

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP071520\
 Data File : BP002751.D
 Acq On : 15 Jul 2020 13:13
 Operator : CG/JU
 Sample : PB130217BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB130217BL

Quant Time: Jul 15 13:52:31 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

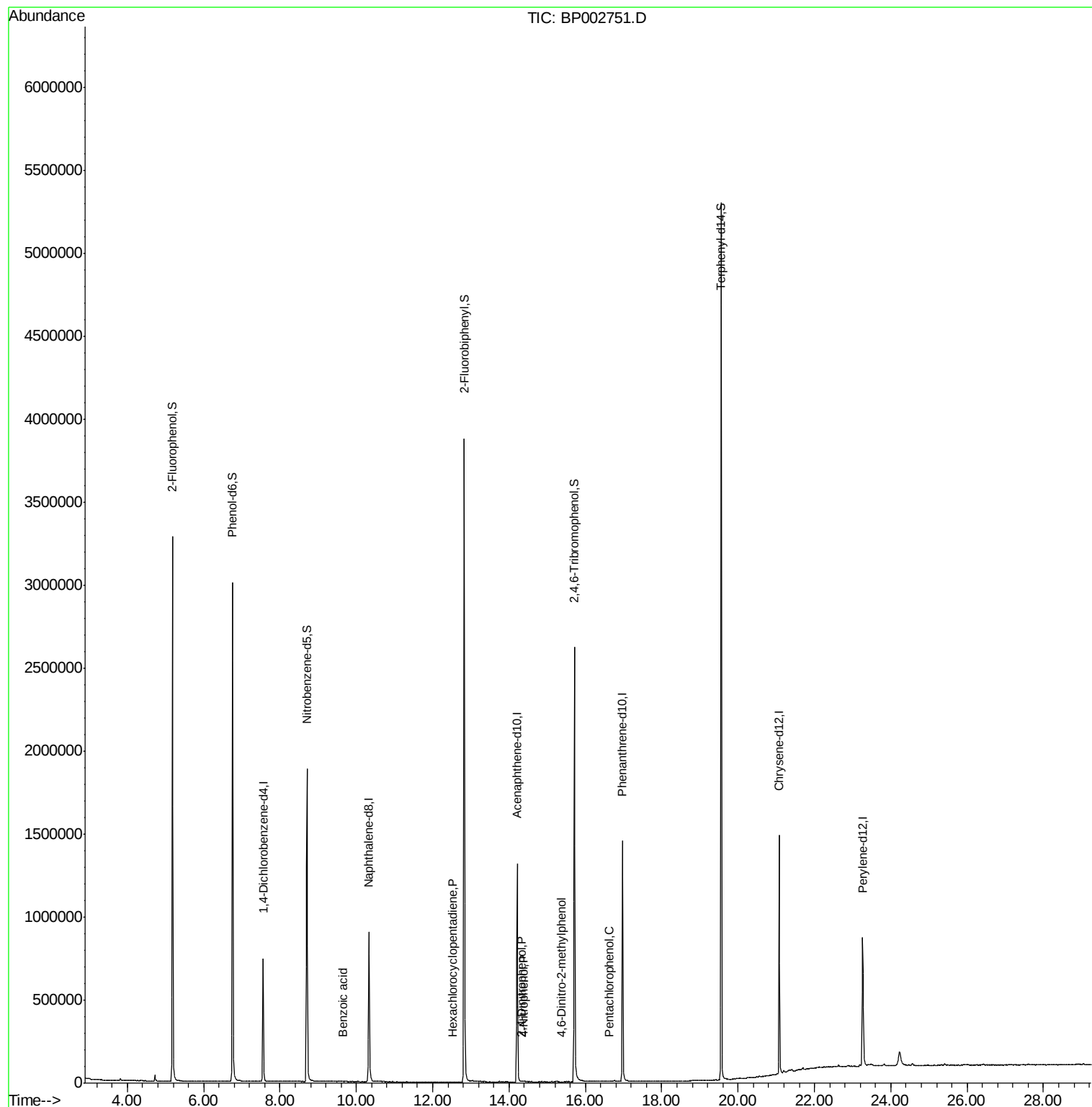
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	198817	20.00	ng	0.00
21) Naphthalene-d8	10.33	136	789441	20.00	ng	0.00
39) Acenaphthene-d10	14.21	164	453327	20.00	ng	0.00
64) Phenanthrene-d10	16.97	188	913924	20.00	ng	0.00
76) Chrysene-d12	21.07	240	665351	20.00	ng	0.00
86) Perylene-d12	23.26	264	553392	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.18	112	1426287	121.04	ng	0.00
7) Phenol-d6	6.76	99	1816655	108.02	ng	0.00
23) Nitrobenzene-d5	8.70	82	1150713	77.96	ng	0.00
42) 2,4,6-Tribromophenol	15.71	330	481650	101.79	ng	0.00
45) 2-Fluorobiphenyl	12.82	172	2205716	75.27	ng	0.00
79) Terphenyl-d14	19.56	244	2327508	80.20	ng	0.00
Target Compounds						
32) Benzoic acid	9.65	122	25	7.065	ng	91
41) Hexachlorocyclopentadiene	12.52	237	17	7.437	ng	76
54) 2,4-Dinitrophenol	14.33	184	10	11.376	ng	# 24
56) 4-Nitrophenol	14.39	139	15	4.974	ng	93
65) 4,6-Dinitro-2-methylphenol	15.37	198	23	5.270	ng	# 1
70) Pentachlorophenol	16.63	266	5	7.442	ng	# 78

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

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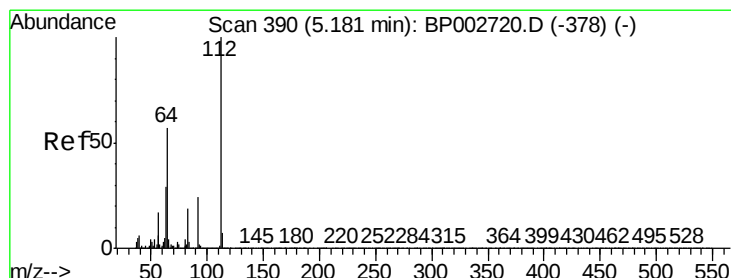
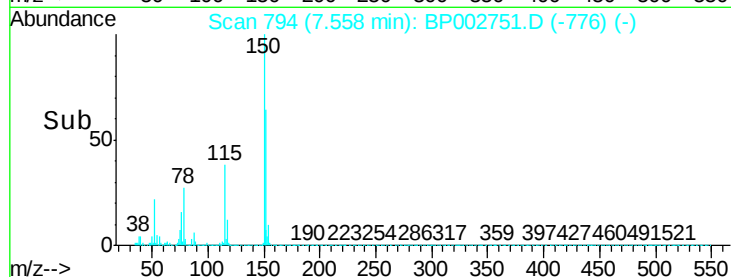
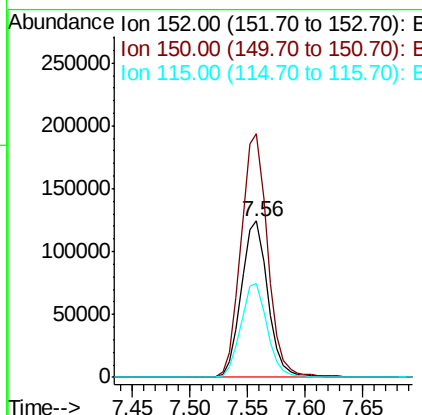
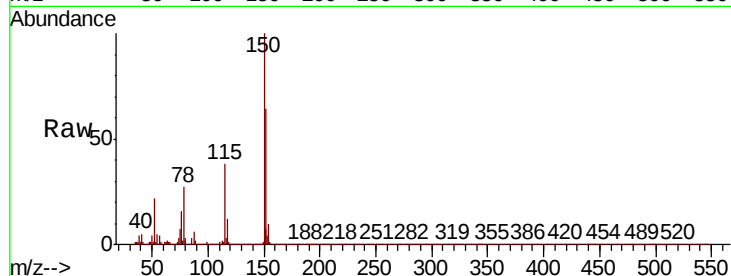


