

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP031121\
 Data File : BP004971.D
 Acq On : 11 Mar 2021 13:28
 Operator : CG/JU
 Sample : M1496-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 X3165

Quant Time: Mar 11 13:58:12 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP030821.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 11 10:02:51 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	34682	20.00	ng/ul	0.00
20) Naphthalene-d8	10.52	136	142280	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.38	164	96632	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.14	188	214939	20.00	ng/ul	0.00
79) Chrysene-d12	21.23	240	248960	20.00	ng/ul	0.00
88) Perylene-d12	23.52	264	253414	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.23	96	5217	5.51	ng/uL	0.00
4) Pyridine-d5	3.64	84	64944	26.43	ng/ul	0.00
7) Phenol-d5	6.90	99	98456	32.90	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.07	67	52421	32.84	ng/ul	0.00
11) 2-Chlorophenol-d4	7.26	132	75591	32.96	ng/ul	0.00
15) 4-Methylphenol-d8	8.44	113	82127	34.06	ng/ul	0.00
21) Nitrobenzene-d5	8.89	128	38170	33.83	ng/ul	0.00
24) 2-Nitrophenol-d4	9.60	143	42094	33.96	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.14	165	80034	33.01	ng/ul	0.00
31) 4-Chloroaniline-d4	10.66	131	100665	30.22	ng/ul	0.00
46) Dimethylphthalate-d6	13.79	166	261911	33.80	ng/ul	0.00
49) Acenaphthylene-d8	14.07	160	310985	36.22	ng/ul	0.00
54) 4-Nitrophenol-d4	14.59	143	45221	32.95	ng/ul	0.00
60) Fluorene-d10	15.38	176	225597	33.66	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.50	200	49019	32.53	ng/ul	0.00
73) Anthracene-d10	17.24	188	377545	36.07	ng/ul	0.00
81) Pyrene-d10	19.48	212	447282	36.00	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.37	264	526554	37.56	ng/ul	0.00

Target Compounds

					Ovalue
8) Phenol	6.93	94	55172	17.360	ng/ul 98
12) 2-Chlorophenol	7.29	128	42525	17.523	ng/ul 95
14) 2,2'-oxybis(1-Chloropropan	8.26	45	62559	25.134	ng/ul 99
19) Hexachloroethane	8.80	117	18996	17.128	ng/ul 93
29) 2,4-Dichlorophenol	10.17	162	42416	17.431	ng/ul 97
30) Naphthalene	10.57	128	137515	16.904	ng/ul 99
33) Hexachlorobutadiene	10.85	225	46189	24.827	ng/ul 95
48) 2,6-Dinitrotoluene	13.96	165	41444	26.480	ng/ul 97
52) Acenaphthene	14.45	153	114863	17.494	ng/ul 98
57) 2,4-Dinitrotoluene	14.75	165	62021	27.012	ng/ul 95
59) Diethylphthalate	15.21	149	180829	22.546	ng/ul 98
61) Fluorene	15.43	166	137273	17.189	ng/ul 97
69) Hexachlorobenzene	16.44	284	64255	21.839	ng/ul 94
71) Pentachlorophenol	16.79	266	70141	37.767	ng/ul 93
74) Anthracene	17.27	178	203808	15.784	ng/ul 98
82) Pyrene	19.51	202	306397	18.872	ng/ul 97
83) Butylbenzylphthalate	20.39	149	248803	41.281	ng/ul 98
85) Benzo(a)anthracene	21.21	228	318781	19.378	ng/ul 99
86) Bis(2-ethylhexyl)phthalate	21.14	149	290146	32.292	ng/ul 96
87) Chrysene	21.26	228	314341	19.343	ng/ul 98
90) Benzo(b)fluoranthene	22.82	252	559151	31.669	ng/ul 97
91) Benzo(k)fluoranthene	22.87	252	312484	18.271	ng/ul 96

