

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 :

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

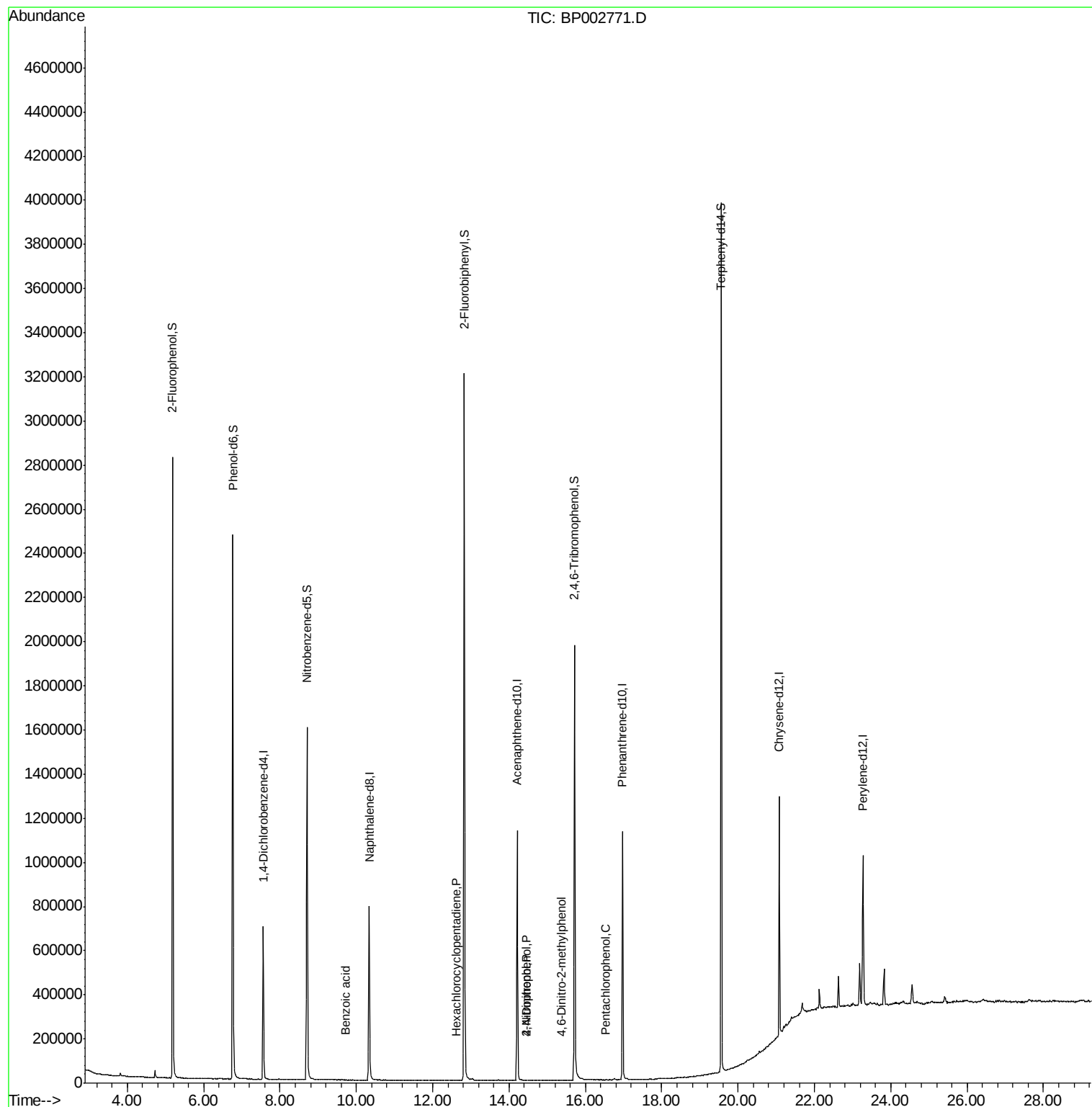
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	182648	20.00	ng	0.00
21) Naphthalene-d8	10.33	136	696602	20.00	ng	0.00
39) Acenaphthene-d10	14.21	164	384450	20.00	ng	0.00
64) Phenanthrene-d10	16.97	188	705141	20.00	ng	0.00
76) Chrysene-d12	21.08	240	514688	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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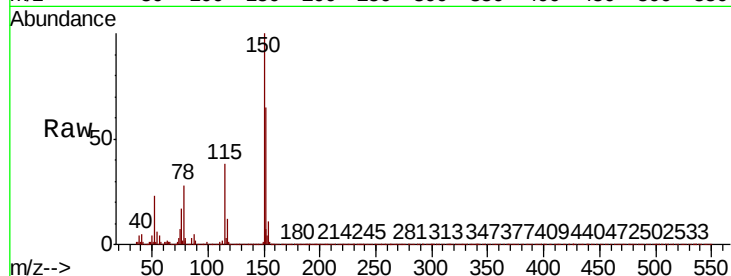


#1

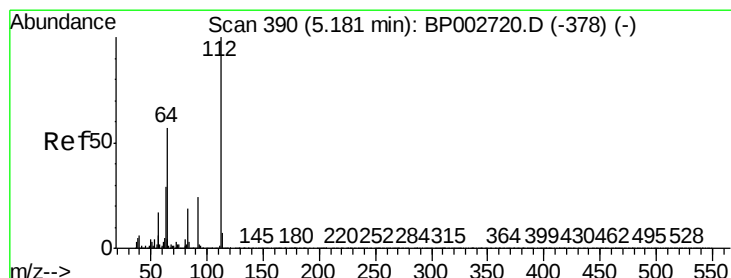
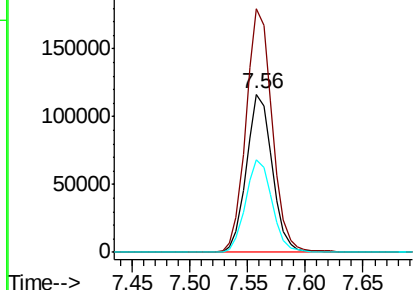
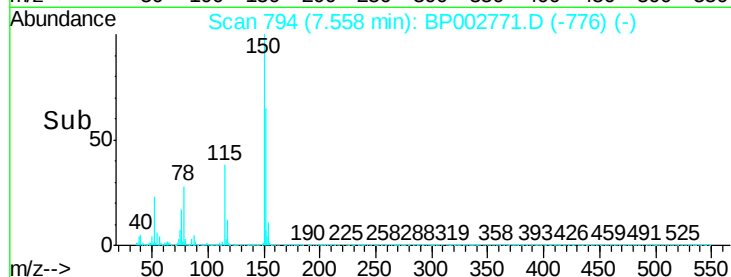
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.56 min Scan# 794
Delta R.T. 0.01 min
Lab File: BP002771.D
Acq: 16 Jul 2020 14:26

