

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP072420\
 Data File : BP002854.D
 Acq On : 24 Jul 2020 15:25
 Operator : CG/JU
 Sample : L3412-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DUCK-BANK

Quant Time: Jul 24 15:53:58 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

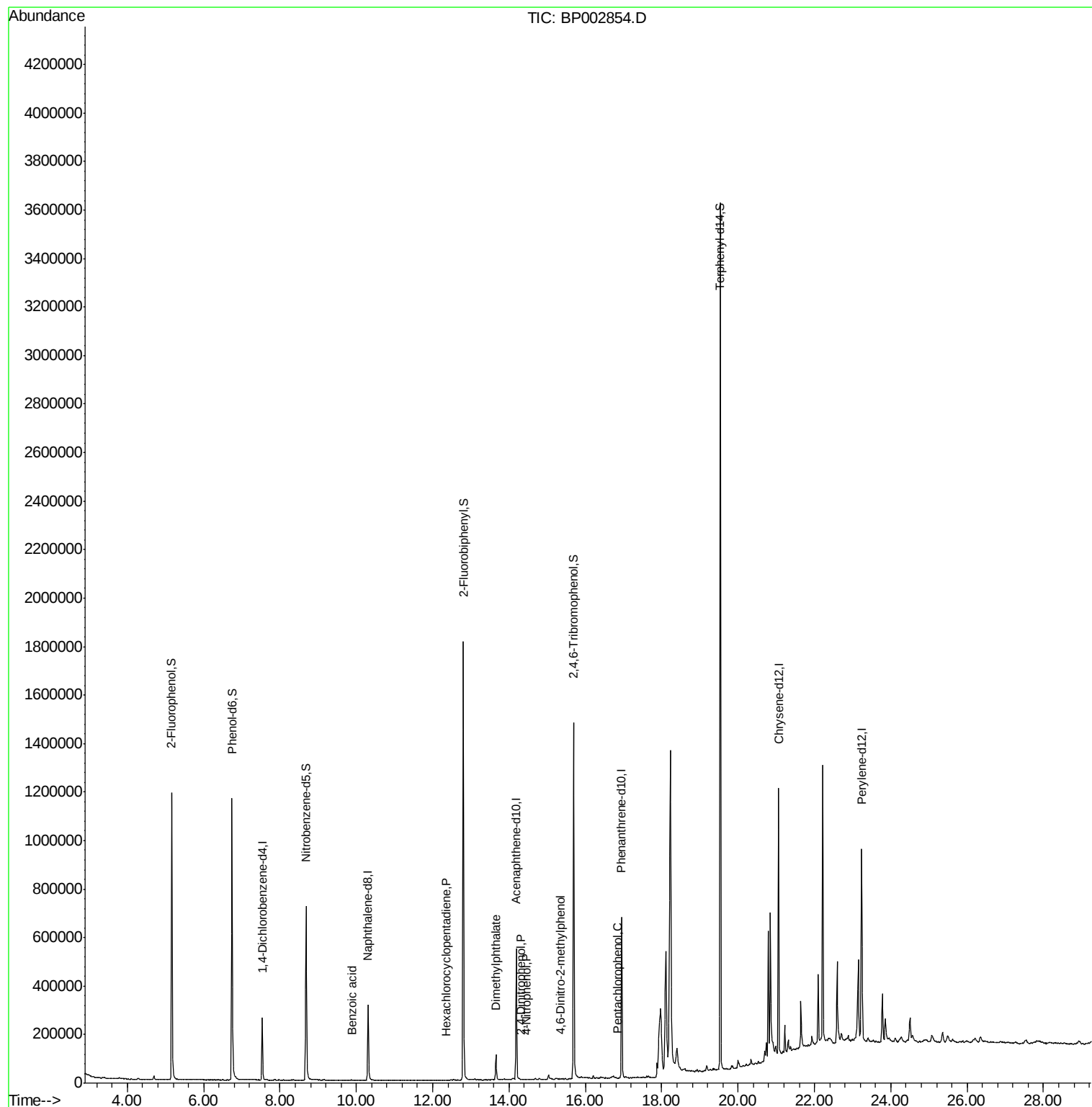
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	68769	20.00	ng	-0.02
21) Naphthalene-d8	10.30	136	276973	20.00	ng	-0.02
39) Acenaphthene-d10	14.19	164	180812	20.00	ng	-0.02
64) Phenanthrene-d10	16.95	188	423809	20.00	ng	-0.02
76) Chrysene-d12	21.06	240	488537	20.00	ng	-0.02
86) Perylene-d12	23.23	264	555029	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	563264	138.19	ng	-0.02
7) Phenol-d6	6.74	99	755926	129.95	ng	-0.02
23) Nitrobenzene-d5	8.68	82	453832	87.64	ng	-0.02
42) 2,4,6-Tribromophenol	15.69	330	272172	144.21	ng	-0.02
45) 2-Fluorobiphenyl	12.80	172	978431	83.71	ng	-0.02
79) Terphenyl-d14	19.53	244	1572224	73.79	ng	-0.02
Target Compounds						
32) Benzoic acid	9.88	122	160	7.107	ng	97
41) Hexachlorocyclopentadiene	12.35	237	23	7.443	ng	90
50) Dimethylphthalate	13.66	163	77124	5.593	ng	99
54) 2,4-Dinitrophenol	14.31	184	11	11.380	ng	# 1
56) 4-Nitrophenol	14.44	139	29	4.982	ng	# 1
65) 4,6-Dinitro-2-methylphenol	15.35	198	15	5.272	ng	# 1
70) Pentachlorophenol	16.84	266	25	7.451	ng	89

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

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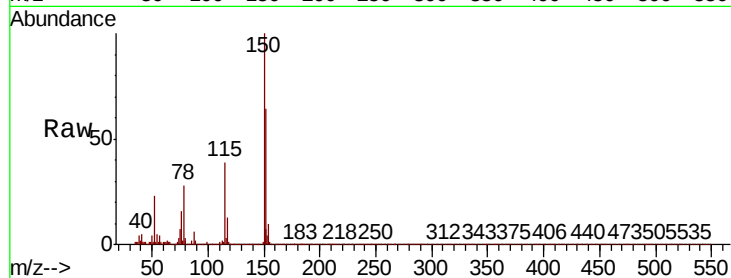


#1

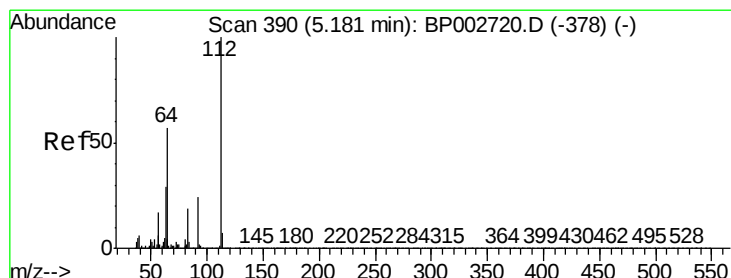
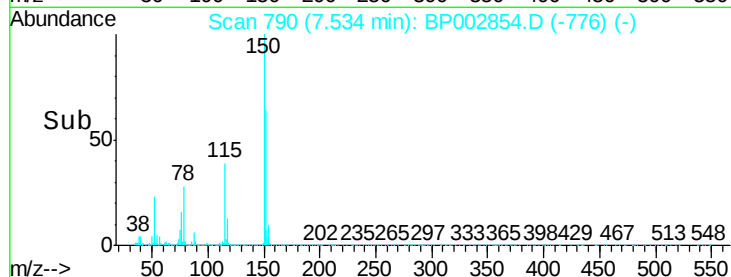
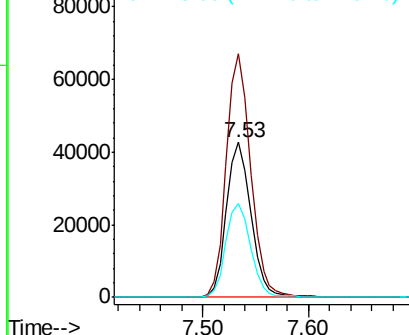
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.53 min Scan# 790
Delta R.T. -0.02 min
Lab File: BP002854.D
Acq: 24 Jul 2020 15:25

