

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP071620\
 Data File : BP002771.D
 Acq On : 16 Jul 2020 14:26
 Operator : CG/JU
 Sample : PB130239BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB130239BL

Quant Time: Jul 16 15:23:30 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP071020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 13 10:54:03 2020
 Response via : Initial Calibration

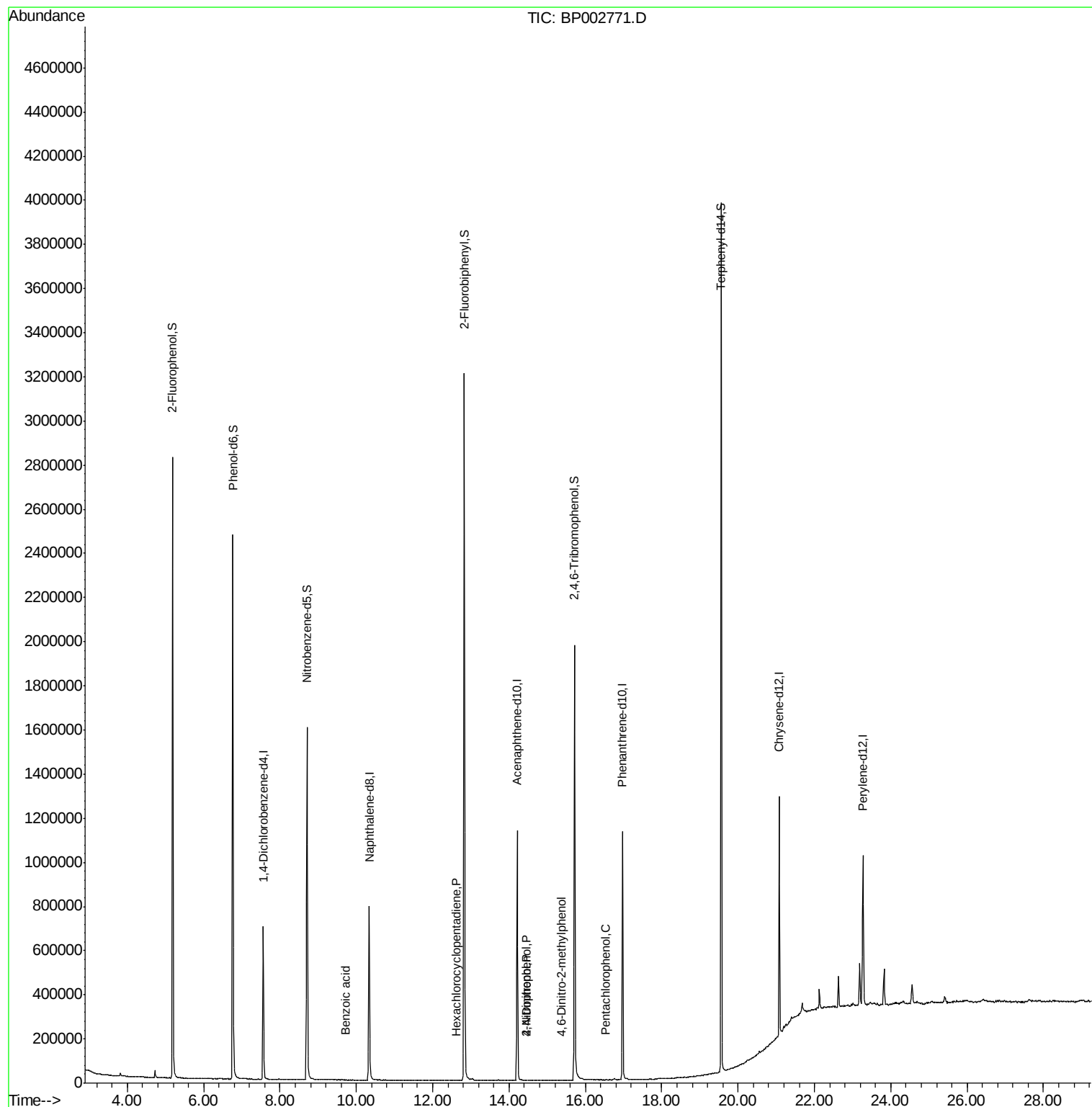
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	182648	20.00	ng	0.00
21) Naphthalene-d8	10.33	136	696602	20.00	ng	0.00
39) Acenaphthene-d10	14.21	164	384450	20.00	ng	0.00
64) Phenanthrene-d10	16.97	188	705141	20.00	ng	0.00
76) Chrysene-d12	21.08	240	514688	20.00	ng	0.00
86) Perylene-d12	23.27	264	470907	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	1189390	109.87	ng	0.00
7) Phenol-d6	6.76	99	1495367	96.79	ng	0.00
23) Nitrobenzene-d5	8.70	82	997664	76.60	ng	0.00
42) 2,4,6-Tribromophenol	15.72	330	395649	98.59	ng	0.00
45) 2-Fluorobiphenyl	12.82	172	1824893	73.43	ng	0.00
79) Terphenyl-d14	19.56	244	1744361	77.70	ng	0.00
Target Compounds						
32) Benzoic acid	9.72	122	33	7.066	ng	Qvalue # 1
41) Hexachlorocyclopentadiene	12.61	237	20	7.438	ng	83
54) 2,4-Dinitrophenol	14.46	184	39	11.384	ng	89
56) 4-Nitrophenol	14.46	139	47	4.980	ng	# 42
65) 4,6-Dinitro-2-methylphenol	15.35	198	18	5.270	ng	# 1
70) Pentachlorophenol	16.52	266	10	7.444	ng	92

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

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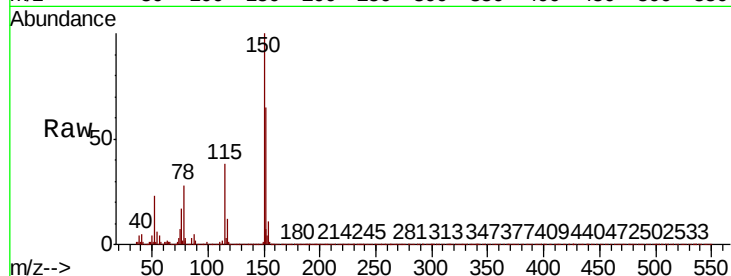


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.56 min Scan# 794
Delta R.T. 0.01 min
Lab File: BP002771.D
Acq: 16 Jul 2020 14:26

Instrument :
BNA_P
ClientSampleId :
PB130239BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.0	123.7	185.5
115	58.9	47.2	70.8