Instrument :
BNA_P
ClientSampleId :

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



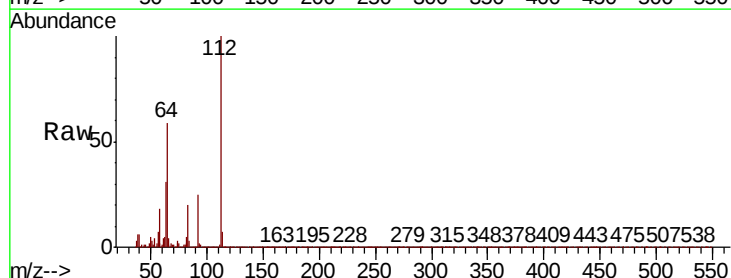
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



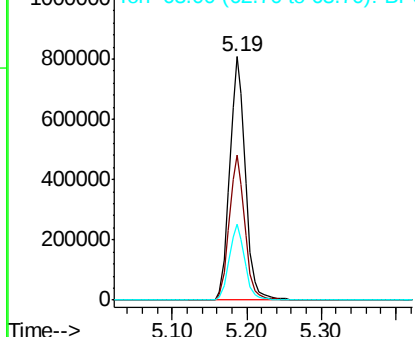
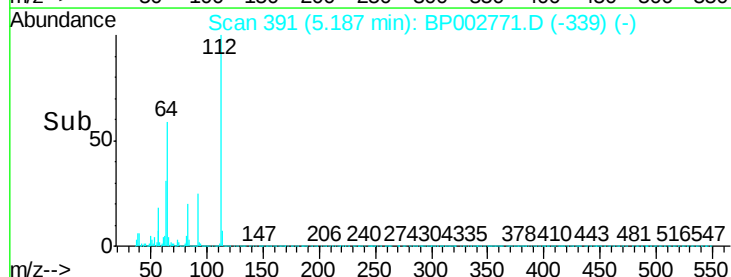
#5

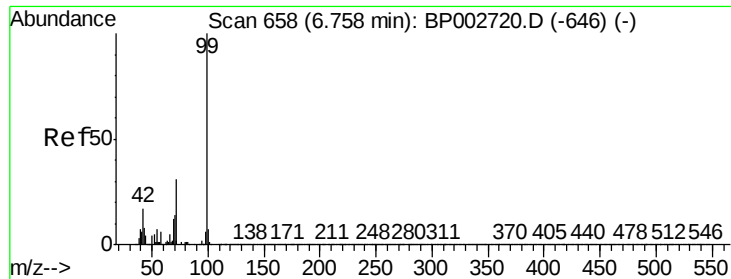
2-Fluorophenol
Concen: 109.868 ng
RT: 5.19 min Scan# 391
Delta R.T. 0.01 min
Lab File: BP002771.D
Acq: 16 Jul 2020 14:26

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

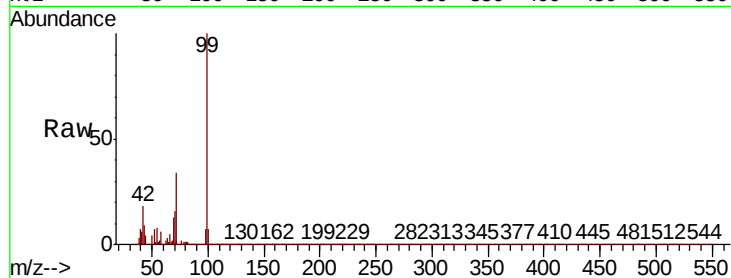
Instrument :

BNA_P

ClientSampleId :

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

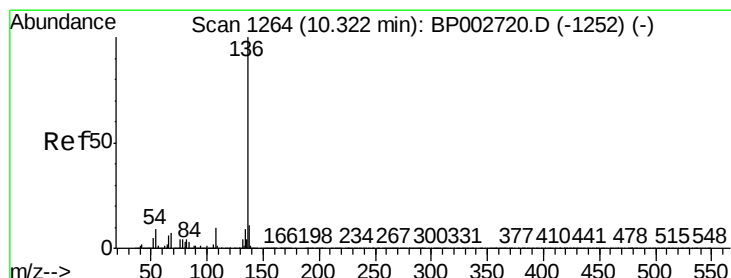
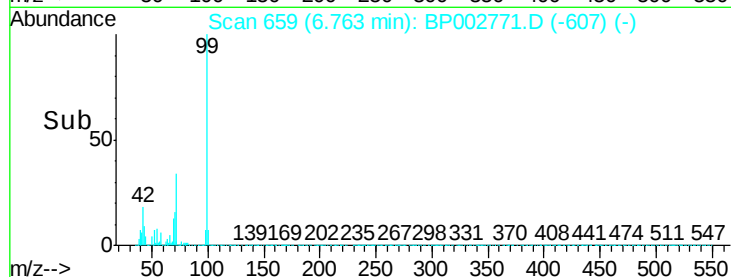
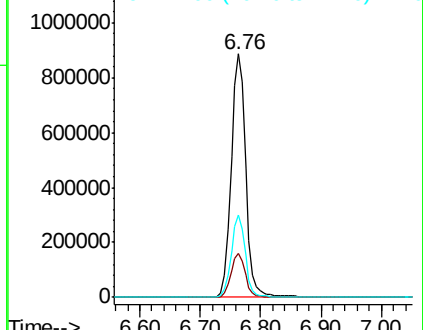