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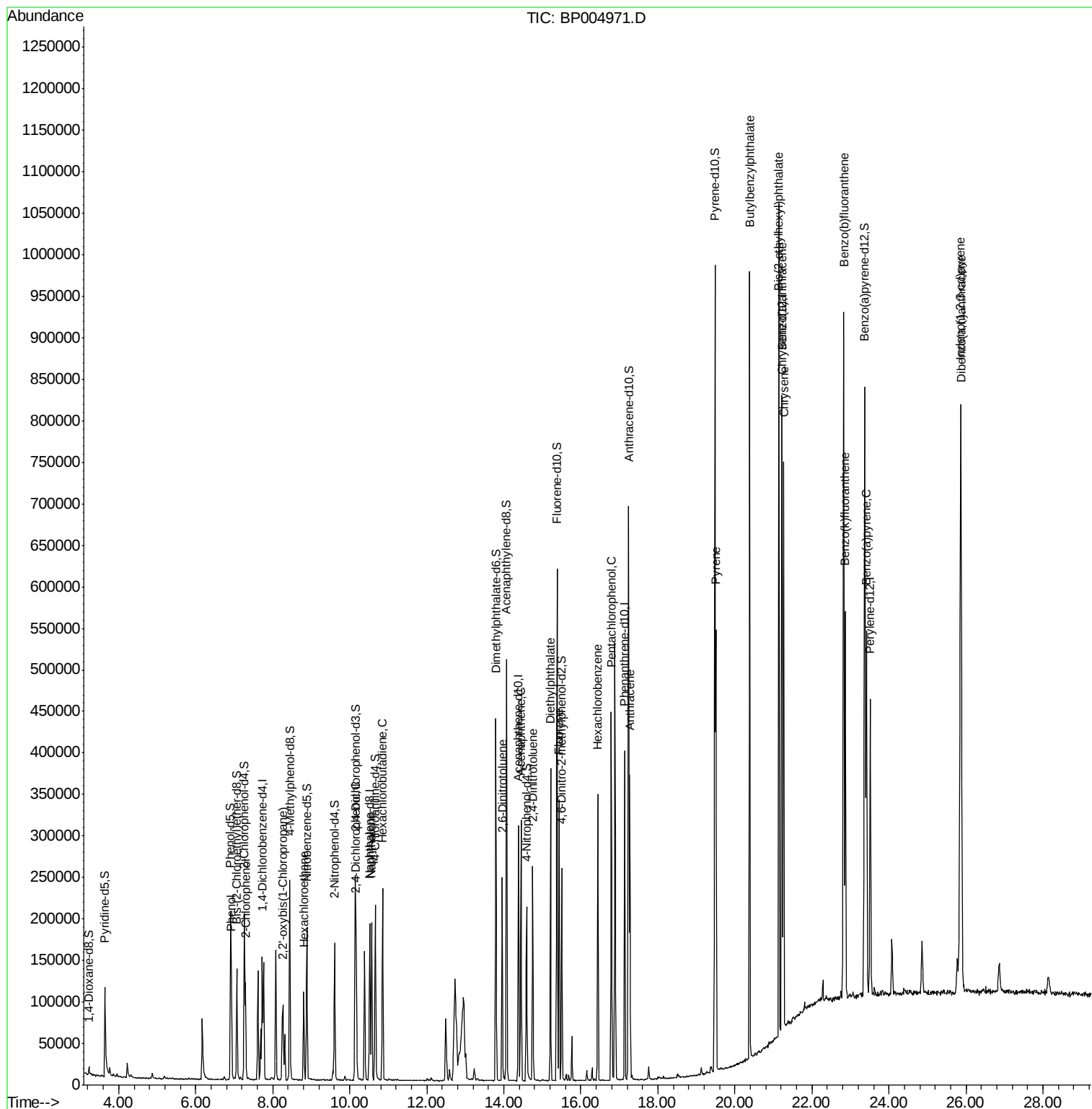
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) Benzo(a)pyrene	23.42	252	300928	19.593	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.86	276	540395	26.837	ng/ul	98
95) Dibenzo(a,h)anthracene	25.87	278	402277	23.308	ng/ul	97