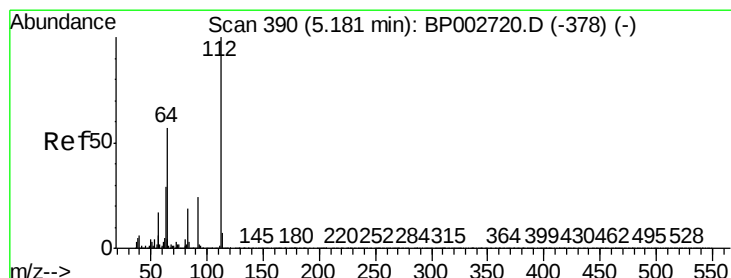
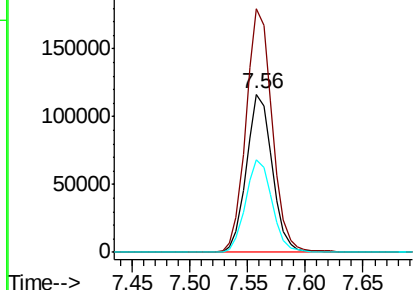
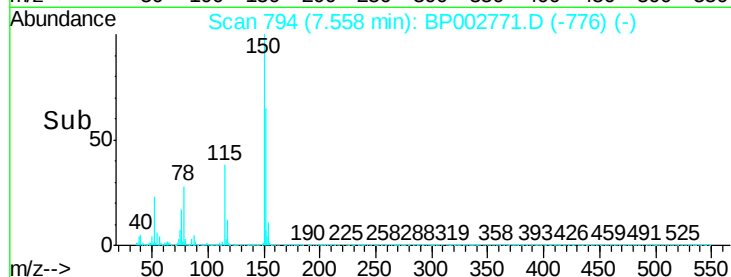


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

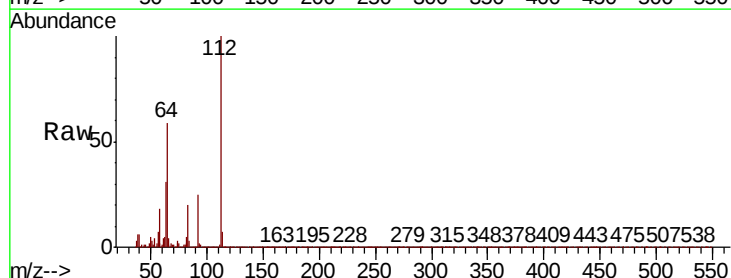
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 109.868 ng
RT: 5.19 min Scan# 391
Delta R.T. 0.01 min
Lab File: BP002771.D
Acq: 16 Jul 2020 14:26

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.5	45.6	68.4
63	31.2	23.5	35.3

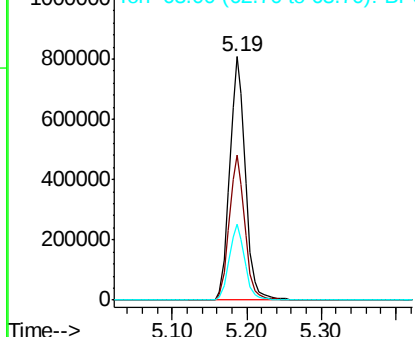
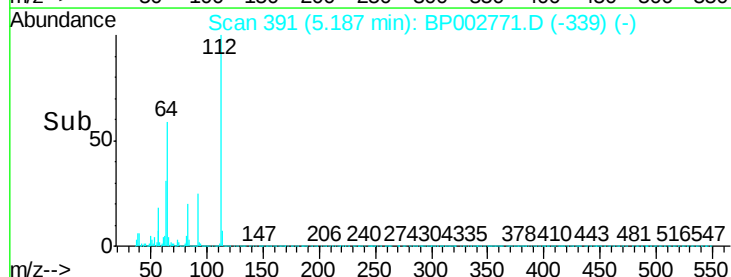


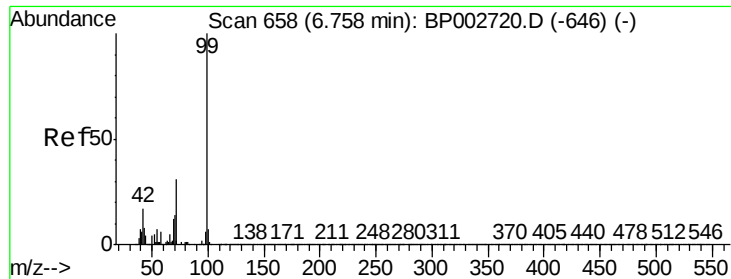
Abundance

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: 96.788 ng

RT: 6.76 min Scan# 659

Delta R.T. 0.01 min

Lab File: BP002771.D

Acq: 16 Jul 2020 14:26

Instrument :

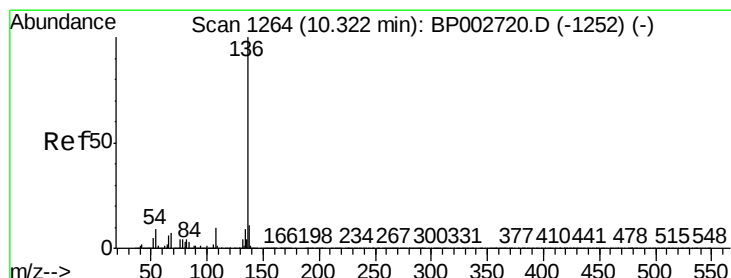
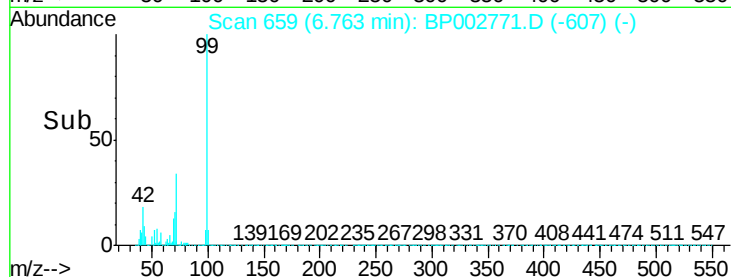
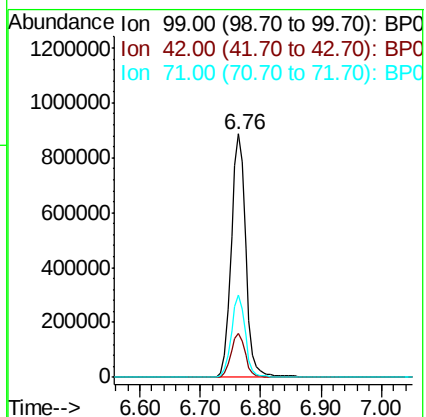
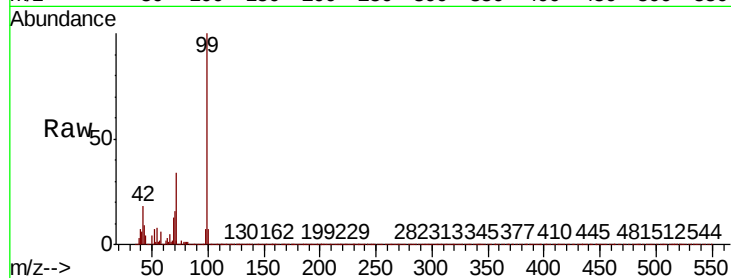
BNA_P

ClientSampleId :

