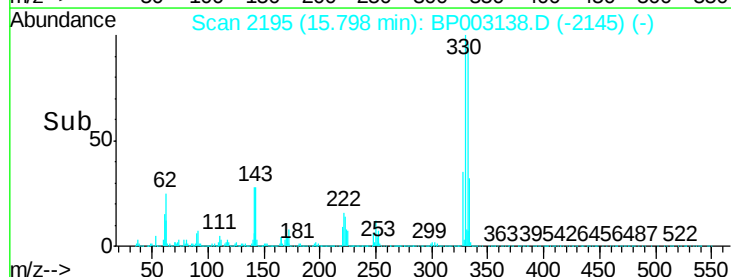
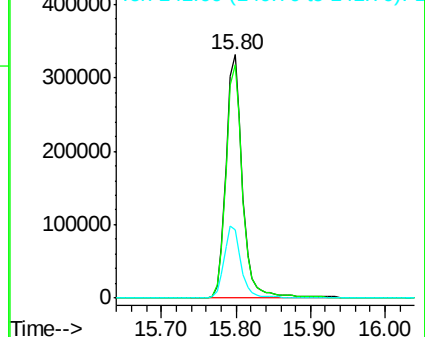
141 30.5 24.4 36.6

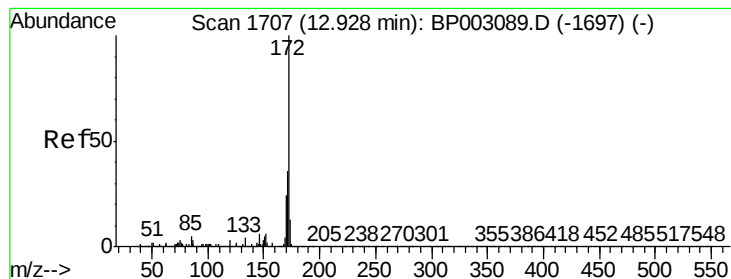


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#45

2-Fluorobiphenyl

Concen: 50.632 ng

RT: 12.92 min Scan# 1706

Delta R.T. -0.01 min

Lab File: BP003138.D

Acq: 27 Aug 2020 18:40

Instrument :

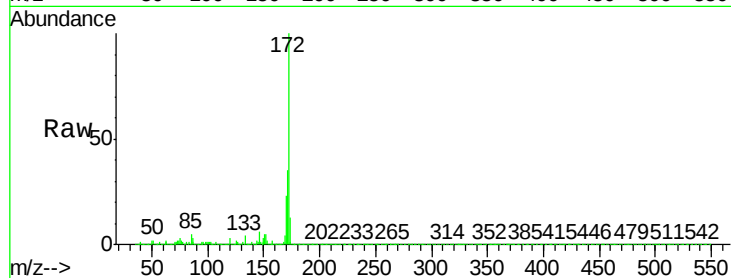
BNA_P

ClientSampleId :

ALMASI-1

Tot Ion:172 Resp: 1842905

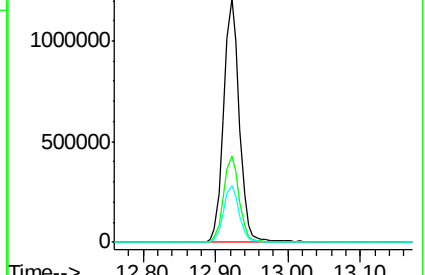
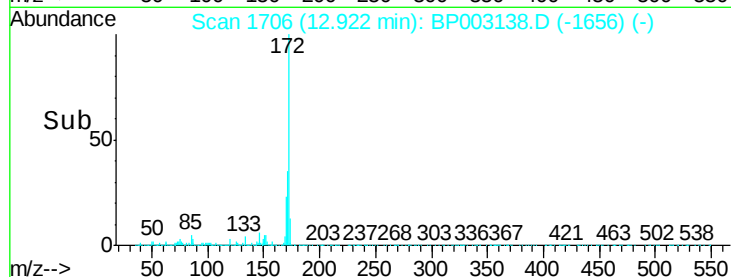
Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.7	43.1
170	23.4	19.0	28.4



