

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP072220\
 Data File : BP002825.D
 Acq On : 22 Jul 2020 15:15
 Operator : CG/JU
 Sample : L3366-06
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Jul 22 17:24:42 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

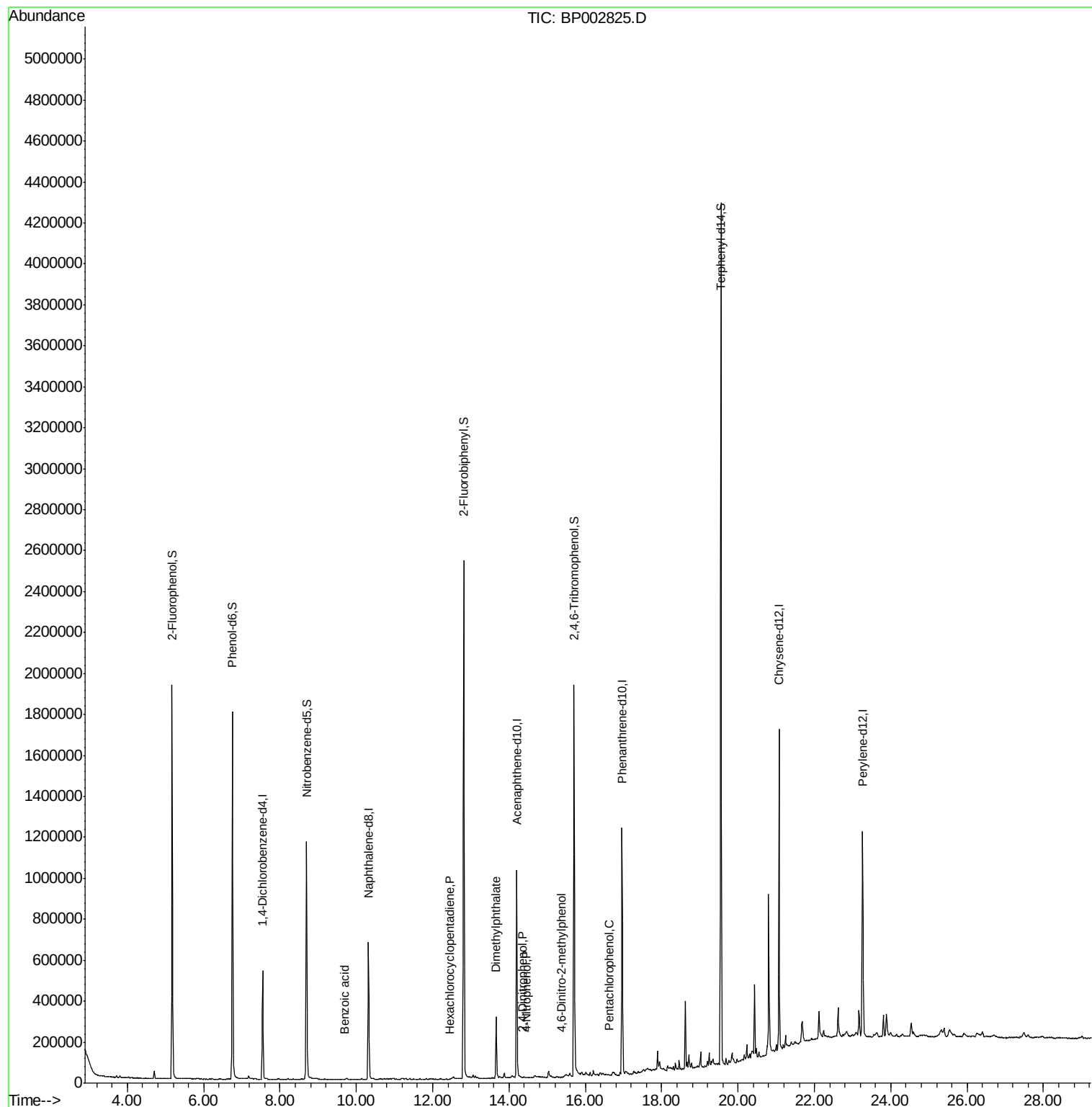
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	140185	20.00	ng	0.00
21) Naphthalene-d8	10.32	136	557641	20.00	ng	-0.01
39) Acenaphthene-d10	14.20	164	344999	20.00	ng	-0.01
64) Phenanthrene-d10	16.96	188	740343	20.00	ng	-0.01
76) Chrysene-d12	21.07	240	724926	20.00	ng	0.00
86) Perylene-d12	23.26	264	695480	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.18	112	843531	101.52	ng	0.00
7) Phenol-d6	6.75	99	1105214	93.20	ng	0.00
23) Nitrobenzene-d5	8.69	82	709861	68.08	ng	-0.01
42) 2,4,6-Tribromophenol	15.70	330	373160	103.62	ng	0.00
45) 2-Fluorobiphenyl	12.81	172	1384153	62.07	ng	-0.01
79) Terphenyl-d14	19.55	244	1885673	59.64	ng	0.00
Target Compounds						
32) Benzoic acid	9.70	122	119	7.079	ng	# 59
41) Hexachlorocyclopentadiene	12.45	237	25	7.439	ng	# 84
50) Dimethylphthalate	13.66	163	207694	7.894	ng	# 100
54) 2,4-Dinitrophenol	14.34	184	70	11.393	ng	# 43
56) 4-Nitrophenol	14.46	139	86	4.988	ng	# 1
65) 4,6-Dinitro-2-methylphenol	15.37	198	55	5.278	ng	# 1
70) Pentachlorophenol	16.63	266	35	7.449	ng	# 54

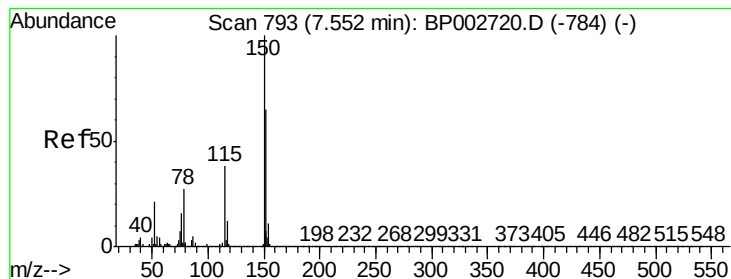
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Jul 13 10:54:03 2020
Response via : Initial Calibration



