

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP081920\
 Data File : BP003043.D
 Acq On : 19 Aug 2020 21:12
 Operator : CG/JU
 Sample : L3712-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CHRT-26572

Quant Time: Aug 20 02:03:24 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP073020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 17 14:07:35 2020
 Response via : Initial Calibration

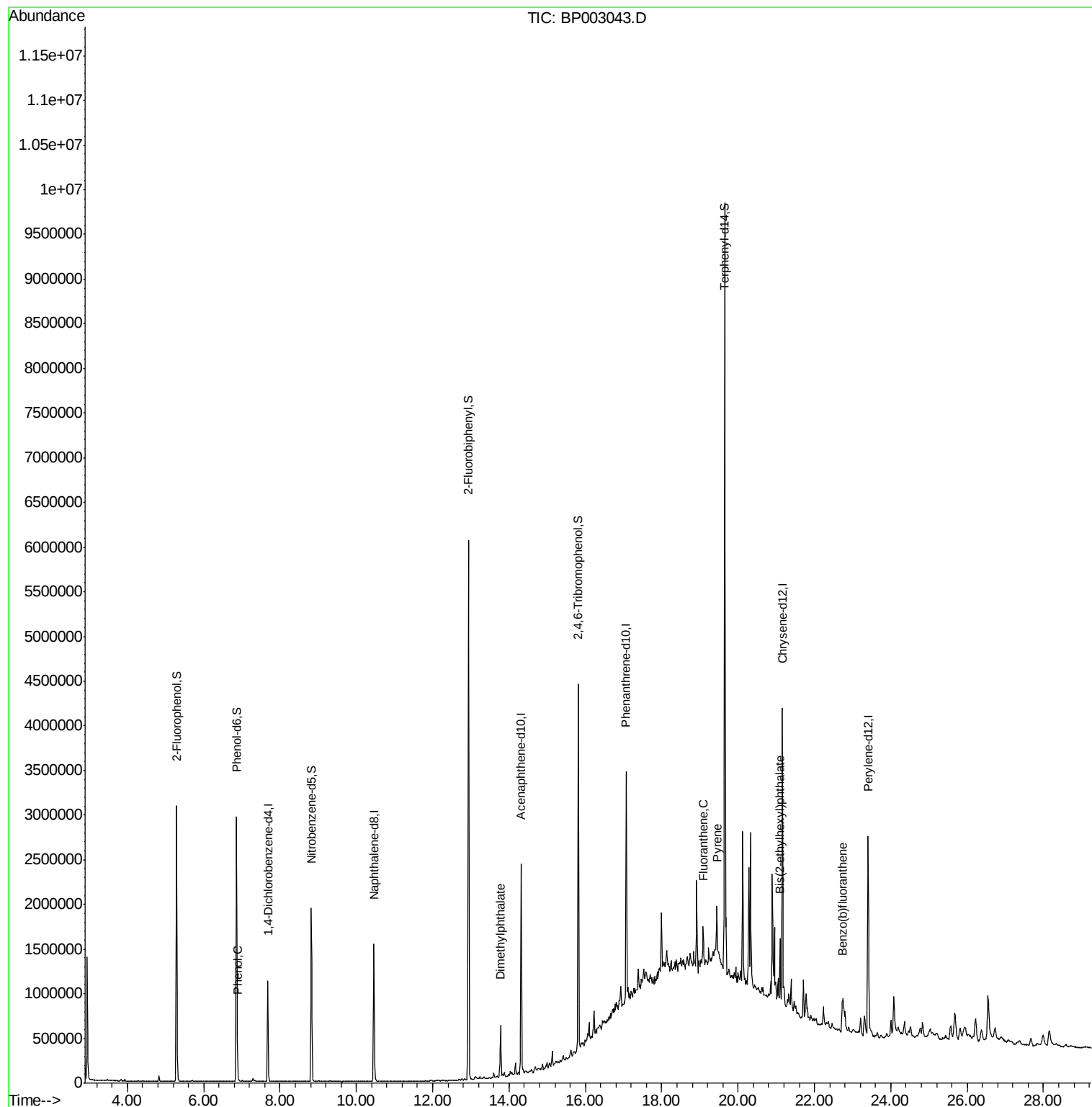
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	344305	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	1417407	20.00	ng	-0.01
39) Acenaphthene-d10	14.32	164	849751	20.00	ng	-0.01
64) Phenanthrene-d10	17.07	188	1657584	20.00	ng	-0.01
76) Chrysene-d12	21.16	240	1478018	20.00	ng	-0.01
86) Perylene-d12	23.41	264	1625085	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	1675406	74.47	ng	0.00
7) Phenol-d6	6.86	99	2034468	65.14	ng	0.00
23) Nitrobenzene-d5	8.82	82	1173285	44.83	ng	-0.01
42) 2,4,6-Tribromophenol	15.81	330	896620	84.90	ng	-0.01
45) 2-Fluorobiphenyl	12.94	172	3304747	53.14	ng	-0.01
79) Terphenyl-d14	19.65	244	3915447	53.03	ng	0.00
Target Compounds						
10) Phenol	6.89	94	68280	2.171	ng	91
50) Dimethylphthalate	13.77	163	420894	6.333	ng	99
75) Fluoranthene	19.09	202	249833	2.231	ng	97
78) Pyrene	19.44	202	335980	3.252	ng	97
84) Bis(2-ethylhexyl)phthalate	21.10	149	235756	4.123	ng	99
88) Benzo(b)fluoranthene	22.73	252	292264	2.549	ng	98