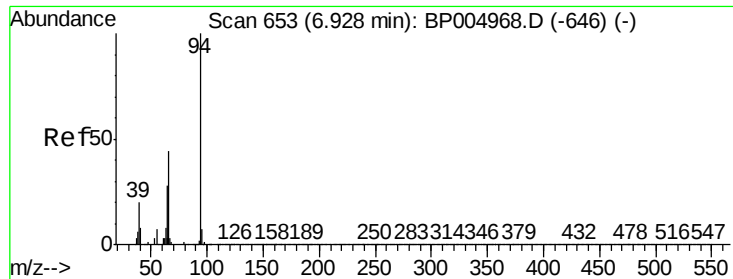
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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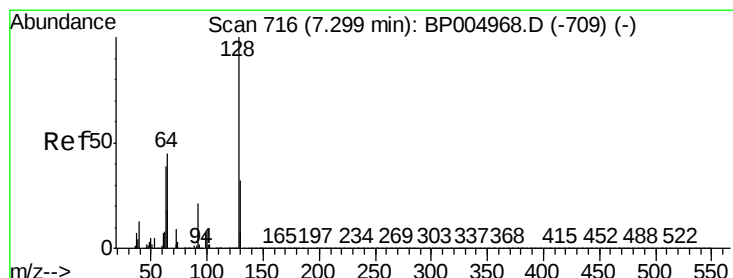
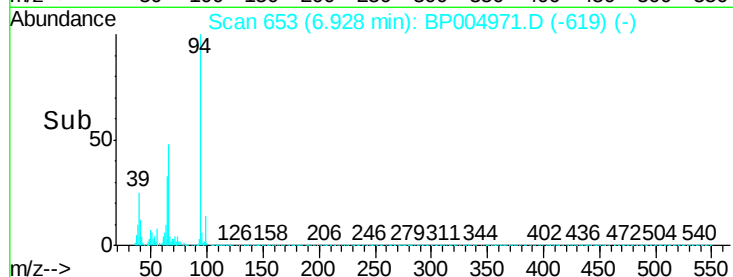
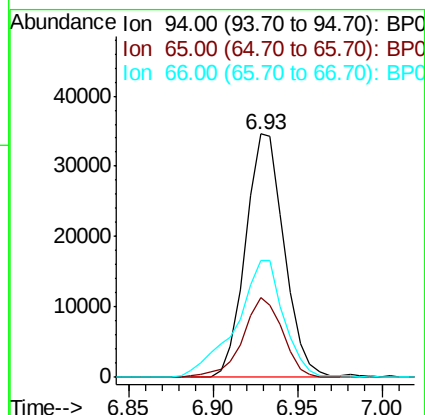
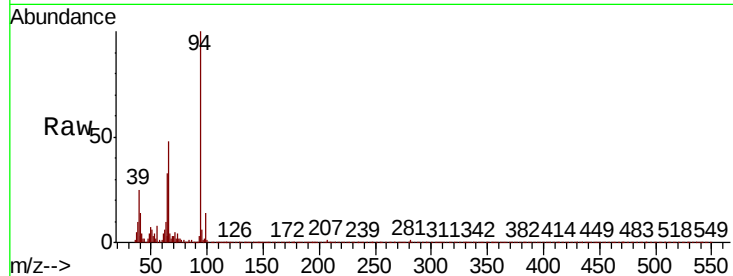
#8

Phenol

Concen: 17.360 ng/ul
 RT: 6.93 min Scan# 653
 Delta R.T. -0.00 min
 Lab File: BP004971.D
 Acq: 11 Mar 2021 13:28

Instrument :
 BNA_P
 ClientSampleId :
 X3165

Tot Ion: 94 Resp: 55172
 Ion Ratio Lower Upper
 94 100
 65 32.8 24.2 36.4
 66 48.1 38.5 57.7

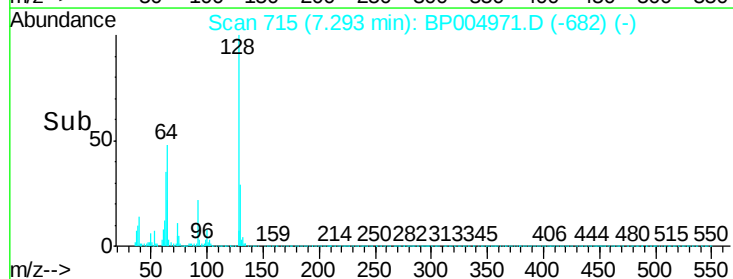
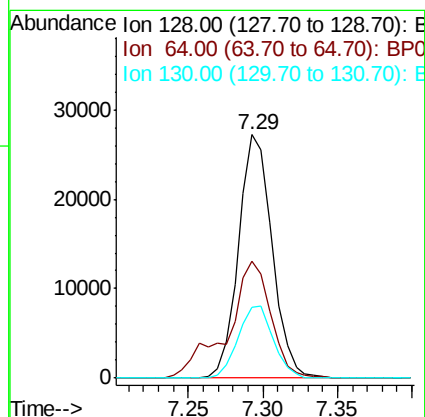
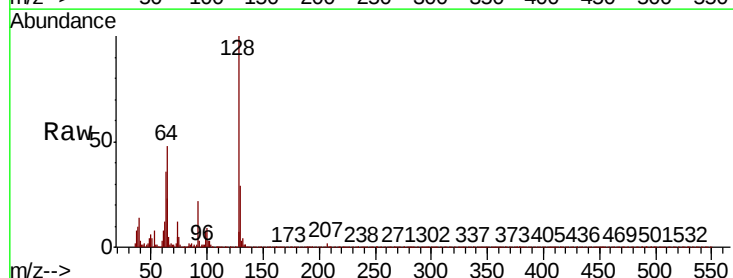