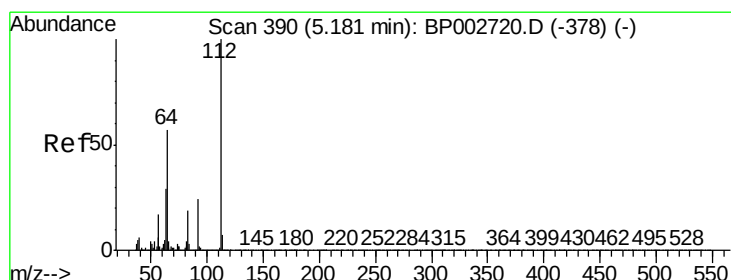
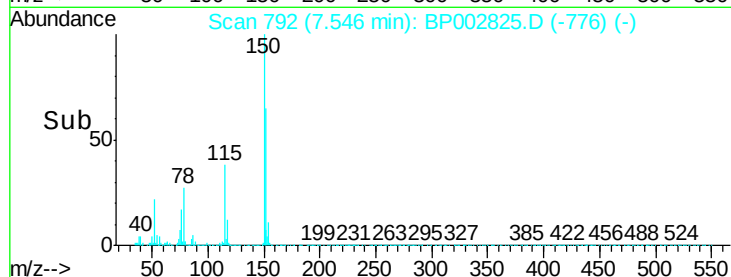
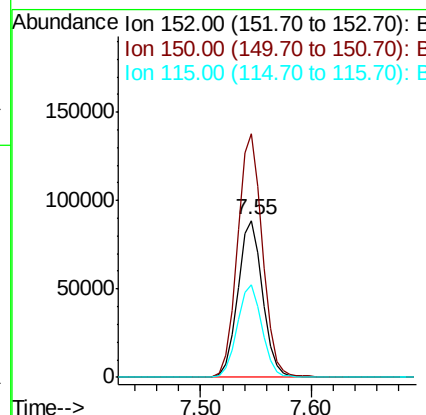
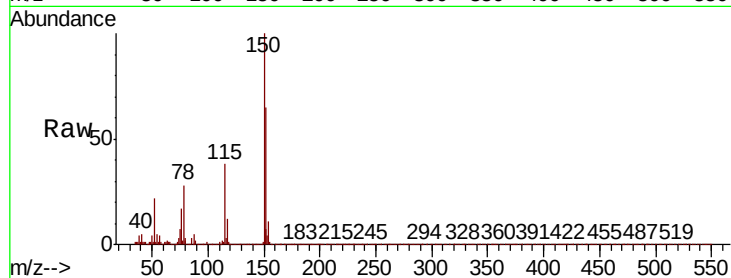


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.55 min Scan# 792
Delta R.T. -0.01 min
Lab File: BP002825.D
Acq: 22 Jul 2020 15:15

Instrument :
BNA_P
ClientSampleId :

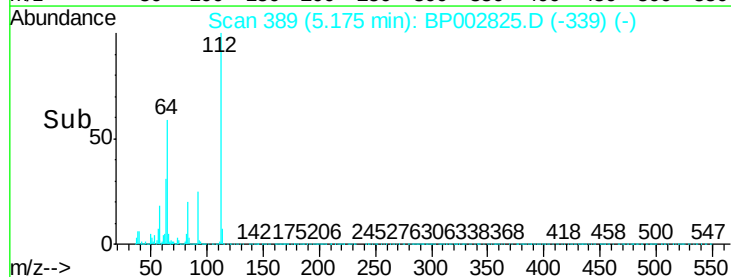
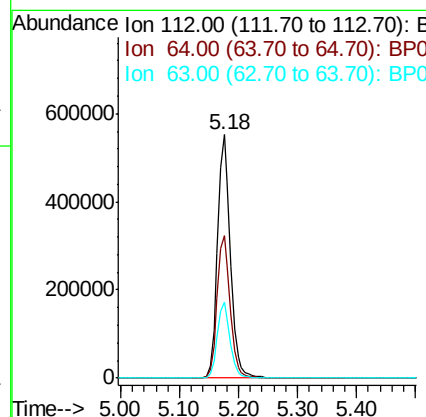
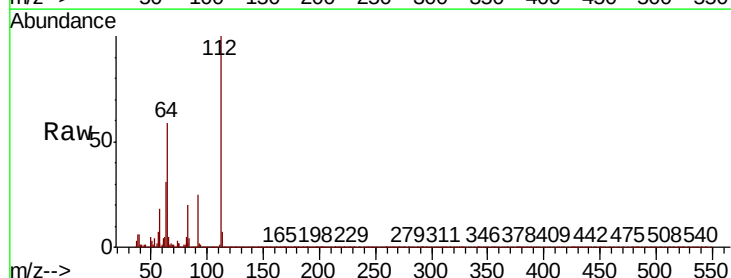
Tot Ion	Ratio	Lower	Upper
152	100		
150	155.0	123.7	185.5
115	59.3	47.2	70.8

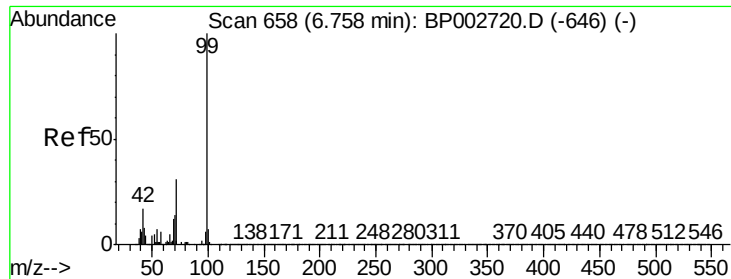


#5

2-Fluorophenol
Concen: 101.523 ng
RT: 5.18 min Scan# 389
Delta R.T. -0.01 min
Lab File: BP002825.D
Acq: 22 Jul 2020 15:15

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.8	45.6	68.4
63	31.2	23.5	35.3





#7

Phenol-d6

Concen: 93.204 ng

RT: 6.75 min Scan# 657

Delta R.T. -0.01 min

Lab File: BP002825.D

Acq: 22 Jul 2020 15:15

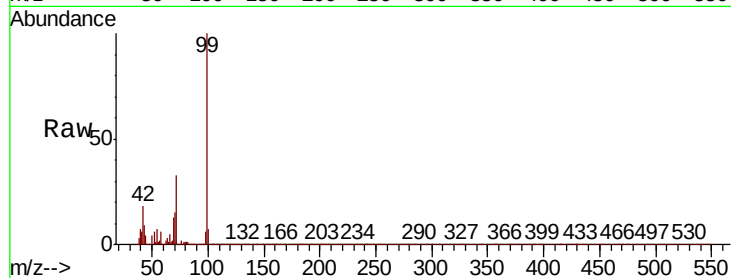
Instrument :

BNA_P

ClientSampleId :

Tot Ion: 99 Resp: 1105214

Ion	Ratio	Lower	Upper
99	100		
42	17.8	13.4	20.2
71	32.8	24.6	36.8



Abundance

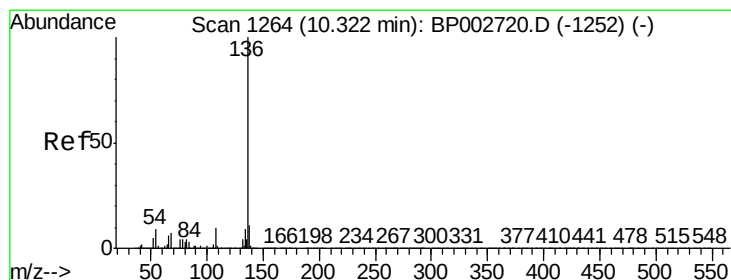
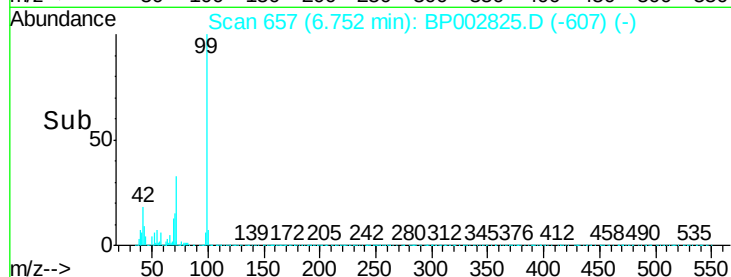
Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0

