

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP072020\
 Data File : BP002799.D
 Acq On : 20 Jul 2020 14:21
 Operator : CG/JU
 Sample : L3188-16
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TR-04-071620

Quant Time: Jul 20 15:22:20 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

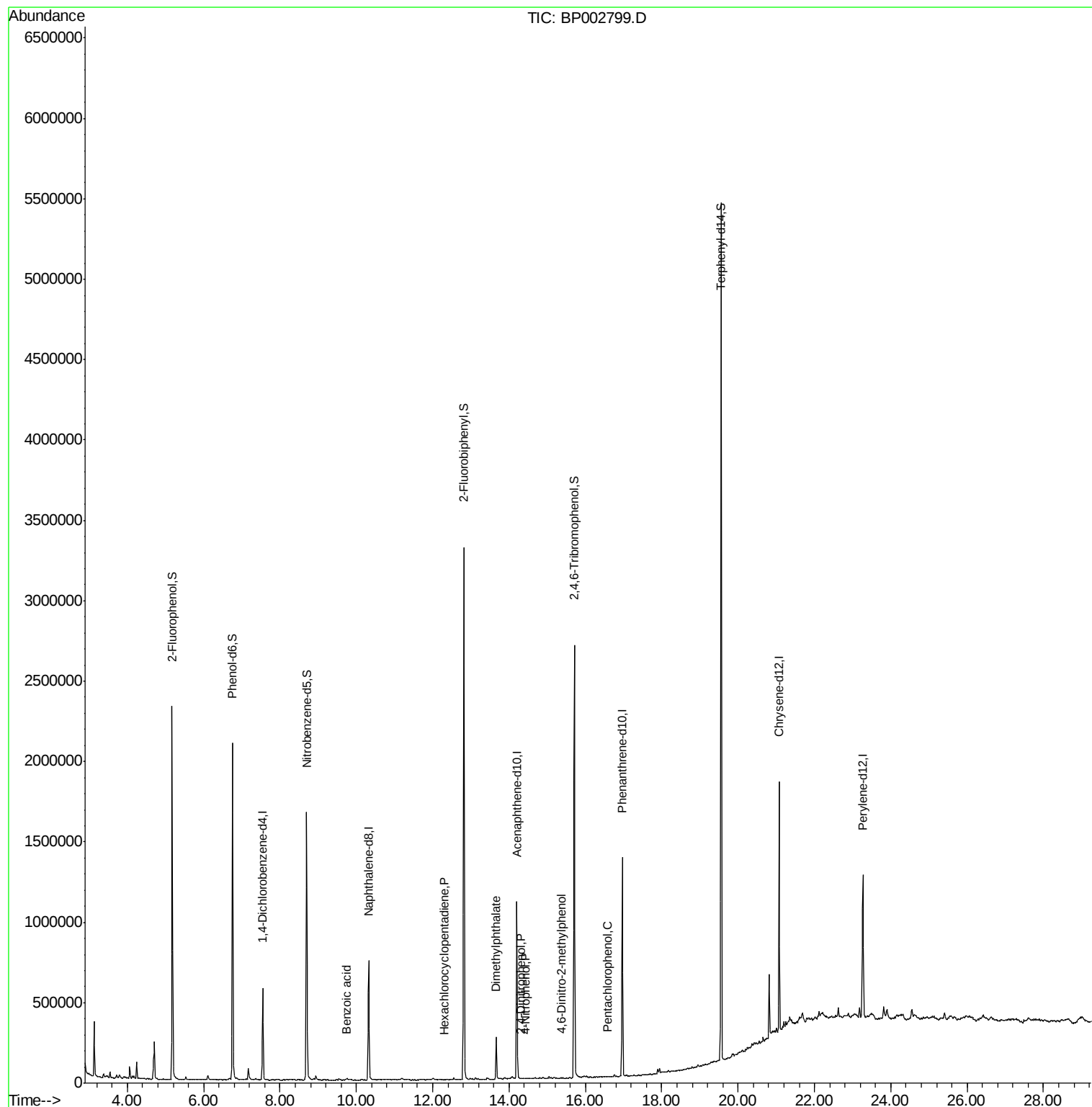
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	150980	20.00	ng	0.00
21) Naphthalene-d8	10.32	136	620629	20.00	ng	0.00
39) Acenaphthene-d10	14.20	164	384553	20.00	ng	-0.01
64) Phenanthrene-d10	16.96	188	790437	20.00	ng	0.00
76) Chrysene-d12	21.07	240	719348	20.00	ng	0.00
86) Perylene-d12	23.26	264	616087	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.18	112	1060102	118.47	ng	0.00
7) Phenol-d6	6.76	99	1279068	100.15	ng	0.00
23) Nitrobenzene-d5	8.70	82	1006730	86.76	ng	0.00
42) 2,4,6-Tribromophenol	15.71	330	528001	131.54	ng	0.00
45) 2-Fluorobiphenyl	12.82	172	1787771	71.92	ng	0.00
79) Terphenyl-d14	19.56	244	2403699	76.61	ng	0.00
Target Compounds						
32) Benzoic acid	9.74	122	1070	7.196	ng	Qvalue # 79
41) Hexachlorocyclopentadiene	12.30	237	31	7.440	ng	85
50) Dimethylphthalate	13.66	163	171140	5.835	ng	100
54) 2,4-Dinitrophenol	14.30	184	22	11.379	ng	# 1
56) 4-Nitrophenol	14.42	139	98	4.988	ng	# 51
65) 4,6-Dinitro-2-methylphenol	15.36	198	11	5.269	ng	# 1
70) Pentachlorophenol	16.58	266	45	7.451	ng	92

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

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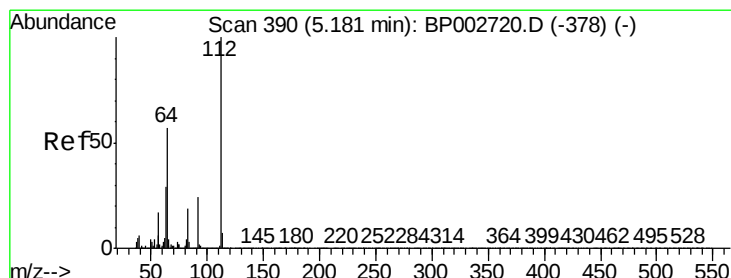
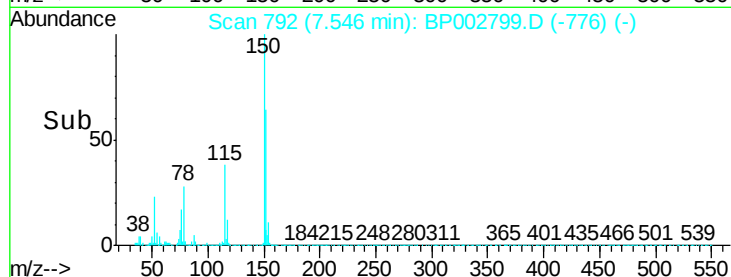
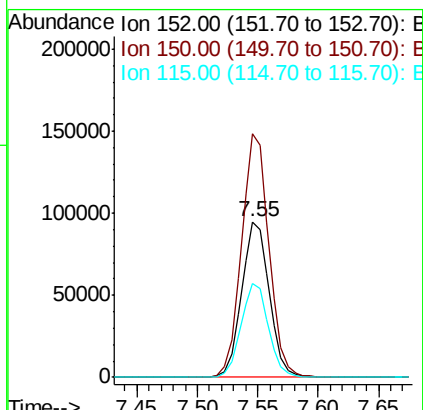
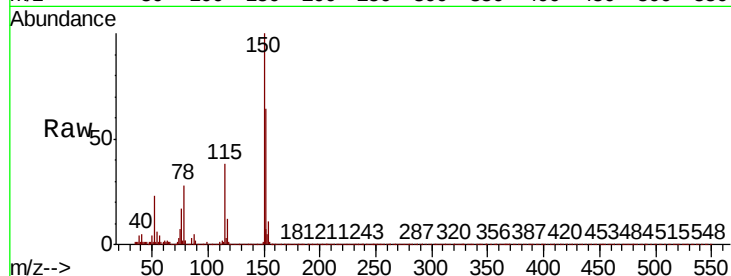