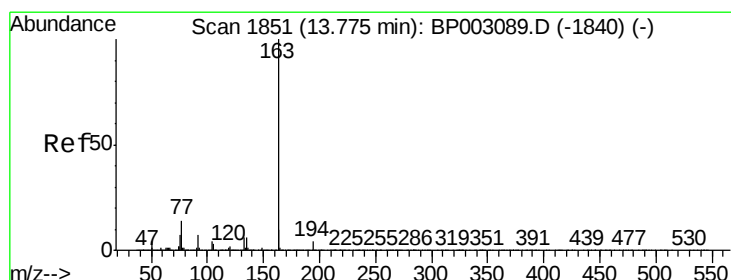
Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



Time-->



#50

Dimethylphthalate

Concen: 4.272 ng

RT: 13.76 min Scan# 1849

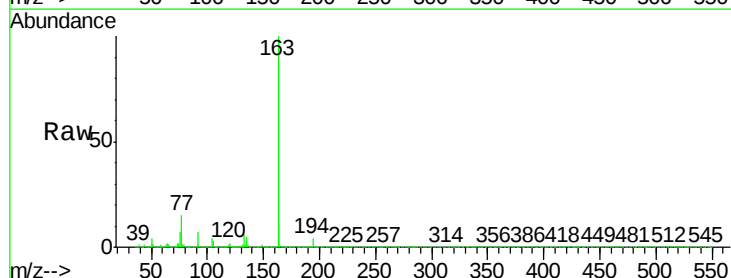
Delta R.T. -0.01 min

Lab File: BP003138.D

Acq: 27 Aug 2020 18:40

Tgt Ion:163 Resp: 173639

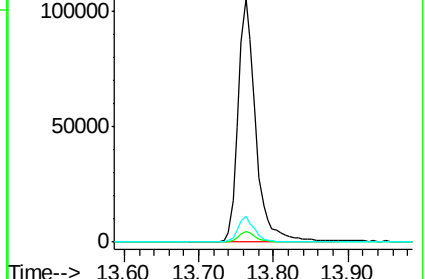
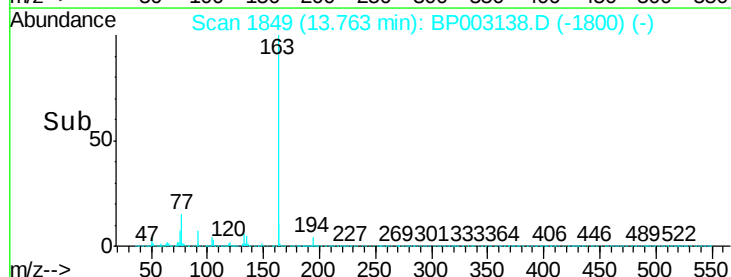
Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.4	5.0
164	10.7	8.1	12.1



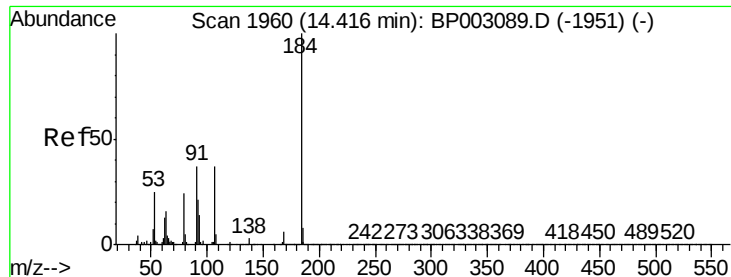
Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