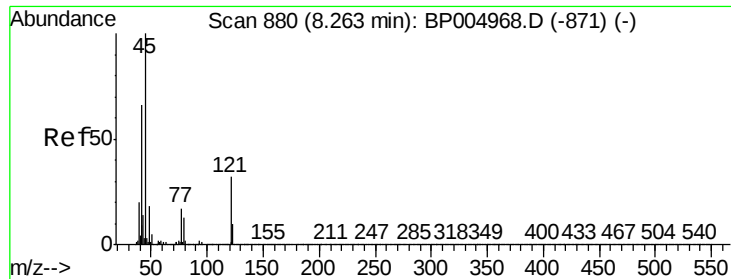
#12

2-Chlorophenol

Concen: 17.523 ng/ul
 RT: 7.29 min Scan# 715
 Delta R.T. -0.01 min
 Lab File: BP004971.D
 Acq: 11 Mar 2021 13:28

Tgt Ion: 128 Resp: 42525
 Ion Ratio Lower Upper
 128 100
 64 48.1 35.8 53.8
 130 29.1 25.9 38.9

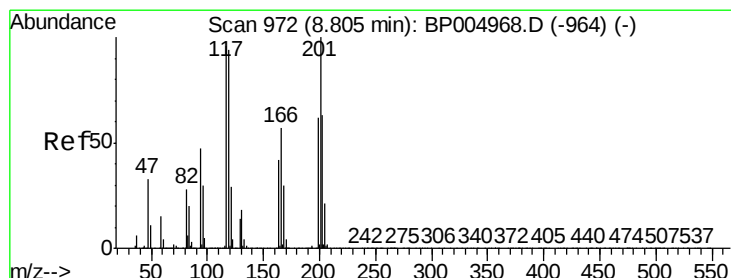
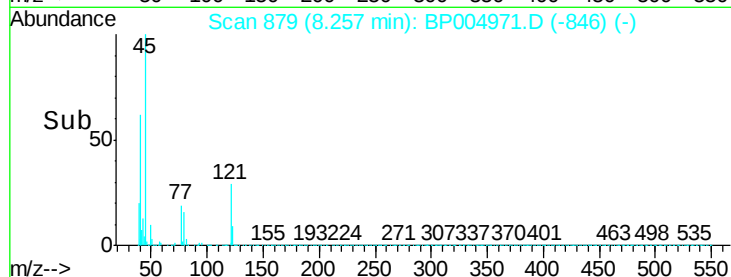
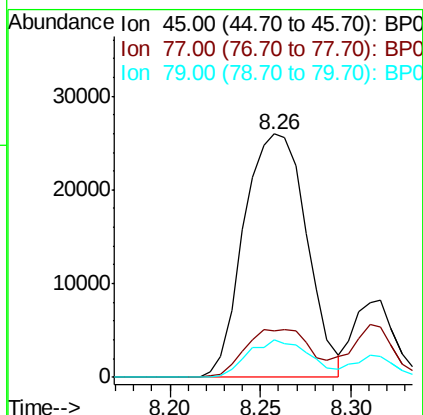
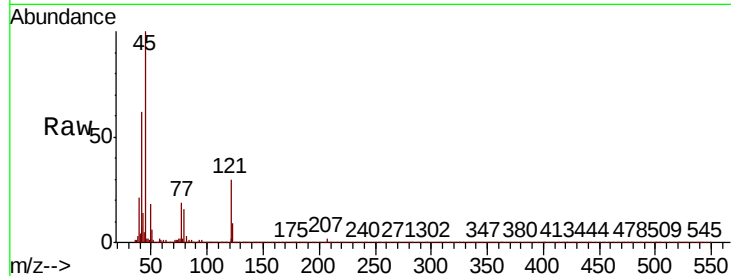