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.56 min Scan# 794
Delta R.T. 0.01 min
Lab File: BP002751.D
Acq: 15 Jul 2020 13:13

Instrument :
BNA_P
ClientSampleId :
PB130217BL

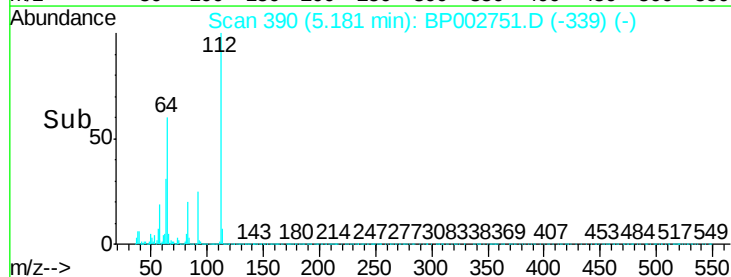
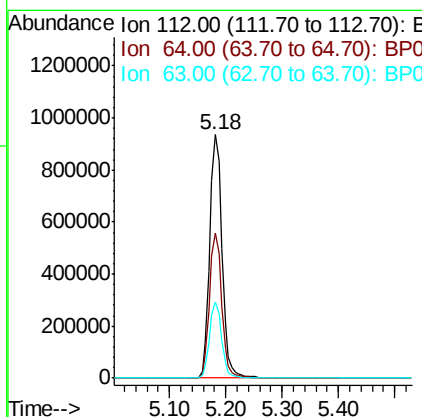
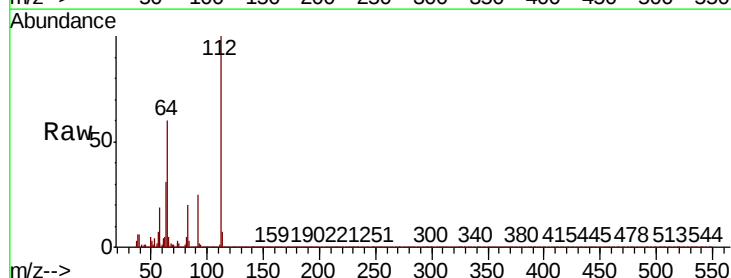
Tot Ion	Ratio	Lower	Upper
152	100		
150	155.5	123.7	185.5
115	59.9	47.2	70.8

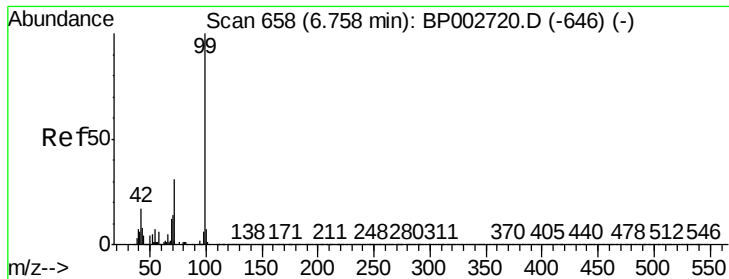


#5

2-Fluorophenol
Concen: 121.037 ng
RT: 5.18 min Scan# 390
Delta R.T. 0.00 min
Lab File: BP002751.D
Acq: 15 Jul 2020 13:13

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.7	45.6	68.4
63	31.1	23.5	35.3





#7

Phenol-d6

Concen: 108.021 ng

RT: 6.76 min Scan# 658

Delta R.T. 0.00 min

Lab File: BP002751.D

Acq: 15 Jul 2020 13:13

Instrument :

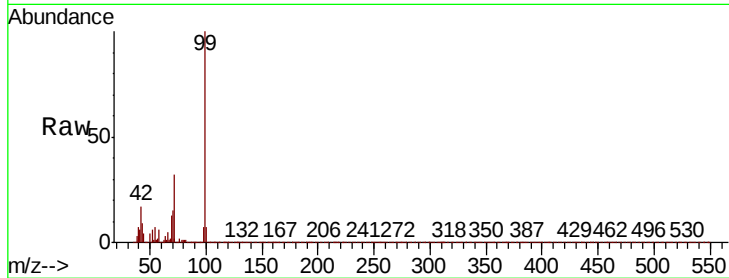
BNA_P

ClientSampleId :

PB130217BL

Tot Ion: 99 Resp: 1816655

Ion	Ratio	Lower	Upper
99	100		
42	17.3	13.4	20.2
71	32.1	24.6	36.8

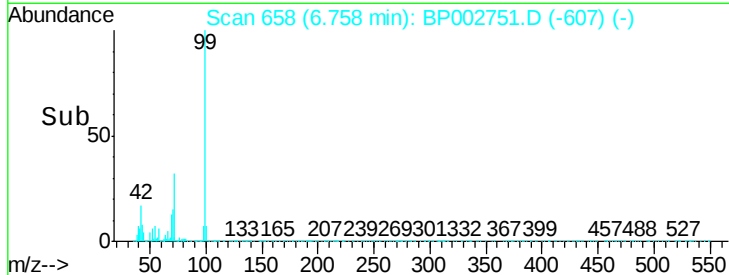


Abundance

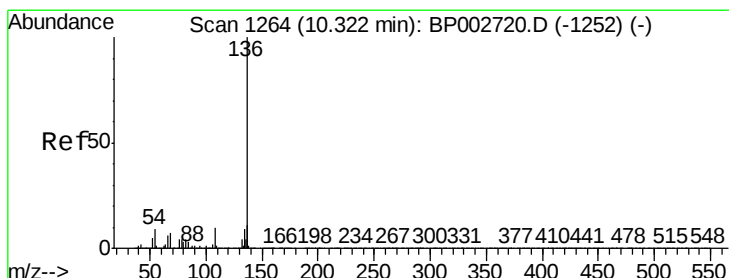
Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0



Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.33 min Scan# 1265

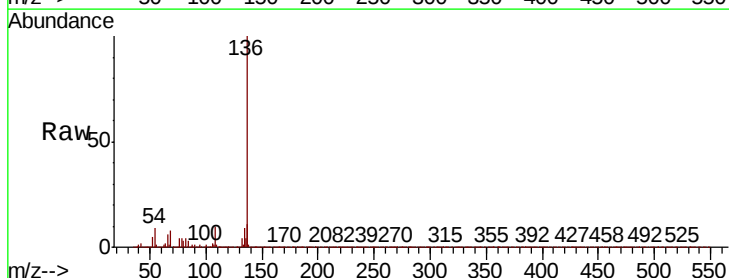
Delta R.T. 0.00 min

Lab File: BP002751.D

Acq: 15 Jul 2020 13:13

Tgt Ion: 136 Resp: 789441

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.6	13.0
54	9.2	6.9	10.3
68	7.9	5.7	8.5



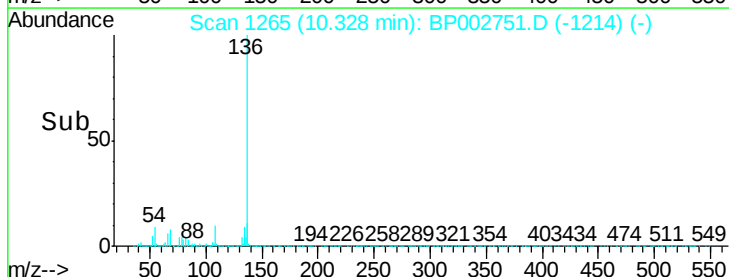
Abundance

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



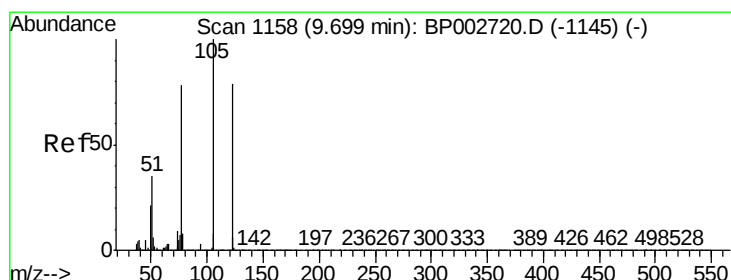
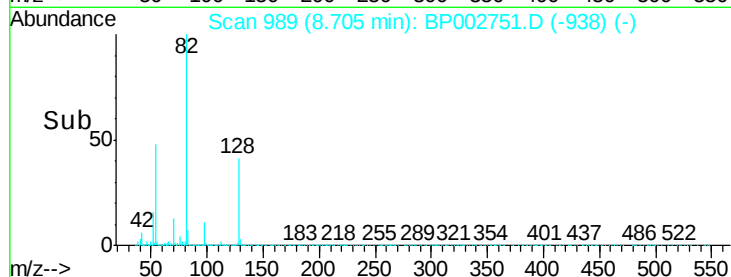
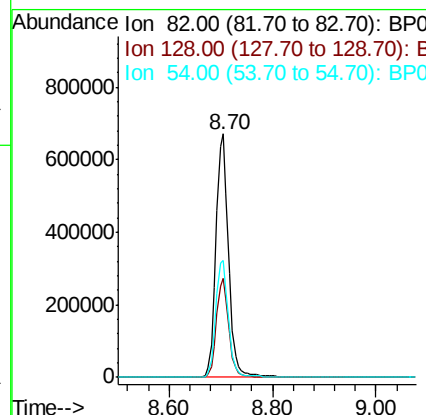
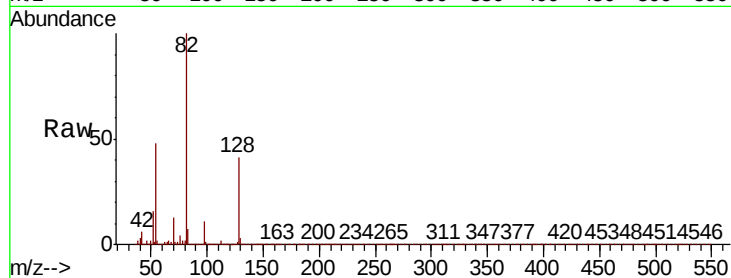
Time-->



#23
 Nitrobenzene-d5
 Concen: 77.959 ng
 RT: 8.70 min Scan# 989
 Delta R.T. 0.00 min
 Lab File: BP002751.D
 Acq: 15 Jul 2020 13:13

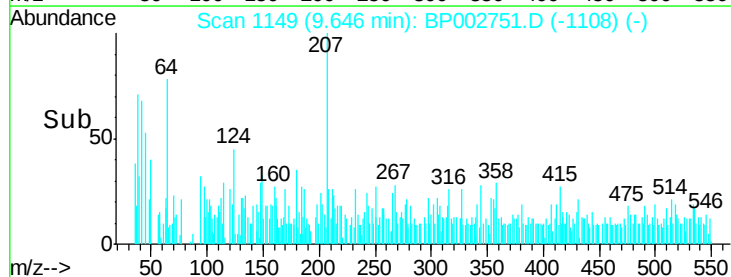
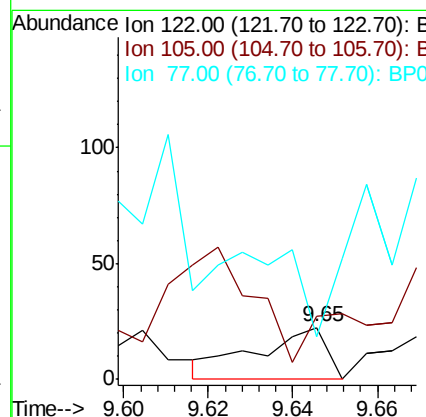
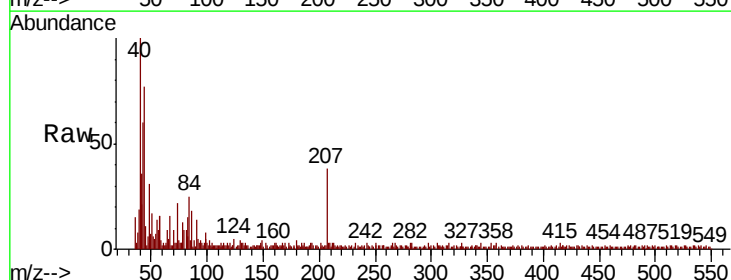
Instrument :
 BNA_P
 ClientSampleId :
 PB130217BL