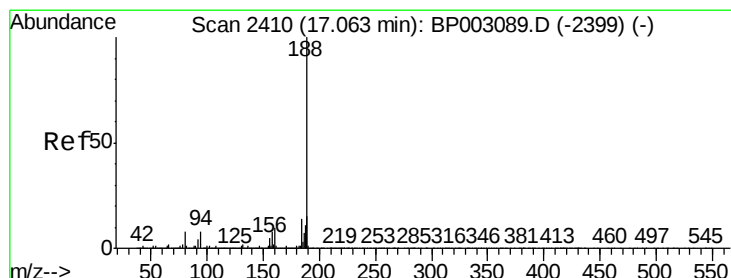
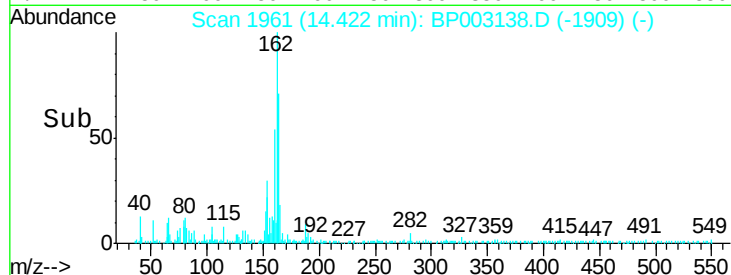
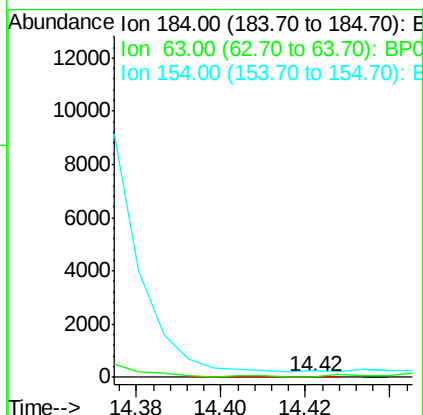
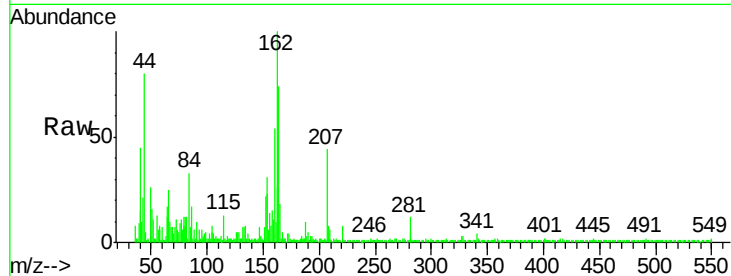
Time-->



#54
 2,4-Dinitrophenol
 Concen: 7.760 ng
 RT: 14.42 min Scan# 1961
 Delta R.T. 0.01 min
 Lab File: BP003138.D
 Acq: 27 Aug 2020 18:40

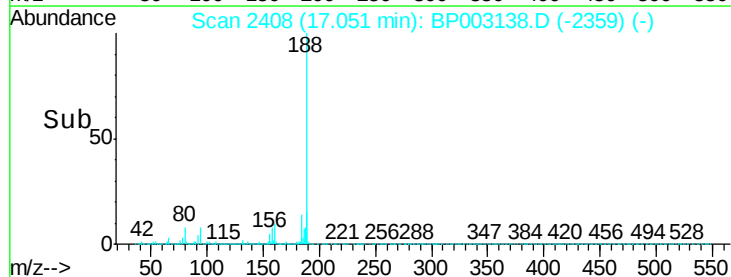
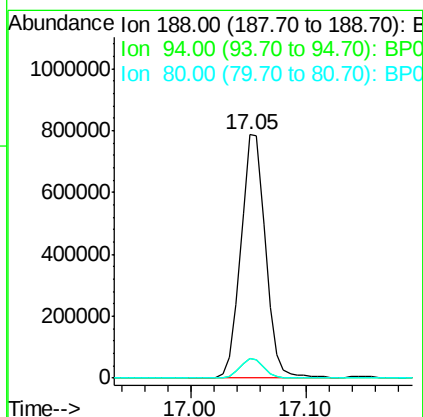
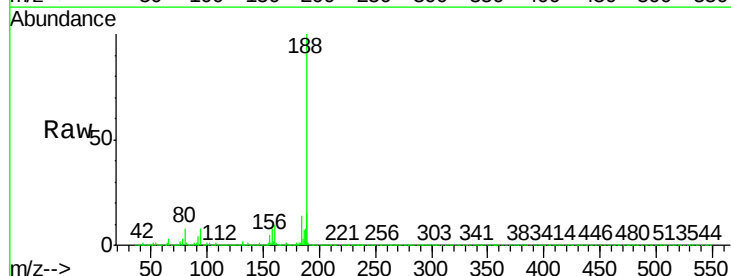
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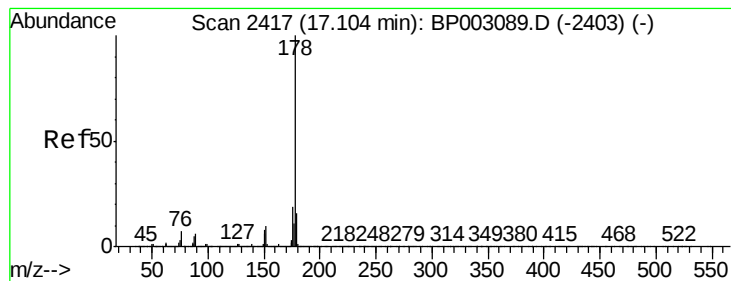
Tot Ion:184 Resp: 26
 Ion Ratio Lower Upper
 184 100
 63 103.7 32.0 48.0#
 154 907.4 48.2 72.2#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.05 min Scan# 2408
 Delta R.T. -0.01 min
 Lab File: BP003138.D
 Acq: 27 Aug 2020 18:40