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.55 min Scan# 792
Delta R.T. -0.01 min
Lab File: BP002799.D
Acq: 20 Jul 2020 14:21

Instrument :
BNA_P
ClientSampleId :
TR-04-071620

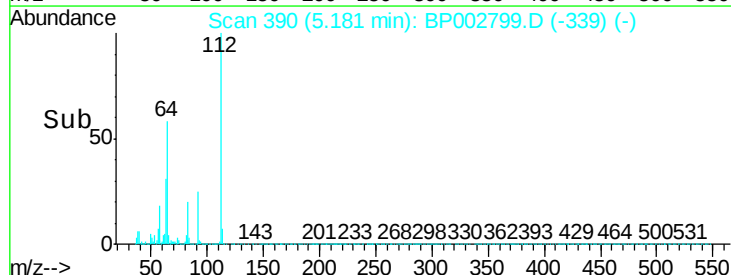
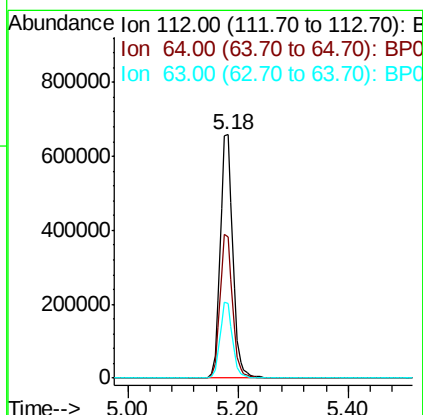
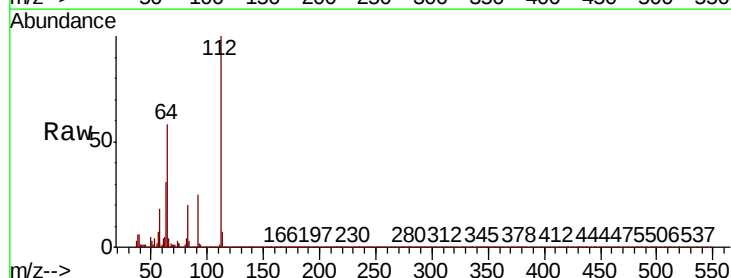
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.3	123.7	185.5
115	59.9	47.2	70.8

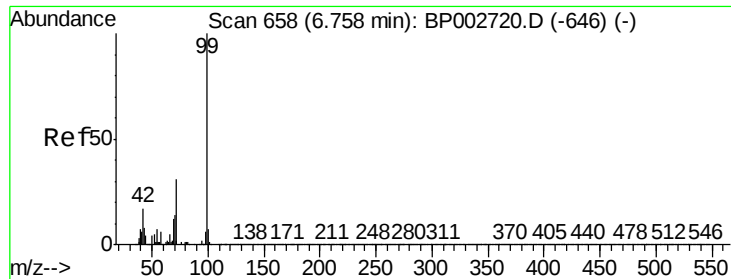


#5

2-Fluorophenol
Concen: 118.465 ng
RT: 5.18 min Scan# 390
Delta R.T. 0.00 min
Lab File: BP002799.D
Acq: 20 Jul 2020 14:21

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.1	45.6	68.4
63	30.7	23.5	35.3





#7

Phenol-d6

Concen: 100.153 ng

RT: 6.76 min Scan# 658

Delta R.T. 0.00 min

Lab File: BP002799.D

Acq: 20 Jul 2020 14:21

Instrument :

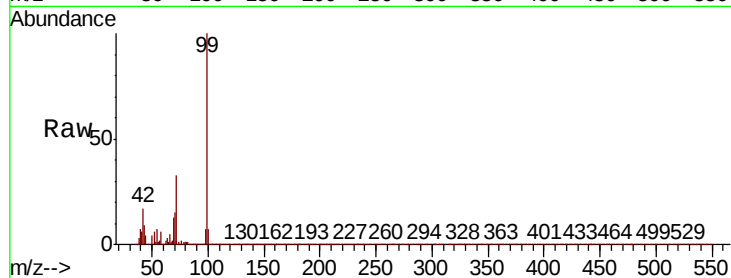
BNA_P

ClientSampleId :

TR-04-071620

Tot Ion: 99 Resp: 1279068

Ion	Ratio	Lower	Upper
99	100		
42	17.4	13.4	20.2
71	32.5	24.6	36.8

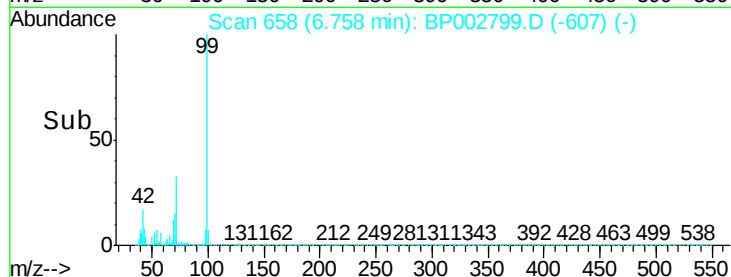


Abundance

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

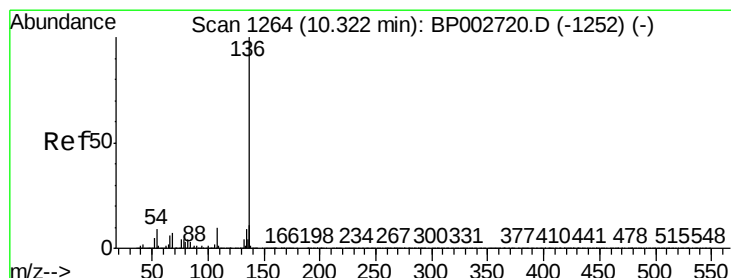


Abundance

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: 10.32 min Scan# 1264

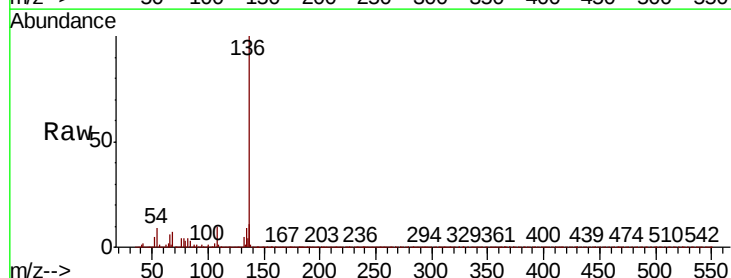
Delta R.T. -0.01 min

Lab File: BP002799.D

Acq: 20 Jul 2020 14:21

Tgt Ion: 136 Resp: 620629

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	8.6	6.9	10.3
68	7.3	5.7	8.5