PB130239BL

Tot Ion: 99 Resp: 1495367

Ion	Ratio	Lower	Upper
99	100		
42	18.0	13.4	20.2
71	33.7	24.6	36.8



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.33 min Scan# 1266

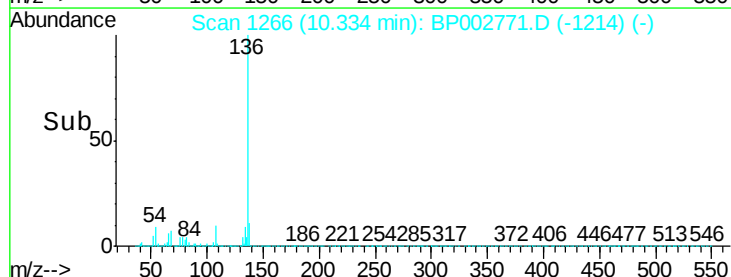
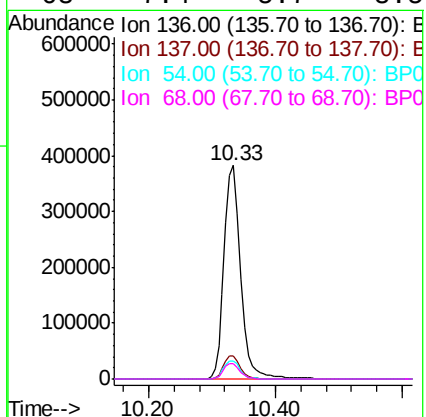
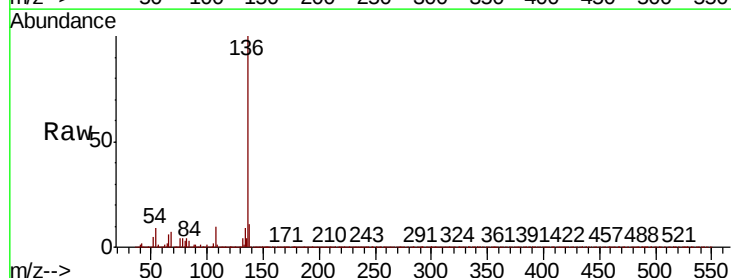
Delta R.T. 0.01 min

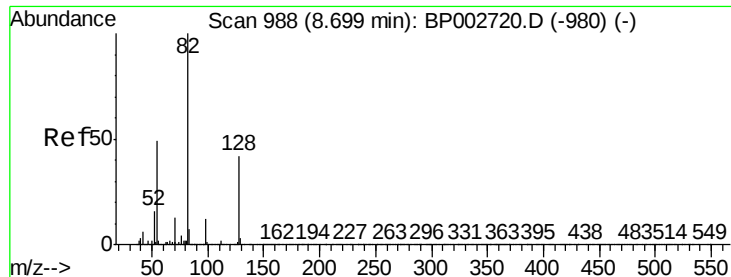
Lab File: BP002771.D

Acq: 16 Jul 2020 14:26

Tgt Ion: 136 Resp: 696602

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	13.0
54	8.6	6.9	10.3
68	7.4	5.7	8.5

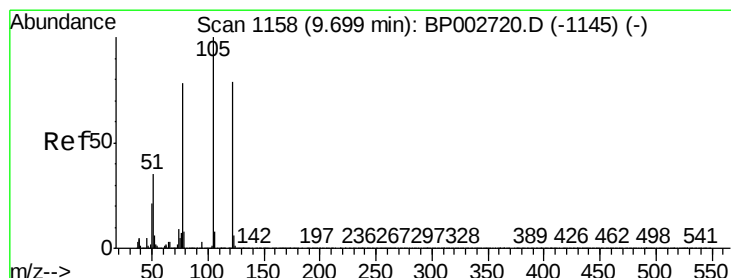
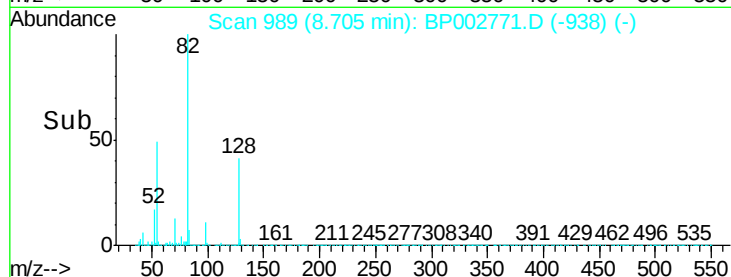
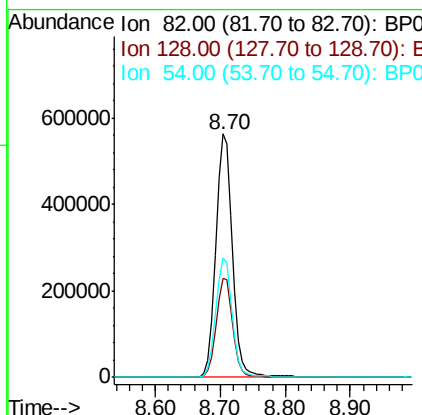
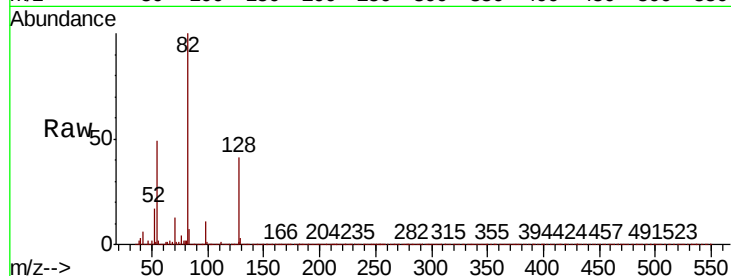




#23
 Nitrobenzene-d5
 Concen: 76.598 ng
 RT: 8.70 min Scan# 989
 Delta R.T. 0.00 min
 Lab File: BP002771.D
 Acq: 16 Jul 2020 14:26

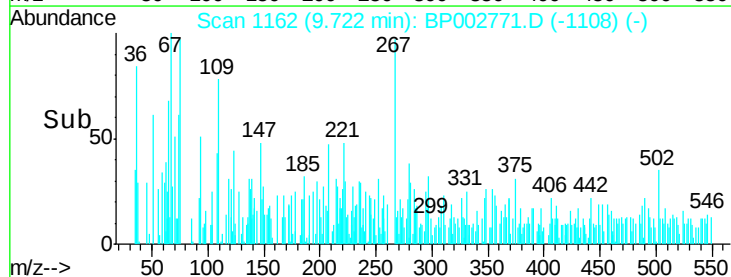
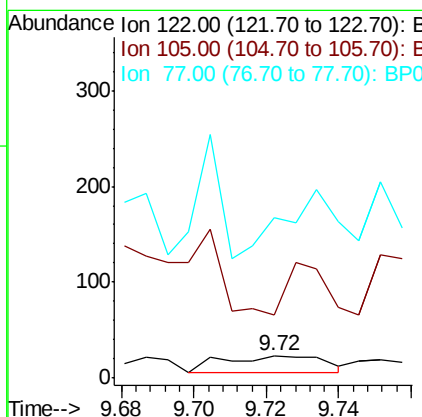
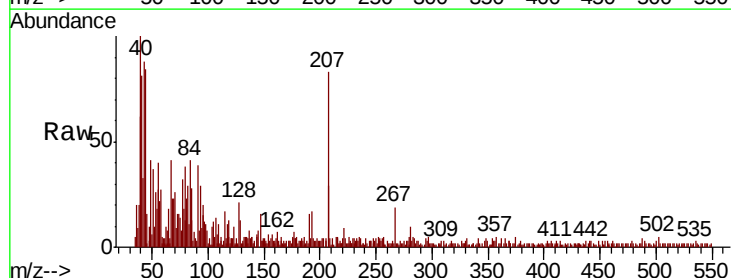
Instrument :
 BNA_P
 ClientSampleId :
 PB130239BL