Tgt Ion:188 Resp: 1167472
 Ion Ratio Lower Upper
 188 100
 94 8.1 6.2 9.4
 80 8.0 6.4 9.6





#71

Phenanthrene

Concen: 4.585 ng

RT: 17.10 min Scan# 2416

Delta R.T. -0.01 min

Lab File: BP003138.D

Acq: 27 Aug 2020 18:40

Instrument :

BNA_P

ClientSampleId :

ALMASI-1

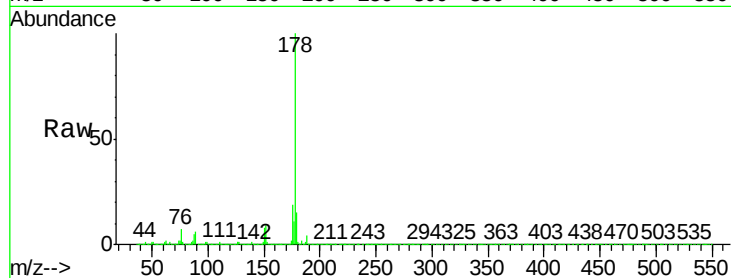
Tot Ion:178 Resp: 290080

Ion Ratio Lower Upper

178 100

176 18.6 15.4 23.2

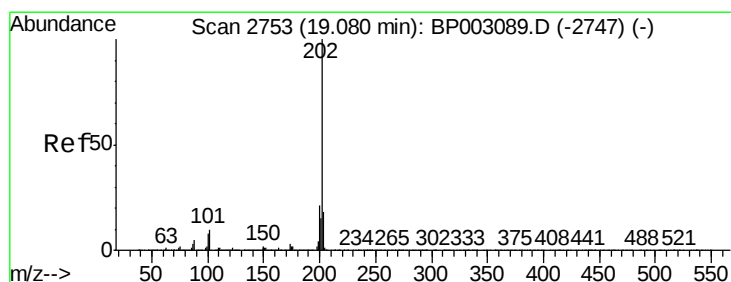
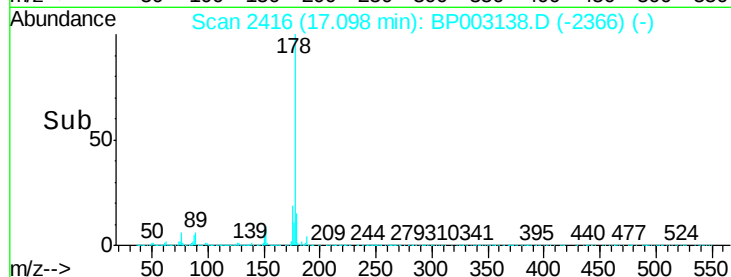
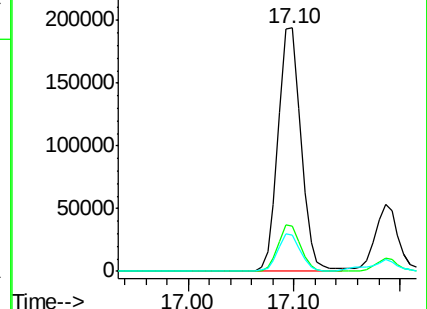
179 15.1 12.4 18.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#75