Abundance

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: 10.33 min Scan# 1266

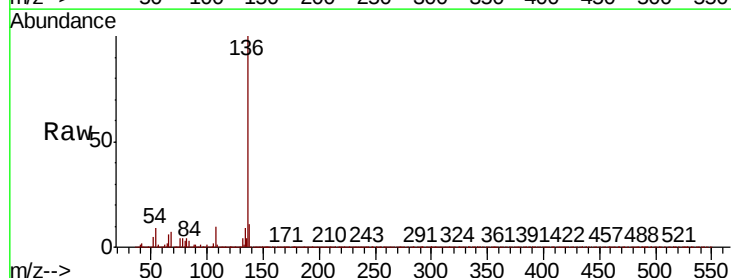
Delta R.T. 0.01 min

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



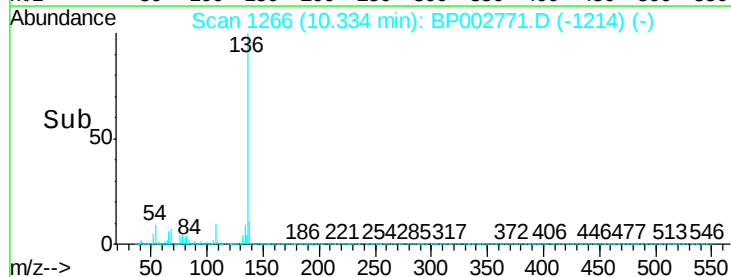
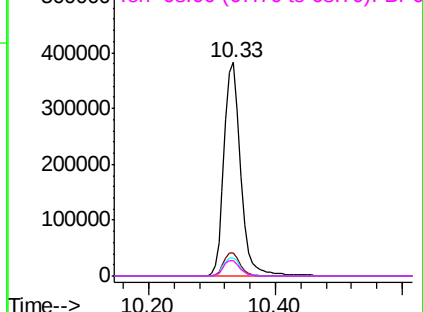
Abundance

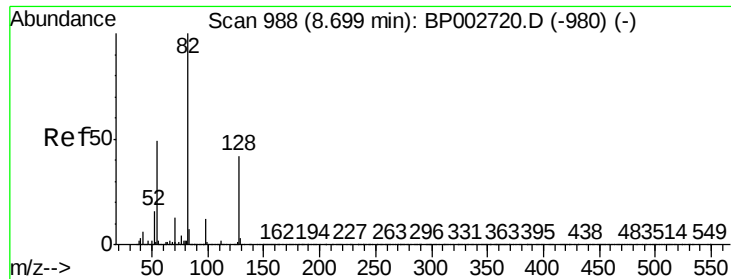
Ion 136.00 (135.70 to 136.70): E

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

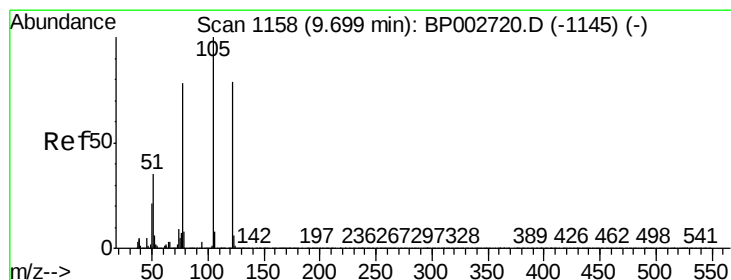
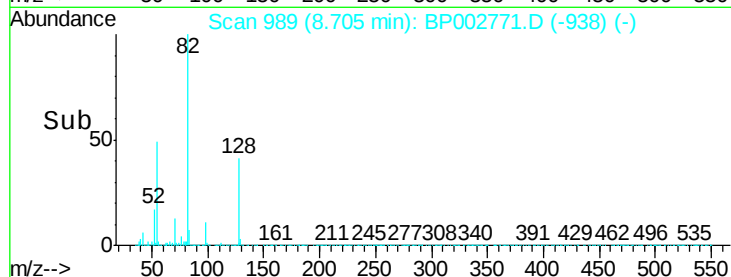
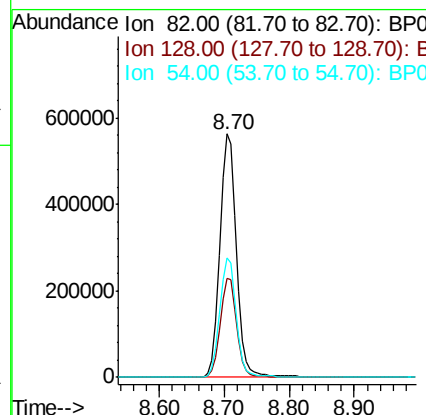
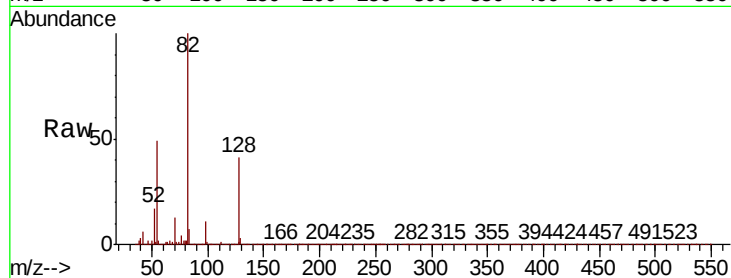




#23
Nitrobenzene-d5
Concen: 76.598 ng
RT: 8.70 min Scan# 989
Delta R.T. 0.00 min
Lab File: BP002771.D
Acq: 16 Jul 2020 14:26

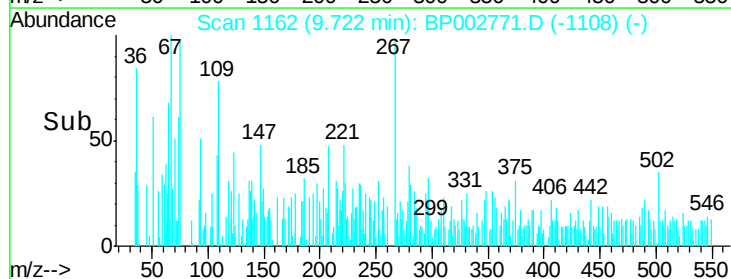
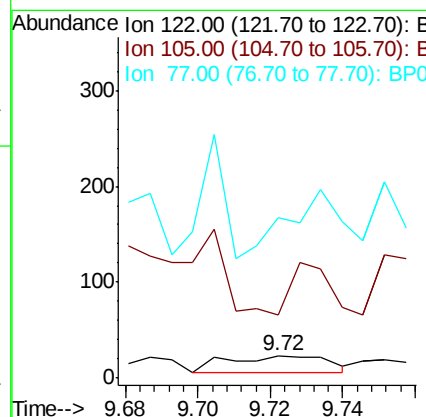
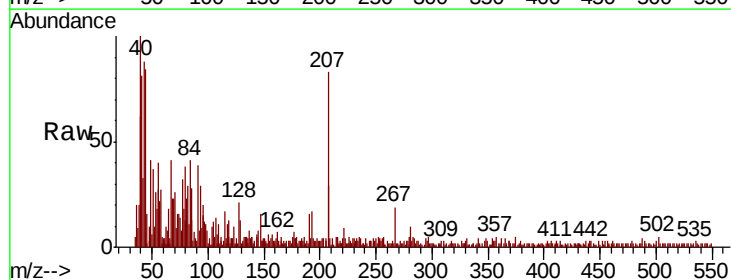
Instrument :
BNA_P
ClientSampleId :