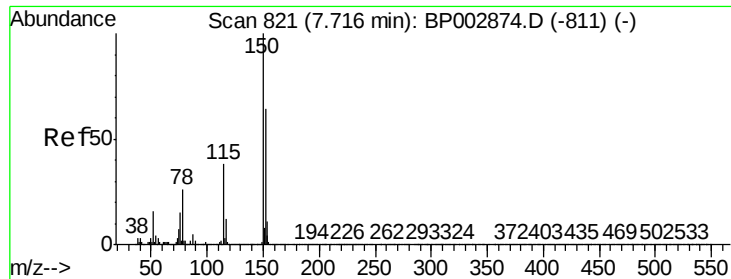
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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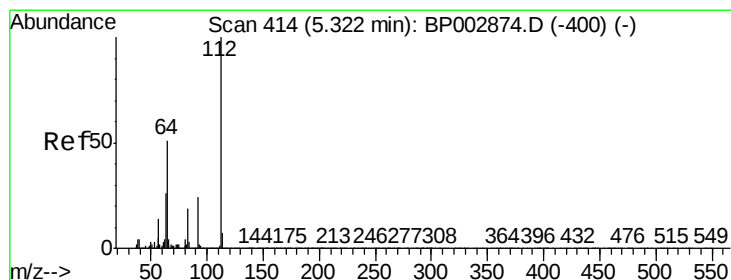
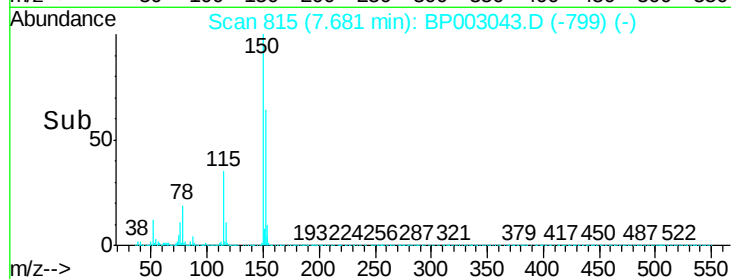
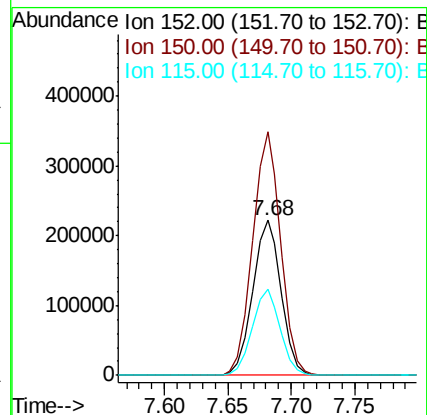
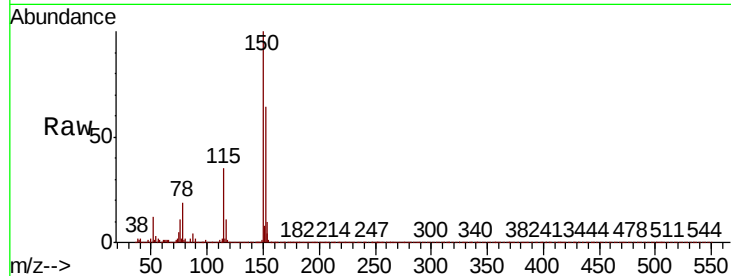


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.68 min Scan# 815
Delta R.T. -0.01 min
Lab File: BP003043.D
Acq: 19 Aug 2020 21:12

Instrument :
BNA_P
ClientSampleId :
CHRT-26572

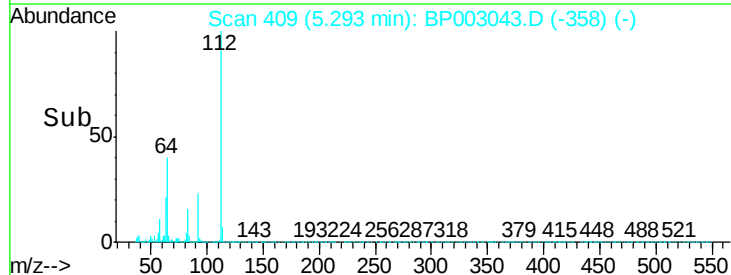
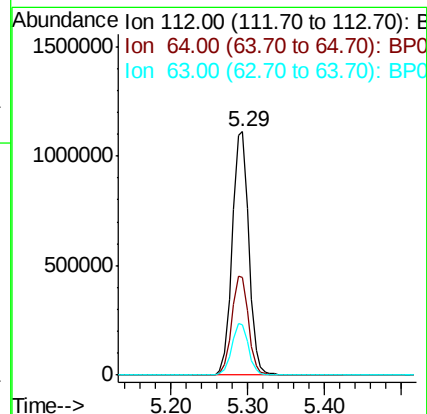
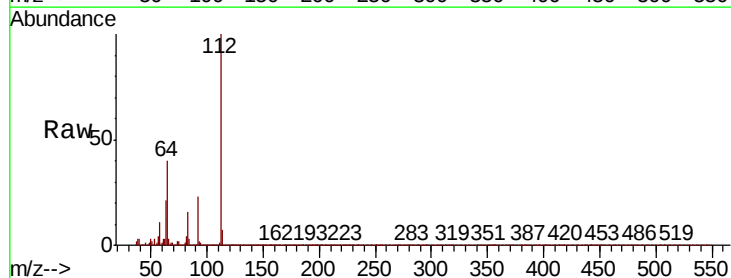
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.9	126.1	189.1
115	55.4	43.4	65.2

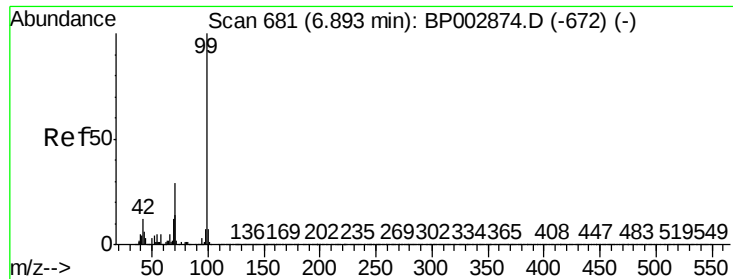


#5

2-Fluorophenol
Concen: 74.475 ng
RT: 5.29 min Scan# 409
Delta R.T. -0.00 min
Lab File: BP003043.D
Acq: 19 Aug 2020 21:12

Tgt Ion	Ratio	Lower	Upper
112	100		
64	40.2	33.4	50.2
63	20.7	17.4	26.0





#7

Phenol-d6

Concen: 65.138 ng

RT: 6.86 min Scan# 676

Delta R.T. -0.01 min

Lab File: BP003043.D

Acq: 19 Aug 2020 21:12

Instrument :

BNA_P

ClientSampleId :

CHRT-26572

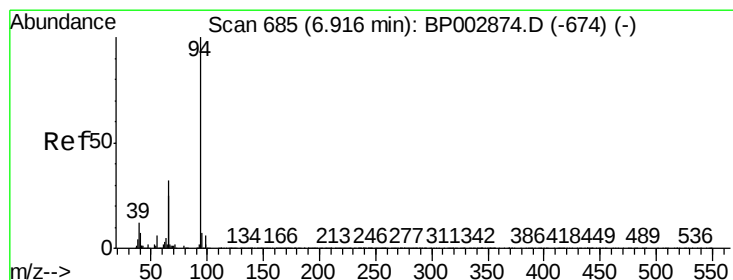
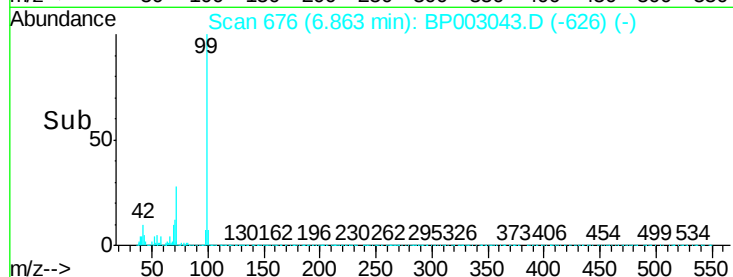
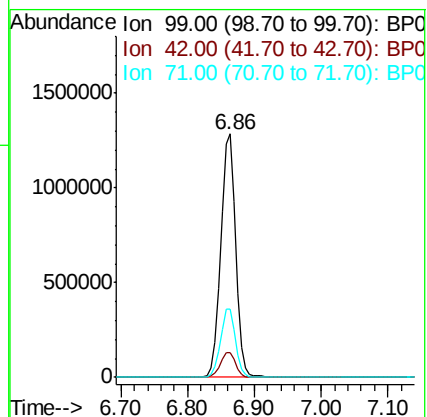
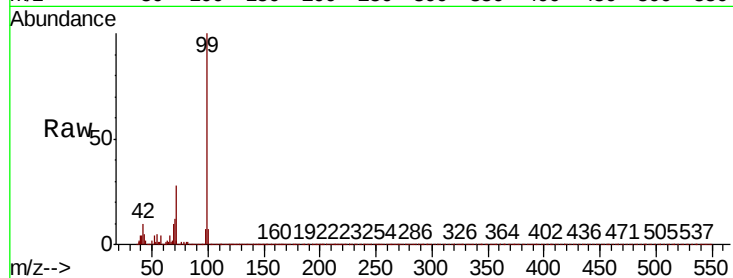
Tot Ion: 99 Resp: 2034468