Fluoranthene

Concen: 4.279 ng

RT: 19.07 min Scan# 2752

Delta R.T. -0.01 min

Lab File: BP003138.D

Acq: 27 Aug 2020 18:40

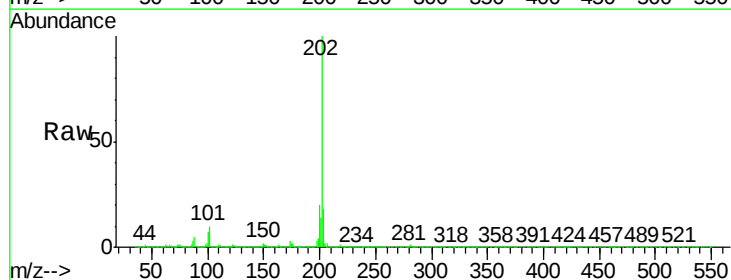
Tgt Ion:202 Resp: 312892

Ion Ratio Lower Upper

202 100

101 9.5 0.0 30.0

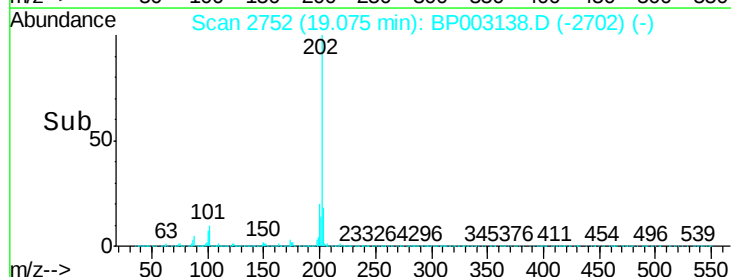
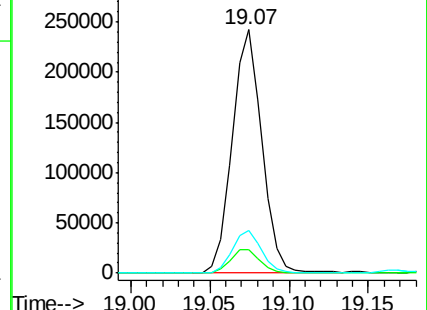
203 17.7 0.0 37.7

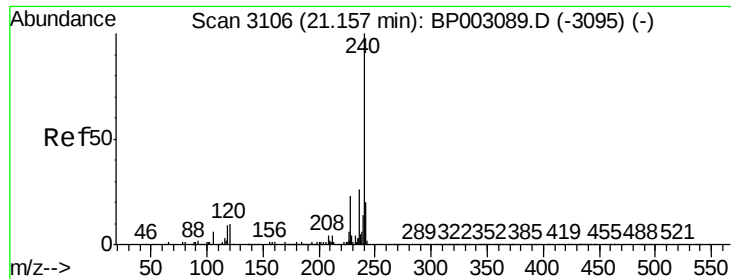


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

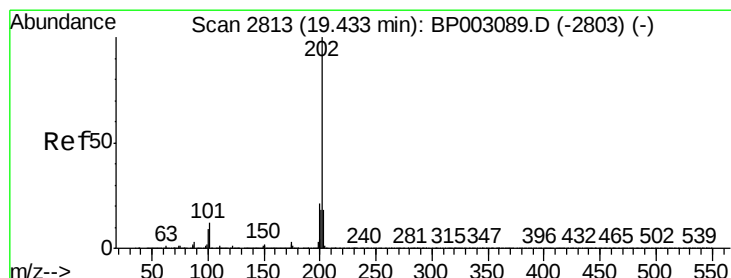
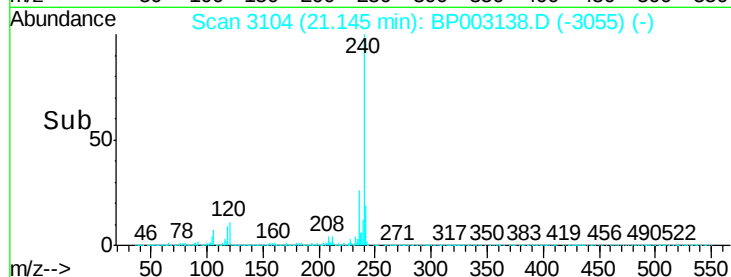
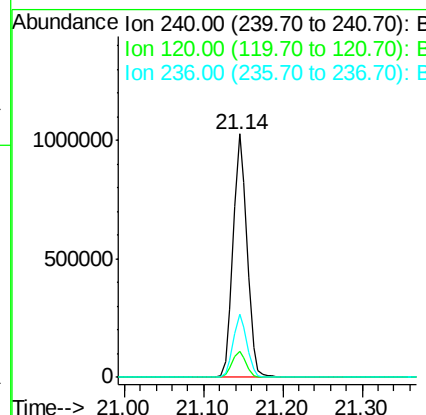
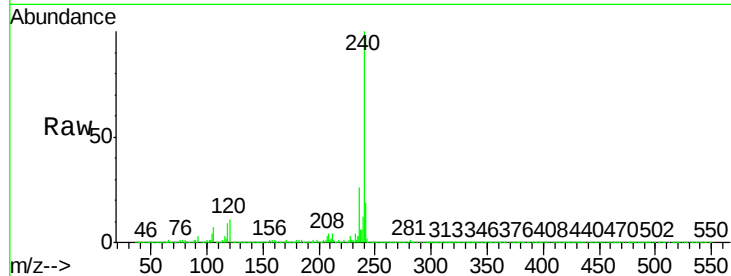