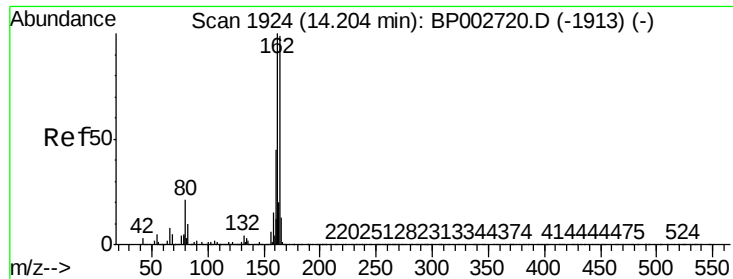
Tot Ion: 82 Resp: 997664
Ion Ratio Lower Upper
82 100
128 40.9 33.8 50.8
54 49.1 38.8 58.2



#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 Lower Upper
122 100
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 :

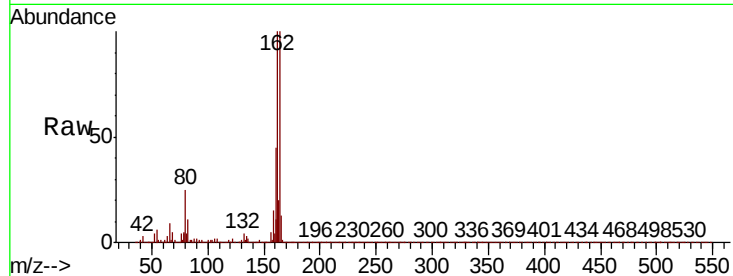
Tot Ion:164 Resp: 384450

Ion Ratio Lower Upper

164 100

162 100.2 80.6 121.0

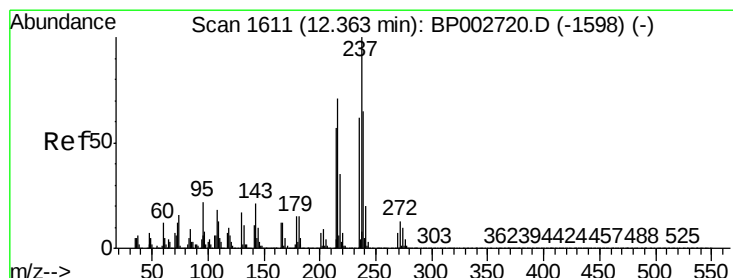
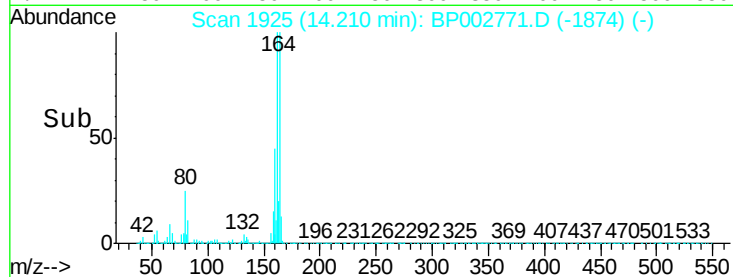
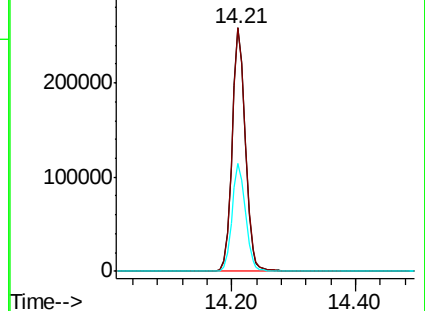
160 44.6 36.4 54.6



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

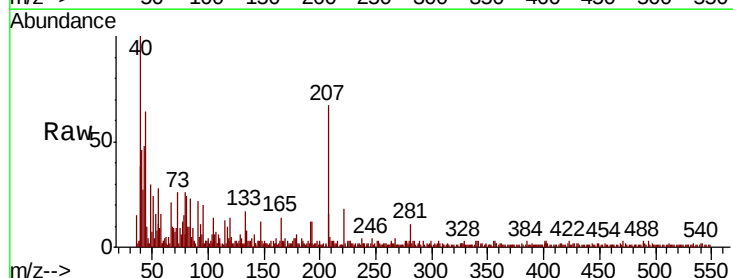
Tgt Ion:237 Resp: 20

Ion Ratio Lower Upper

237 100

235 51.9 42.3 82.3

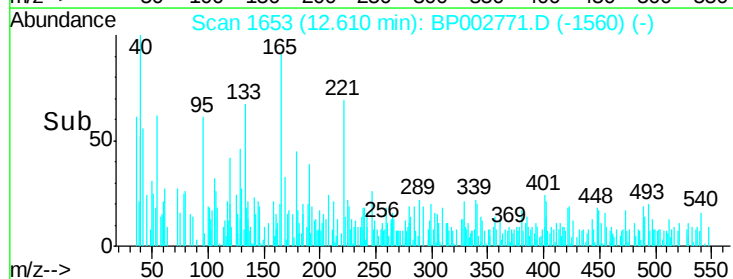
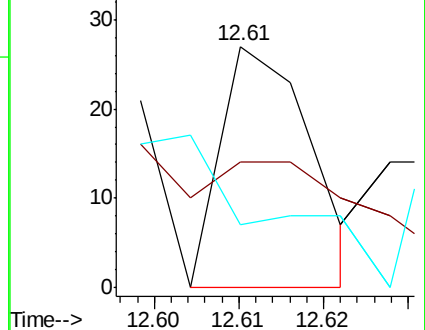
272 25.9 0.0 32.5