Instrument :
BNA_P
ClientSampleId :
DUCK-BANK

Tot Ion:152 Resp: 68769
Ion Ratio Lower Upper
152 100
150 156.9 123.7 185.5
115 60.9 47.2 70.8



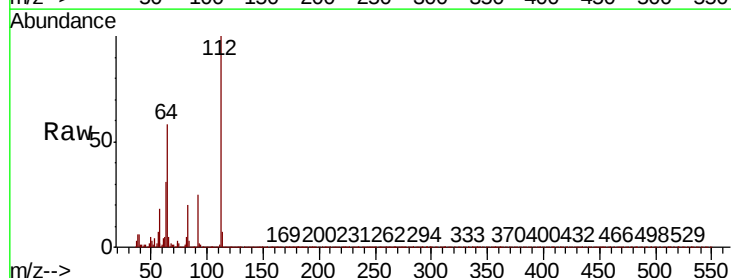
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



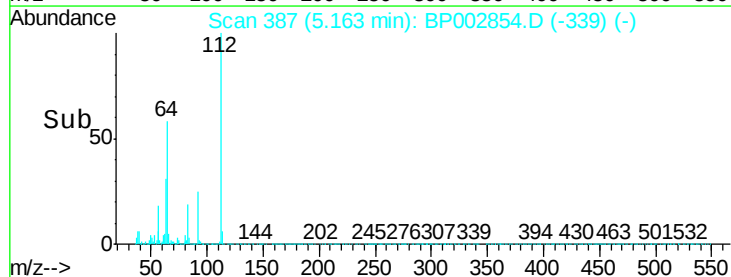
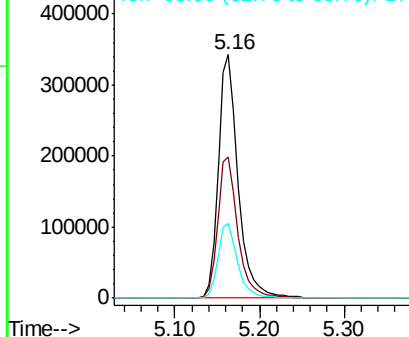
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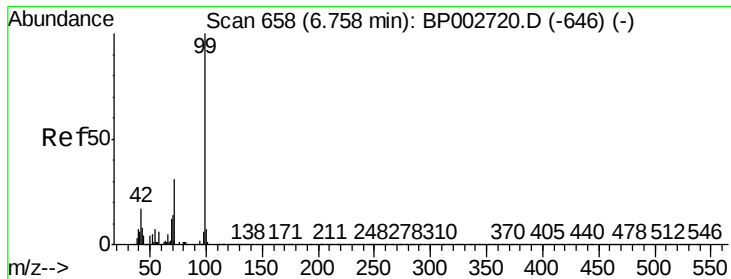
2-Fluorophenol
Concen: 138.192 ng
RT: 5.16 min Scan# 387
Delta R.T. -0.02 min
Lab File: BP002854.D
Acq: 24 Jul 2020 15:25

Tgt Ion:112 Resp: 563264
Ion Ratio Lower Upper
112 100
64 58.1 45.6 68.4
63 30.7 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: 129.950 ng

RT: 6.74 min Scan# 655

Delta R.T. -0.02 min

Lab File: BP002854.D

Acq: 24 Jul 2020 15:25

Instrument :

BNA_P

ClientSampleId :

DUCK-BANK

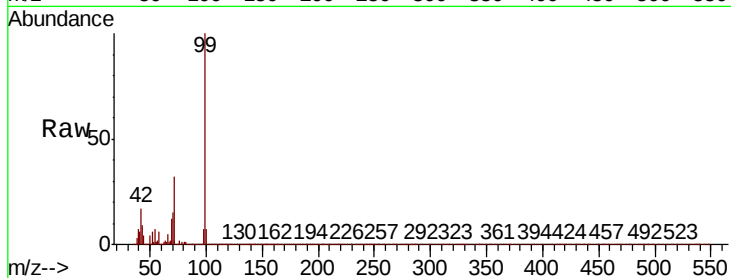
Tot Ion: 99 Resp: 755926

Ion Ratio Lower Upper

99 100

42 17.4 13.4 20.2

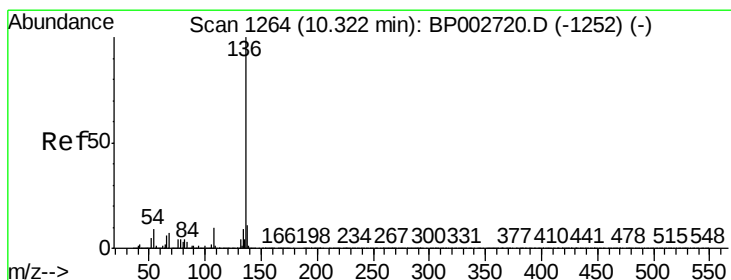
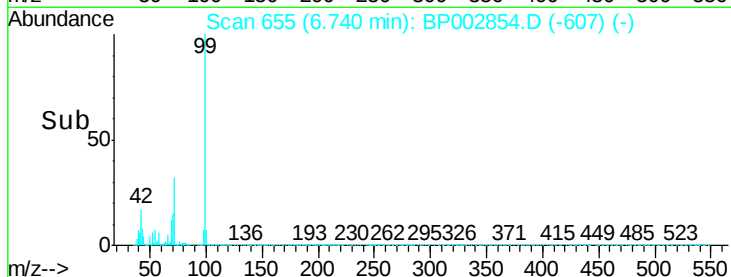
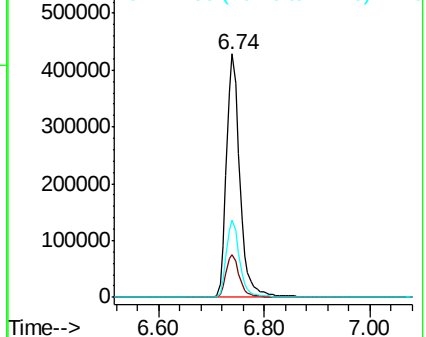
71 31.9 24.6 36.8