Ion Ratio Lower Upper

99 100

42 10.3 8.0 12.0

71 28.3 21.3 31.9



#10

Phenol

Concen: 2.171 ng

RT: 6.89 min Scan# 680

Delta R.T. -0.01 min

Lab File: BP003043.D

Acq: 19 Aug 2020 21:12

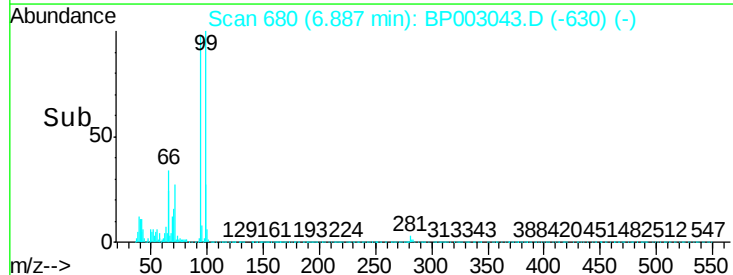
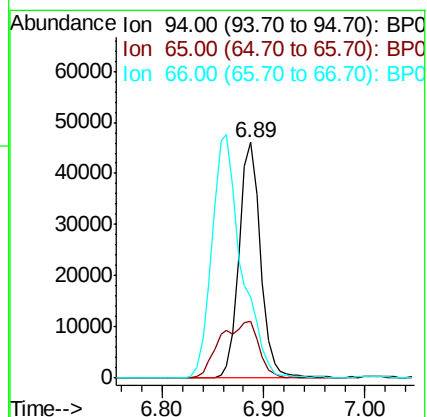
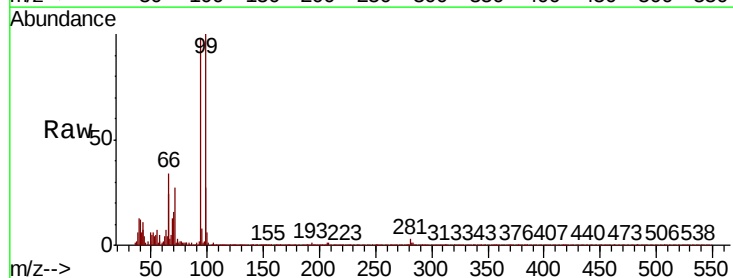
Tgt Ion: 94 Resp: 68280

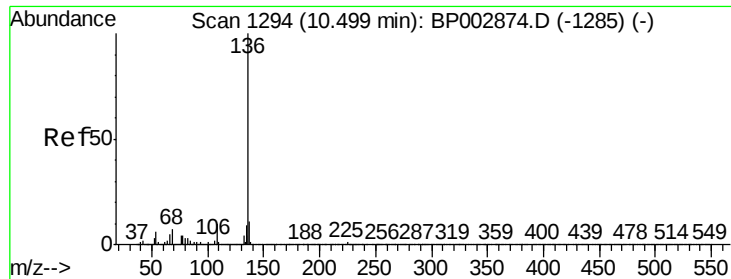
Ion Ratio Lower Upper

94 100

65 24.4 1.7 41.7

66 34.6 8.6 48.6

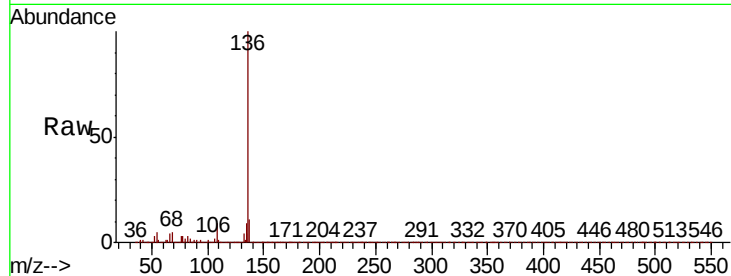




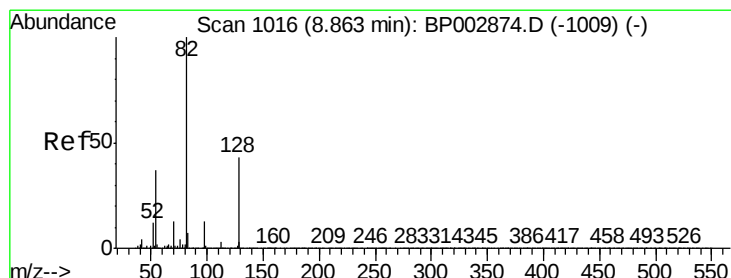
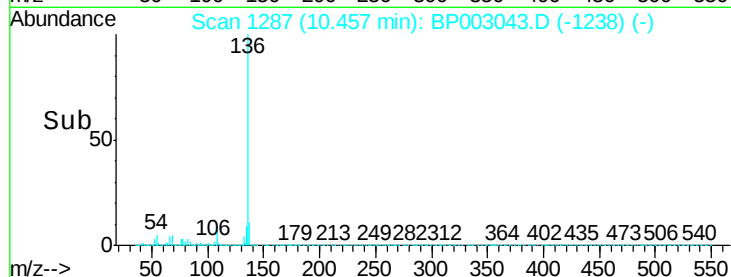
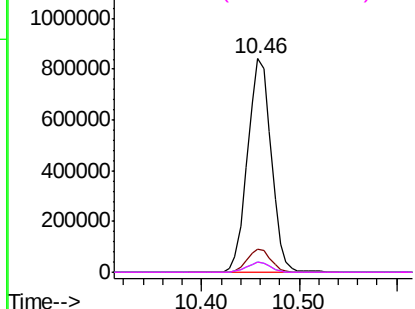
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.46 min Scan# 1287
Delta R.T. -0.01 min
Lab File: BP003043.D
Acq: 19 Aug 2020 21:12

Instrument :
BNA_P
ClientSampleId :
CHRT-26572

Tot Ion:136	Resp: 1417407
Ion Ratio	Lower Upper
136 100	
137 11.0	8.8 13.2
54 4.6	3.8 5.8
68 4.5	3.8 5.8