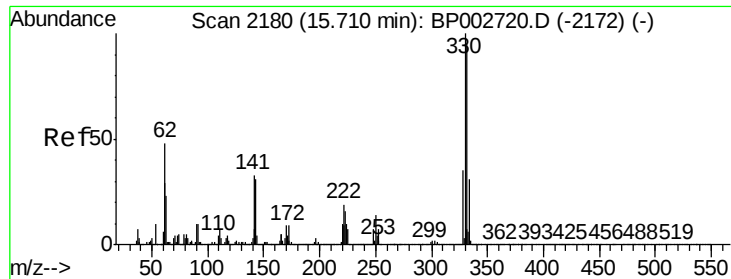


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

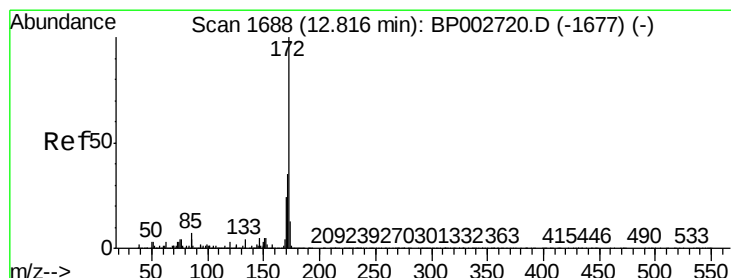
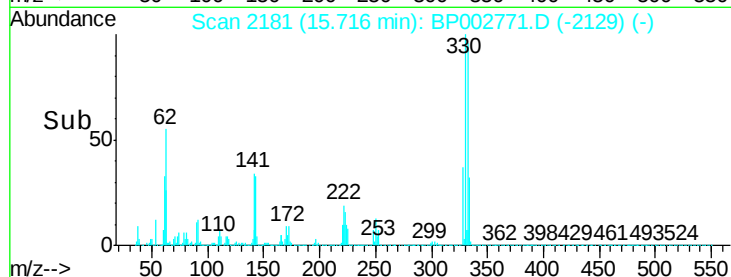
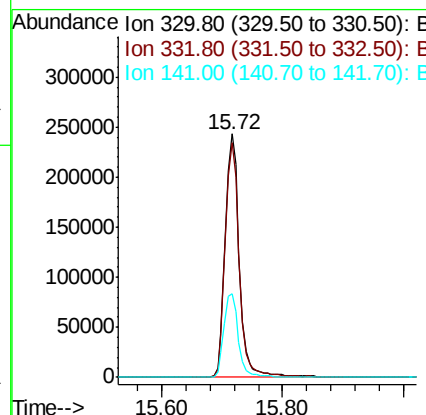
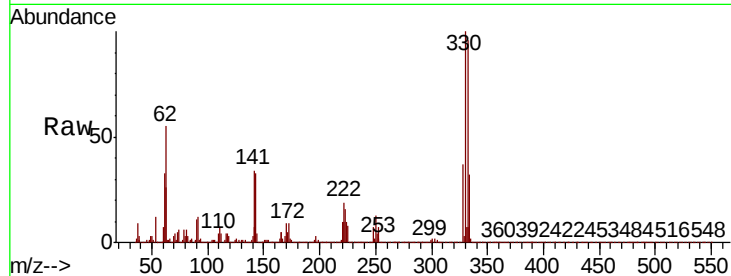




#42
2,4,6-Tribromophenol
Concen: 98.591 ng
RT: 15.72 min Scan# 2181
Delta R.T. 0.01 min
Lab File: BP002771.D
Acq: 16 Jul 2020 14:26

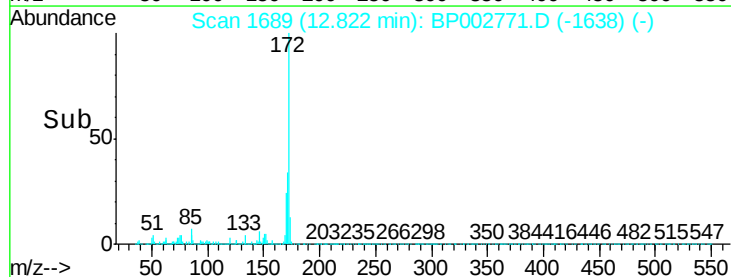
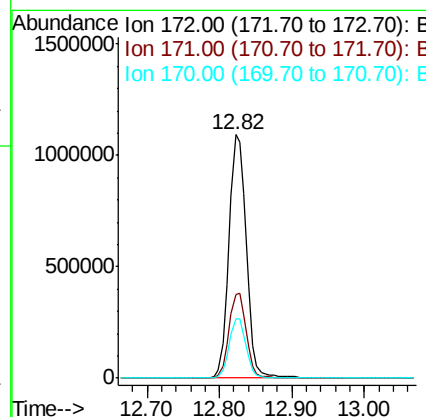
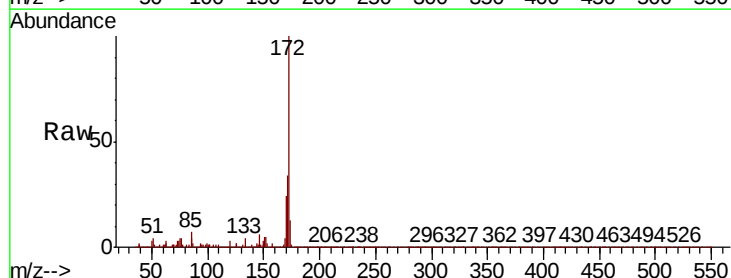
Instrument :
BNA_P
ClientSampleId :

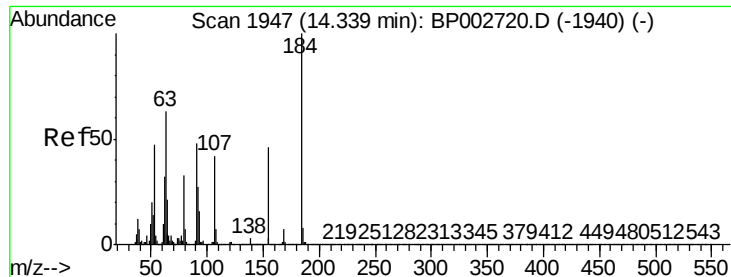
Tot Ion:330 Resp: 395649
Ion Ratio Lower Upper
330 100
332 95.7 76.5 114.7
141 35.5 28.8 43.2