6.75

Time--> 6.60 6.70 6.80 6.90



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.32 min Scan# 1263

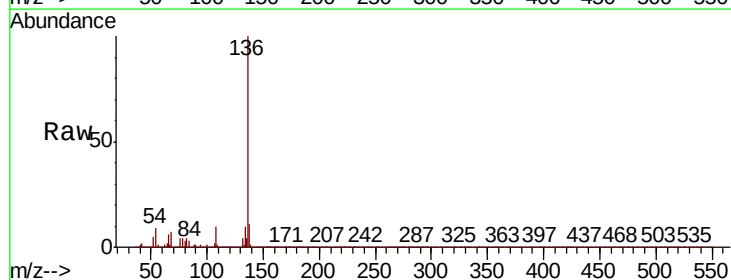
Delta R.T. -0.01 min

Lab File: BP002825.D

Acq: 22 Jul 2020 15:15

Tgt Ion: 136 Resp: 557641

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	13.0
54	8.8	6.9	10.3
68	7.1	5.7	8.5



Abundance

Ion 136.00 (135.70 to 136.70): E

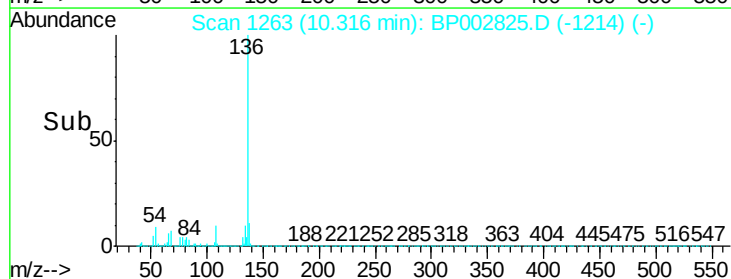
Ion 137.00 (136.70 to 137.70): E

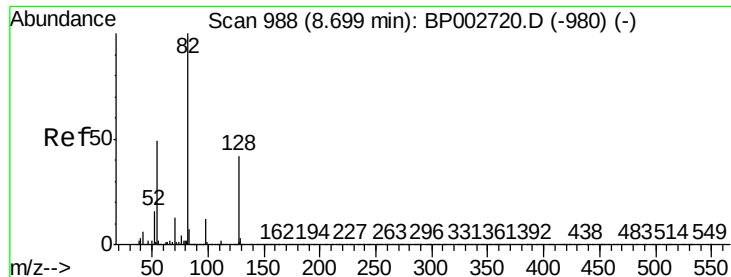
Ion 54.00 (53.70 to 54.70): BP0

Ion 68.00 (67.70 to 68.70): BP0

10.32

Time--> 10.20 10.40

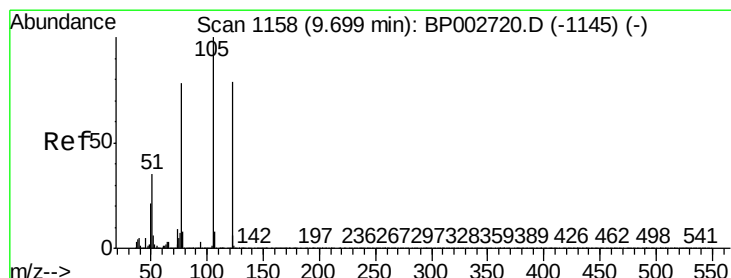
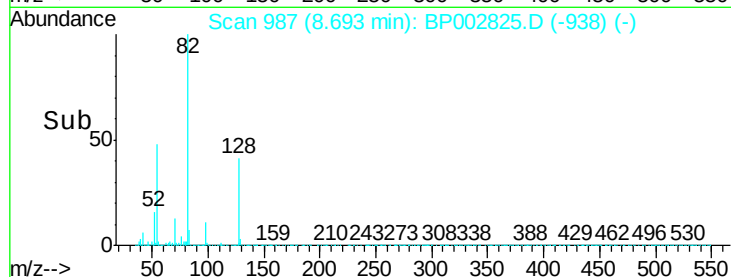
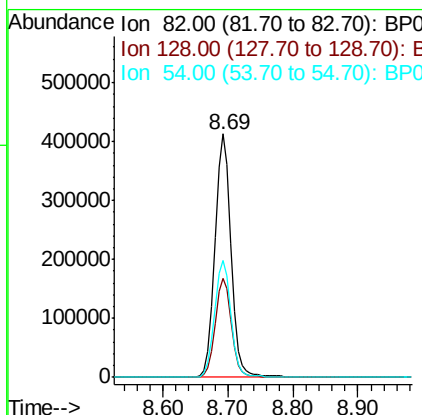
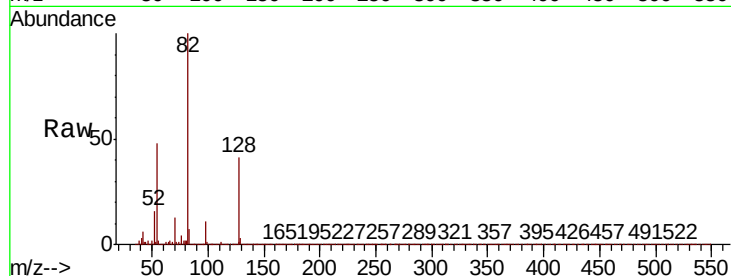




#23
Nitrobenzene-d5
Concen: 68.083 ng
RT: 8.69 min Scan# 987
Delta R.T. -0.01 min
Lab File: BP002825.D
Acq: 22 Jul 2020 15:15

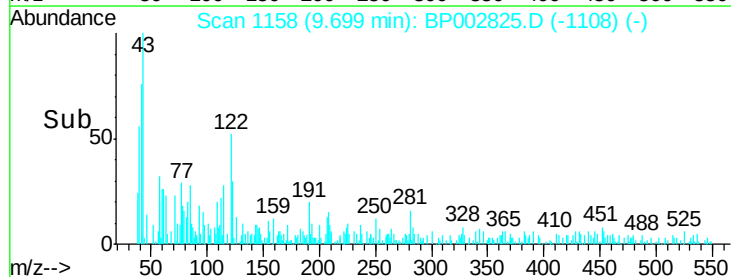
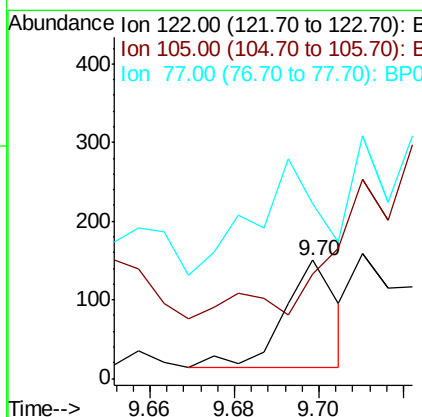
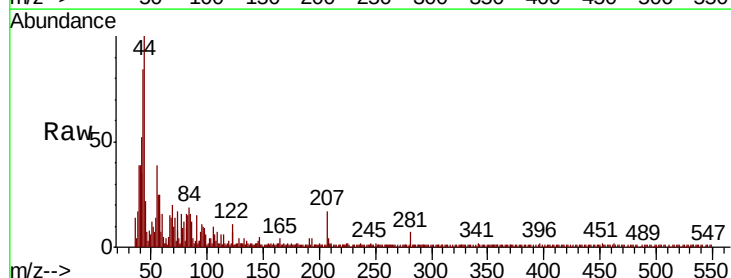
Instrument :
BNA_P
ClientSampled :