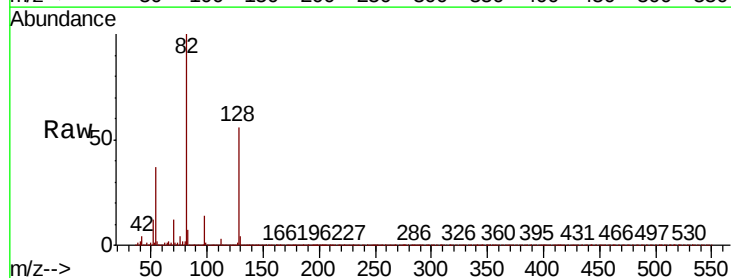


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BP0
Ion 68.00 (67.70 to 68.70): BP0

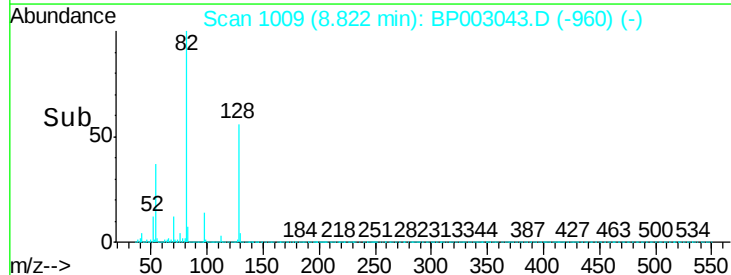
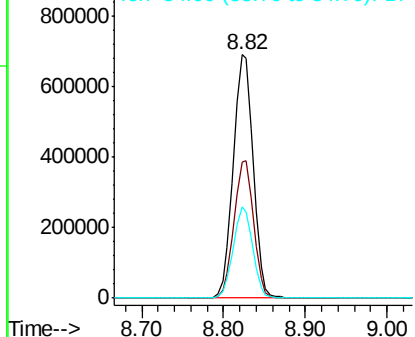


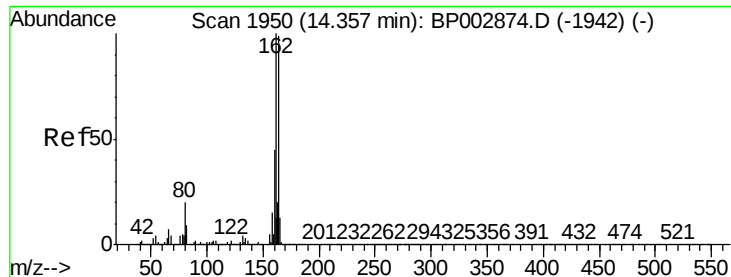
#23
Nitrobenzene-d5
Concen: 44.834 ng
RT: 8.82 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BP003043.D
Acq: 19 Aug 2020 21:12

Tgt	Ion: 82	Resp: 1173285	
Ion	Ratio	Lower	Upper
82	100		
128	56.2	45.1	67.7
54	37.4	28.8	43.2



Abundance Ion 82.00 (81.70 to 82.70): BP0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BP0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.32 min Scan# 1943

Delta R.T. -0.01 min

Lab File: BP003043.D

Acq: 19 Aug 2020 21:12

Instrument :

BNA_P

ClientSampleId :

CHRT-26572

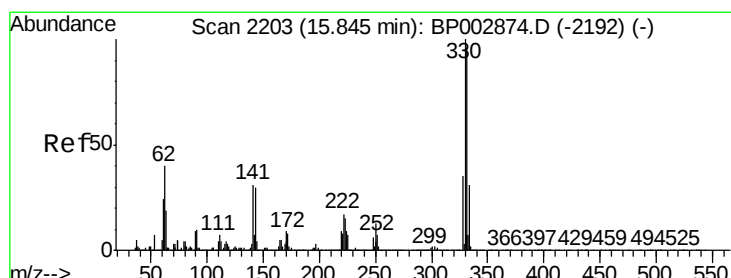
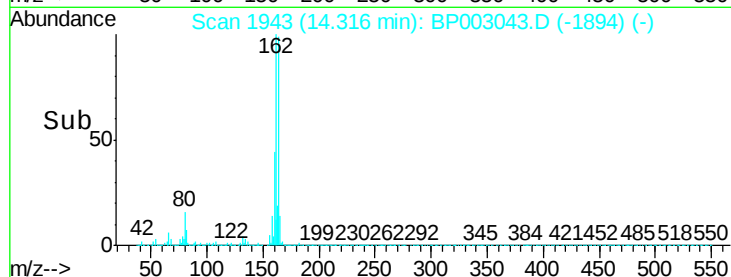
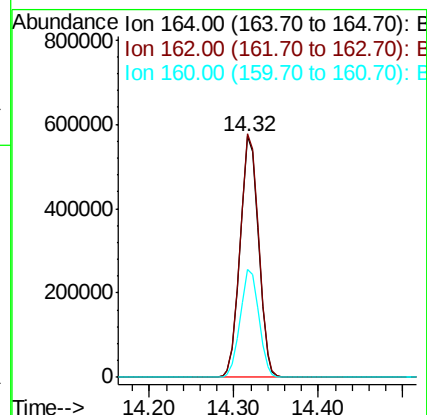
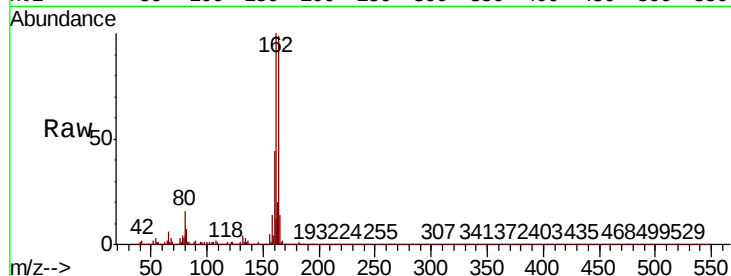
Tot Ion:164 Resp: 849751

Ion Ratio Lower Upper

164 100

162 101.1 81.4 122.0

160 44.7 35.5 53.3



#42

2,4,6-Tribromophenol

Concen: 84.896 ng

RT: 15.81 min Scan# 2197

Delta R.T. -0.01 min

Lab File: BP003043.D

Acq: 19 Aug 2020 21:12

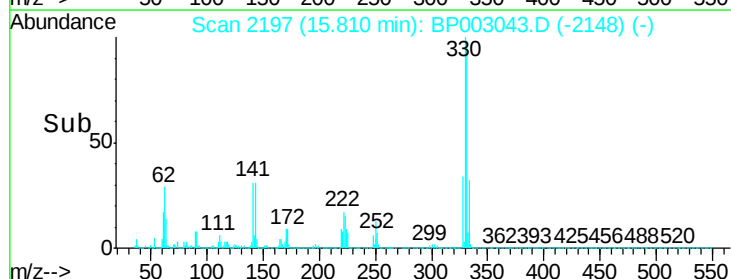
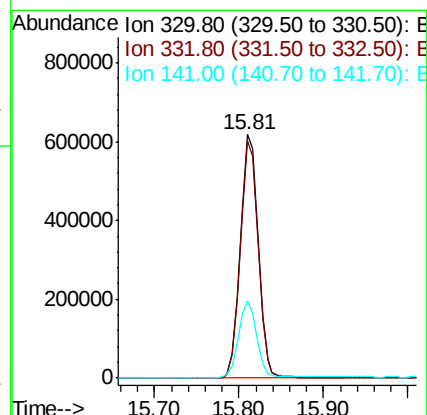
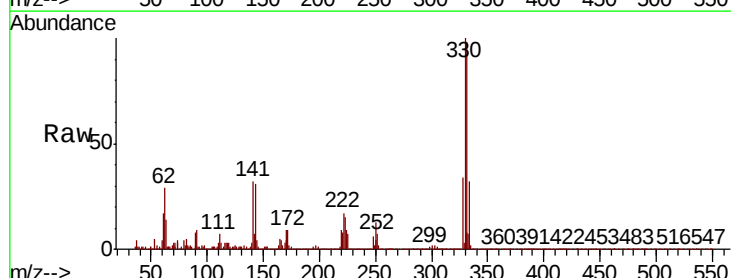
Tgt Ion:330 Resp: 896620