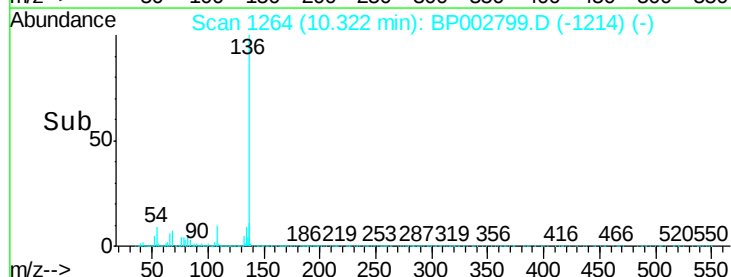
Abundance

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



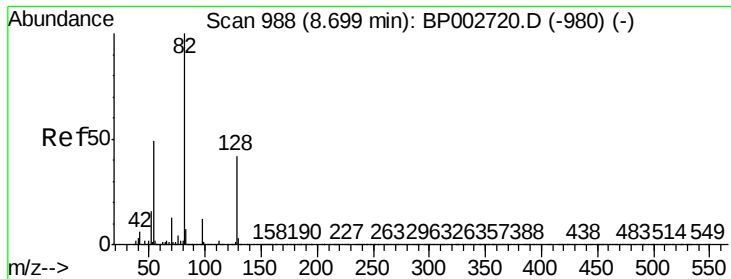
Abundance

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

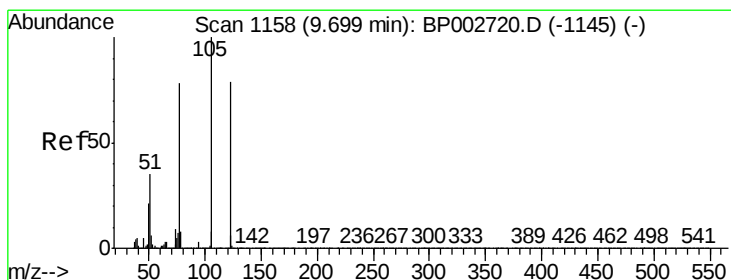
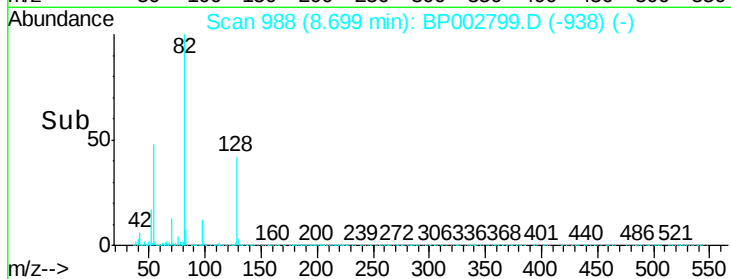
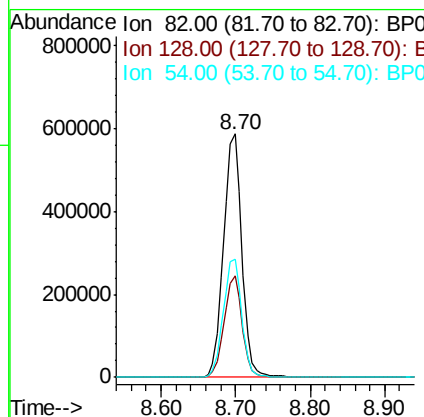
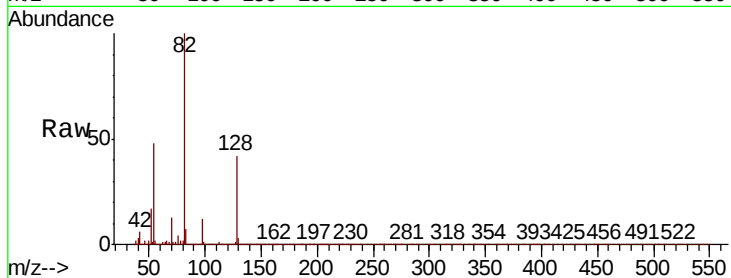
Ion 68.00 (67.70 to 68.70): BP0



#23
 Nitrobenzene-d5
 Concen: 86.756 ng
 RT: 8.70 min Scan# 988
 Delta R.T. -0.01 min
 Lab File: BP002799.D
 Acq: 20 Jul 2020 14:21

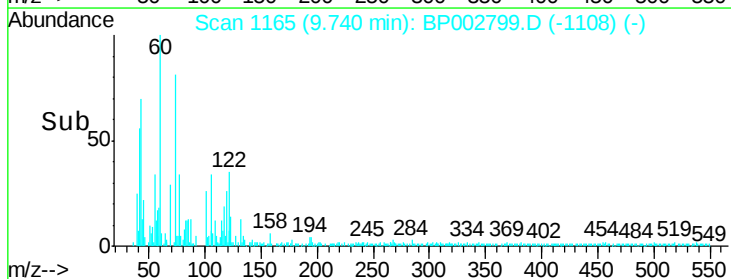
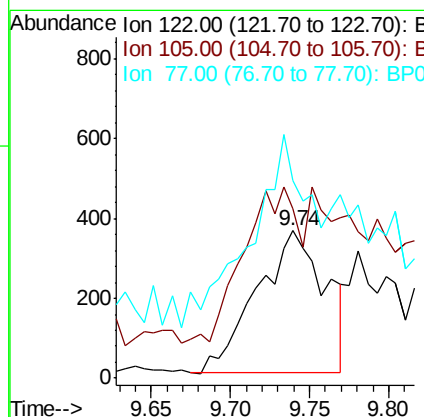
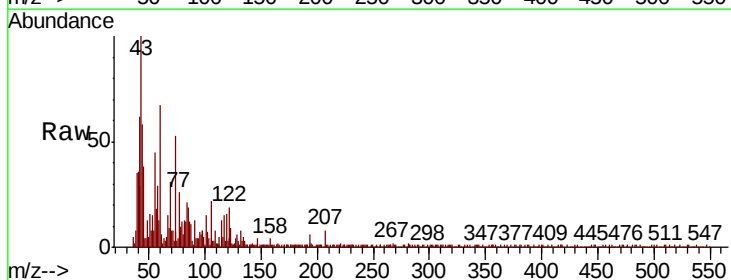
Instrument :
 BNA_P
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 TR-04-071620