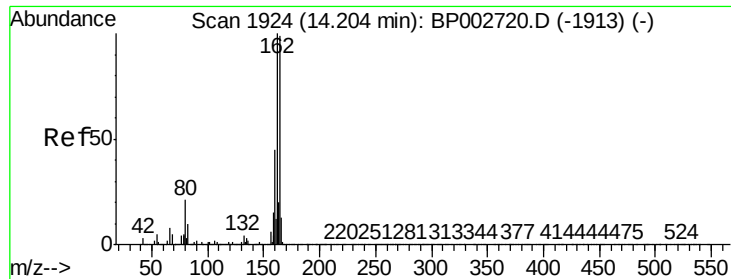
Tot Ion	82	Resp	709861
Ion Ratio	Lower	Upper	
82	100		
128	40.8	33.8	50.8
54	47.9	38.8	58.2



#32
Benzoic acid
Concen: 7.079 ng
RT: 9.70 min Scan# 1158
Delta R.T. -0.01 min
Lab File: BP002825.D
Acq: 22 Jul 2020 15:15

Tgt Ion	122	Resp	119
Ion Ratio	Lower	Upper	
122	100		
105	88.0	105.4	145.4#
77	148.7	78.5	118.5#

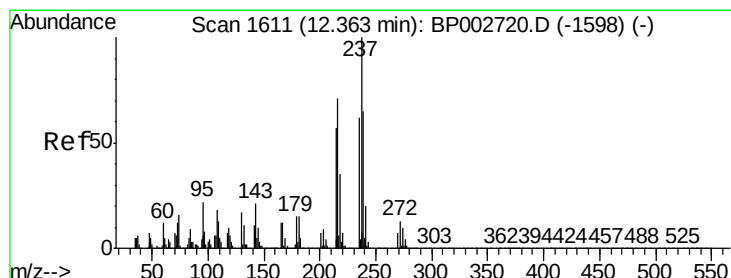
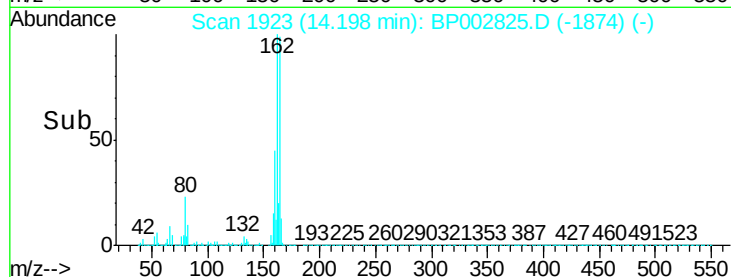
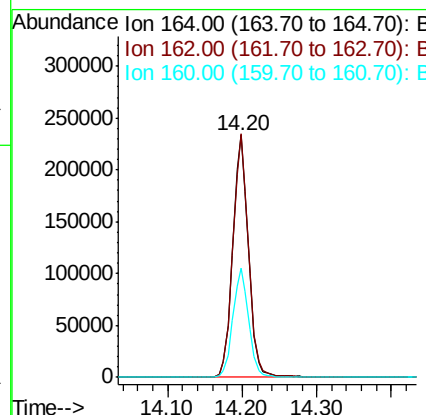
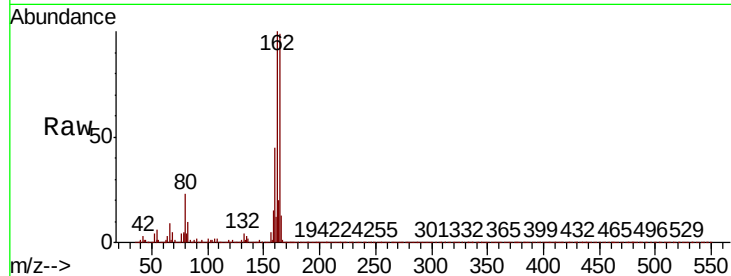




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.20 min Scan# 1923
Delta R.T. -0.01 min
Lab File: BP002825.D
Acq: 22 Jul 2020 15:15

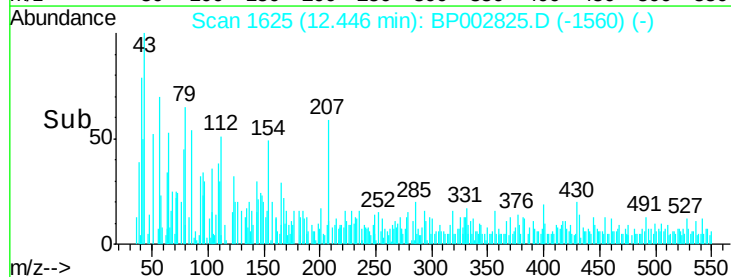
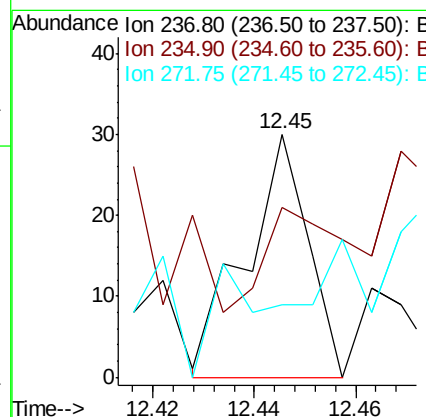
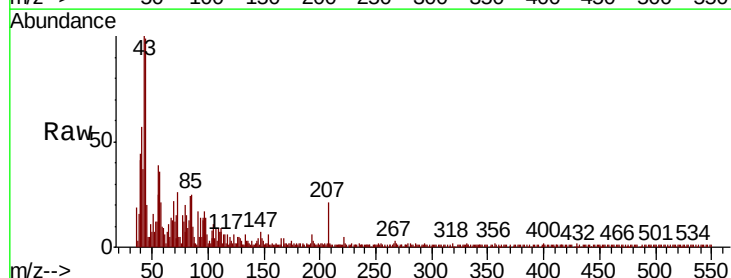
Instrument :
BNA_P
ClientSampleId :

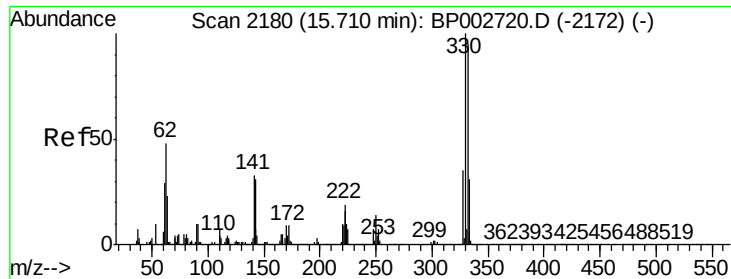
Tot Ion	Ratio	Lower	Upper
164	100		
162	100.7	80.6	121.0
160	44.9	36.4	54.6



#41
Hexachlorocyclopentadiene
Concen: 7.439 ng
RT: 12.45 min Scan# 1625
Delta R.T. 0.08 min
Lab File: BP002825.D
Acq: 22 Jul 2020 15:15