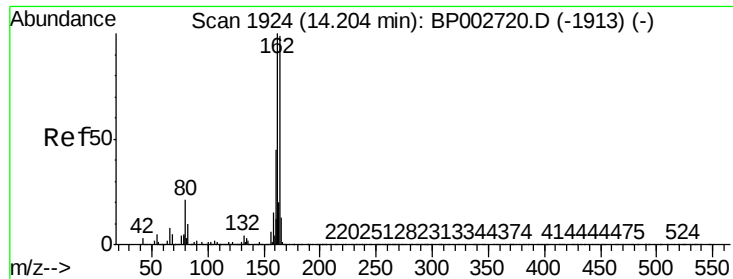
Tot Ion	82	Resp	997664
Ion Ratio	100	Lower	Upper
128	40.9	33.8	50.8
54	49.1	38.8	58.2



#32
 Benzoic acid
 Concen: 7.066 ng
 RT: 9.72 min Scan# 1162
 Delta R.T. 0.02 min
 Lab File: BP002771.D
 Acq: 16 Jul 2020 14:26

Tgt Ion	122	Resp	33
Ion Ratio	100	Lower	Upper
105	282.6	105.4	145.4#
77	730.4	78.5	118.5#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.21 min Scan# 1925

Delta R.T. 0.00 min

Lab File: BP002771.D

Acq: 16 Jul 2020 14:26

Instrument :

BNA_P

ClientSampleId :

PB130239BL

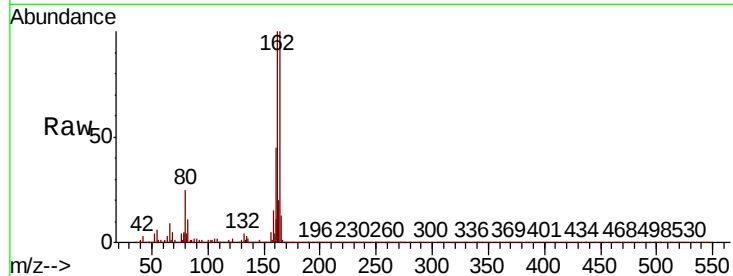
Tot Ion:164 Resp: 384450

Ion Ratio Lower Upper

164 100

162 100.2 80.6 121.0

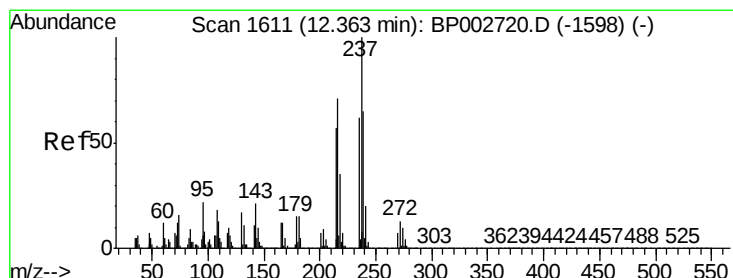
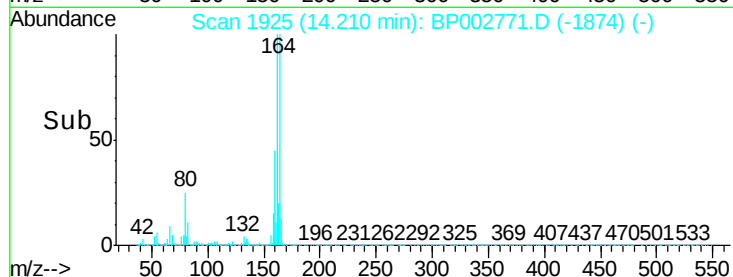
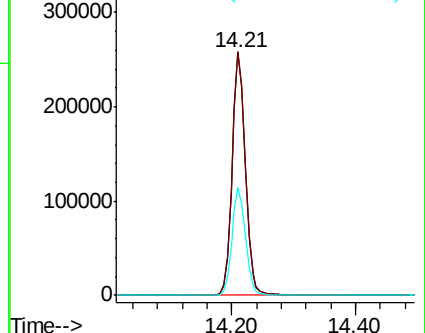
160 44.6 36.4 54.6



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: 7.438 ng

RT: 12.61 min Scan# 1653

Delta R.T. 0.25 min

Lab File: BP002771.D

Acq: 16 Jul 2020 14:26

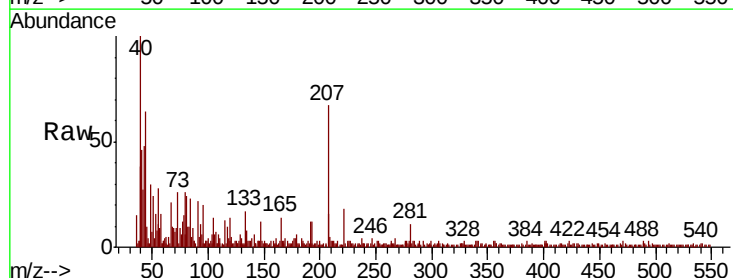
Tgt Ion:237 Resp: 20

Ion Ratio Lower Upper

237 100

235 51.9 42.3 82.3

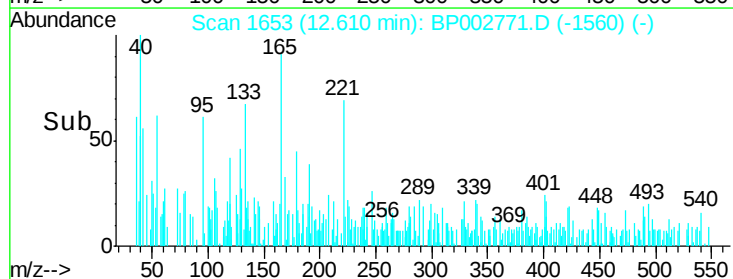
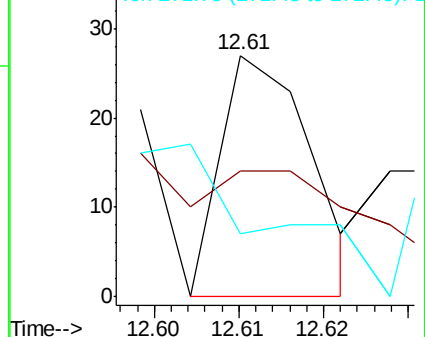
272 25.9 0.0 32.5