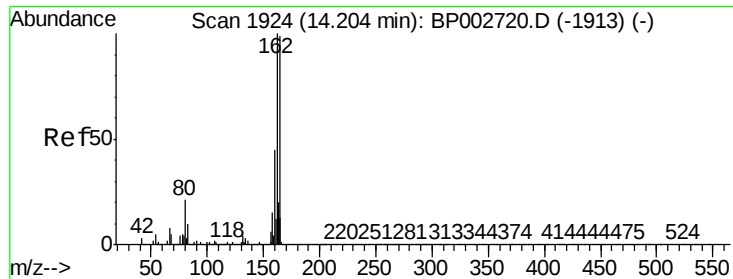
Tot Ion: 82 Resp: 1150713
 Ion Ratio Lower Upper
 82 100
 128 40.6 33.8 50.8
 54 48.2 38.8 58.2



#32
 Benzoic acid
 Concen: 7.065 ng
 RT: 9.65 min Scan# 1149
 Delta R.T. -0.06 min
 Lab File: BP002751.D
 Acq: 15 Jul 2020 13:13

Tgt Ion: 122 Resp: 25
 Ion Ratio Lower Upper
 122 100
 105 122.7 105.4 145.4
 77 81.8 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: BP002751.D

Acq: 15 Jul 2020 13:13

Instrument :

BNA_P

ClientSampleId :

PB130217BL

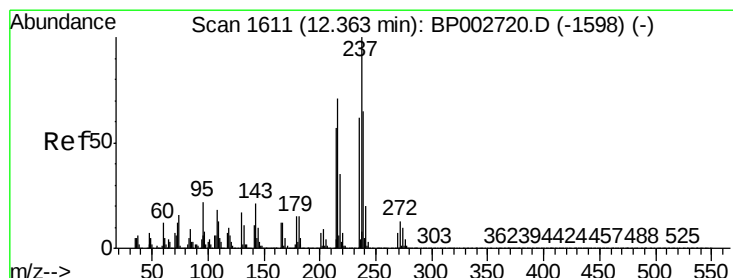
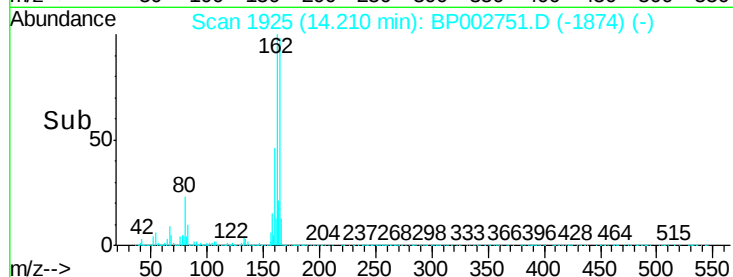
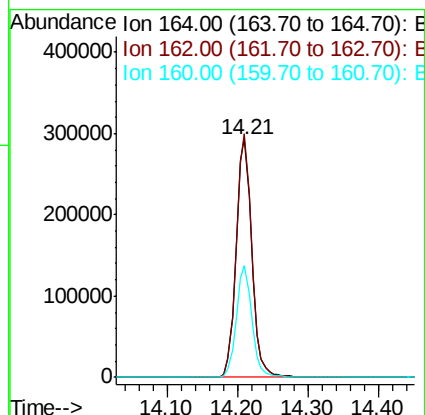
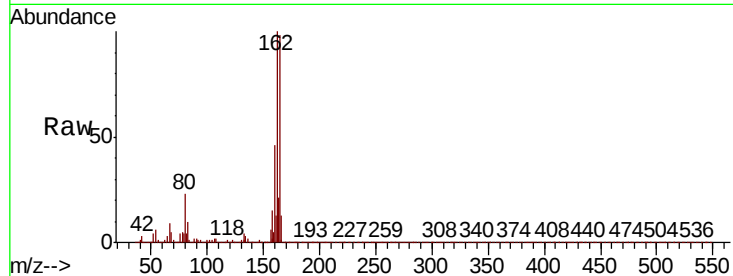
Tot Ion:164 Resp: 453327

Ion Ratio Lower Upper

164 100

162 102.3 80.6 121.0

160 46.8 36.4 54.6



#41

Hexachlorocyclopentadiene

Concen: 7.437 ng

RT: 12.52 min Scan# 1638

Delta R.T. 0.16 min

Lab File: BP002751.D

Acq: 15 Jul 2020 13:13

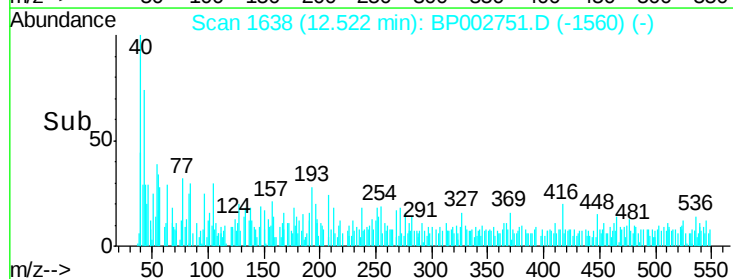
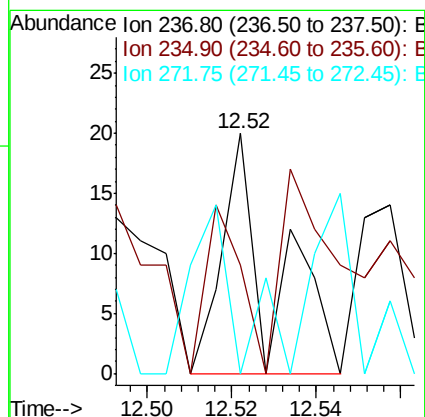
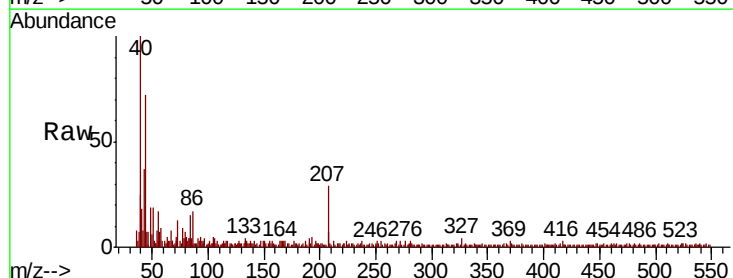
Tgt Ion:237 Resp: 17