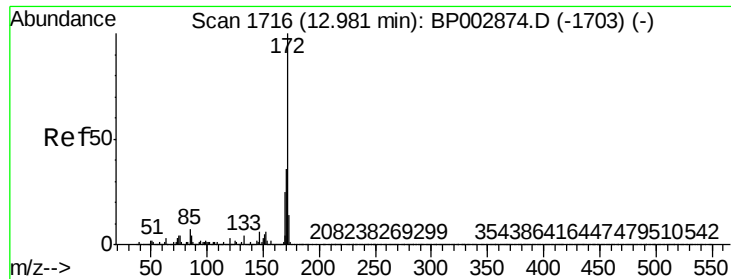
Ion Ratio Lower Upper

330 100

332 96.9 77.0 115.6

141 30.8 26.7 40.1

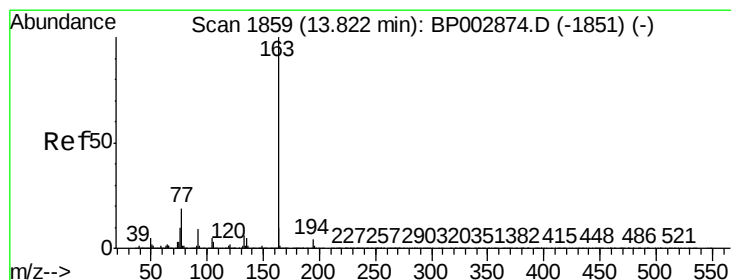
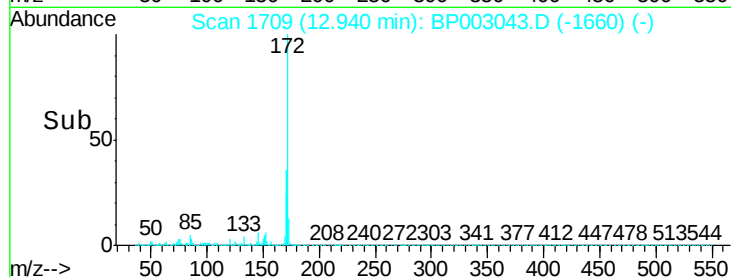
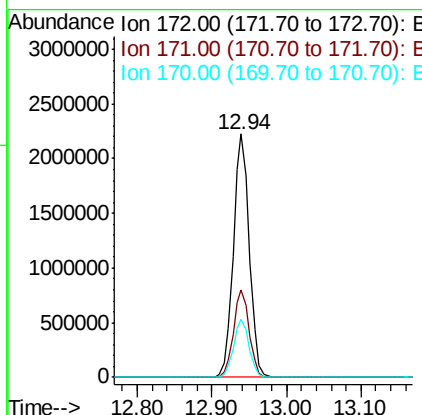
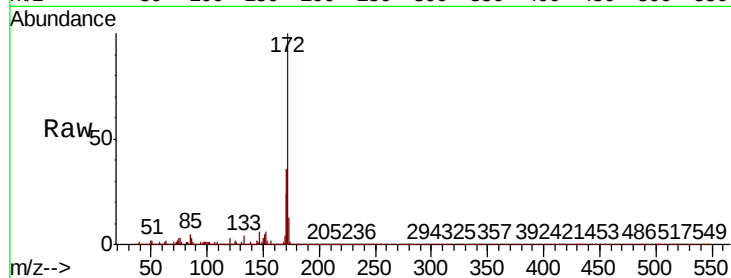




#45
2-Fluorobiphenyl
Concen: 53.136 ng
RT: 12.94 min Scan# 1709
Delta R.T. -0.01 min
Lab File: BP003043.D
Acq: 19 Aug 2020 21:12

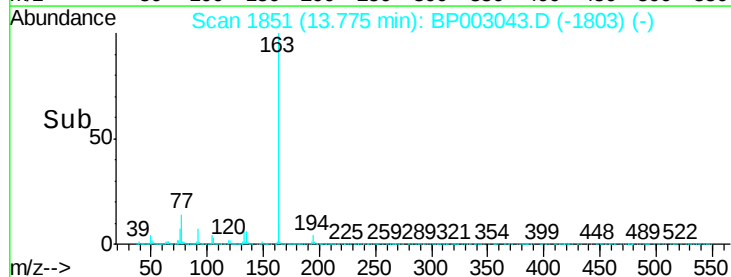
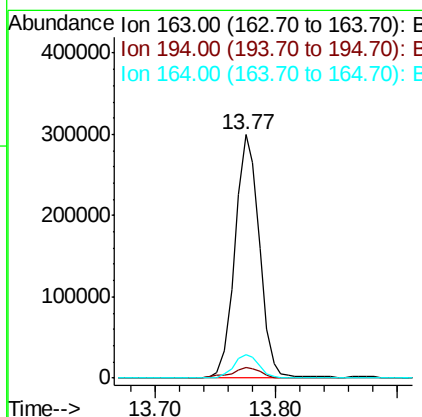
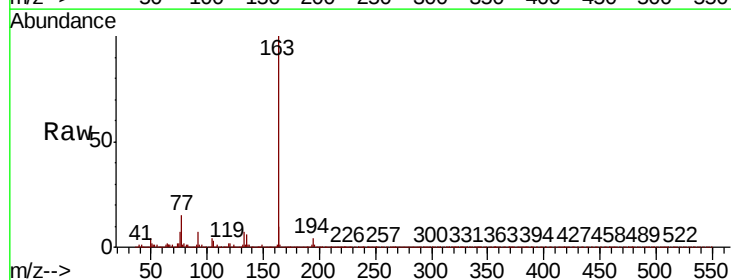
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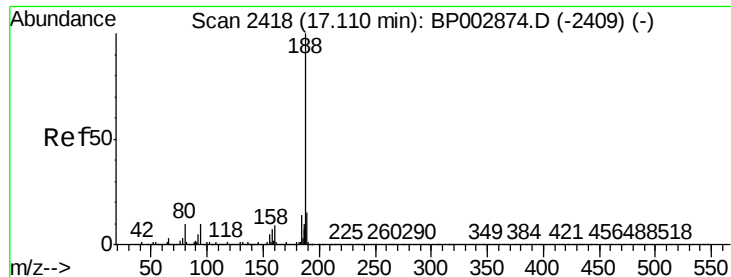
Tot Ion:172 Resp: 3304747
Ion Ratio Lower Upper
172 100
171 35.8 29.0 43.4
170 23.8 19.1 28.7