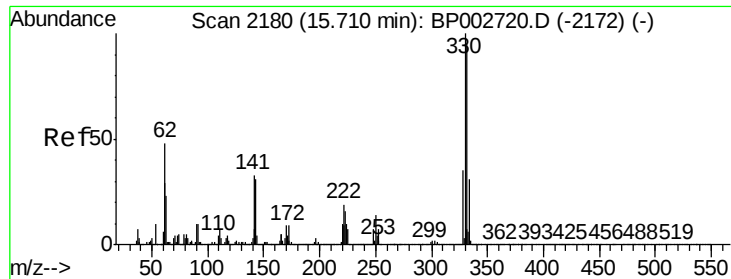


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

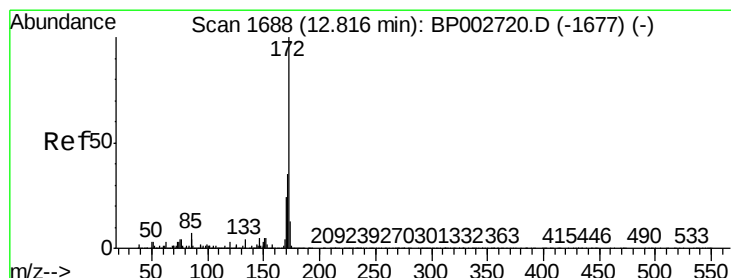
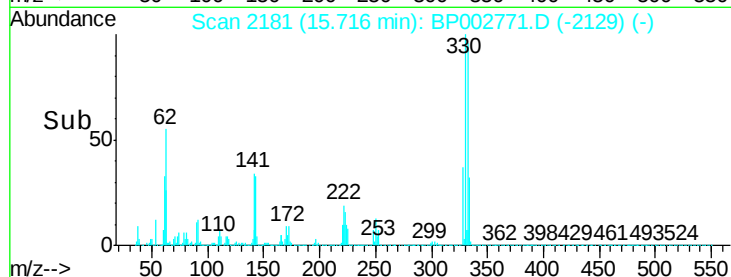
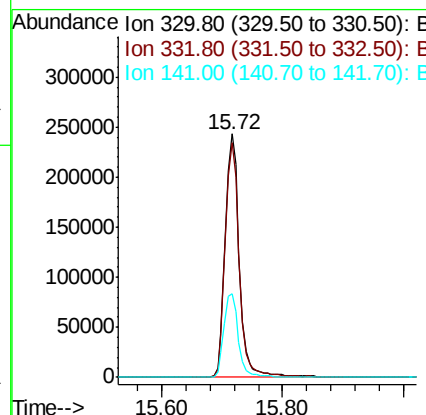
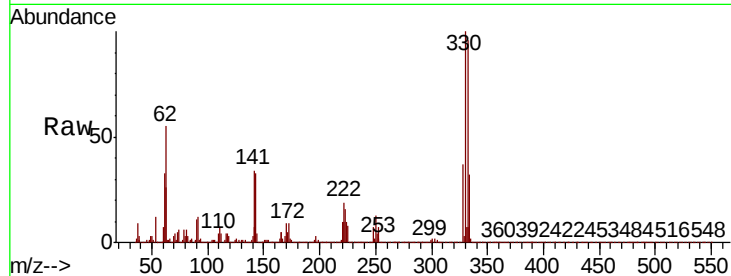




#42
 2,4,6-Tribromophenol
 Concen: 98.591 ng
 RT: 15.72 min Scan# 2181
 Delta R.T. 0.01 min
 Lab File: BP002771.D
 Acq: 16 Jul 2020 14:26

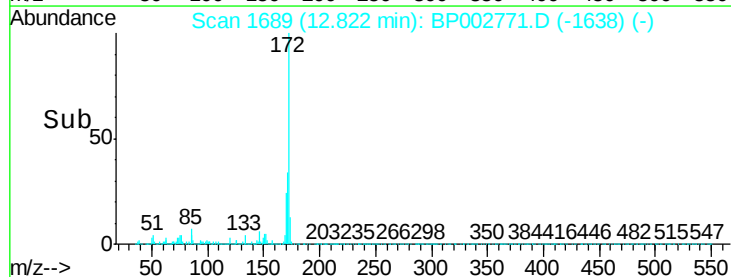
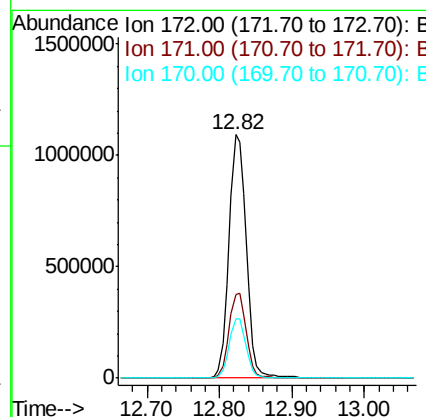
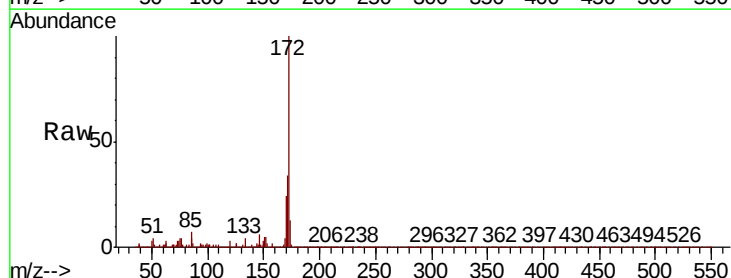
Instrument :
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 PB130239BL

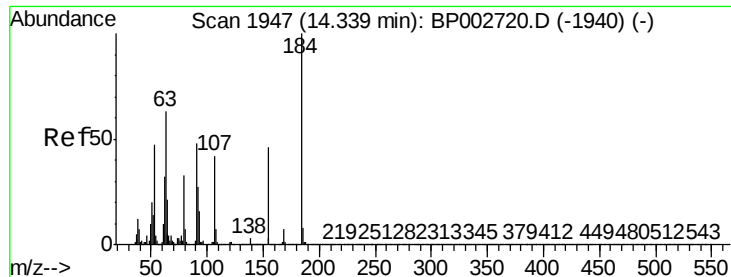
Tot Ion:330 Resp: 395649
 Ion Ratio Lower Upper
 330 100
 332 95.7 76.5 114.7
 141 35.5 28.8 43.2



#45
 2-Fluorobiphenyl
 Concen: 73.431 ng
 RT: 12.82 min Scan# 1689
 Delta R.T. 0.00 min
 Lab File: BP002771.D
 Acq: 16 Jul 2020 14:26

Tgt Ion:172 Resp: 1824893
 Ion Ratio Lower Upper
 172 100
 171 34.2 28.1 42.1
 170 24.2 19.3 28.9