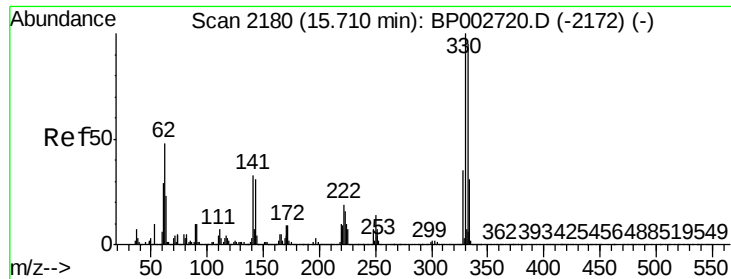
Ion Ratio Lower Upper

237 100

235 45.0 42.3 82.3

272 0.0 0.0 32.5

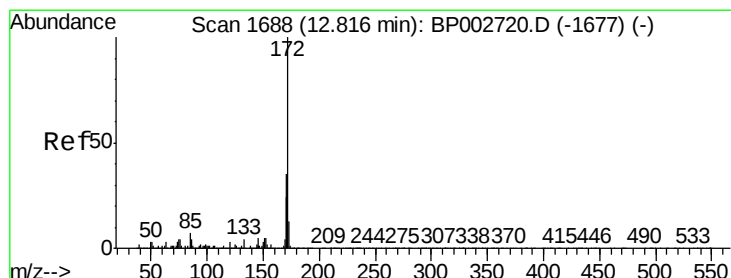
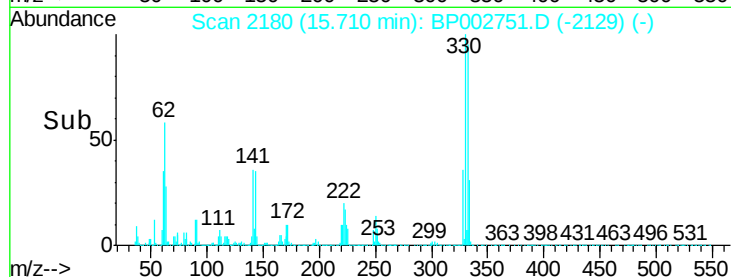
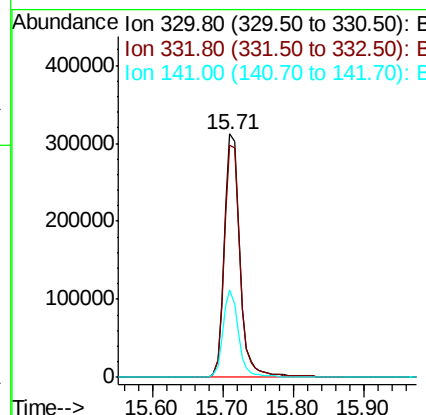
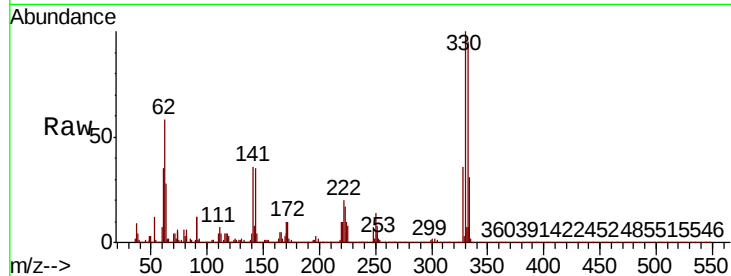




#42
 2,4,6-Tribromophenol
 Concen: 101.785 ng
 RT: 15.71 min Scan# 2180
 Delta R.T. 0.00 min
 Lab File: BP002751.D
 Acq: 15 Jul 2020 13:13

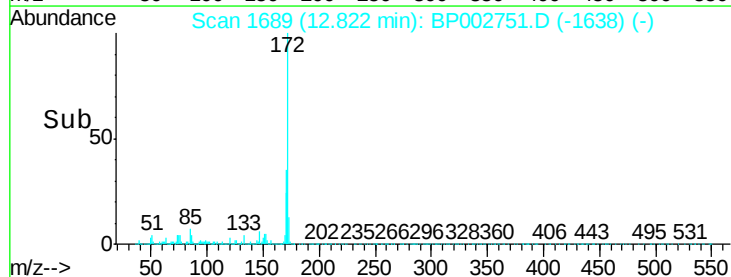
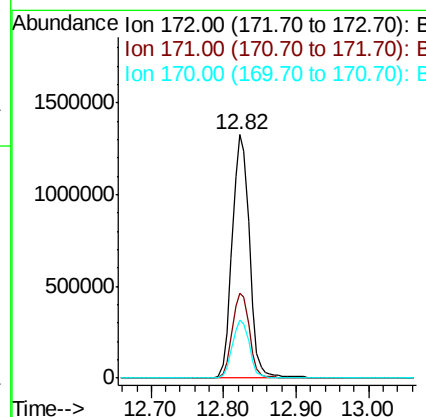
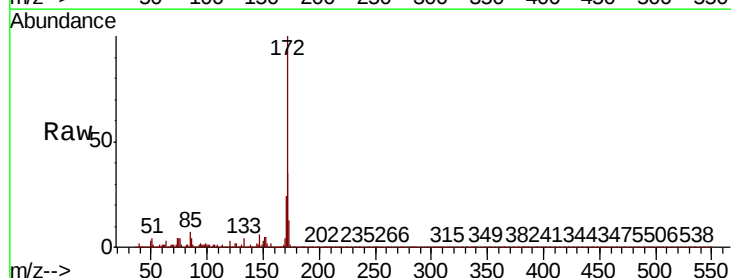
Instrument :
 BNA_P
 ClientSampleId :
 PB130217BL

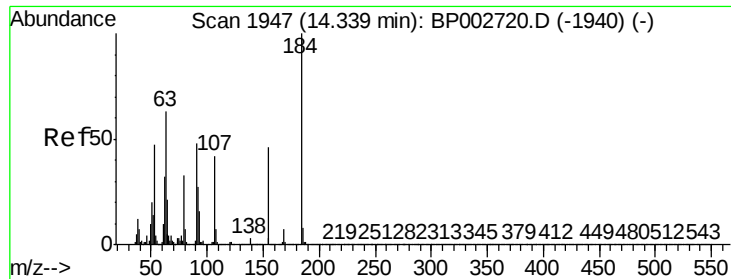
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	76.5	114.7
141	36.1	28.8	43.2



#45
 2-Fluorobiphenyl
 Concen: 75.270 ng
 RT: 12.82 min Scan# 1689
 Delta R.T. 0.00 min
 Lab File: BP002751.D
 Acq: 15 Jul 2020 13:13