Tgt Ion	Ratio	Lower	Upper
237	100		
235	70.0	42.3	82.3
272	30.0	0.0	32.5

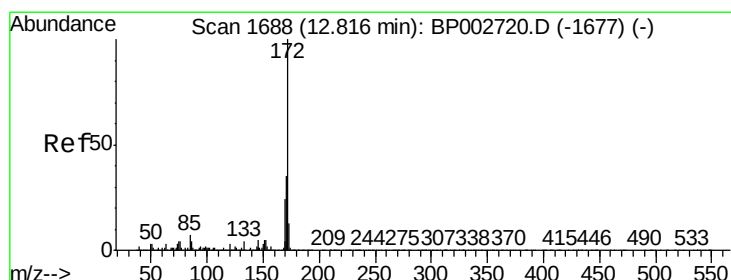
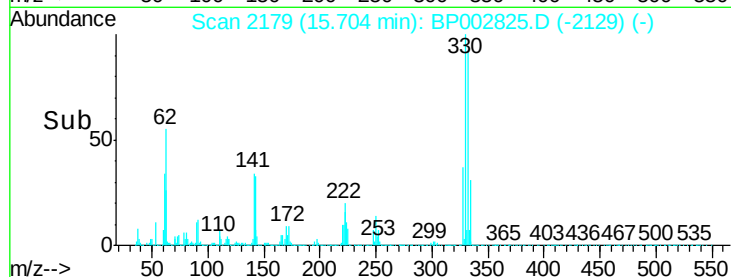
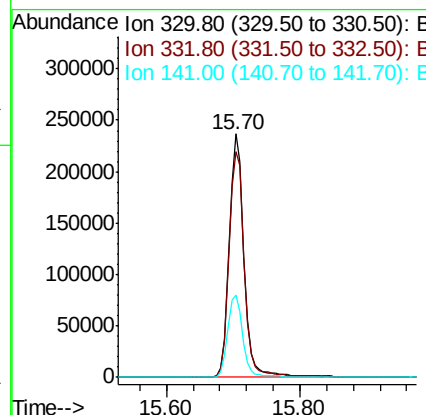
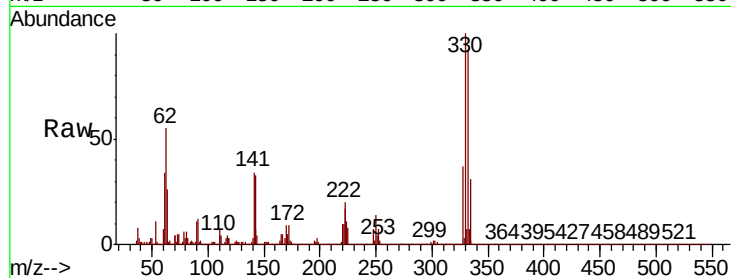




#42
 2,4,6-Tribromophenol
 Concen: 103.620 ng
 RT: 15.70 min Scan# 2179
 Delta R.T. -0.01 min
 Lab File: BP002825.D
 Acq: 22 Jul 2020 15:15

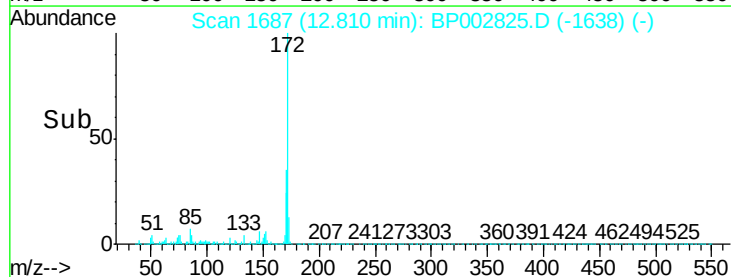
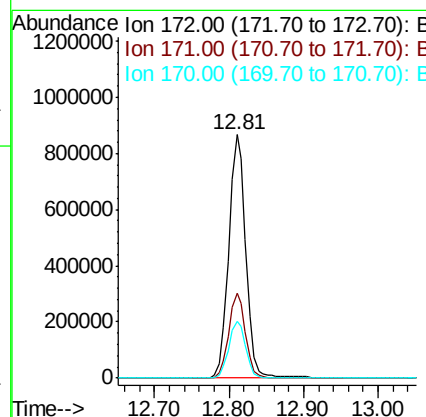
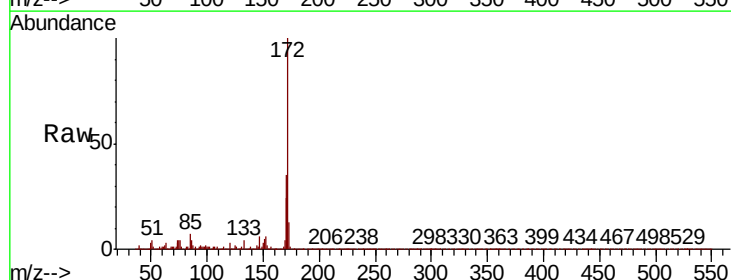
Instrument :
 BNA_P
 ClientSampleId :

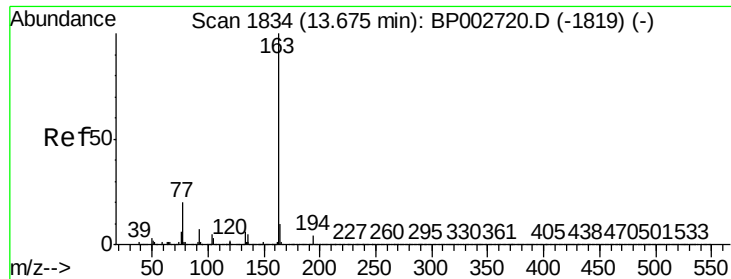
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	76.5	114.7
141	35.1	28.8	43.2



#45
 2-Fluorobiphenyl
 Concen: 62.066 ng
 RT: 12.81 min Scan# 1687
 Delta R.T. -0.01 min
 Lab File: BP002825.D
 Acq: 22 Jul 2020 15:15

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.1	42.1
170	23.5	19.3	28.9





#50

Dimethylphthalate

Concen: 7.894 ng

RT: 13.66 min Scan# 1832

Delta R.T. -0.01 min

Lab File: BP002825.D

Acq: 22 Jul 2020 15:15

Instrument :

BNA_P

ClientSampleId :

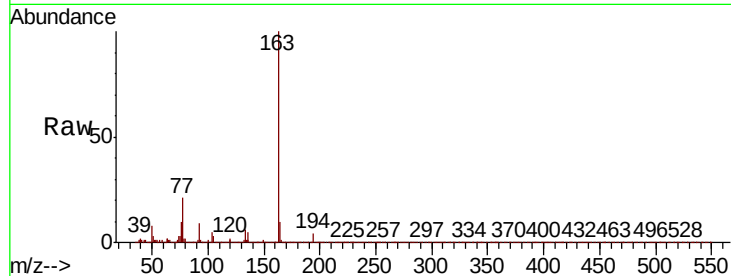
Tot Ion:163 Resp: 207694

Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.2

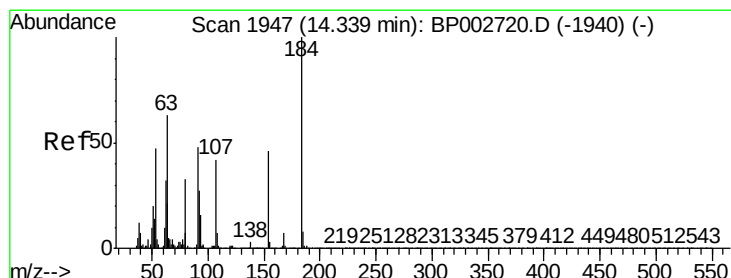
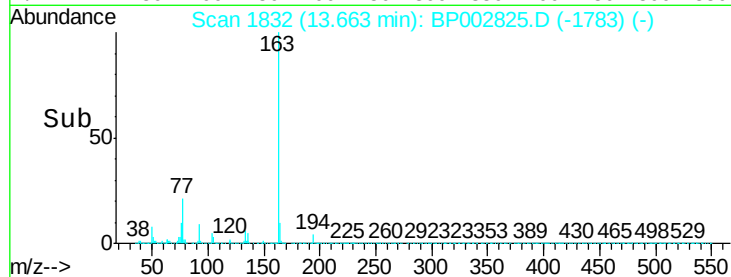
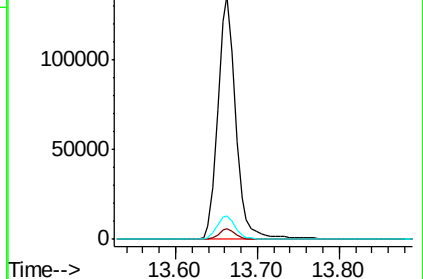
164 9.8 7.8 11.8