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: 10.30 min Scan# 1261

Delta R.T. -0.02 min

Lab File: BP002854.D

Acq: 24 Jul 2020 15:25

Tgt Ion: 136 Resp: 276973

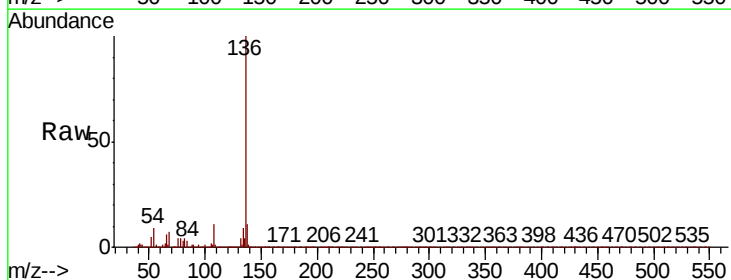
Ion Ratio Lower Upper

136 100

137 10.9 8.6 13.0

54 9.2 6.9 10.3

68 7.4 5.7 8.5

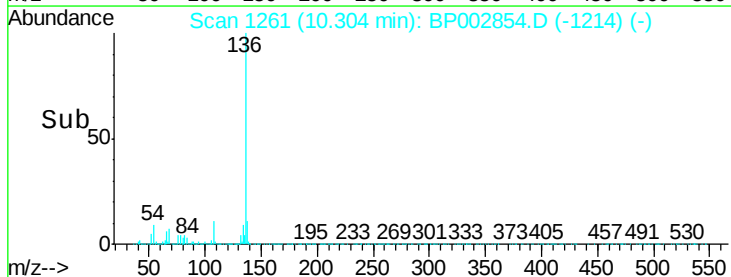
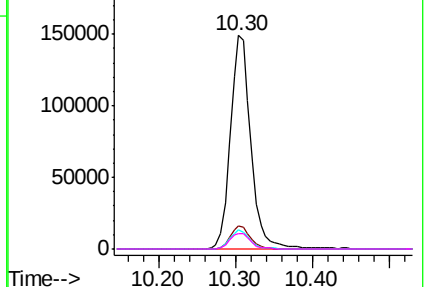


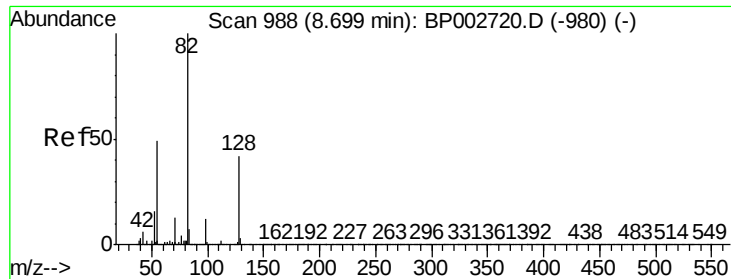
Abundance Ion 136.00 (135.70 to 136.70): E

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

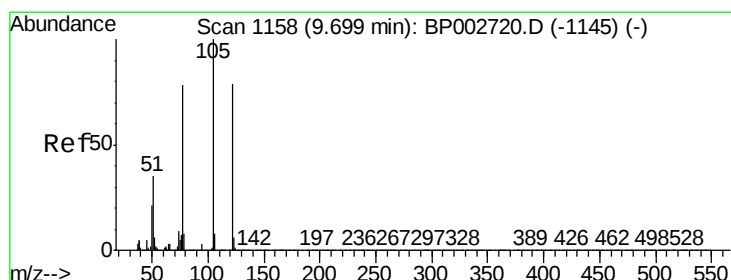
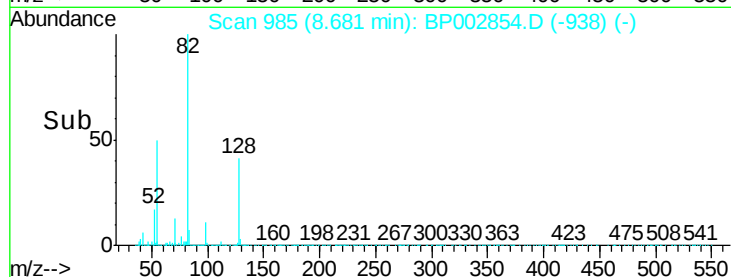
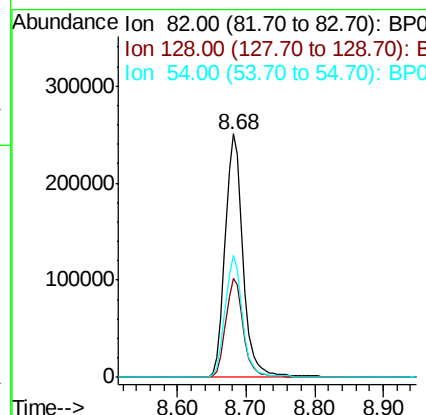
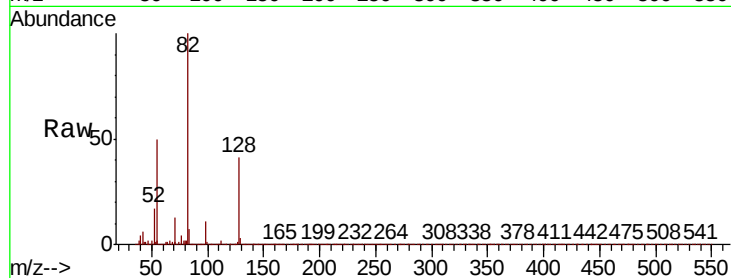




#23
 Nitrobenzene-d5
 Concen: 87.635 ng
 RT: 8.68 min Scan# 985
 Delta R.T. -0.02 min
 Lab File: BP002854.D
 Acq: 24 Jul 2020 15:25

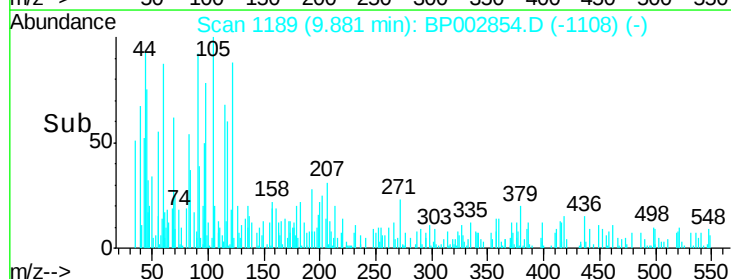
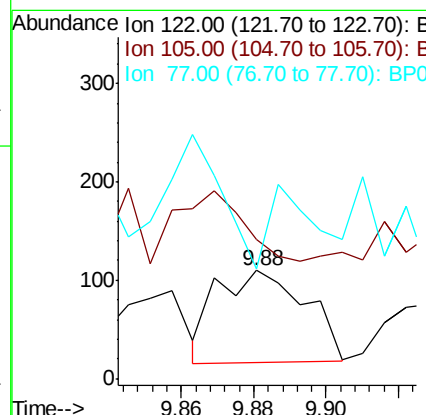
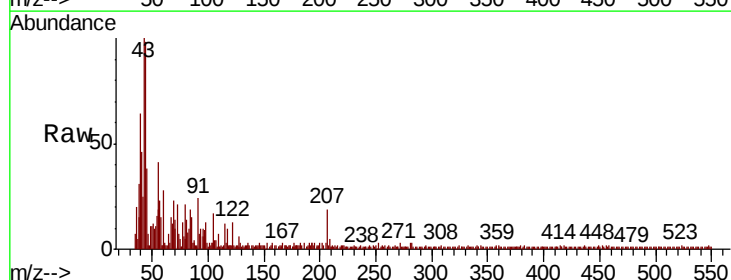
Instrument :
 BNA_P
 ClientSampleId :
 DUCK-BANK