#50
Dimethylphthalate
Concen: 6.333 ng
RT: 13.77 min Scan# 1851
Delta R.T. -0.02 min
Lab File: BP003043.D
Acq: 19 Aug 2020 21:12

Tgt Ion:163 Resp: 420894
Ion Ratio Lower Upper
163 100
194 4.2 3.3 4.9
164 9.9 8.1 12.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.07 min Scan# 2411

Delta R.T. -0.01 min

Lab File: BP003043.D

Acq: 19 Aug 2020 21:12

Instrument :

BNA_P

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CHRT-26572

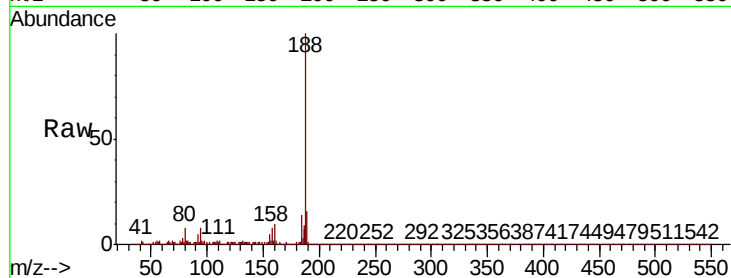
Tot Ion:188 Resp: 1657584

Ion Ratio Lower Upper

188 100

94 8.2 7.1 10.7

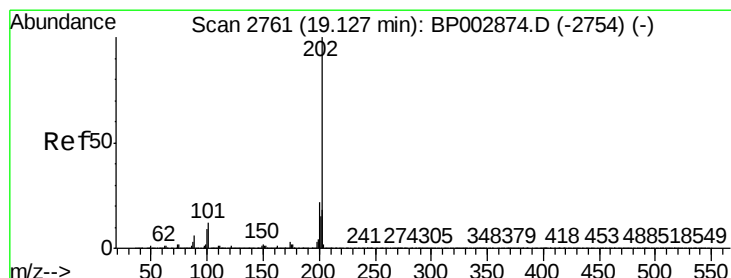
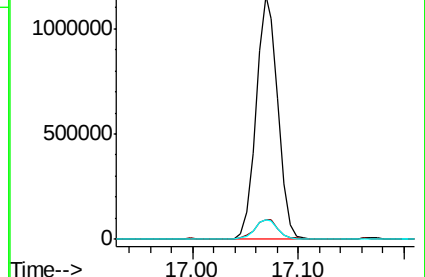
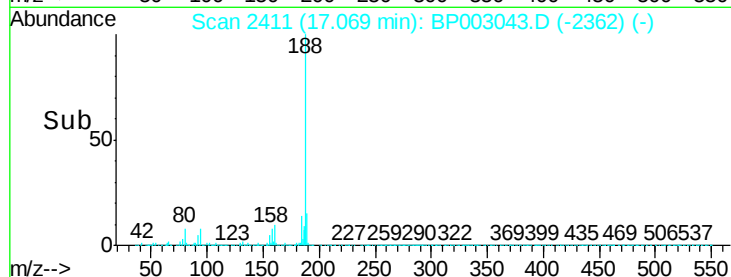
80 8.2 6.7 10.1



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



#75

Fluoranthene

Concen: 2.231 ng

RT: 19.09 min Scan# 2755

Delta R.T. -0.01 min

Lab File: BP003043.D

Acq: 19 Aug 2020 21:12

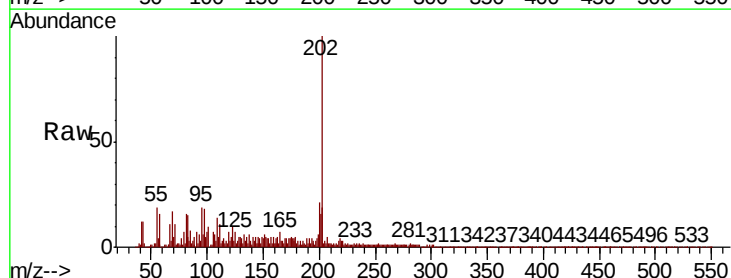
Tgt Ion:202 Resp: 249833

Ion Ratio Lower Upper

202 100

101 9.8 0.0 31.2

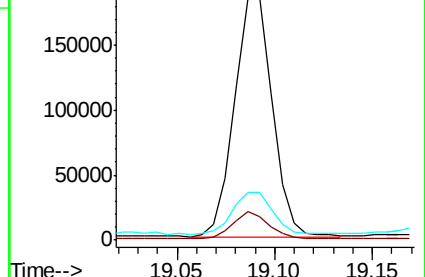
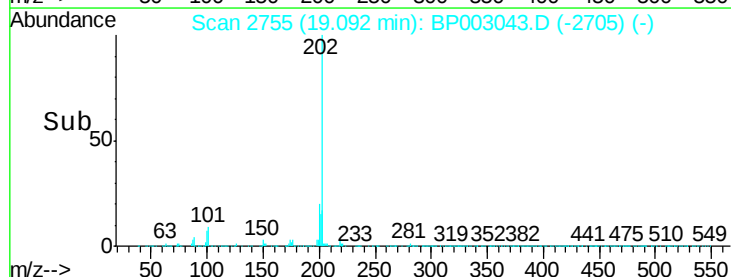
203 19.5 0.0 38.4