#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

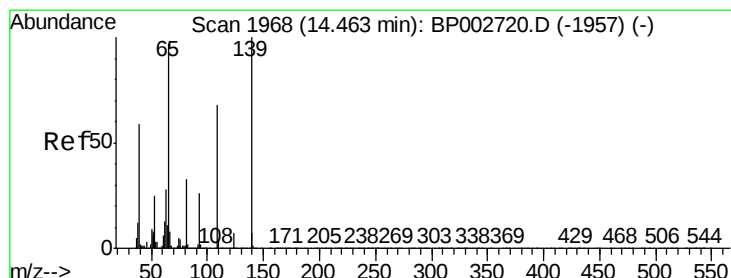
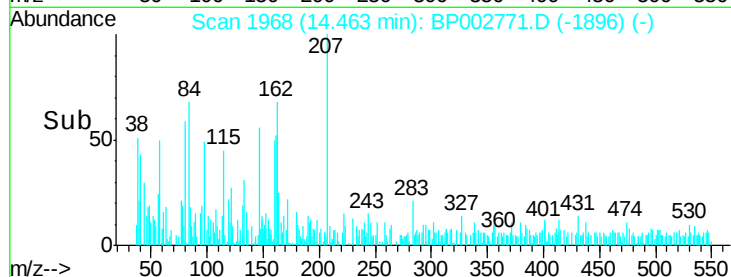
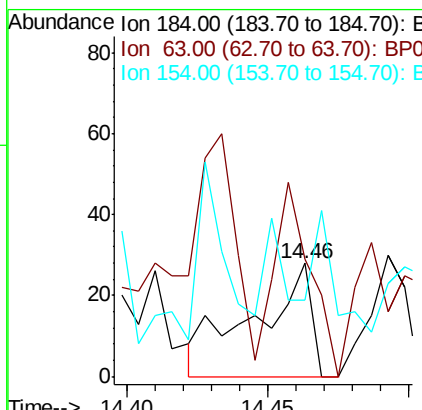
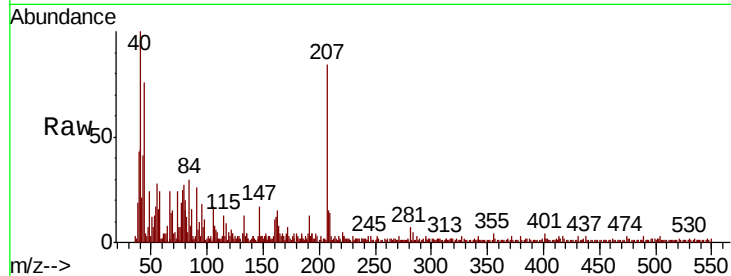




#54
2,4-Dinitrophenol
Concen: 11.384 ng
RT: 14.46 min Scan# 1968
Delta R.T. 0.12 min
Lab File: BP002771.D
Acq: 16 Jul 2020 14:26

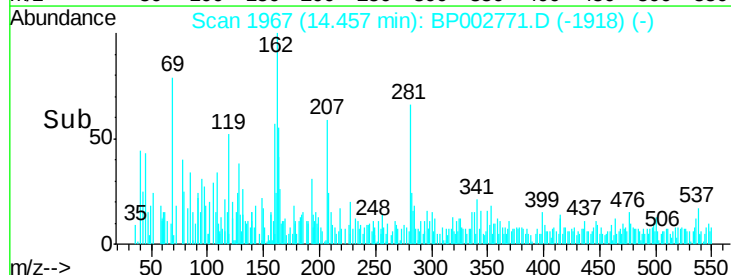
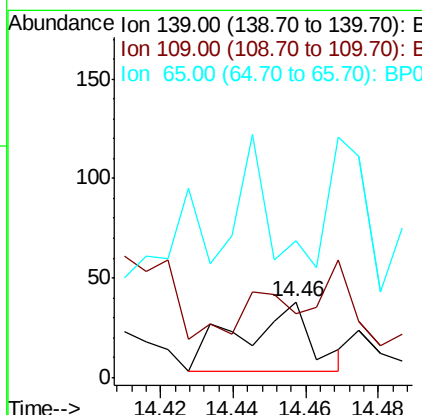
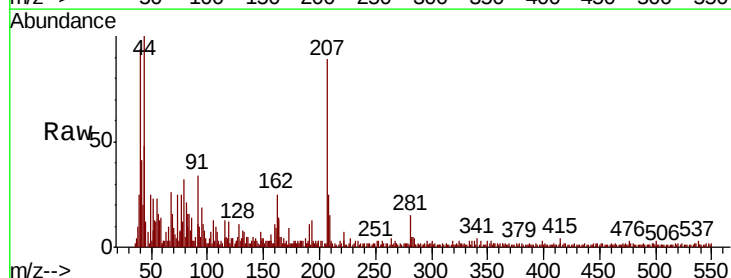
Instrument :
BNA_P
ClientSampled :

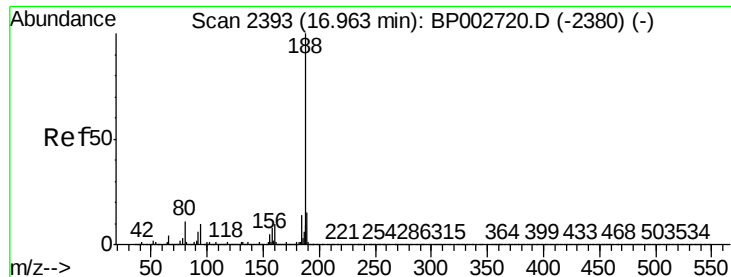
Tot Ion:184 Resp: 39
Ion Ratio Lower Upper
184 100
63 59.2 51.6 77.4
154 67.3 45.0 67.6