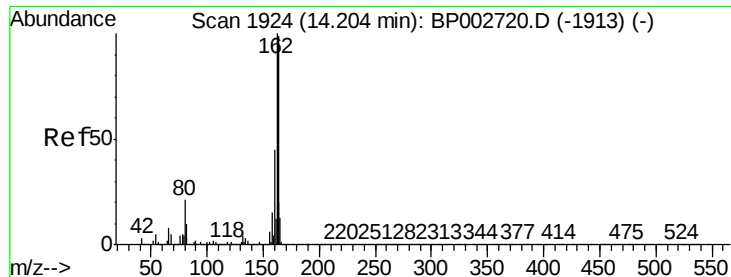
Tot Ion	82	Resp	453832
Ion Ratio	Lower	Upper	
82	100		
128	40.8	33.8	50.8
54	49.9	38.8	58.2



#32
 Benzoic acid
 Concen: 7.107 ng
 RT: 9.88 min Scan# 1189
 Delta R.T. 0.18 min
 Lab File: BP002854.D
 Acq: 24 Jul 2020 15:25

Tgt Ion	122	Resp	160
Ion Ratio	Lower	Upper	
122	100		
105	128.2	105.4	145.4
77	101.8	78.5	118.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.19 min Scan# 1921

Delta R.T. -0.02 min

Lab File: BP002854.D

Acq: 24 Jul 2020 15:25

Instrument :

BNA_P

ClientSampleId :

DUCK-BANK

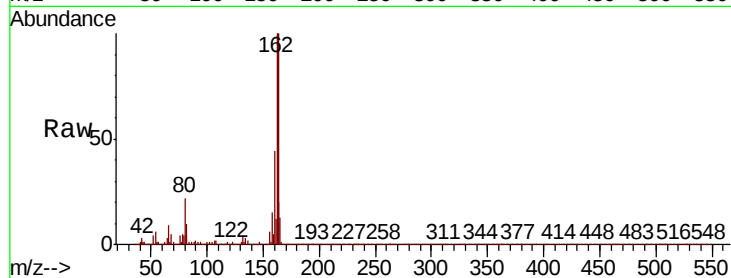
Tot Ion:164 Resp: 180812

Ion Ratio Lower Upper

164 100

162 99.8 80.6 121.0

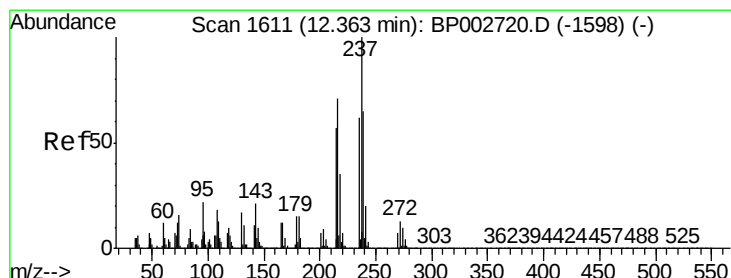
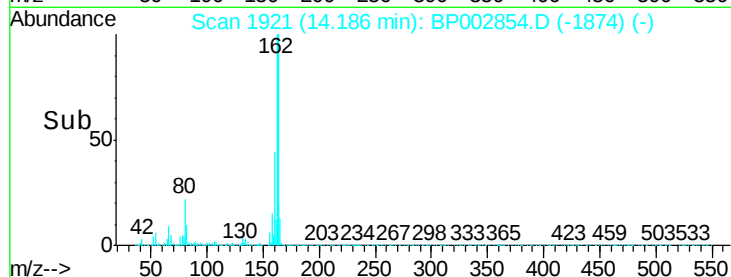
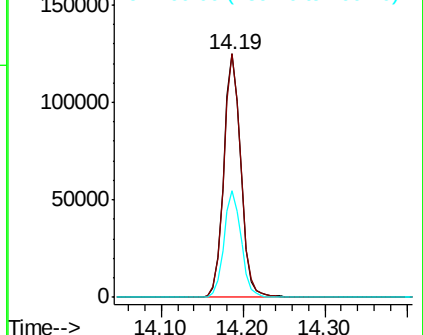
160 43.6 36.4 54.6



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: 7.443 ng

RT: 12.35 min Scan# 1608

Delta R.T. -0.02 min

Lab File: BP002854.D

Acq: 24 Jul 2020 15:25

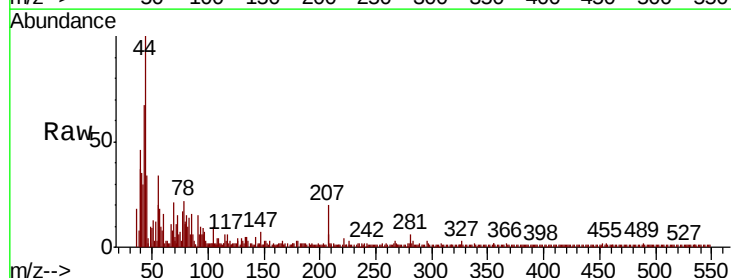
Tgt Ion:237 Resp: 23

Ion Ratio Lower Upper

237 100

235 66.7 42.3 82.3

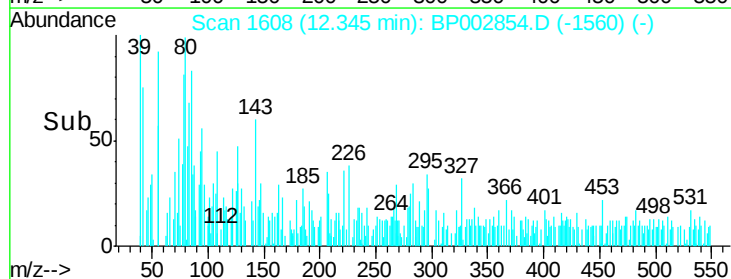
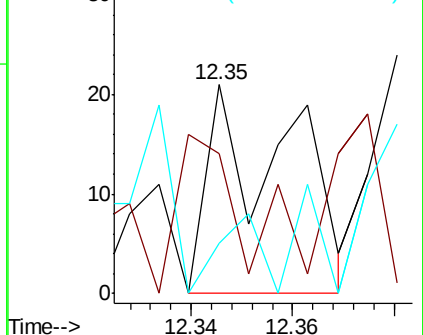
272 23.8 0.0 32.5