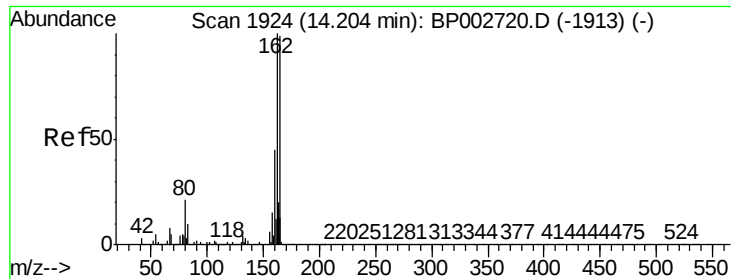
Tot Ion: 82 Resp: 1006730
 Ion Ratio Lower Upper
 82 100
 128 41.5 33.8 50.8
 54 48.3 38.8 58.2



#32
 Benzoic acid
 Concen: 7.196 ng
 RT: 9.74 min Scan# 1165
 Delta R.T. 0.04 min
 Lab File: BP002799.D
 Acq: 20 Jul 2020 14:21

Tgt Ion:122 Resp: 1070
 Ion Ratio Lower Upper
 122 100
 105 114.6 105.4 145.4
 77 134.4 78.5 118.5#

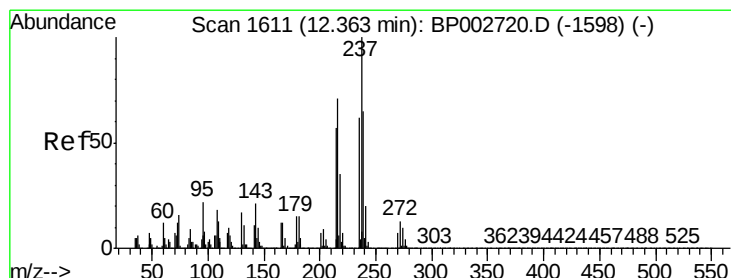
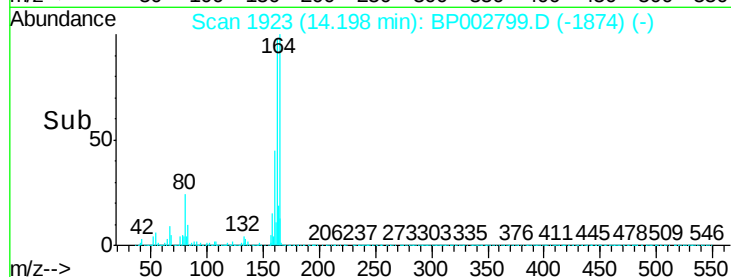
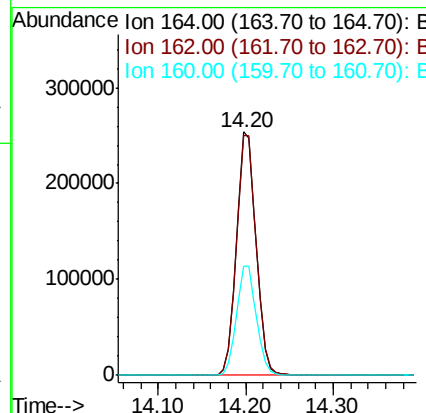
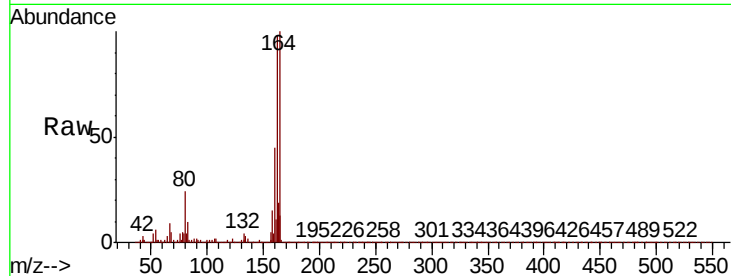




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.20 min Scan# 1923
Delta R.T. -0.01 min
Lab File: BP002799.D
Acq: 20 Jul 2020 14:21

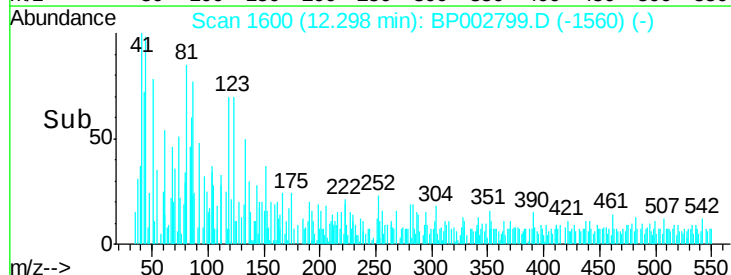
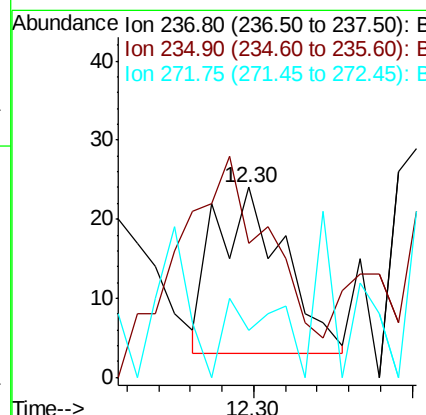
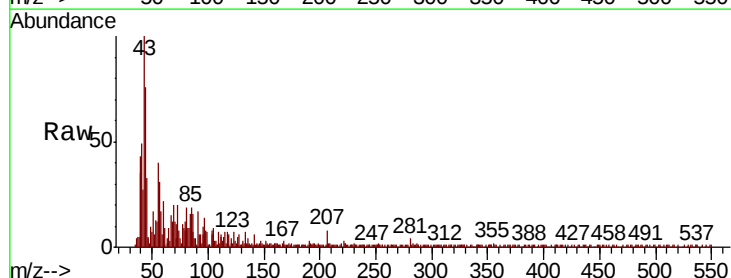
Instrument :
BNA_P
ClientSampleId :
TR-04-071620

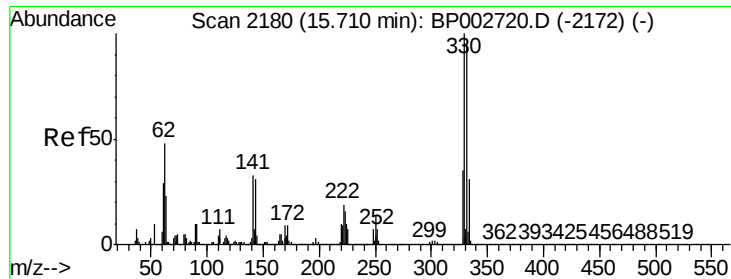
Tot Ion:164 Resp: 384553
Ion Ratio Lower Upper
164 100
162 98.5 80.6 121.0
160 44.7 36.4 54.6



#41
Hexachlorocyclopentadiene
Concen: 7.440 ng
RT: 12.30 min Scan# 1600
Delta R.T. -0.06 min
Lab File: BP002799.D
Acq: 20 Jul 2020 14:21

Tgt Ion:237 Resp: 31
Ion Ratio Lower Upper
237 100
235 70.8 42.3 82.3
272 25.0 0.0 32.5