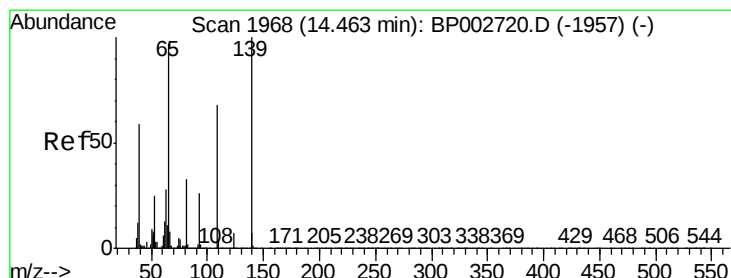
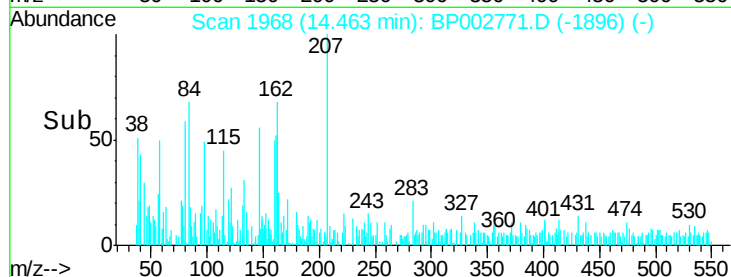
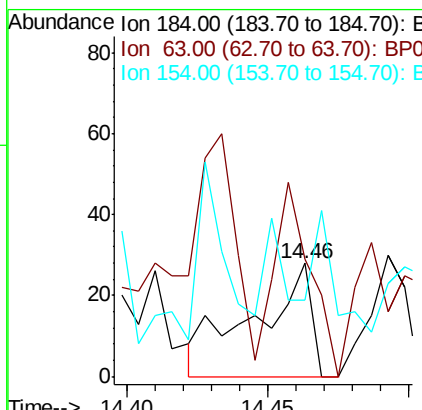
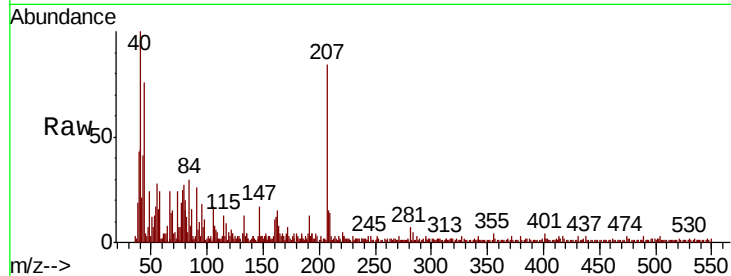




#54
2,4-Dinitrophenol
Concen: 11.384 ng
RT: 14.46 min Scan# 1968
Delta R.T. 0.12 min
Lab File: BP002771.D
Acq: 16 Jul 2020 14:26

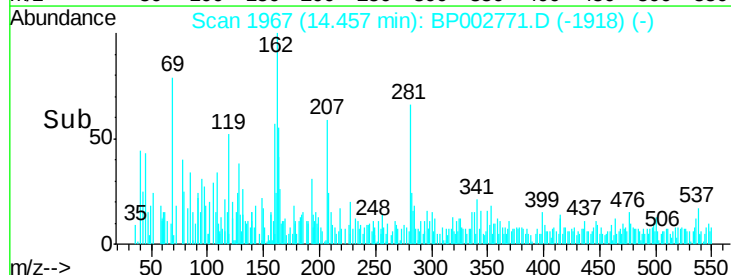
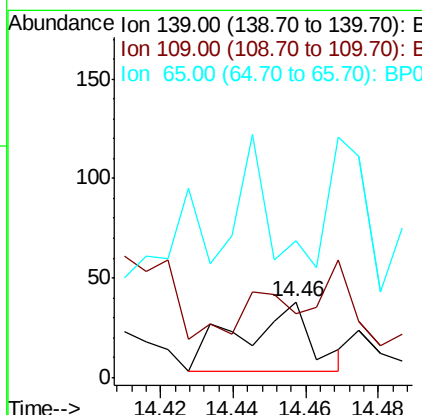
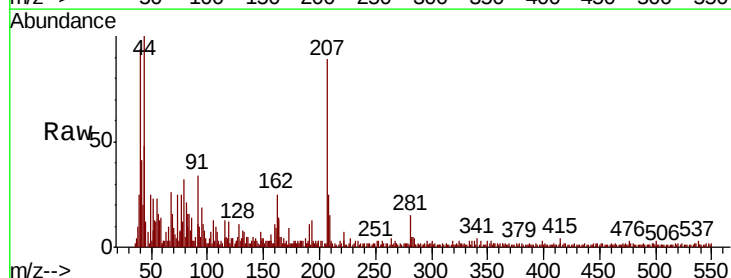
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BNA_P
ClientSampleId :
PB130239BL

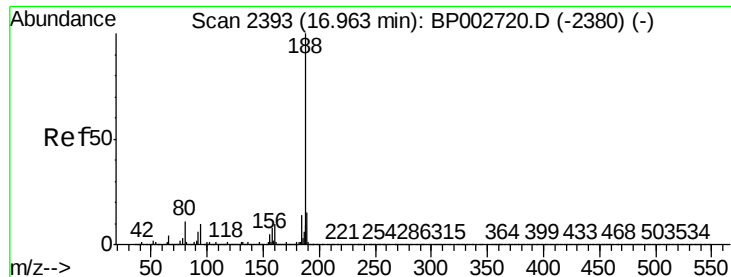
Tot Ion:184 Resp: 39
Ion Ratio Lower Upper
184 100
63 59.2 51.6 77.4
154 67.3 45.0 67.6



#56
4-Nitrophenol
Concen: 4.980 ng
RT: 14.46 min Scan# 1967
Delta R.T. -0.01 min
Lab File: BP002771.D
Acq: 16 Jul 2020 14:26

Tgt Ion:139 Resp: 47
Ion Ratio Lower Upper
139 100
109 84.2 48.1 88.1
65 181.6 77.9 117.9#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.97 min Scan# 2394

Delta R.T. 0.00 min

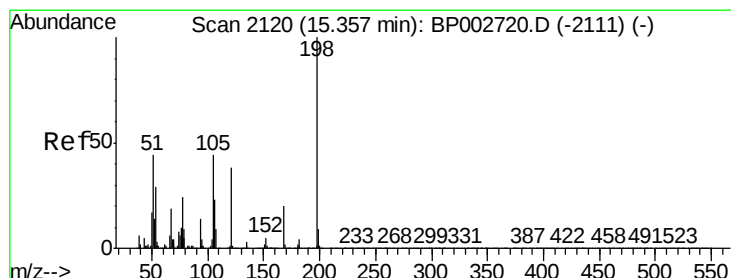
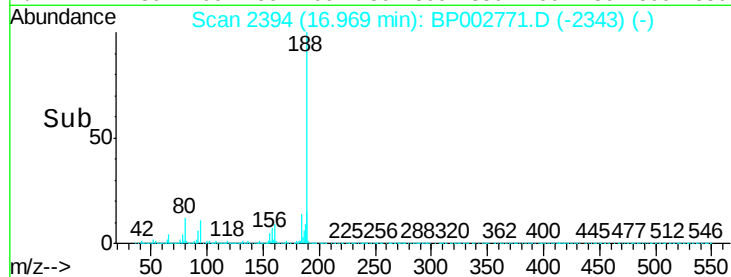
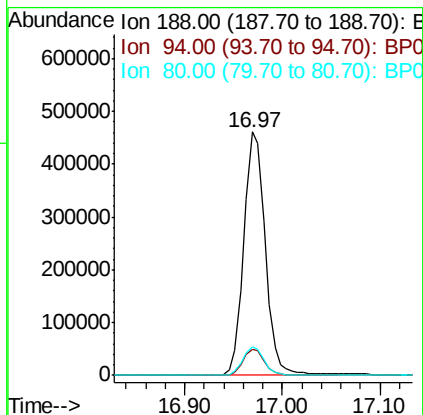
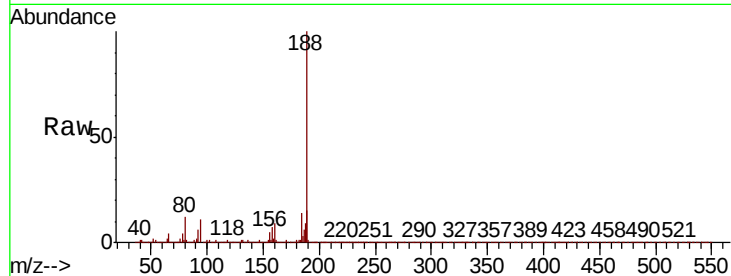
Lab File: BP002771.D