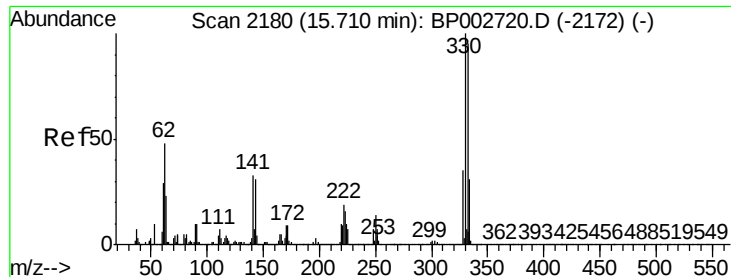


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

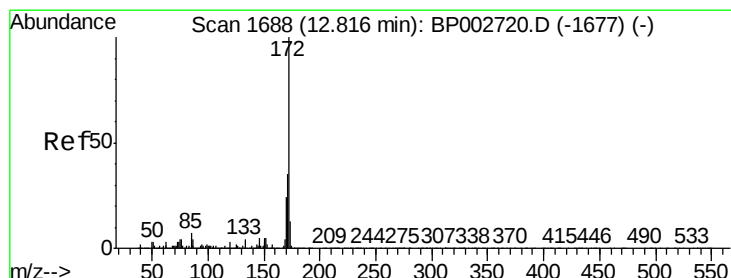
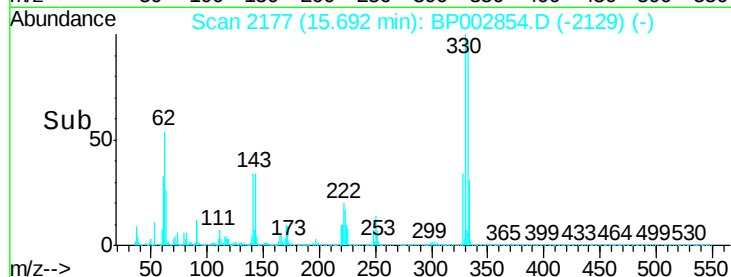
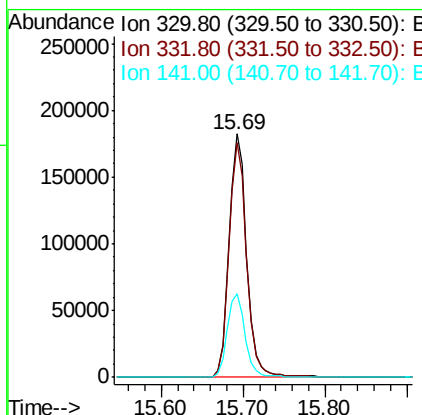
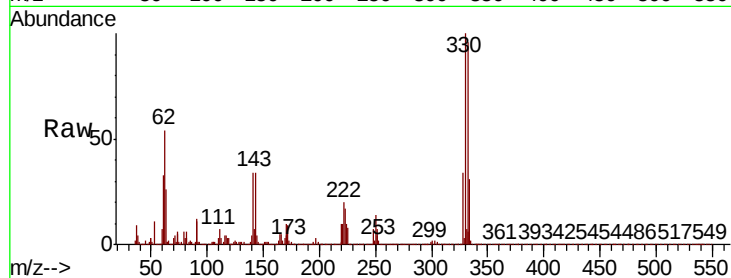




#42
 2,4,6-Tribromophenol
 Concen: 144.206 ng
 RT: 15.69 min Scan# 2177
 Delta R.T. -0.02 min
 Lab File: BP002854.D
 Acq: 24 Jul 2020 15:25

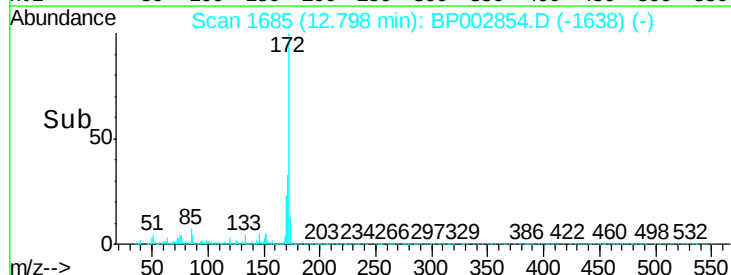
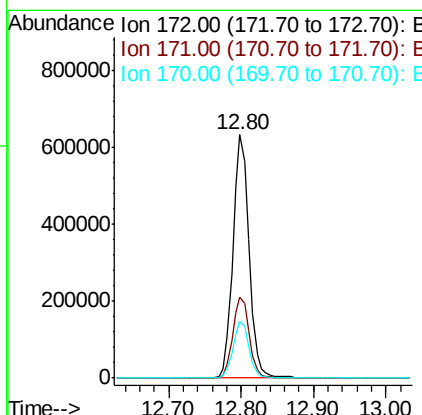
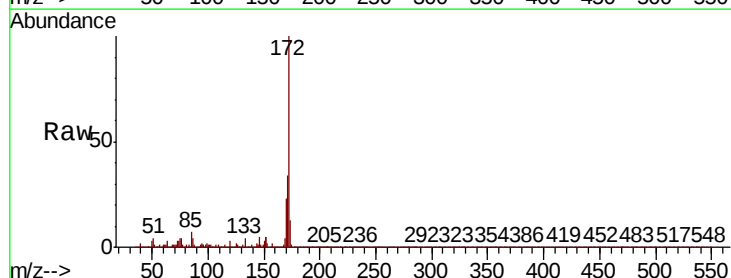
Instrument :
 BNA_P
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 DUCK-BANK

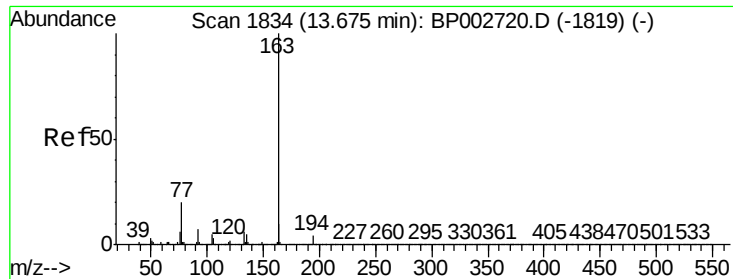
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	76.5	114.7
141	35.3	28.8	43.2



#45
 2-Fluorobiphenyl
 Concen: 83.712 ng
 RT: 12.80 min Scan# 1685
 Delta R.T. -0.02 min
 Lab File: BP002854.D
 Acq: 24 Jul 2020 15:25

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.5	28.1	42.1
170	23.2	19.3	28.9

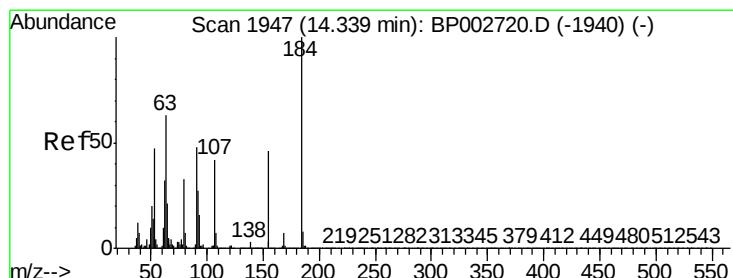
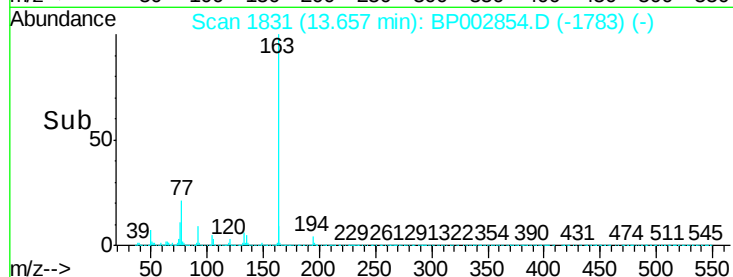
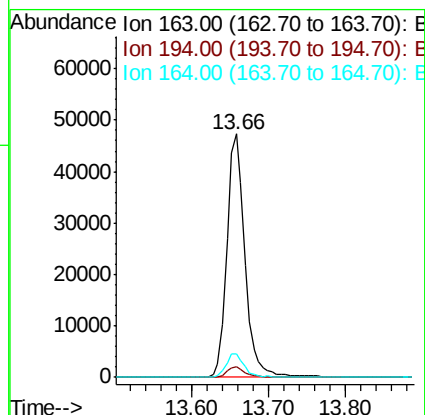
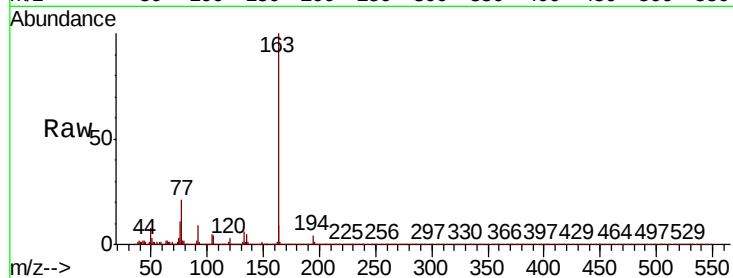