#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#

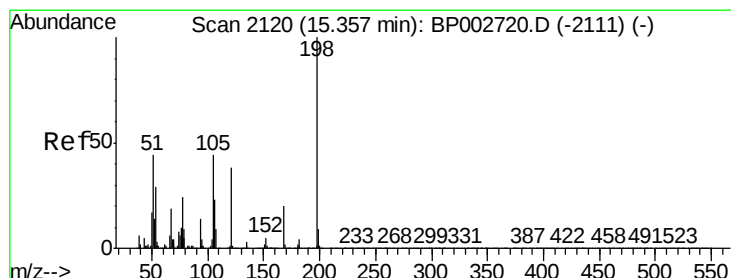
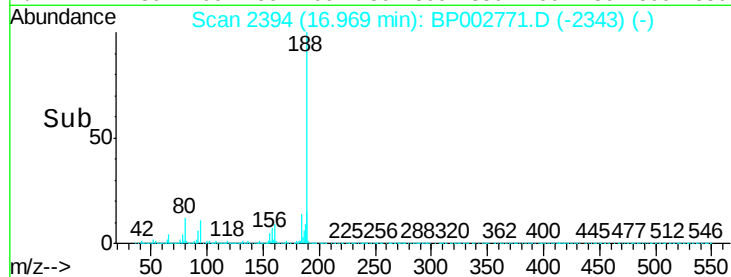
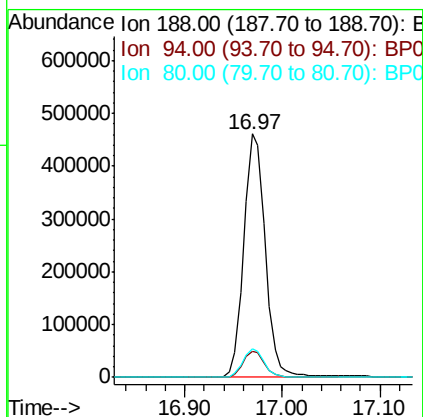
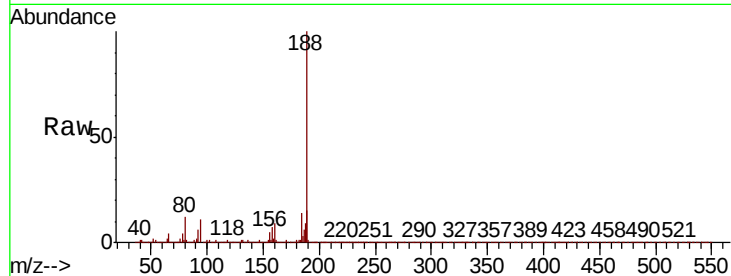




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.97 min Scan# 2394
Delta R.T. 0.00 min
Lab File: BP002771.D
Acq: 16 Jul 2020 14:26

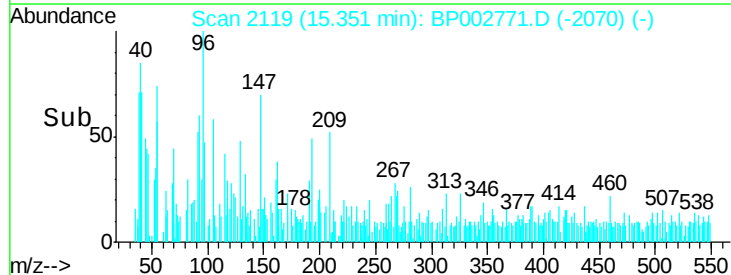
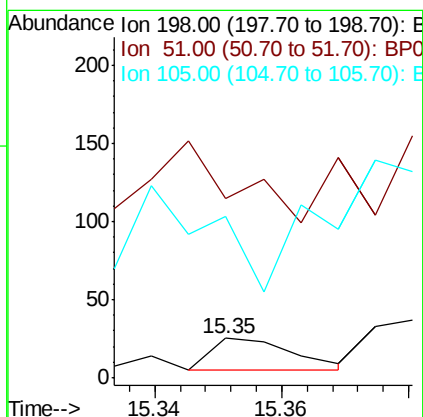
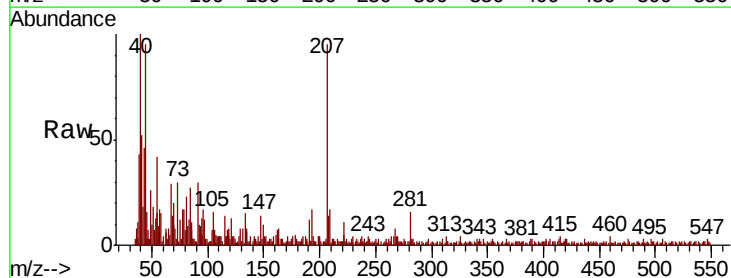
Instrument :
BNA_P
ClientSampleId :

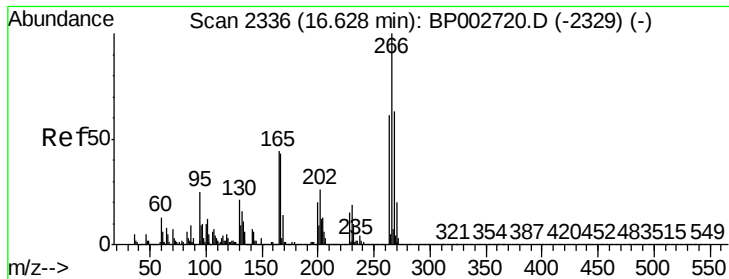
Tot Ion:188 Resp: 705141
Ion Ratio Lower Upper
188 100
94 10.6 8.1 12.1
80 12.0 8.9 13.3



#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 :

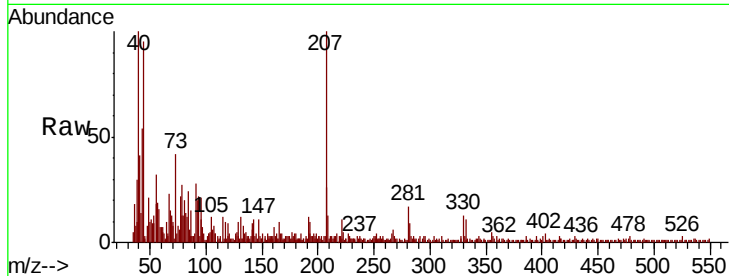
Tot Ion:266 Resp: 10

Ion Ratio Lower Upper

266 100

268 70.4 50.6 75.8

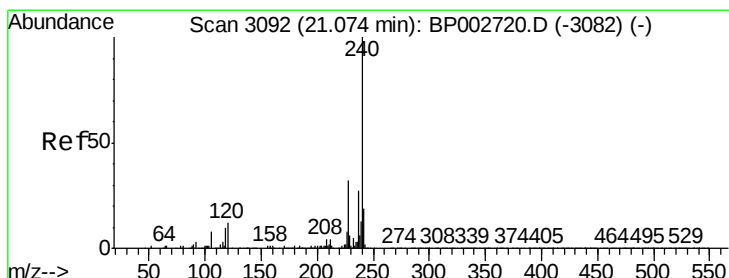
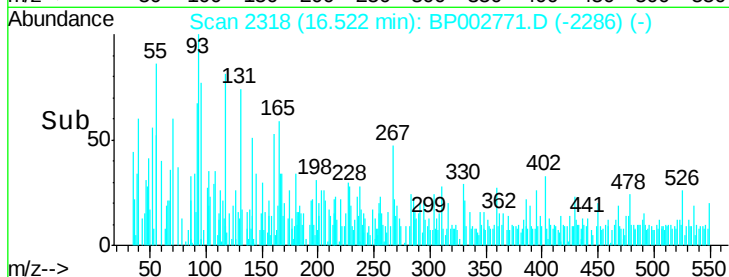
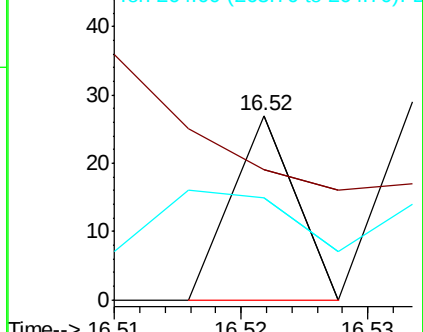
264 55.6 48.6 72.8