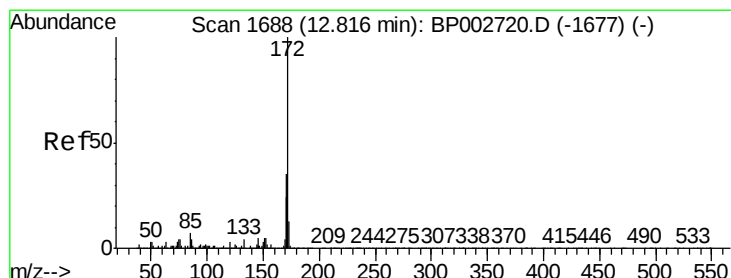
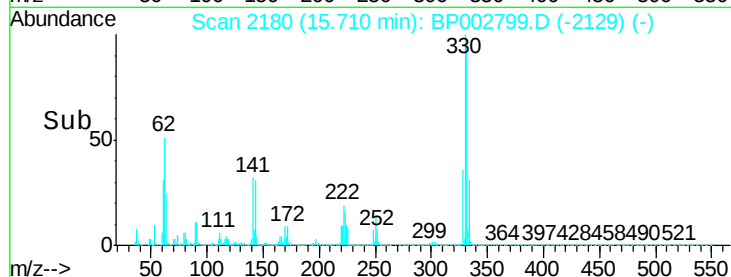
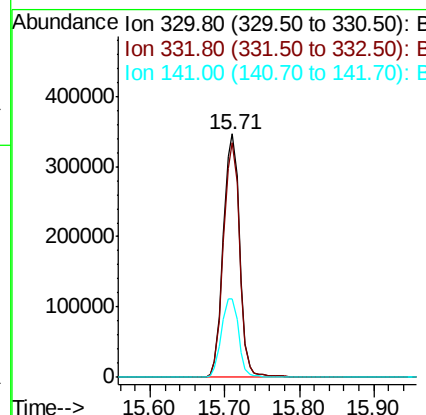
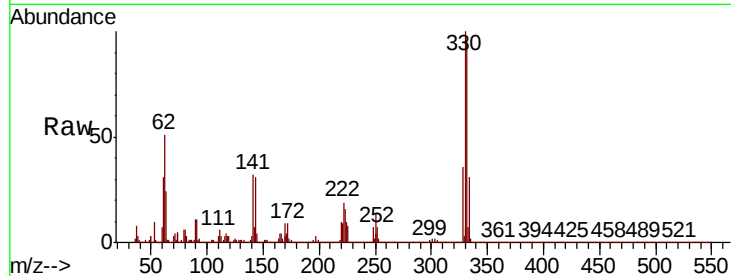




#42
 2,4,6-Tribromophenol
 Concen: 131.536 ng
 RT: 15.71 min Scan# 2180
 Delta R.T. 0.00 min
 Lab File: BP002799.D
 Acq: 20 Jul 2020 14:21

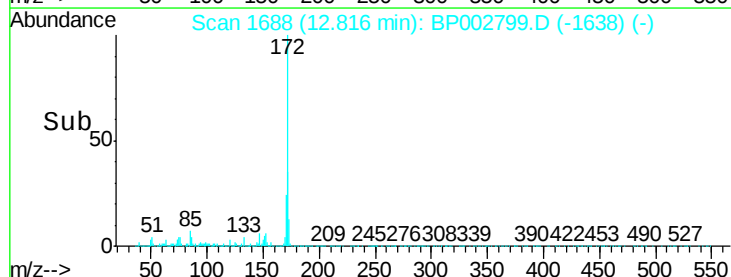
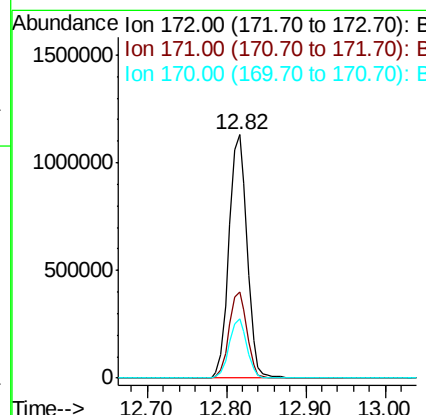
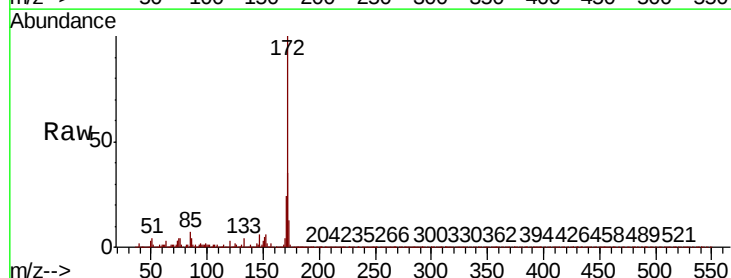
Instrument :
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 ClientSampleId :
 TR-04-071620

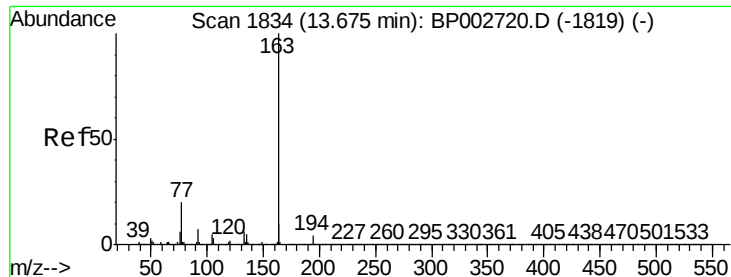
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	76.5	114.7
141	34.1	28.8	43.2



#45
 2-Fluorobiphenyl
 Concen: 71.918 ng
 RT: 12.82 min Scan# 1688
 Delta R.T. -0.01 min
 Lab File: BP002799.D
 Acq: 20 Jul 2020 14:21

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.1	42.1
170	24.4	19.3	28.9





#50

Dimethylphthalate

Concen: 5.835 ng

RT: 13.66 min Scan# 1832

Delta R.T. -0.01 min

Lab File: BP002799.D

Acq: 20 Jul 2020 14:21

Instrument :

BNA_P

ClientSampleId :

TR-04-071620

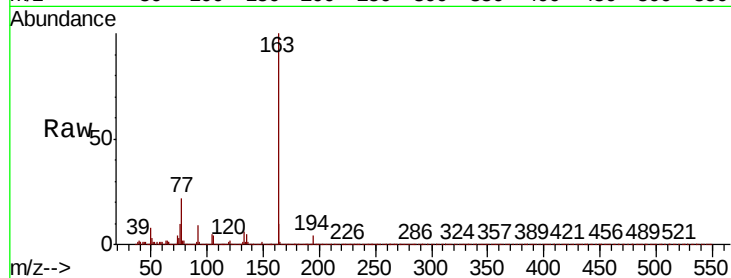
Tot Ion:163 Resp: 171140

Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.2

164 9.9 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

13.66

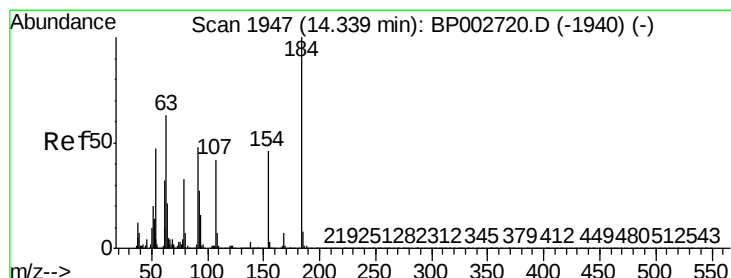
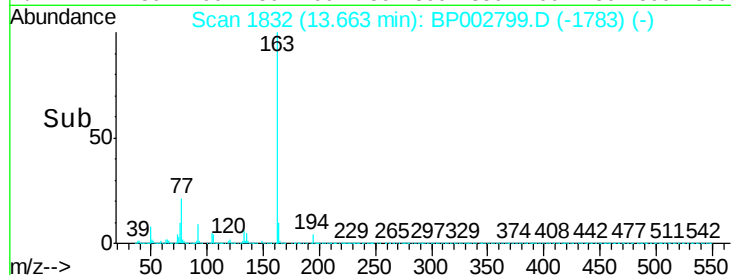
150000