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



#54

2,4-Dinitrophenol

Concen: 11.393 ng

RT: 14.34 min Scan# 1947

Delta R.T. 0.00 min

Lab File: BP002825.D

Acq: 22 Jul 2020 15:15

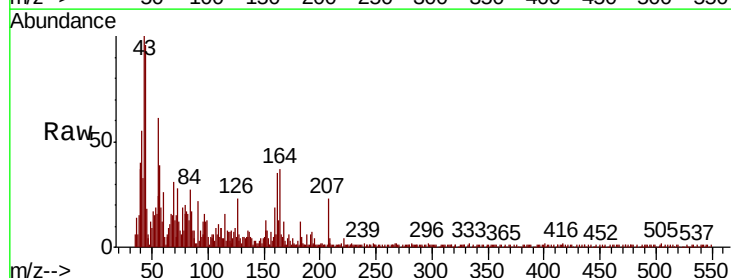
Tgt Ion:184 Resp: 70

Ion Ratio Lower Upper

184 100

63 131.5 51.6 77.4#

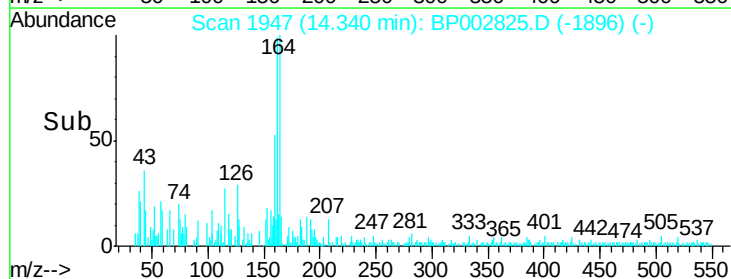
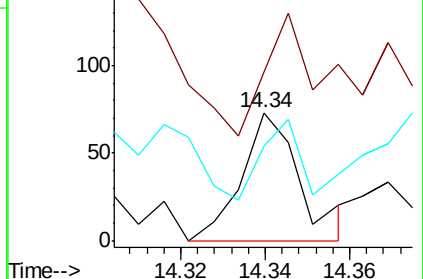
154 74.0 45.0 67.6#

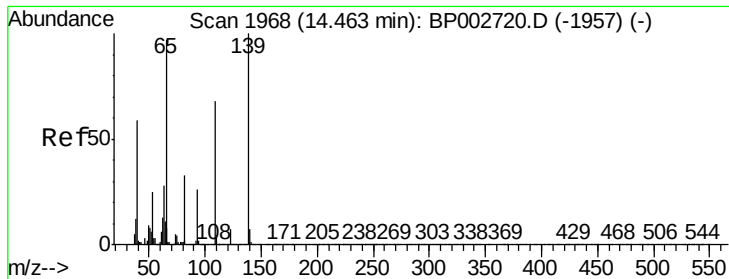


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BP0

Ion 154.00 (153.70 to 154.70): E

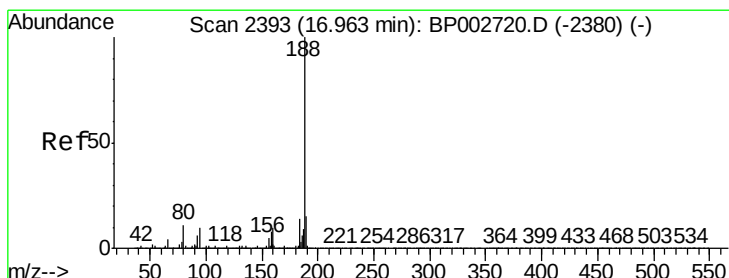
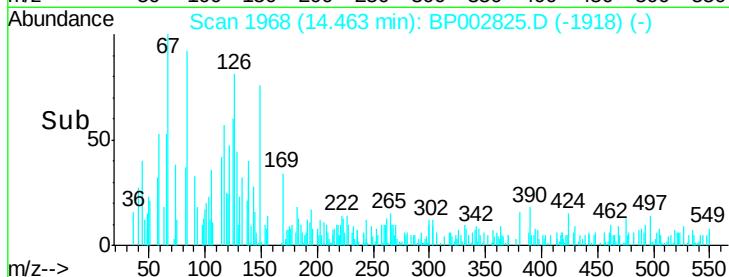
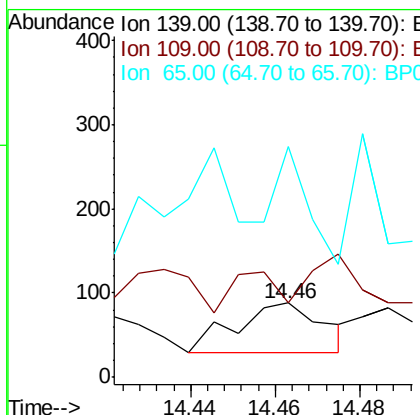
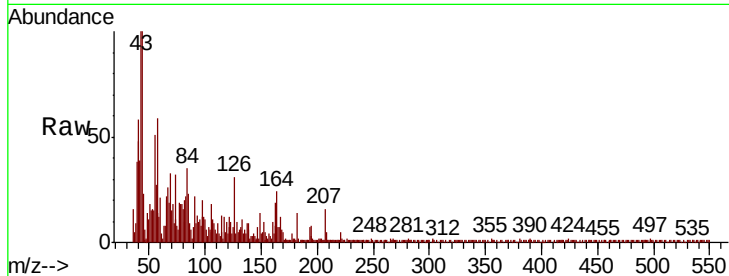




#56
4-Nitrophenol
Concen: 4.988 ng
RT: 14.46 min Scan# 1968
Delta R.T. -0.01 min
Lab File: BP002825.D
Acq: 22 Jul 2020 15:15