#50
Dimethylphthalate
Concen: 5.593 ng
RT: 13.66 min Scan# 1831
Delta R.T. -0.02 min
Lab File: BP002854.D
Acq: 24 Jul 2020 15:25

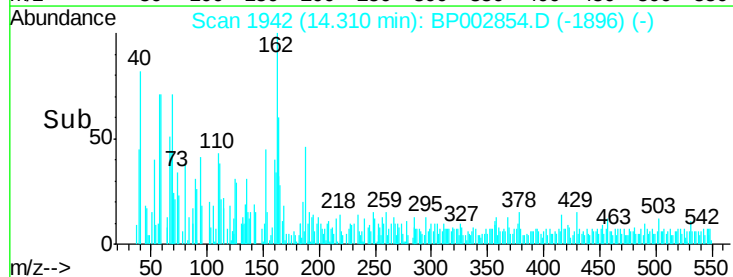
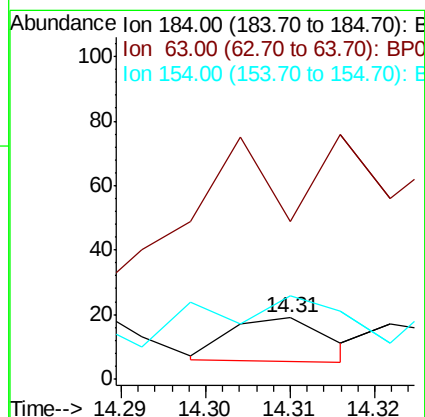
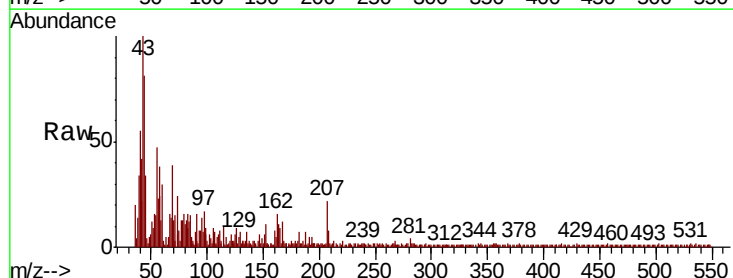
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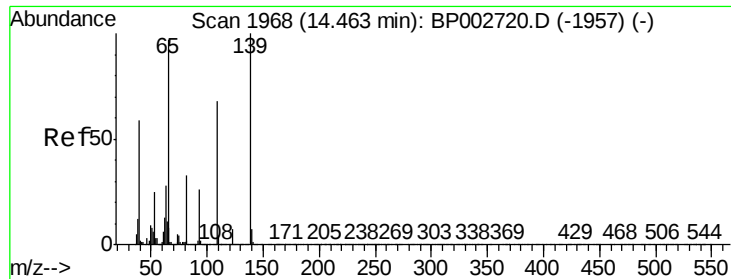
Tot Ion:163 Resp: 77124
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.2
164 9.5 7.8 11.8



#54
2,4-Dinitrophenol
Concen: 11.380 ng
RT: 14.31 min Scan# 1942
Delta R.T. -0.03 min
Lab File: BP002854.D
Acq: 24 Jul 2020 15:25

Tgt Ion:184 Resp: 11
Ion Ratio Lower Upper
184 100
63 257.9 51.6 77.4#
154 136.8 45.0 67.6#

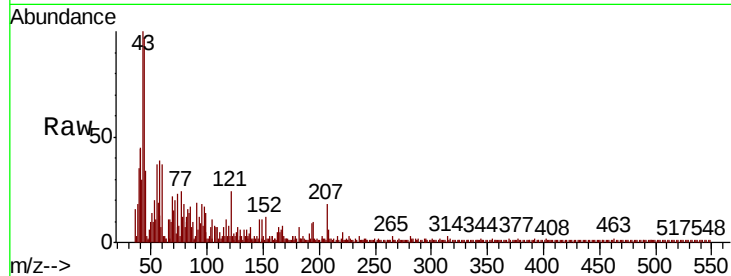




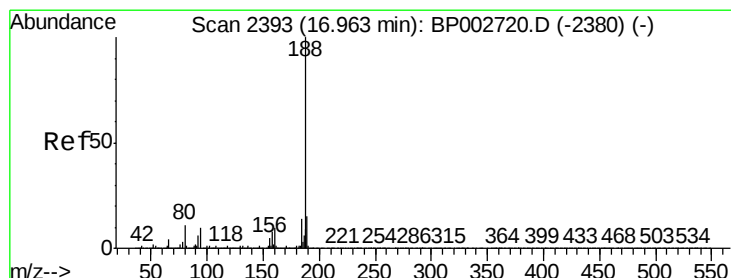
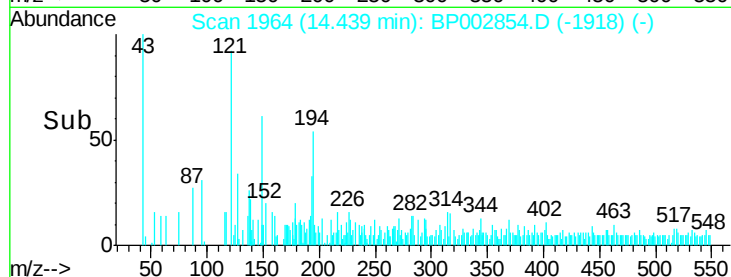
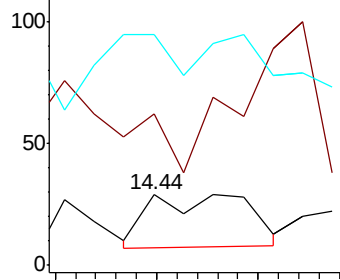
#56
4-Nitrophenol
Concen: 4.982 ng
RT: 14.44 min Scan# 1964
Delta R.T. -0.03 min
Lab File: BP002854.D
Acq: 24 Jul 2020 15:25

Instrument :
BNA_P
ClientSampleId :
DUCK-BANK

Tot Ion:139 Resp: 29
Ion Ratio Lower Upper
139 100
109 213.8 48.1 88.1#
65 327.6 77.9 117.9#