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.1	42.1
170	23.6	19.3	28.9

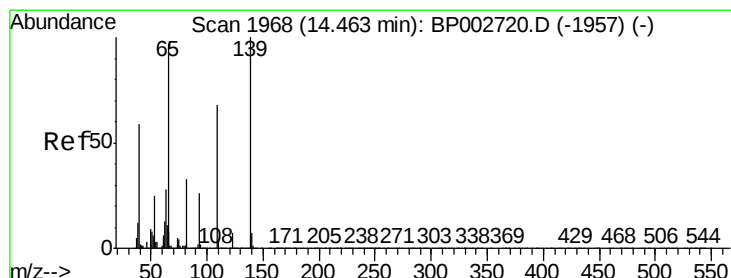
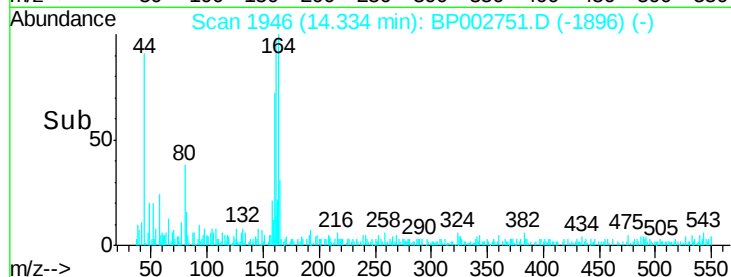
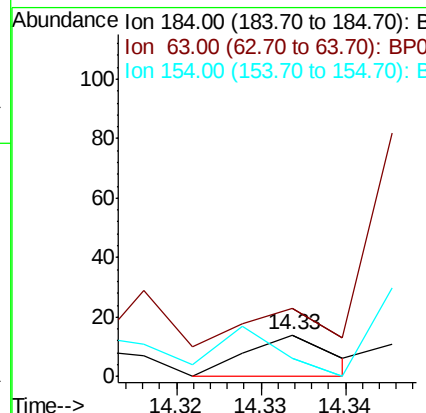
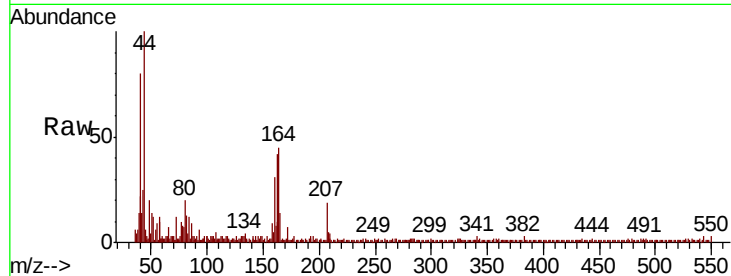




#54
2,4-Dinitrophenol
Concen: 11.376 ng
RT: 14.33 min Scan# 1946
Delta R.T. -0.01 min
Lab File: BP002751.D
Acq: 15 Jul 2020 13:13

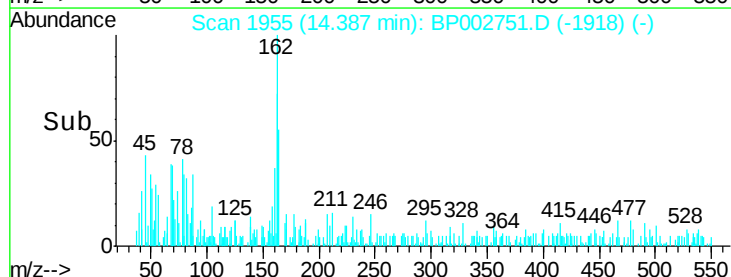
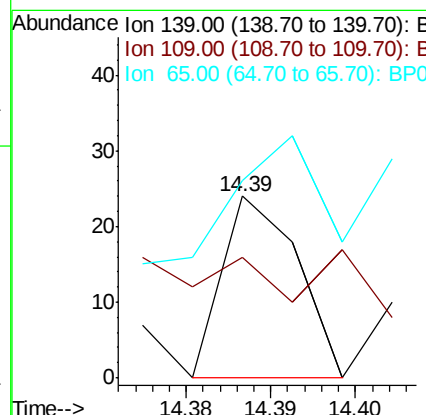
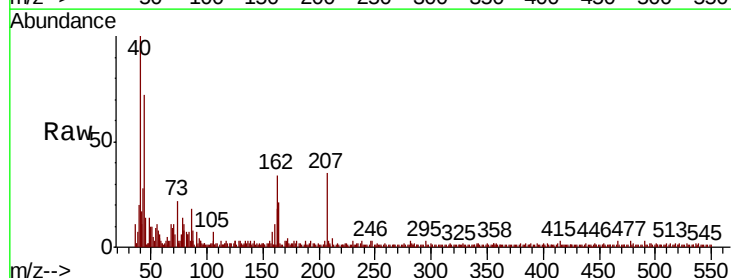
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ClientSampleId :
PB130217BL

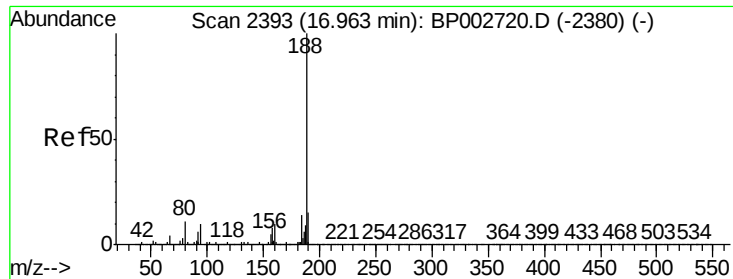
Tot Ion:184 Resp: 10
Ion Ratio Lower Upper
184 100
63 164.3 51.6 77.4#
154 42.9 45.0 67.6#



#56
4-Nitrophenol
Concen: 4.974 ng
RT: 14.39 min Scan# 1955
Delta R.T. -0.08 min
Lab File: BP002751.D
Acq: 15 Jul 2020 13:13

Tgt Ion:139 Resp: 15
Ion Ratio Lower Upper
139 100
109 66.7 48.1 88.1
65 108.3 77.9 117.9

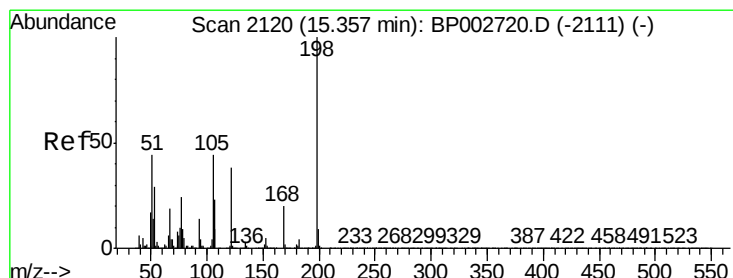
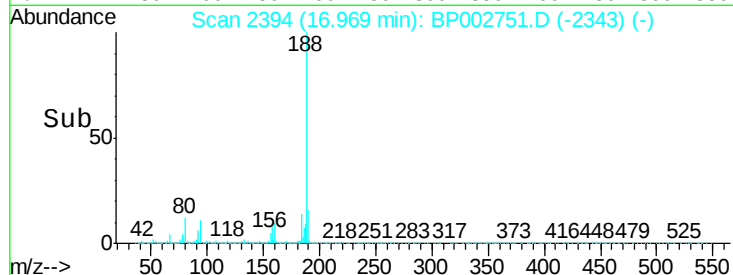
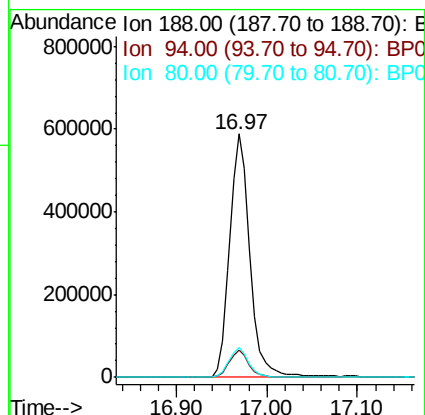
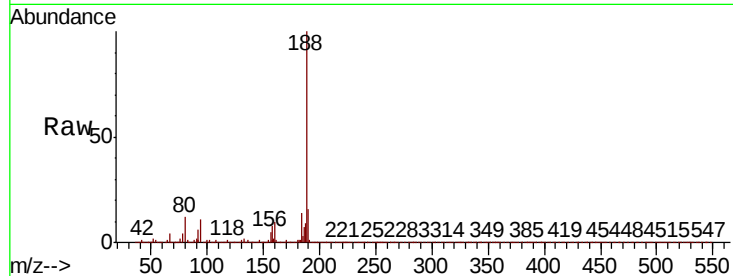