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#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

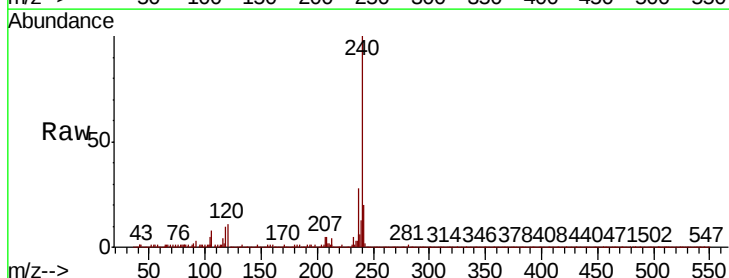
Tgt Ion:240 Resp: 514688

Ion Ratio Lower Upper

240 100

120 11.4 9.4 14.2

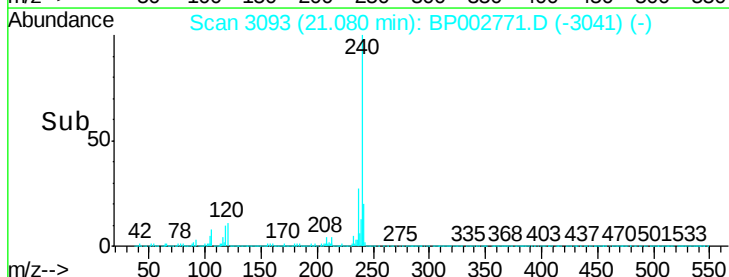
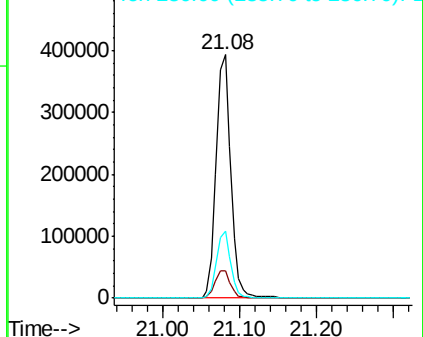
236 27.5 21.3 31.9

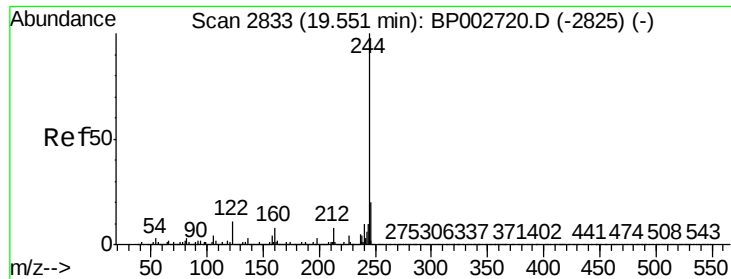


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

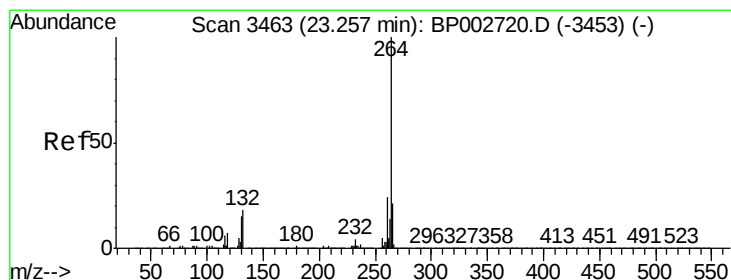
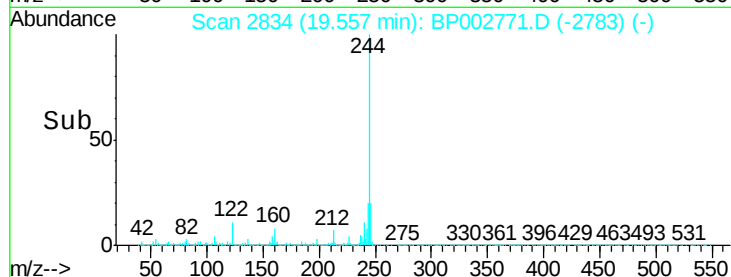
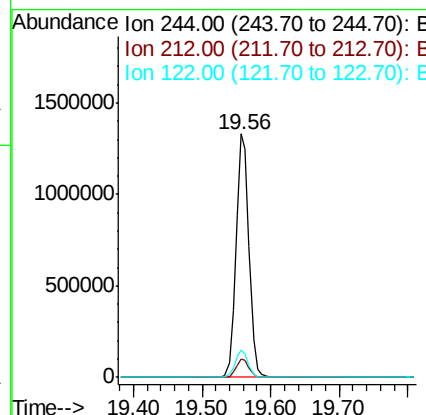
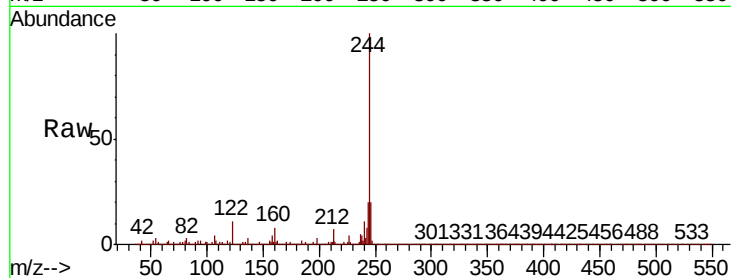




#79
 Terphenyl-d14
 Concen: 77.704 ng
 RT: 19.56 min Scan# 2834
 Delta R.T. 0.00 min
 Lab File: BP002771.D
 Acq: 16 Jul 2020 14:26

Instrument :
 BNA_P
 ClientSampleId :

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



#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