100000

50000

0

Time-->



#54

2,4-Dinitrophenol

Concen: 11.379 ng

RT: 14.30 min Scan# 1941

Delta R.T. -0.04 min

Lab File: BP002799.D

Acq: 20 Jul 2020 14:21

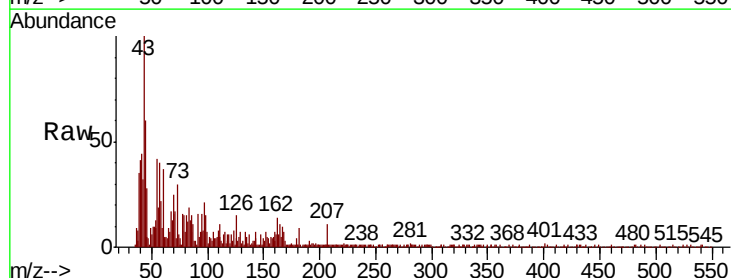
Tgt Ion:184 Resp: 22

Ion Ratio Lower Upper

184 100

63 306.5 51.6 77.4#

154 229.0 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

300

250

200

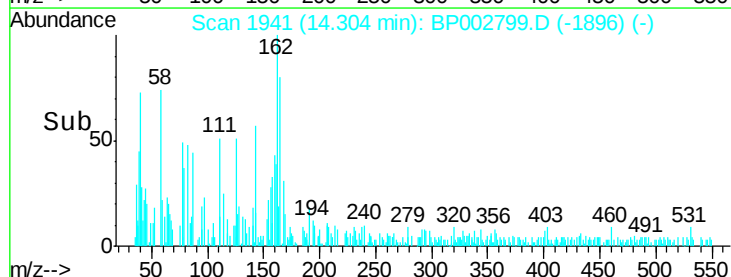
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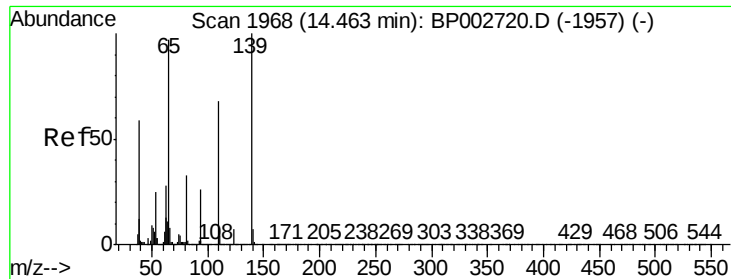
100

50

0

Time-->

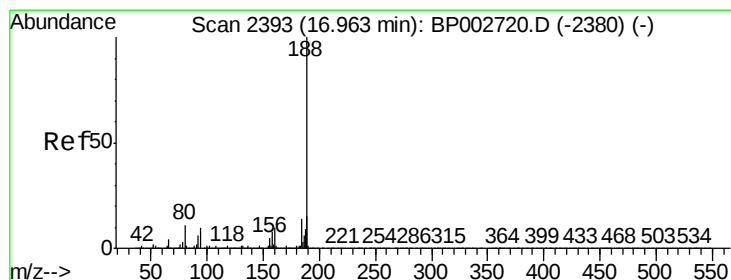
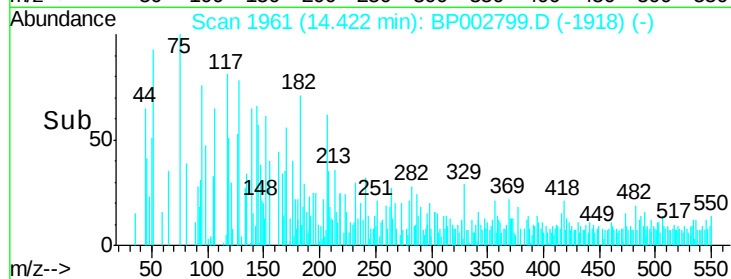
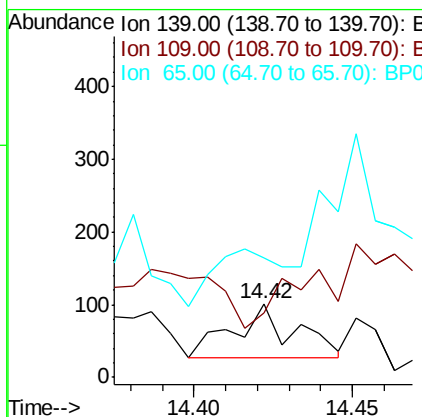
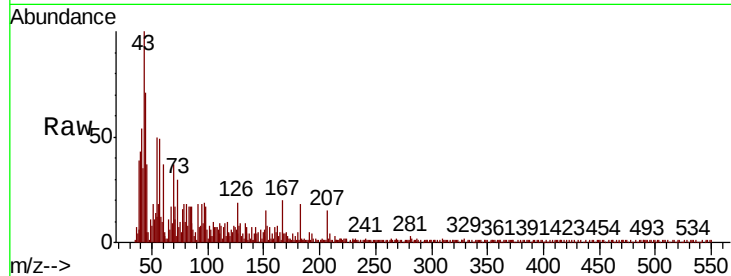




#56
4-Nitrophenol
Concen: 4.988 ng
RT: 14.42 min Scan# 1961
Delta R.T. -0.05 min
Lab File: BP002799.D
Acq: 20 Jul 2020 14:21