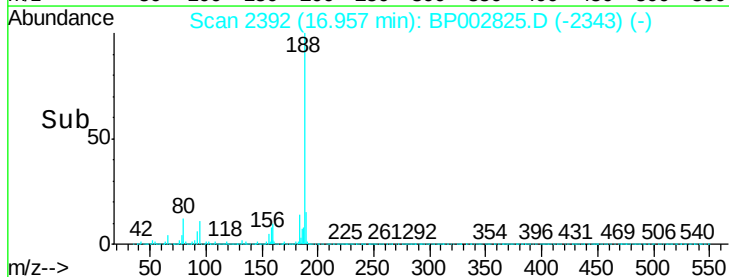
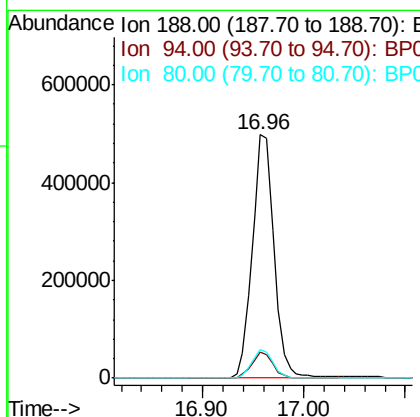
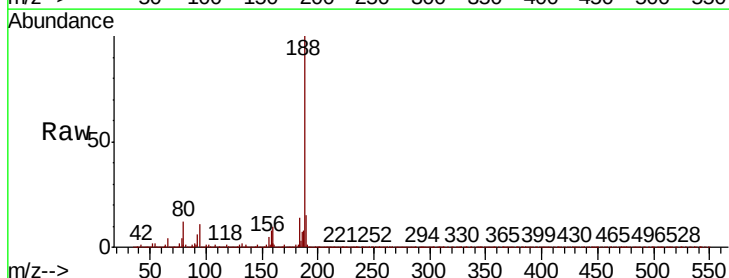
Instrument :
BNA_P
ClientSampleId :

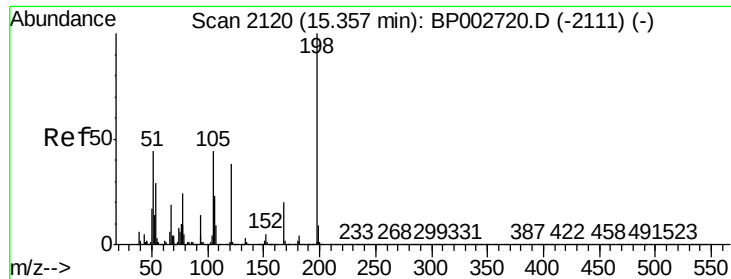
Tot Ion	Ratio	Lower	Upper
139	100		
109	101.1	48.1	88.1#
65	311.4	77.9	117.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.96 min Scan# 2392
Delta R.T. -0.01 min
Lab File: BP002825.D
Acq: 22 Jul 2020 15:15

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.9	8.1	12.1
80	11.6	8.9	13.3

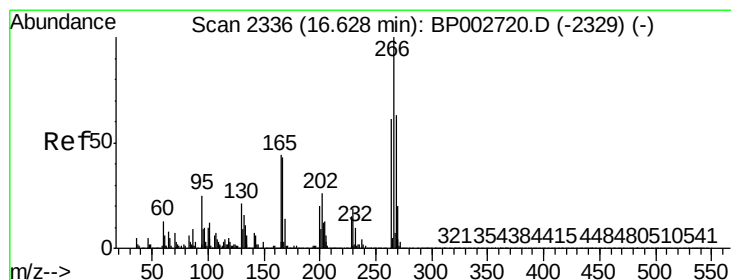
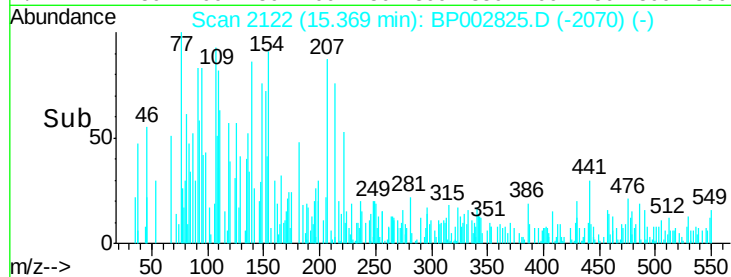
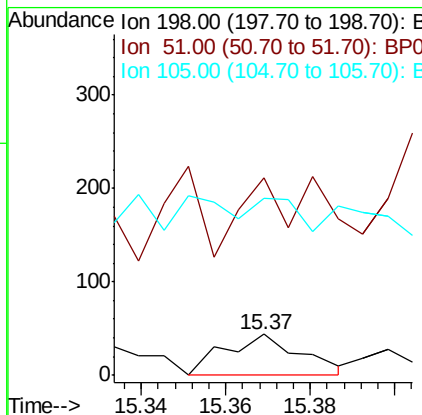
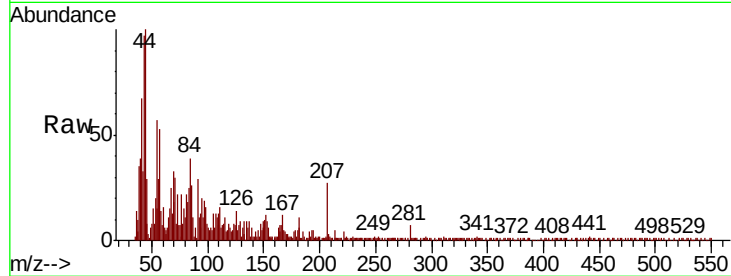




#65
 4,6-Dinitro-2-methylphenol
 Concen: 5.278 ng
 RT: 15.37 min Scan# 2122
 Delta R.T. 0.01 min
 Lab File: BP002825.D
 Acq: 22 Jul 2020 15:15

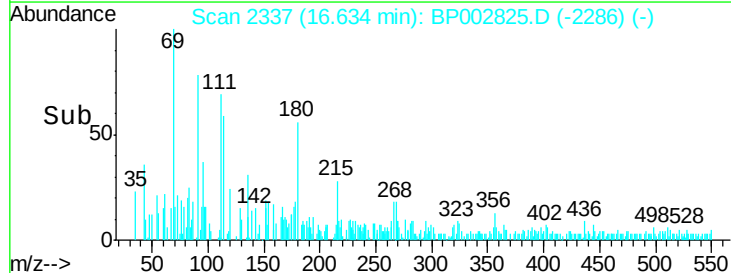
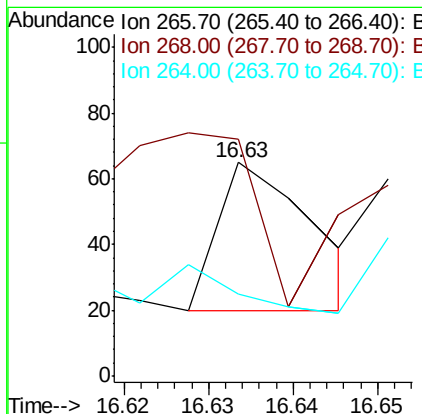
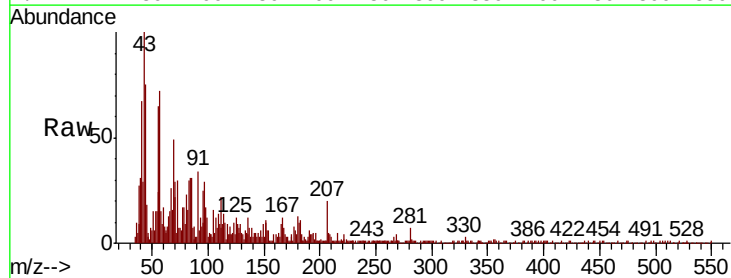
Instrument :
 BNA_P
 ClientSampled :