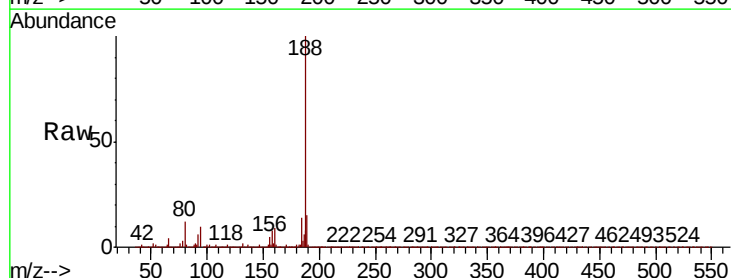


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BP0

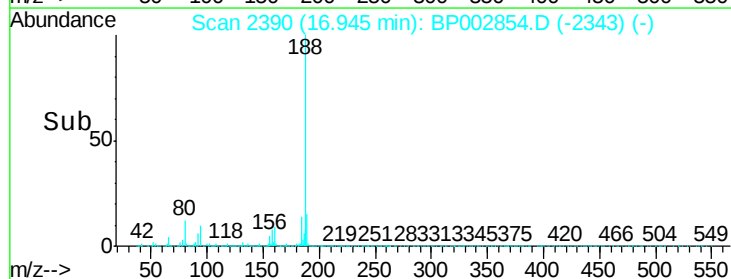
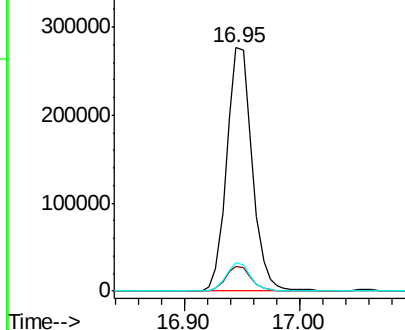


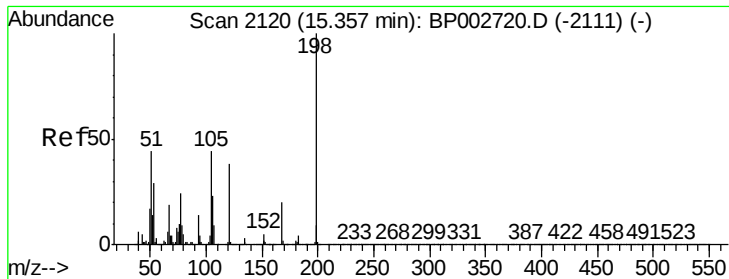
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.95 min Scan# 2390
Delta R.T. -0.02 min
Lab File: BP002854.D
Acq: 24 Jul 2020 15:25

Tgt Ion:188 Resp: 423809
Ion Ratio Lower Upper
188 100
94 10.4 8.1 12.1
80 11.5 8.9 13.3



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BP0
Ion 80.00 (79.70 to 80.70): BP0

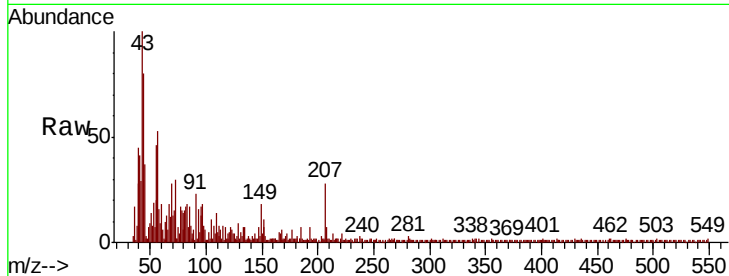




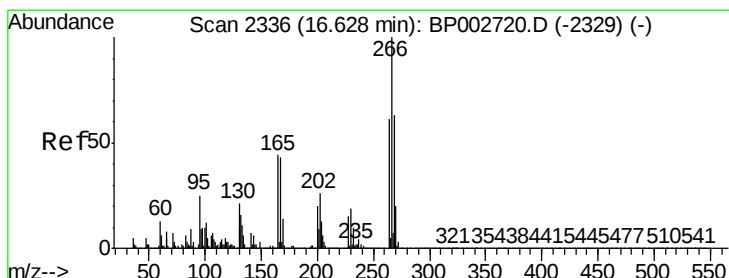
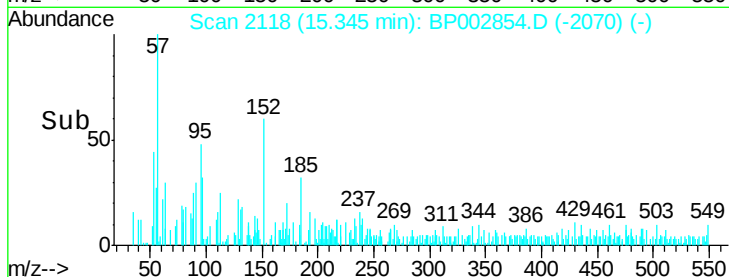
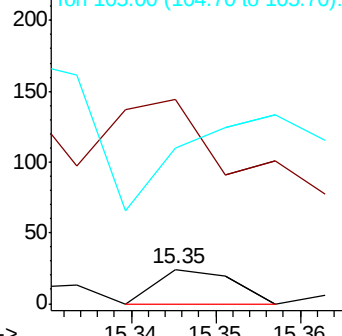
#65
4,6-Dinitro-2-methylphenol
Concen: 5.272 ng
RT: 15.35 min Scan# 2118
Delta R.T. -0.02 min
Lab File: BP002854.D
Acq: 24 Jul 2020 15:25

Instrument :
BNA_P
ClientSampleId :
DUCK-BANK

Tot Ion:198 Resp: 15
Ion Ratio Lower Upper
198 100
51 600.0 27.1 67.1#
105 458.3 24.9 64.9#

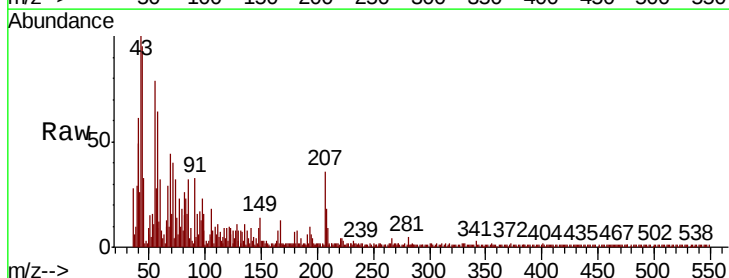


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BP0
Ion 105.00 (104.70 to 105.70): E

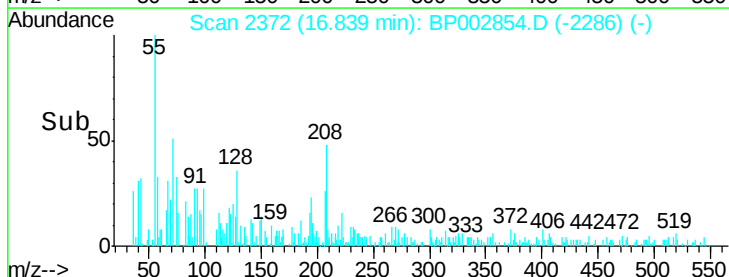
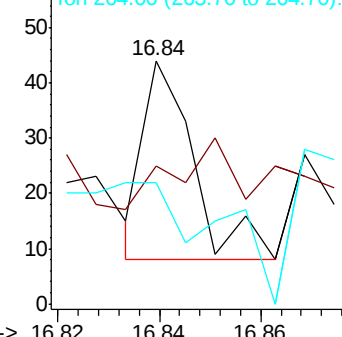