Acq: 16 Jul 2020 14:26

Instrument :
BNA_P
ClientSampleId :
PB130239BL

Tot Ion:188 Resp: 705141

Ion	Ratio	Lower	Upper
188	100		
94	10.6	8.1	12.1
80	12.0	8.9	13.3



#65

4,6-Dinitro-2-methylphenol

Concen: 5.270 ng

RT: 15.35 min Scan# 2119

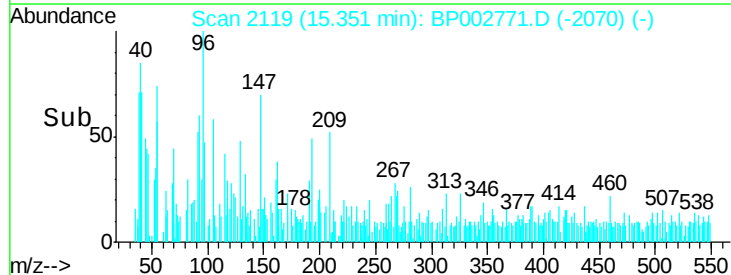
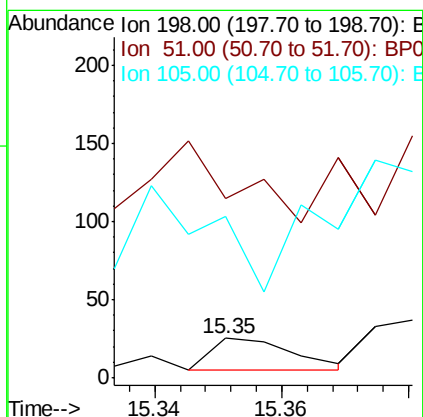
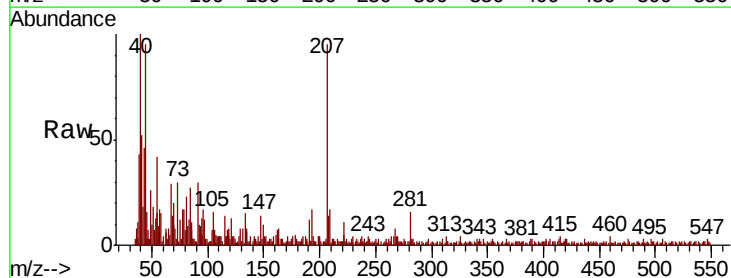
Delta R.T. -0.01 min

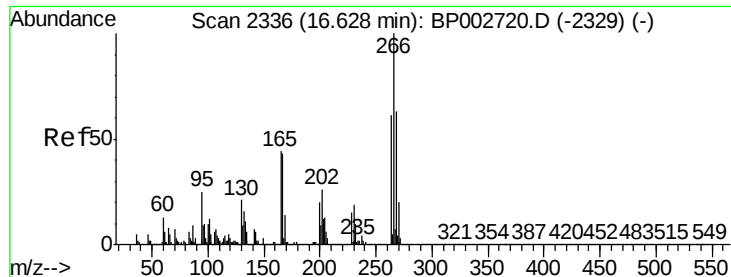
Lab File: BP002771.D

Acq: 16 Jul 2020 14:26

Tgt Ion:198 Resp: 18

Ion	Ratio	Lower	Upper
198	100		
51	460.0	27.1	67.1#
105	412.0	24.9	64.9#

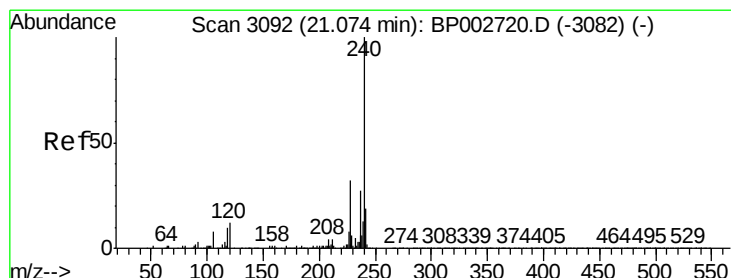
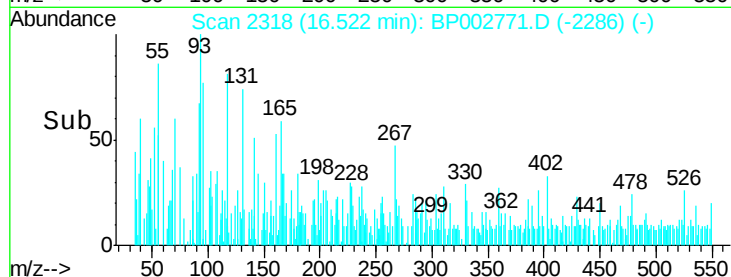
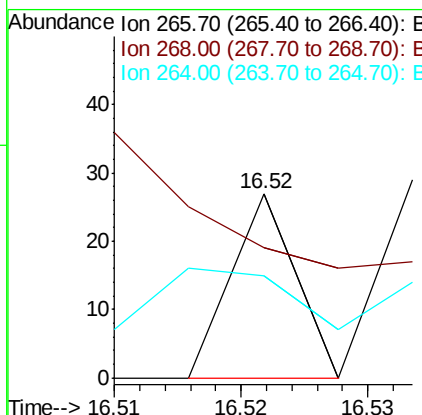
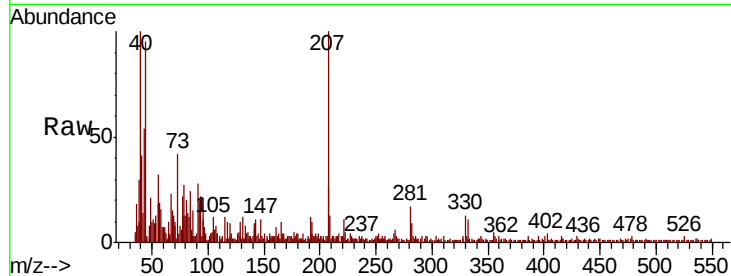