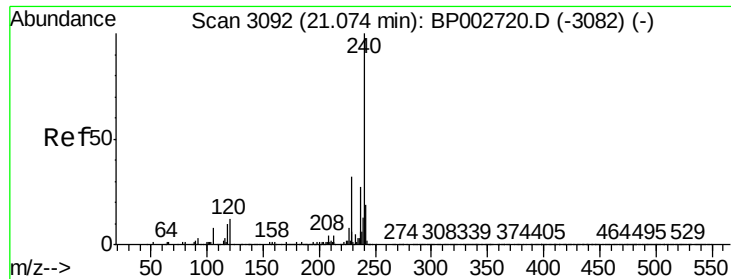
Tot Ion:198 Resp: 55
 Ion Ratio Lower Upper
 198 100
 51 481.8 27.1 67.1#
 105 429.5 24.9 64.9#



#70
 Pentachlorophenol
 Concen: 7.449 ng
 RT: 16.63 min Scan# 2337
 Delta R.T. 0.00 min
 Lab File: BP002825.D
 Acq: 22 Jul 2020 15:15

Tgt Ion:266 Resp: 35
 Ion Ratio Lower Upper
 266 100
 268 110.8 50.6 75.8#
 264 38.5 48.6 72.8#

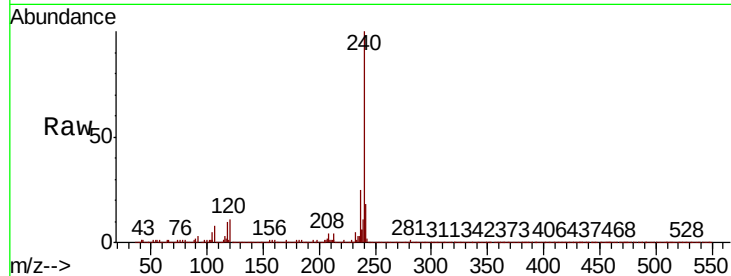




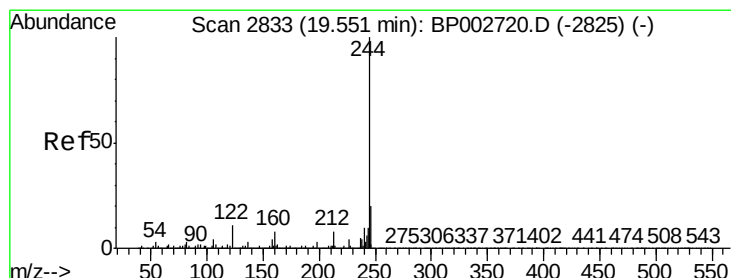
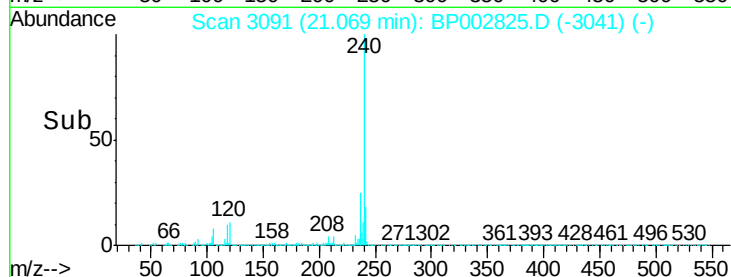
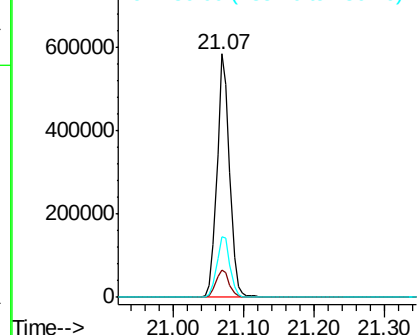
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.07 min Scan# 3091
Delta R.T. -0.01 min
Lab File: BP002825.D
Acq: 22 Jul 2020 15:15

Instrument :
BNA_P
ClientSampleId :

Tot Ion:240 Resp: 724926
Ion Ratio Lower Upper
240 100
120 11.4 9.4 14.2
236 25.1 21.3 31.9

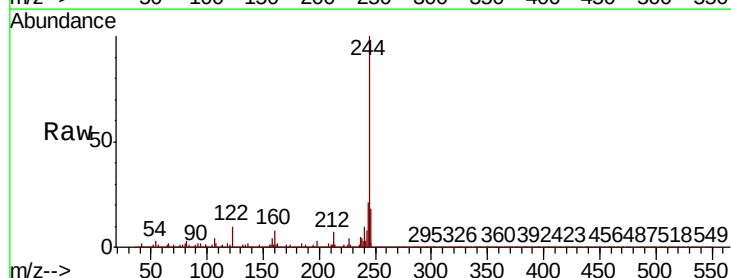


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

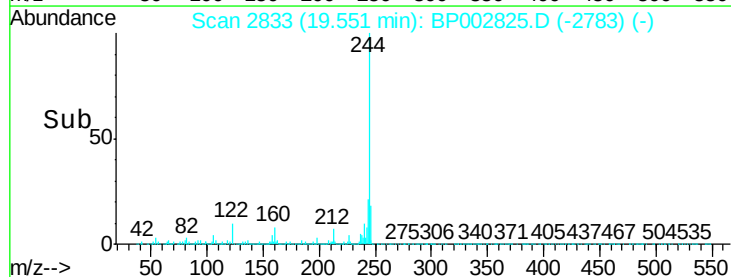
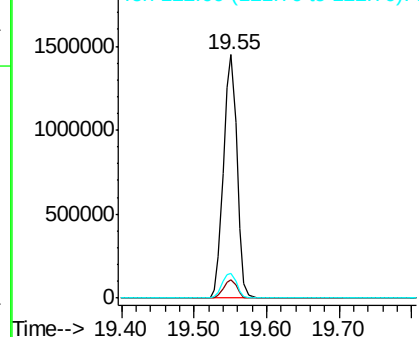


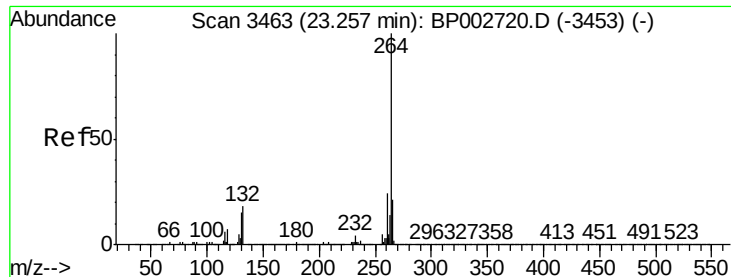
#79
Terphenyl-d14
Concen: 59.638 ng
RT: 19.55 min Scan# 2833
Delta R.T. -0.01 min
Lab File: BP002825.D
Acq: 22 Jul 2020 15:15

Tgt Ion:244 Resp: 1885673
Ion Ratio Lower Upper
244 100
212 7.4 6.0 9.0
122 10.0 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

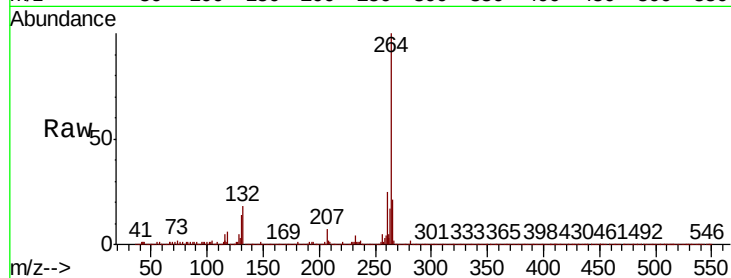




#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.26 min Scan# 3464
Delta R.T. 0.00 min
Lab File: BP002825.D
Acq: 22 Jul 2020 15:15

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.3	28.9
265	21.4	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