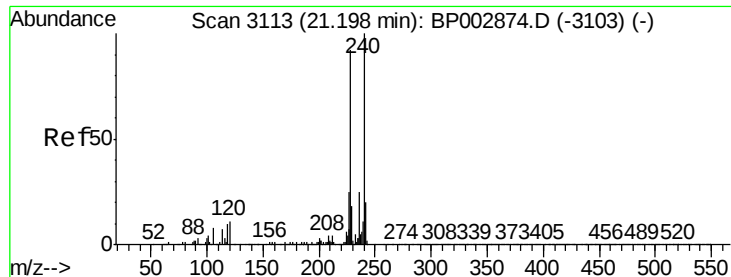


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

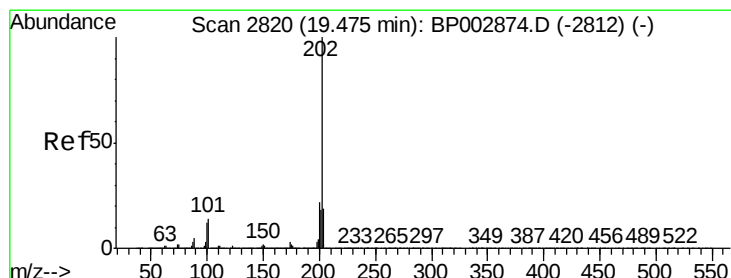
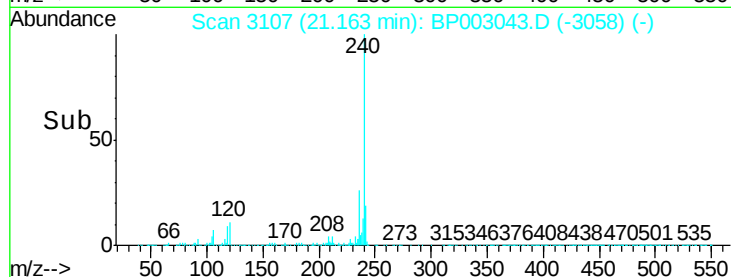
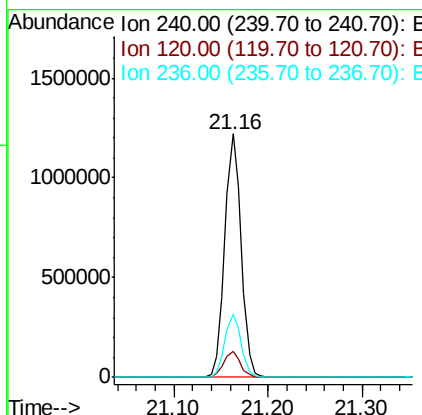
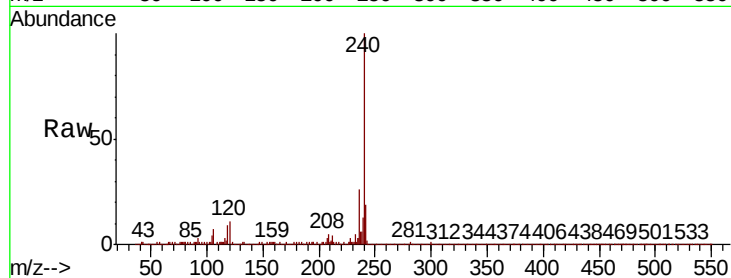




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.16 min Scan# 3107
Delta R.T. -0.01 min
Lab File: BP003043.D
Acq: 19 Aug 2020 21:12

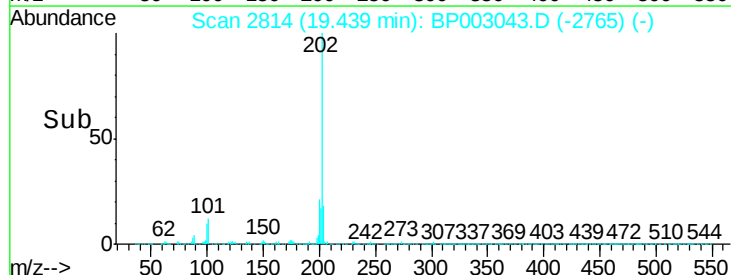
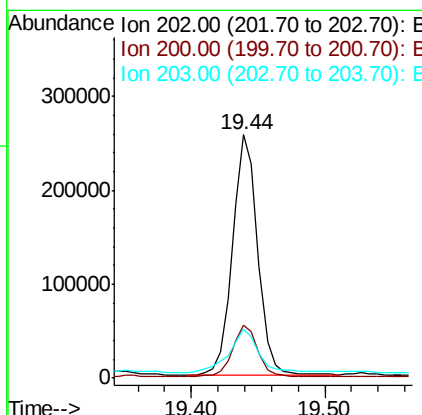
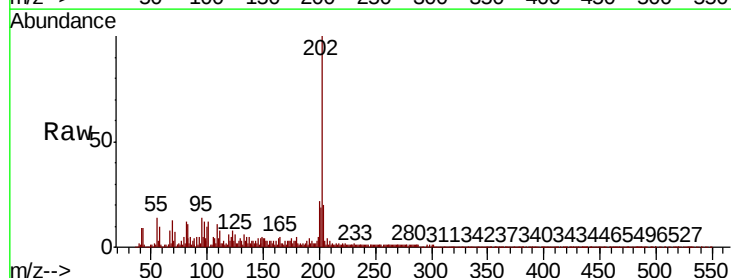
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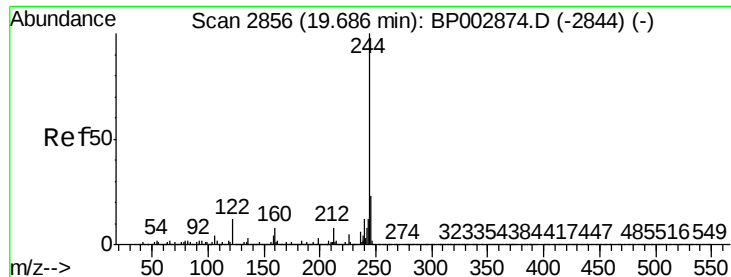
Tot Ion:240 Resp: 1478018
Ion Ratio Lower Upper
240 100
120 10.8 9.5 14.3
236 26.0 20.8 31.2



#78
Pyrene
Concen: 3.252 ng
RT: 19.44 min Scan# 2814
Delta R.T. -0.01 min
Lab File: BP003043.D
Acq: 19 Aug 2020 21:12

Tgt Ion:202 Resp: 335980
Ion Ratio Lower Upper
202 100
200 21.6 17.8 26.6
203 20.1 14.6 22.0





#79

Terphenyl-d14

Concen: 53.034 ng

RT: 19.65 min Scan# 2850

Delta R.T. -0.01 min

Lab File: BP003043.D

Acq: 19 Aug 2020 21:12

Instrument :

BNA_P

ClientSampleId :

CHRT-26572

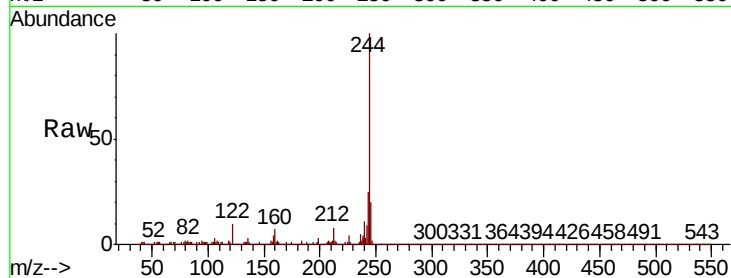
Tot Ion:244 Resp: 3915447

Ion Ratio Lower Upper

244 100

212 7.5 6.3 9.5

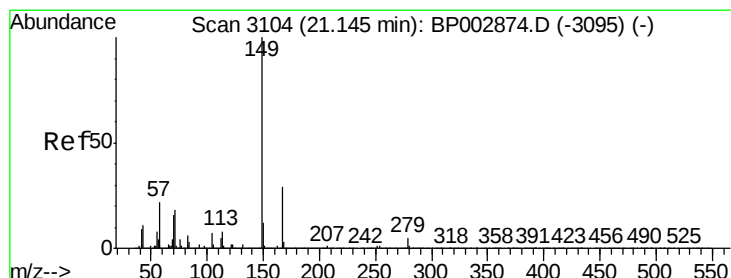
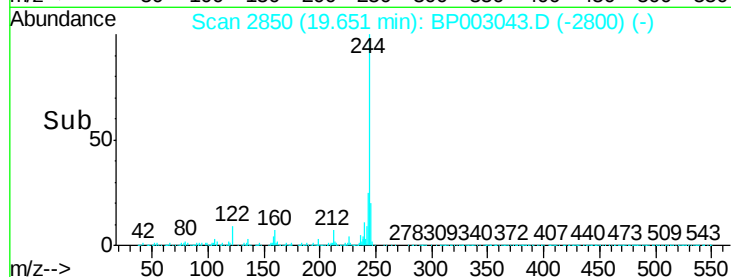
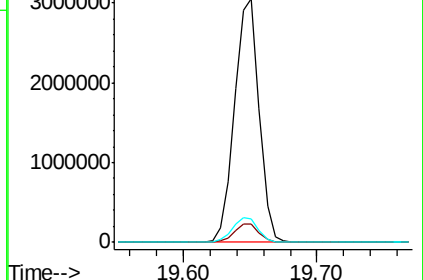
122 9.6 8.7 13.1