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.14 min Scan# 3104
Delta R.T. -0.01 min
Lab File: BP003138.D
Acq: 27 Aug 2020 18:40

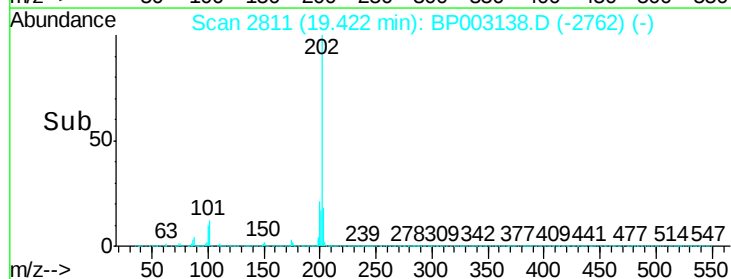
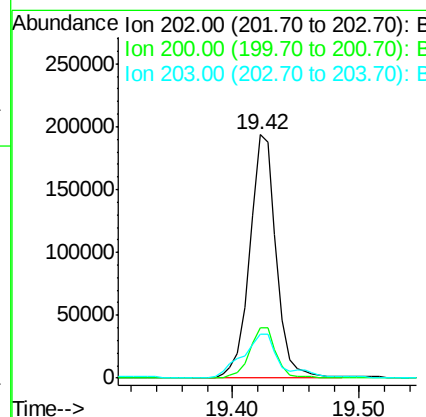
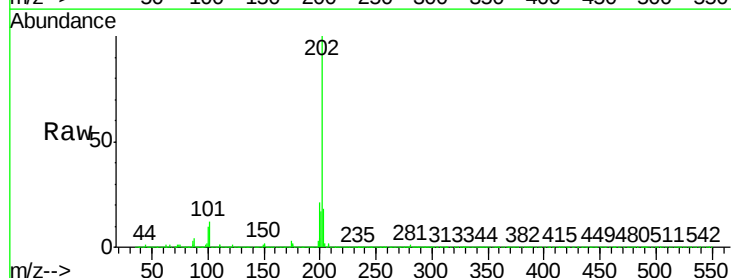
Instrument :
BNA_P
ClientSampleId :
ALMASI-1

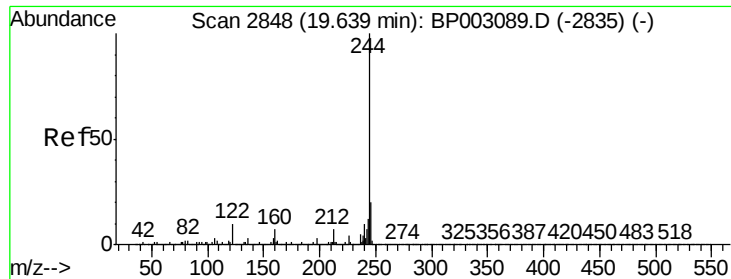
Tot Ion:240 Resp: 1257688
Ion Ratio Lower Upper
240 100
120 10.6 8.4 12.6
236 25.8 20.6 31.0



#78
Pyrene
Concen: 3.437 ng
RT: 19.42 min Scan# 2811
Delta R.T. -0.01 min
Lab File: BP003138.D
Acq: 27 Aug 2020 18:40

Tgt Ion:202 Resp: 280568
Ion Ratio Lower Upper
202 100
200 20.7 17.0 25.4
203 18.2 14.0 21.0





#79

Terphenyl-d14

Concen: 47.759 ng

RT: 19.63 min Scan# 2846

Delta R.T. -0.01 min

Lab File: BP003138.D

Acq: 27 Aug 2020 18:40

Instrument :

BNA_P

ClientSampled :