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.97 min Scan# 2394
Delta R.T. 0.00 min
Lab File: BP002751.D
Acq: 15 Jul 2020 13:13

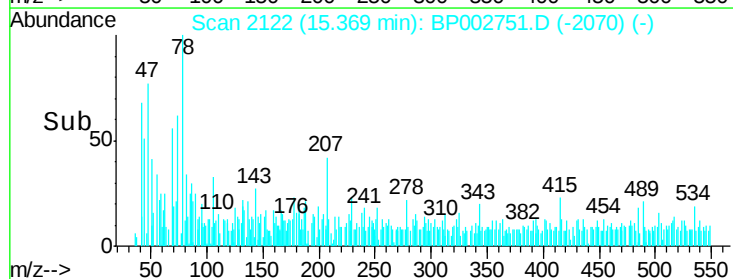
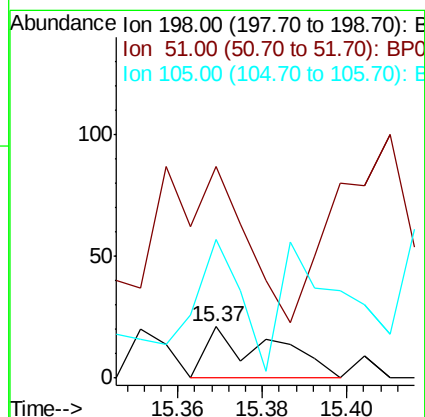
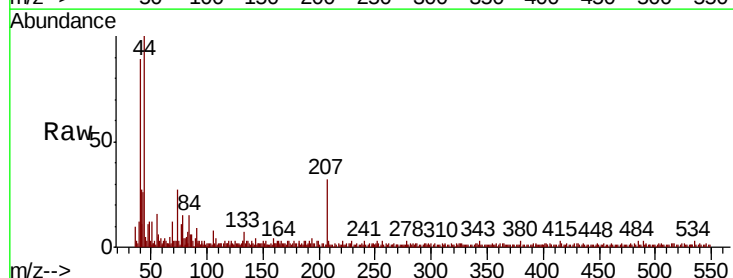
Instrument :
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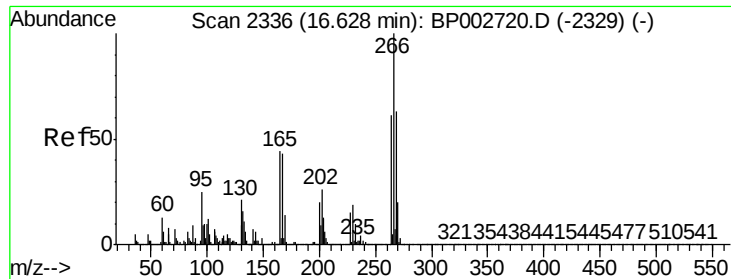
Tot Ion:188 Resp: 913924
Ion Ratio Lower Upper
188 100
94 11.1 8.1 12.1
80 12.0 8.9 13.3



#65
4,6-Dinitro-2-methylphenol
Concen: 5.270 ng
RT: 15.37 min Scan# 2122
Delta R.T. 0.01 min
Lab File: BP002751.D
Acq: 15 Jul 2020 13:13

Tgt Ion:198 Resp: 23
Ion Ratio Lower Upper
198 100
51 414.3 27.1 67.1#
105 271.4 24.9 64.9#





#70

Pentachlorophenol

Concen: 7.442 ng

RT: 16.63 min Scan# 2336

Delta R.T. -0.01 min

Lab File: BP002751.D

Acq: 15 Jul 2020 13:13

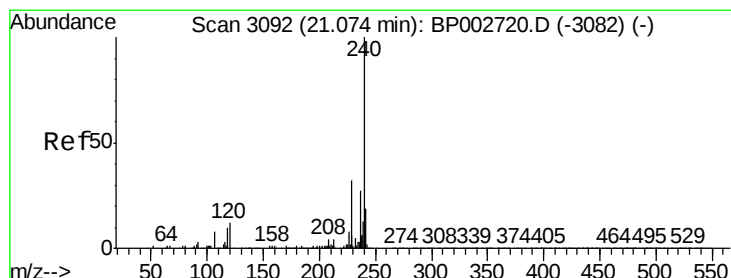
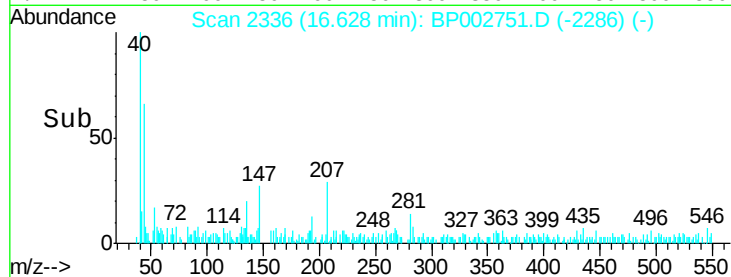
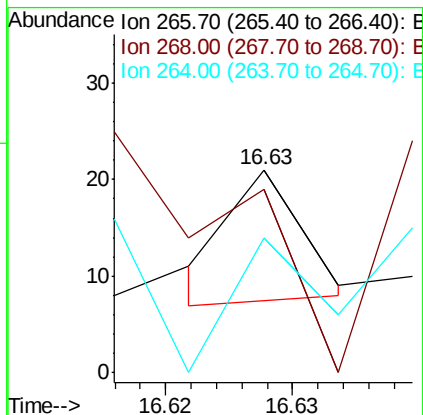
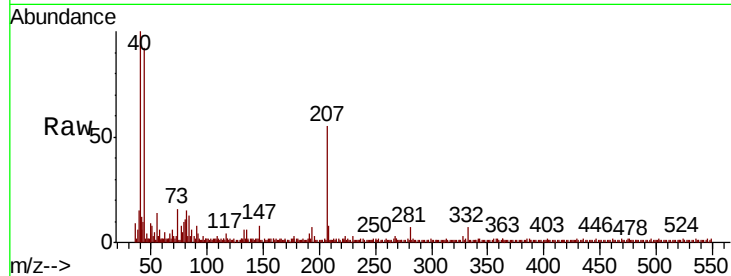
Instrument :

BNA_P

ClientSampleId :

PB130217BL

Tot Ion:	266	Resp:	5
Ion	Ratio	Lower	Upper
266	100		
268	90.5	50.6	75.8#
264	66.7	48.6	72.8