#70
 Pentachlorophenol
 Concen: 7.444 ng
 RT: 16.52 min Scan# 2318
 Delta R.T. -0.11 min
 Lab File: BP002771.D
 Acq: 16 Jul 2020 14:26

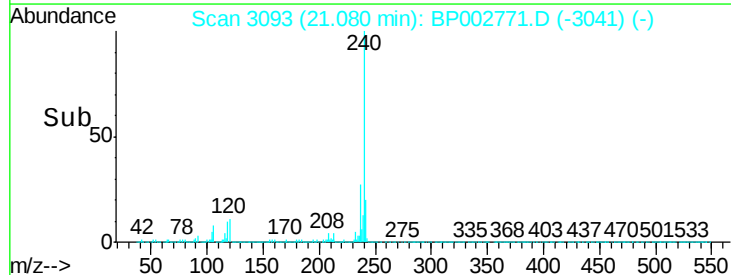
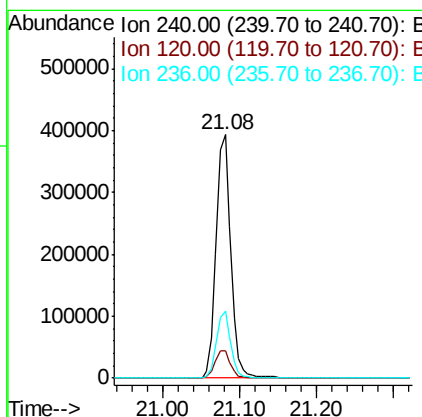
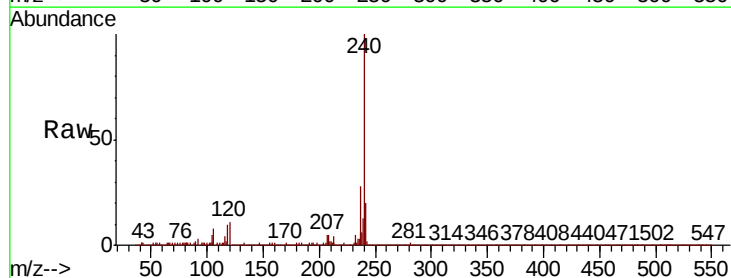
Instrument :
 BNA_P
 ClientSampleID :
 PB130239BL

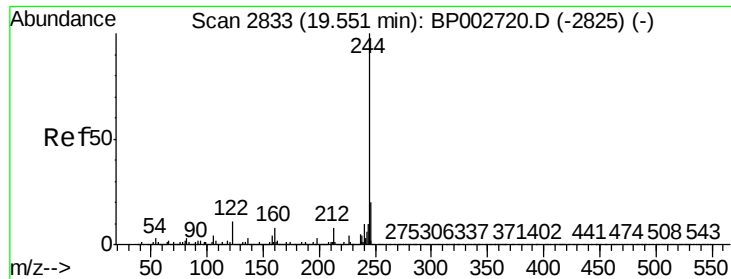
Tot Ion	Ratio	Lower	Upper
266	100		
268	70.4	50.6	75.8
264	55.6	48.6	72.8



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.08 min Scan# 3093
 Delta R.T. 0.01 min
 Lab File: BP002771.D
 Acq: 16 Jul 2020 14:26

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.4	9.4	14.2
236	27.5	21.3	31.9





#79

Terphenyl-d14

Concen: 77.704 ng

RT: 19.56 min Scan# 2834

Delta R.T. 0.00 min

Lab File: BP002771.D

Acq: 16 Jul 2020 14:26

Instrument :

BNA_P

ClientSampleId :

PB130239BL

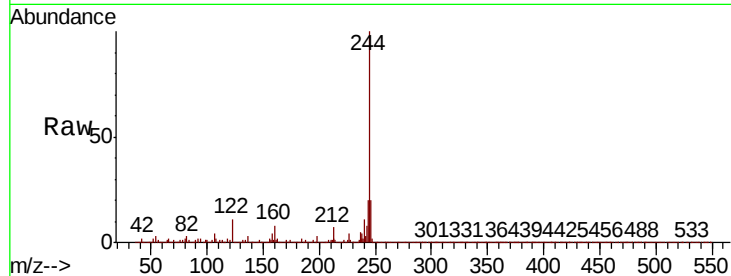
Tot Ion:244 Resp: 1744361

Ion Ratio Lower Upper

244 100

212 7.5 6.0 9.0

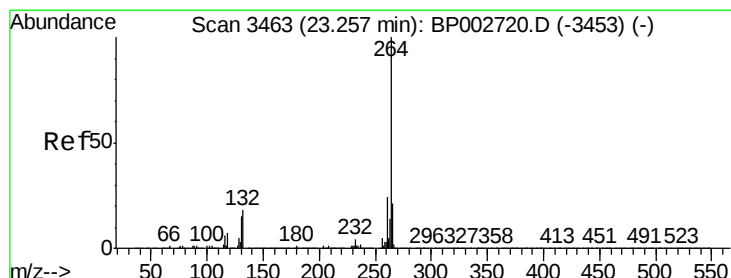
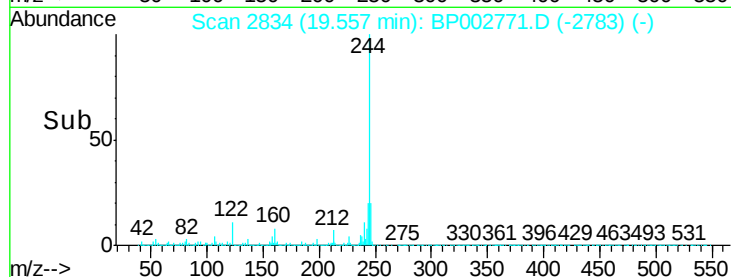
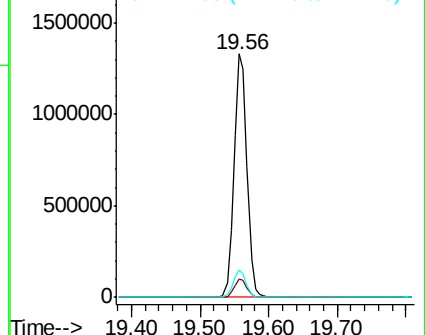
122 11.4 8.9 13.3



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: 23.27 min Scan# 3465

Delta R.T. 0.01 min

Lab File: BP002771.D

Acq: 16 Jul 2020 14:26

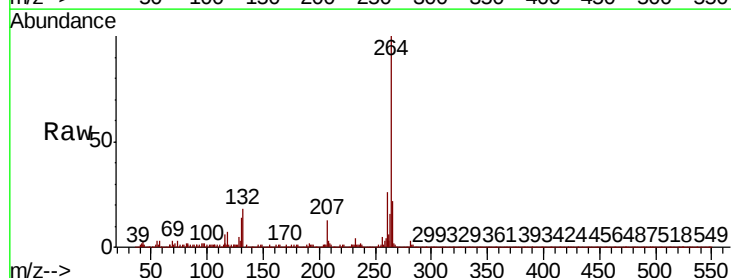
Tgt Ion:264 Resp: 470907

Ion Ratio Lower Upper

264 100

260 26.0 19.3 28.9

265 22.2 16.8 25.2



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