ALMASI-1

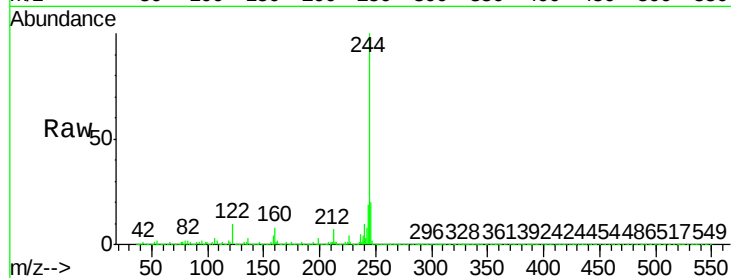
Tot Ion:244 Resp: 2729768

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.8

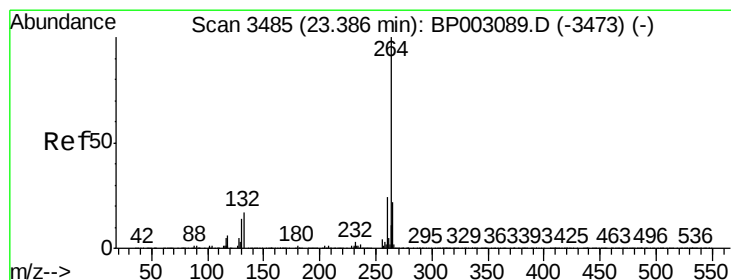
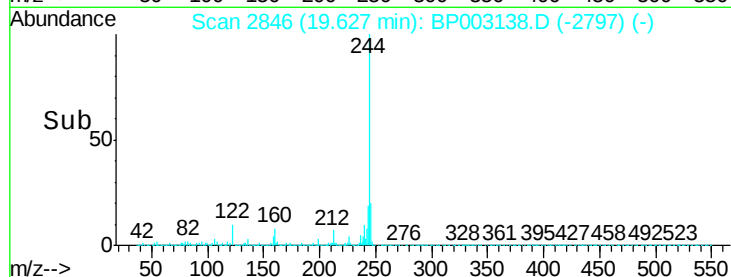
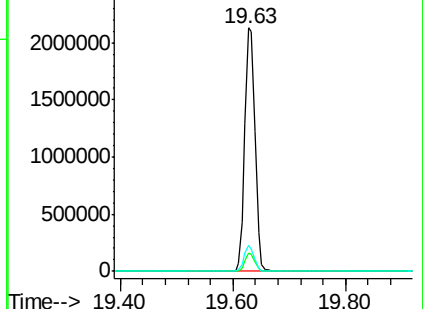
122 10.5 7.7 11.5



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.38 min Scan# 3484

Delta R.T. -0.01 min

Lab File: BP003138.D

Acq: 27 Aug 2020 18:40

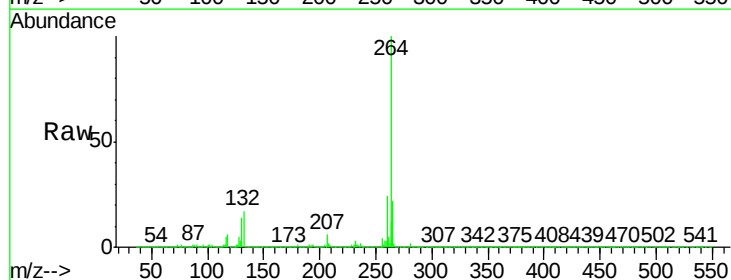
Tgt Ion:264 Resp: 1378529

Ion Ratio Lower Upper

264 100

260 23.7 19.0 28.6

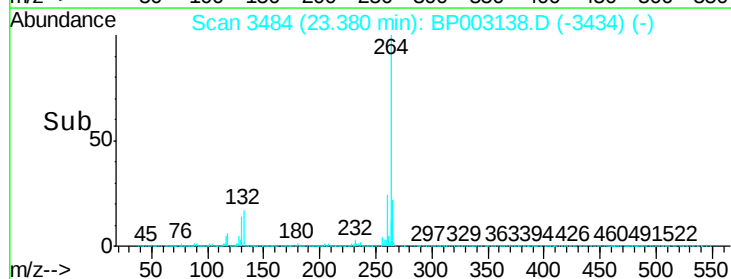
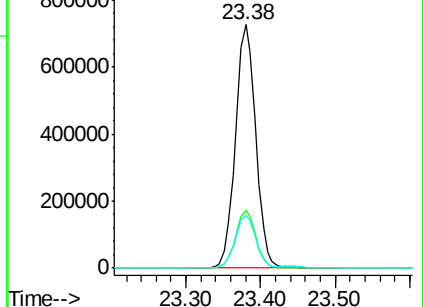
265 21.8 17.7 26.5