#76

Chrysene-d12

Concen: 20.000 ng

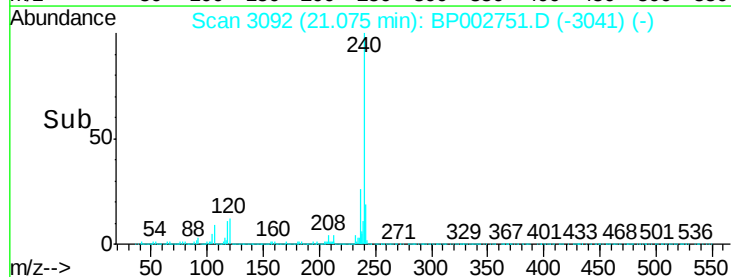
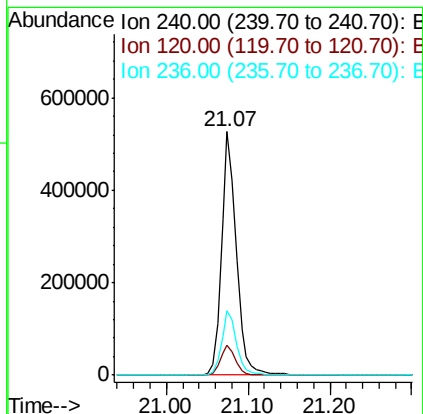
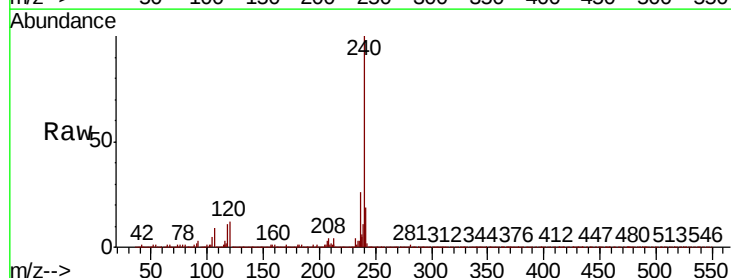
RT: 21.07 min Scan# 3092

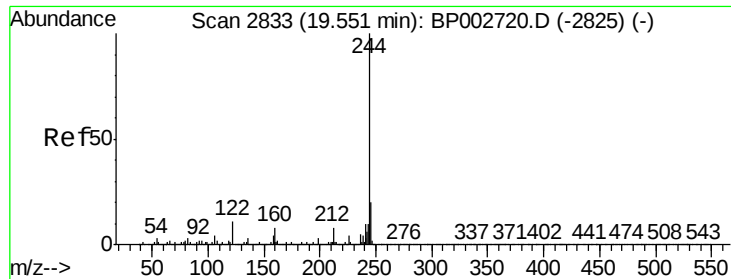
Delta R.T. 0.00 min

Lab File: BP002751.D

Acq: 15 Jul 2020 13:13

Tgt Ion:	240	Resp:	665351
Ion	Ratio	Lower	Upper
240	100		
120	12.1	9.4	14.2
236	26.3	21.3	31.9





#79

Terphenyl-d14

Concen: 80.203 ng

RT: 19.56 min Scan# 2834

Delta R.T. 0.00 min

Lab File: BP002751.D

Acq: 15 Jul 2020 13:13

Instrument :

BNA_P

ClientSampleId :

PB130217BL

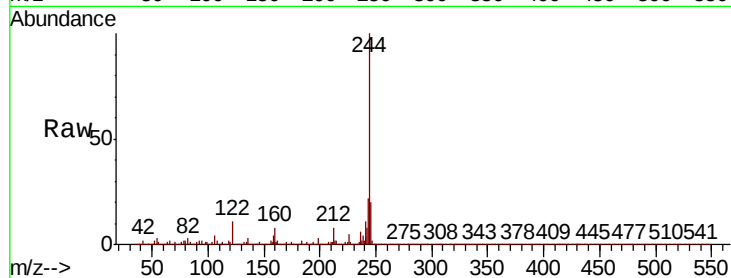
Tot Ion:244 Resp: 2327508

Ion Ratio Lower Upper

244 100

212 7.9 6.0 9.0

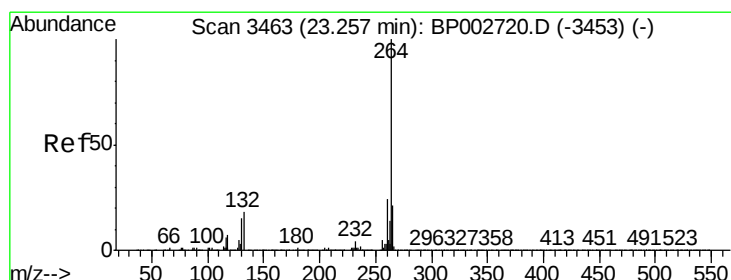
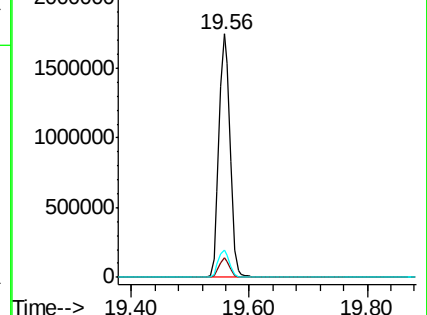
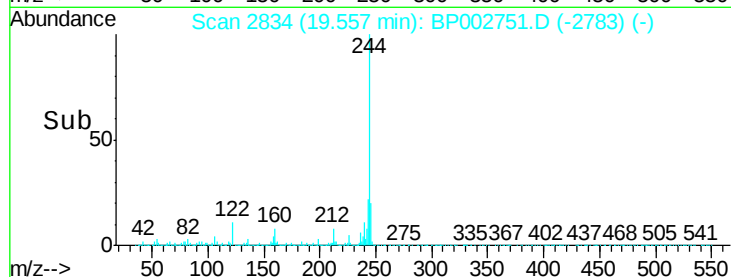
122 11.2 8.9 13.3



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: 23.26 min Scan# 3464

Delta R.T. 0.00 min

Lab File: BP002751.D

Acq: 15 Jul 2020 13:13

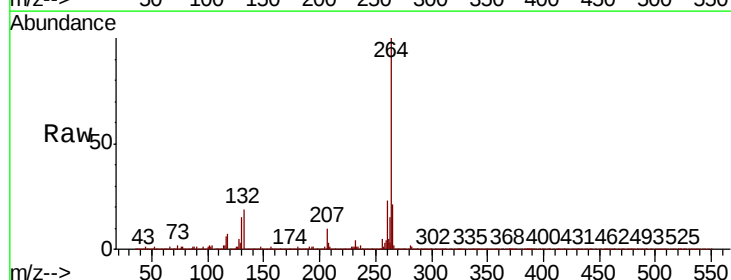
Tgt Ion:264 Resp: 553392

Ion Ratio Lower Upper

264 100

260 23.2 19.3 28.9

265 20.6 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