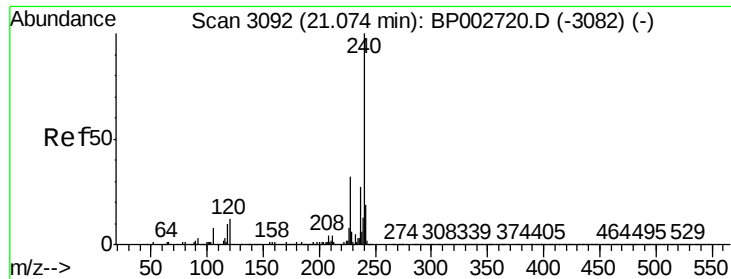
#70
Pentachlorophenol
Concen: 7.451 ng
RT: 16.84 min Scan# 2372
Delta R.T. 0.21 min
Lab File: BP002854.D
Acq: 24 Jul 2020 15:25

Tgt Ion:266 Resp: 25
Ion Ratio Lower Upper
266 100
268 56.8 50.6 75.8
264 50.0 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

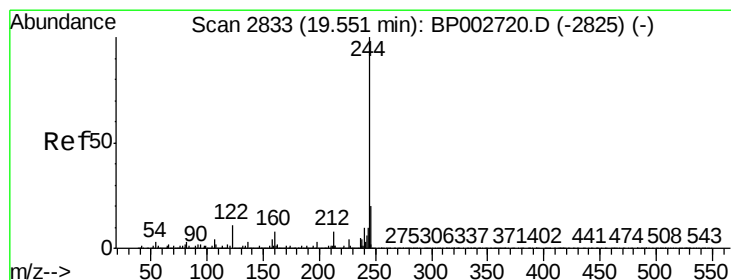
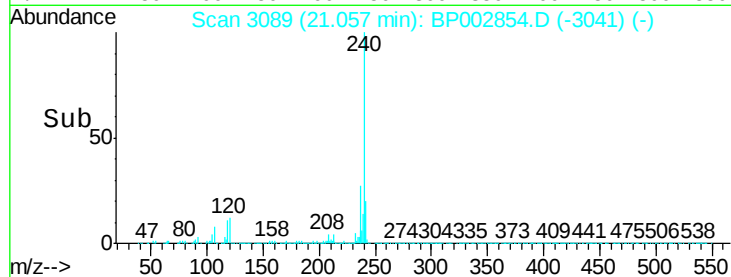
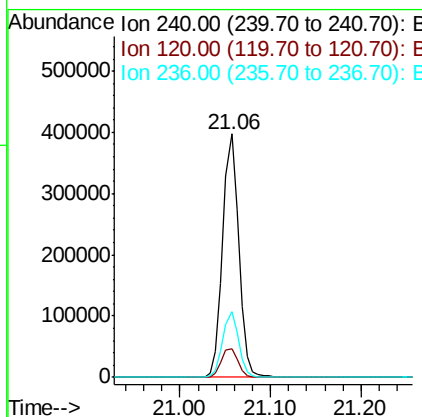
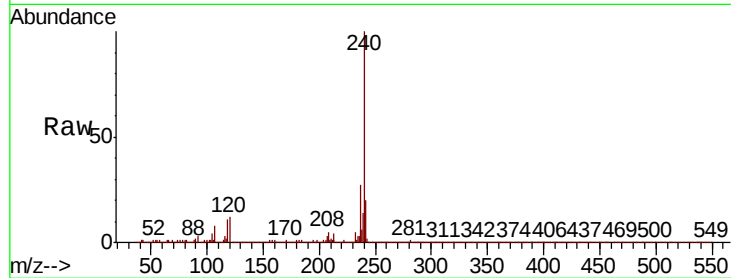




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.06 min Scan# 3089
 Delta R.T. -0.02 min
 Lab File: BP002854.D
 Acq: 24 Jul 2020 15:25

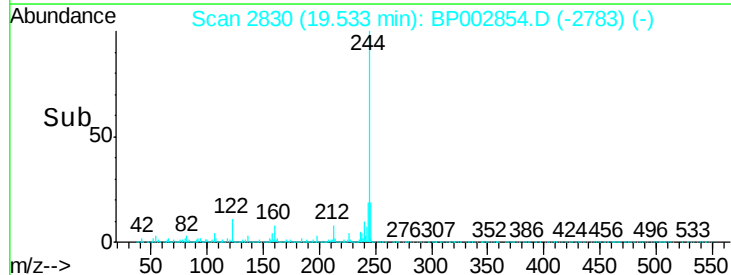
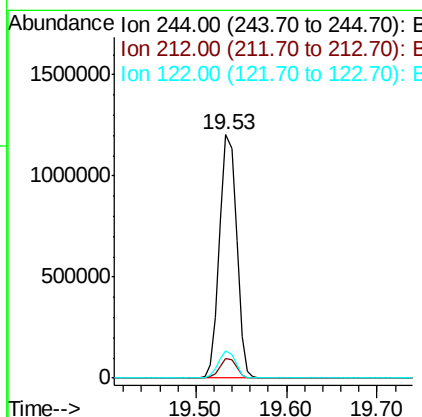
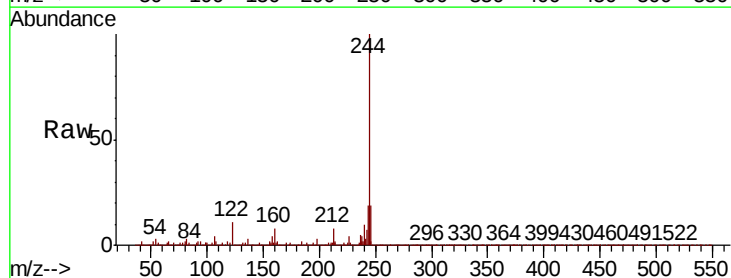
Instrument :
 BNA_P
 ClientSampleId :
 DUCK-BANK

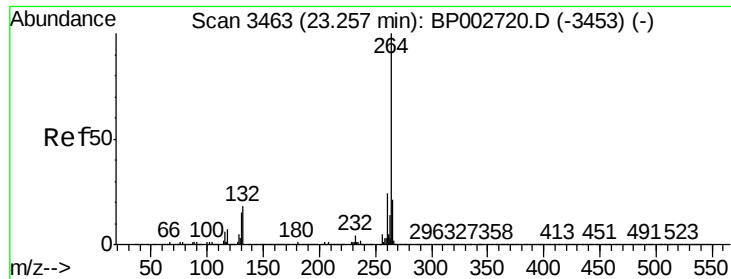
Tot Ion:240 Resp: 488537
 Ion Ratio Lower Upper
 240 100
 120 12.0 9.4 14.2
 236 26.8 21.3 31.9



#79
 Terphenyl-d14
 Concen: 73.785 ng
 RT: 19.53 min Scan# 2830
 Delta R.T. -0.02 min
 Lab File: BP002854.D
 Acq: 24 Jul 2020 15:25

Tgt Ion:244 Resp: 1572224
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.0 9.0
 122 11.3 8.9 13.3





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 23.23 min Scan# 3459
 Delta R.T. -0.03 min
 Lab File: BP002854.D
 Acq: 24 Jul 2020 15:25

Instrument :
 BNA_P
 ClientSampleId :
 DUCK-BANK

Tot Ion:	264	Resp:	555029
Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.3	28.9
265	21.8	16.8	25.2