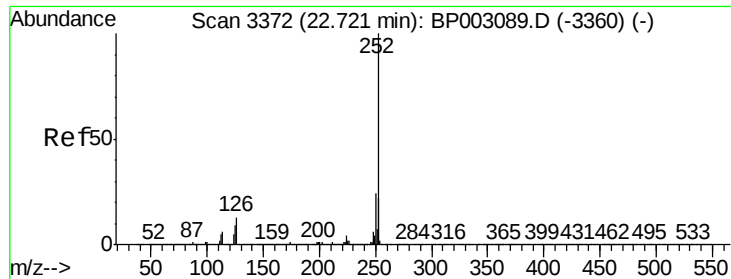


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#88

Benzo(b)fluoranthene

Concen: 2.049 ng

RT: 22.71 min Scan# 3370

Delta R.T. -0.01 min

Lab File: BP003138.D

Acq: 27 Aug 2020 18:40

Instrument :

BNA_P

ClientSampleId :

ALMASI-1

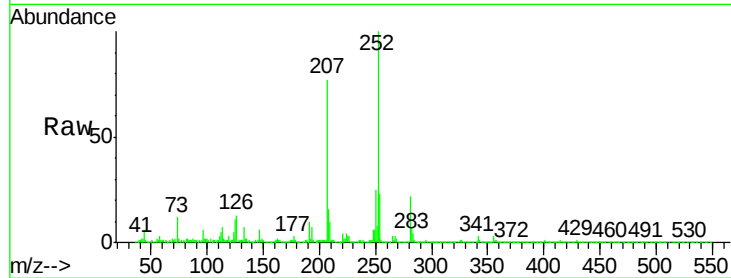
Tot Ion:252 Resp: 175535

Ion Ratio Lower Upper

252 100

253 22.7 17.5 26.3

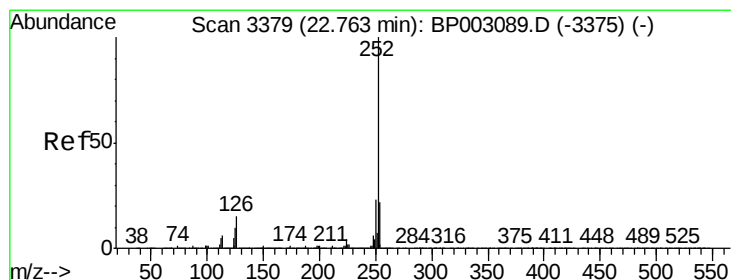
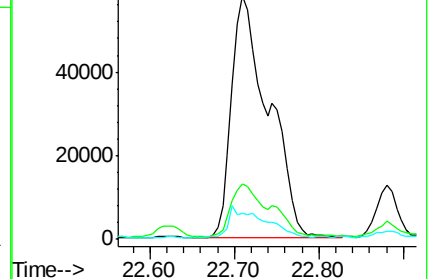
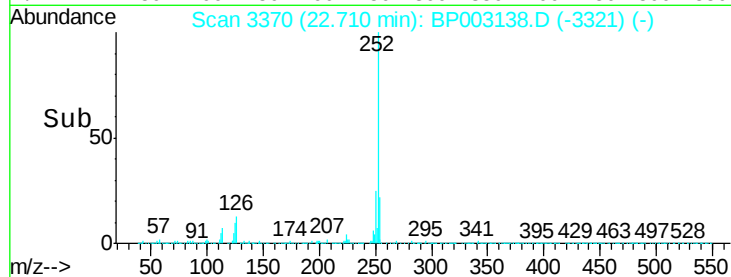
125 10.6 7.6 11.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Benzo(k)fluoranthene

Concen: 2.144 ng

RT: 22.71 min Scan# 3370

Delta R.T. -0.05 min

Lab File: BP003138.D

Acq: 27 Aug 2020 18:40

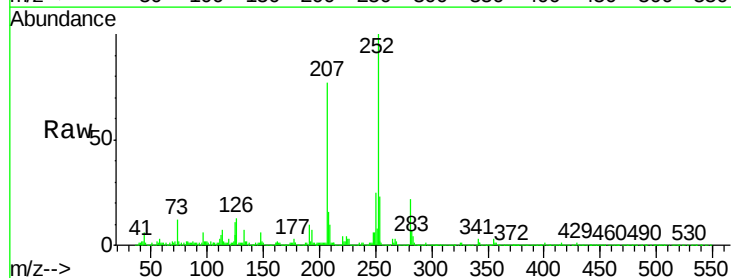
Tgt Ion:252 Resp: 175535

Ion Ratio Lower Upper

252 100

253 22.7 17.8 26.6

125 10.6 8.0 12.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