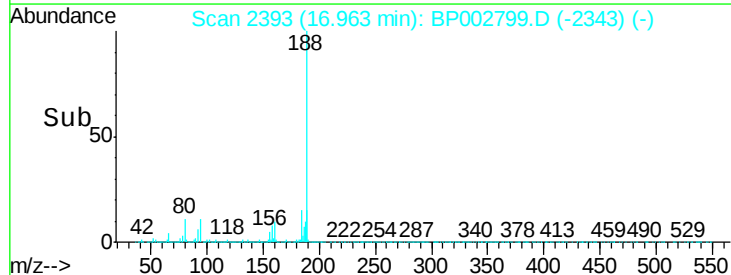
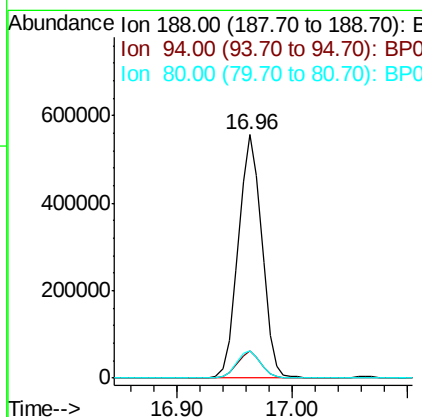
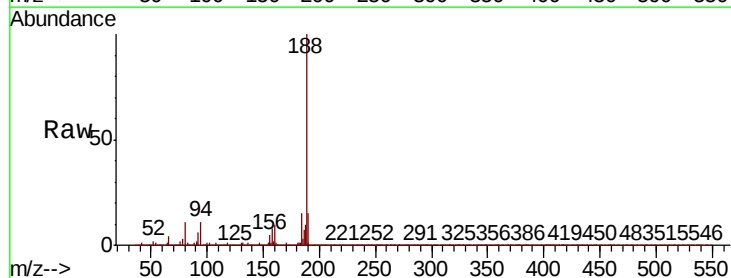
Instrument :
BNA_P
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TR-04-071620

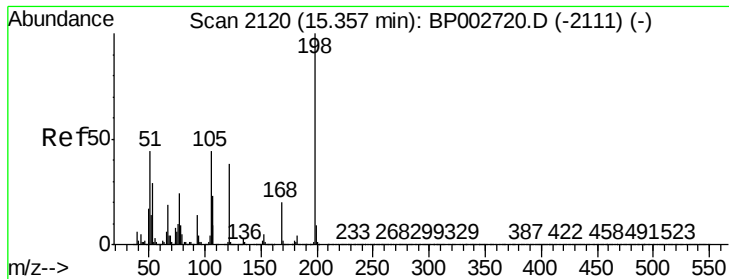
Tot Ion:139 Resp: 98
Ion Ratio Lower Upper
139 100
109 88.1 48.1 88.1#
65 162.4 77.9 117.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.96 min Scan# 2393
Delta R.T. -0.01 min
Lab File: BP002799.D
Acq: 20 Jul 2020 14:21

Tgt Ion:188 Resp: 790437
Ion Ratio Lower Upper
188 100
94 11.2 8.1 12.1
80 11.4 8.9 13.3

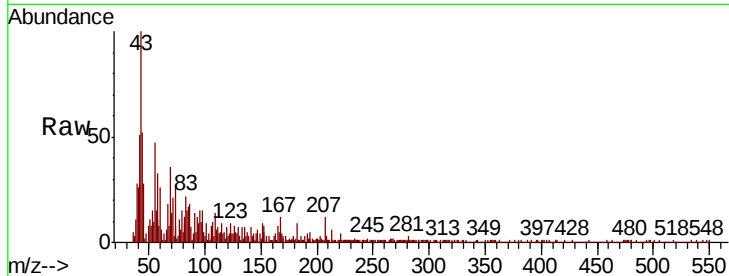




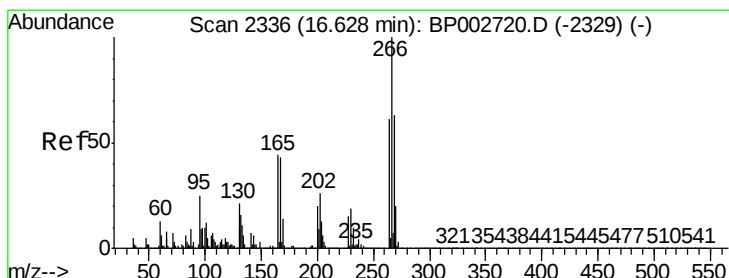
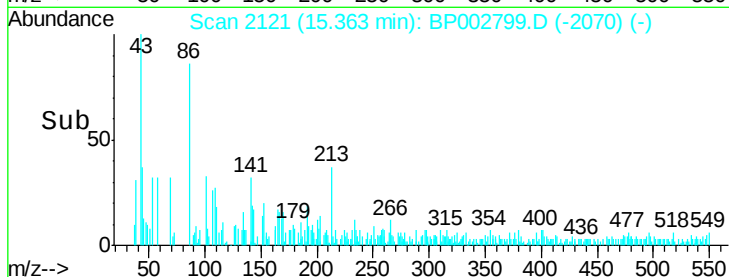
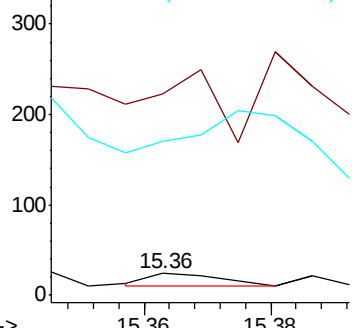
#65
4,6-Dinitro-2-methylphenol
Concen: 5.269 ng
RT: 15.36 min Scan# 2121
Delta R.T. 0.00 min
Lab File: BP002799.D
Acq: 20 Jul 2020 14:21

Instrument :
BNA_P
ClientSampleId :
TR-04-071620

Tot Ion:198 Resp: 11
Ion Ratio Lower Upper
198 100
51 929.2 27.1 67.1#
105 712.5 24.9 64.9#

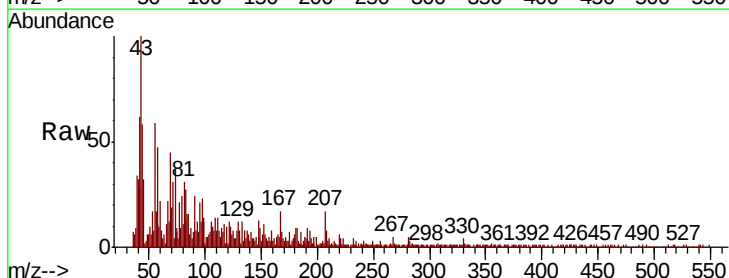


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BP
Ion 105.00 (104.70 to 105.70): E

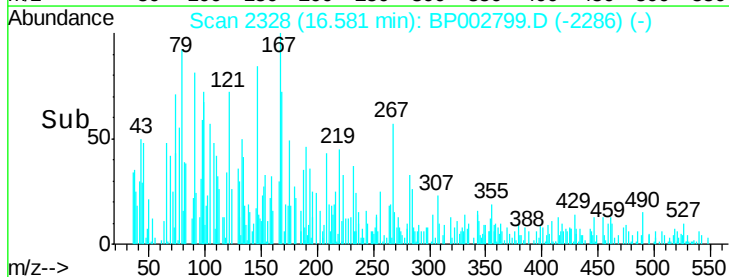
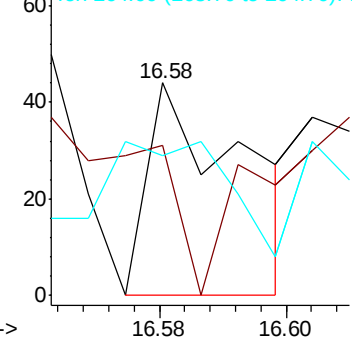