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 4.123 ng

RT: 21.10 min Scan# 3096

Delta R.T. -0.01 min

Lab File: BP003043.D

Acq: 19 Aug 2020 21:12

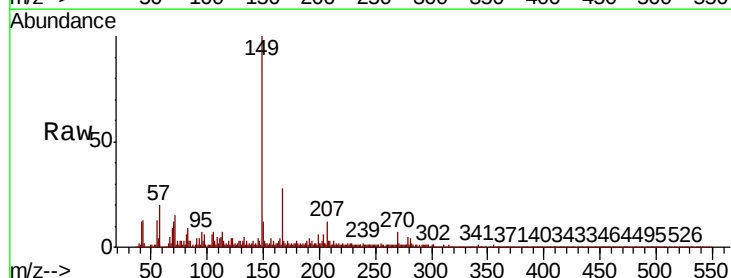
Tgt Ion:149 Resp: 235756

Ion Ratio Lower Upper

149 100

167 27.8 22.9 34.3

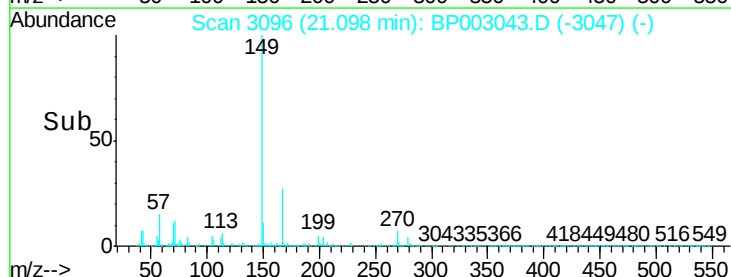
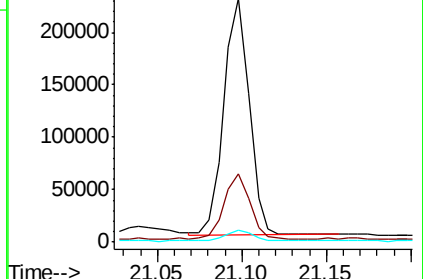
279 4.6 3.8 5.8

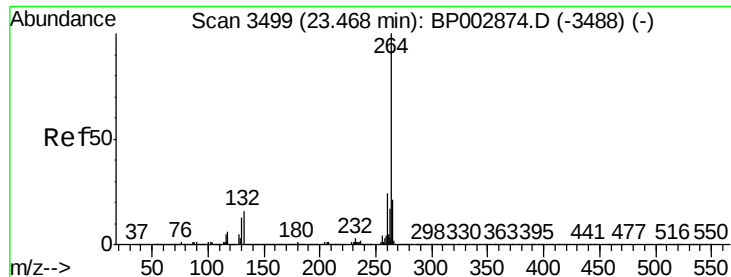


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



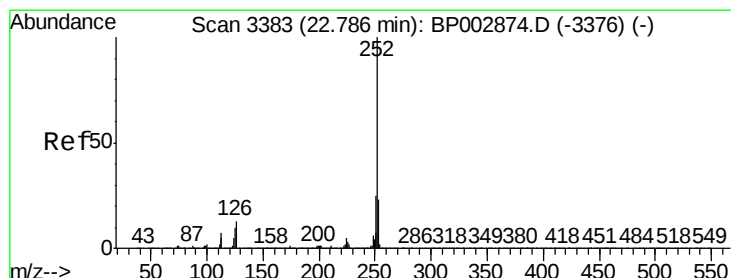
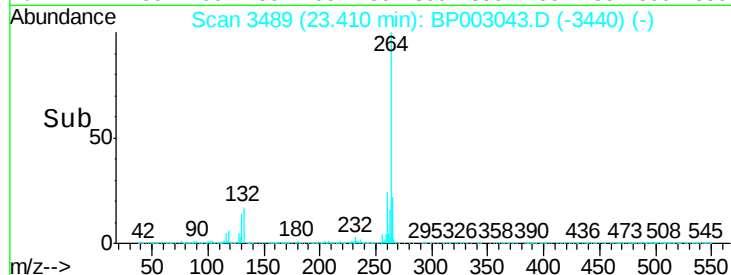
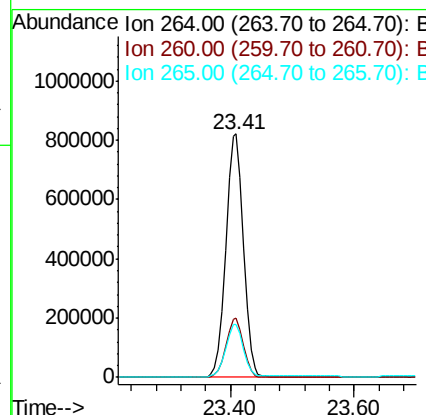
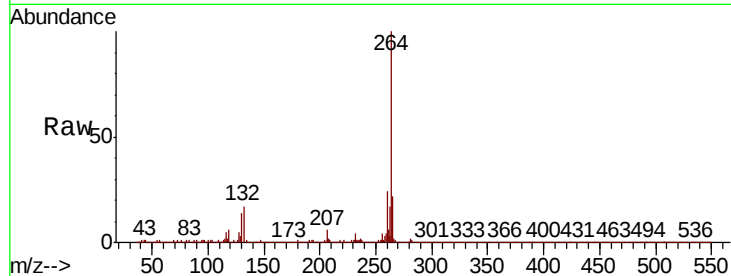


#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.41 min Scan# 3489
Delta R.T. -0.01 min
Lab File: BP003043.D
Acq: 19 Aug 2020 21:12

Instrument :
BNA_P
ClientSampleId :
CHRT-26572

Tot Ion:264 Resp: 1625085

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	21.8	17.3	25.9



#88
Benzo(b)fluoranthene
Concen: 2.549 ng
RT: 22.73 min Scan# 3374
Delta R.T. -0.01 min
Lab File: BP003043.D
Acq: 19 Aug 2020 21:12

Tgt Ion:252 Resp: 292264

Ion	Ratio	Lower	Upper
252	100		
253	24.3	18.2	27.2
125	12.1	9.4	14.2