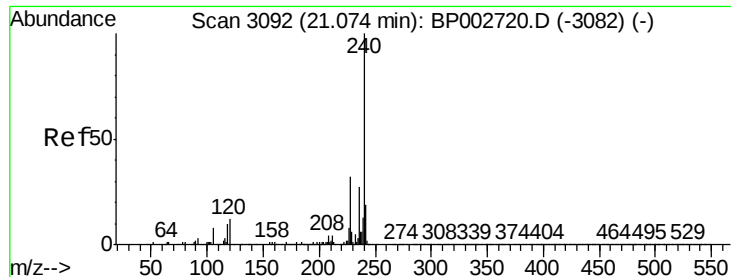
#70
Pentachlorophenol
Concen: 7.451 ng
RT: 16.58 min Scan# 2328
Delta R.T. -0.05 min
Lab File: BP002799.D
Acq: 20 Jul 2020 14:21

Tgt Ion:266 Resp: 45
Ion Ratio Lower Upper
266 100
268 70.5 50.6 75.8
264 65.9 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

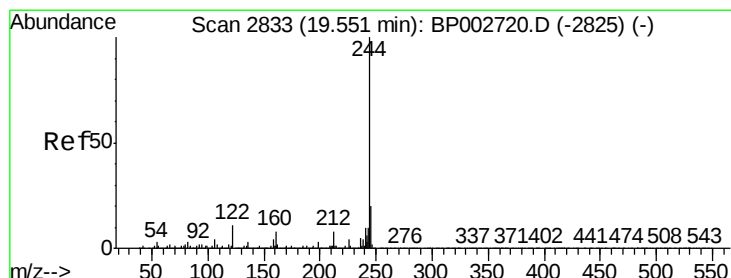
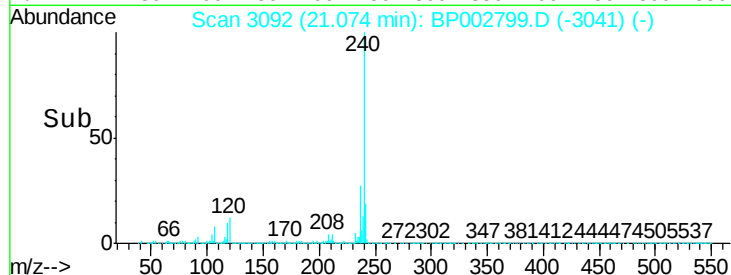
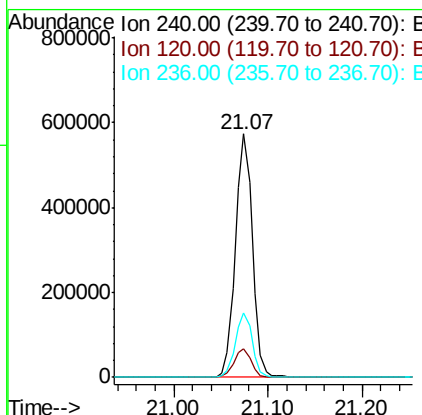
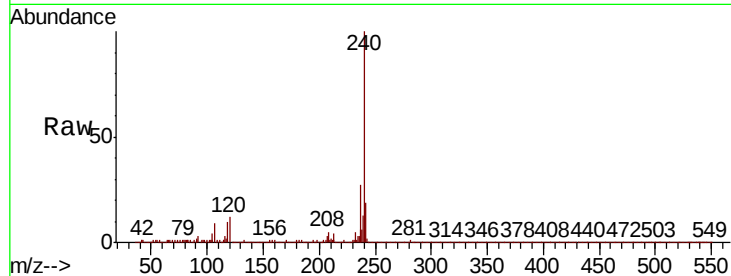




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.07 min Scan# 3092
Delta R.T. 0.00 min
Lab File: BP002799.D
Acq: 20 Jul 2020 14:21

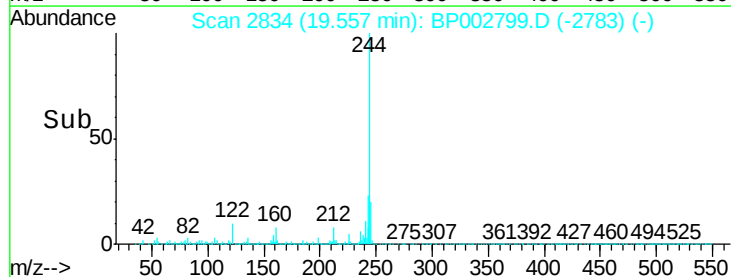
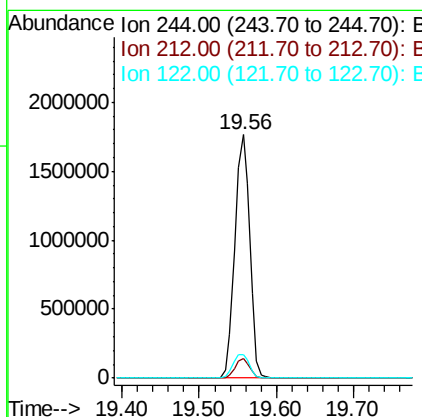
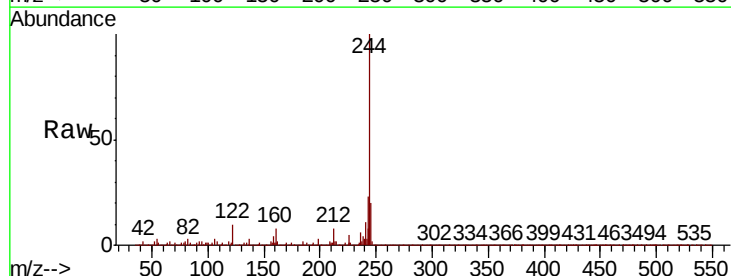
Instrument :
BNA_P
ClientSampleId :
TR-04-071620

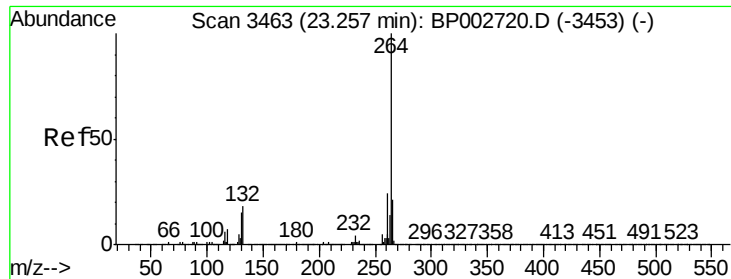
Tot Ion:240 Resp: 719348
Ion Ratio Lower Upper
240 100
120 11.6 9.4 14.2
236 26.6 21.3 31.9



#79
Terphenyl-d14
Concen: 76.611 ng
RT: 19.56 min Scan# 2834
Delta R.T. 0.00 min
Lab File: BP002799.D
Acq: 20 Jul 2020 14:21

Tgt Ion:244 Resp: 2403699
Ion Ratio Lower Upper
244 100
212 8.2 6.0 9.0
122 9.9 8.9 13.3





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 23.26 min Scan# 3464
 Delta R.T. 0.00 min
 Lab File: BP002799.D
 Acq: 20 Jul 2020 14:21

Instrument :
 BNA_P
 ClientSampleId :
 TR-04-071620

Tot Ion:	264	Resp:	616087
Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.3	28.9
265	21.6	16.8	25.2