#14
2,2'-oxvbis(1-Chloropropane)
Concen: 25.134 ng/ul
RT: 8.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BP004971.D
Acq: 11 Mar 2021 13:28

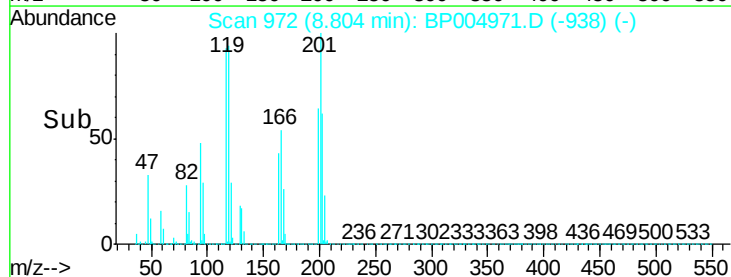
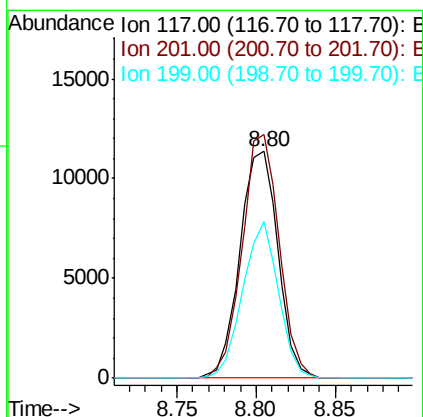
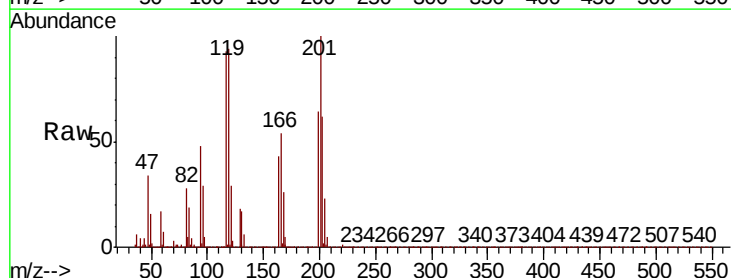
Instrument :
BNA_P
ClientSampleId :
X3165

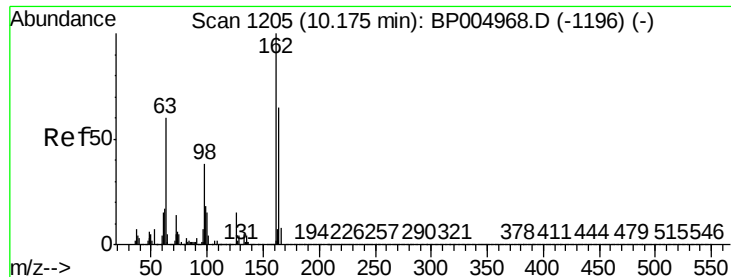
Tot Ion	Ratio	Lower	Upper
45	100		
77	19.1	14.5	21.7
79	15.6	12.4	18.6



#19
Hexachloroethane
Concen: 17.128 ng/ul
RT: 8.80 min Scan# 972
Delta R.T. -0.00 min
Lab File: BP004971.D
Acq: 11 Mar 2021 13:28

Tgt Ion	Ratio	Lower	Upper
117	100		
201	107.4	80.3	120.5
199	69.1	51.7	77.5

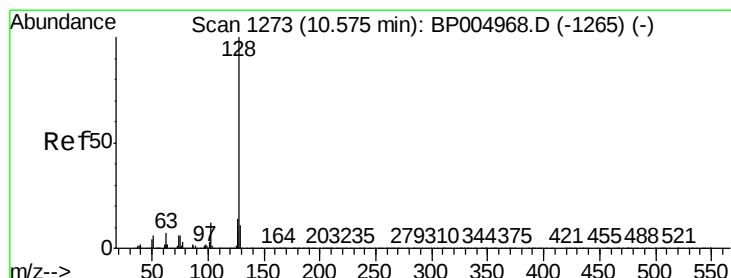
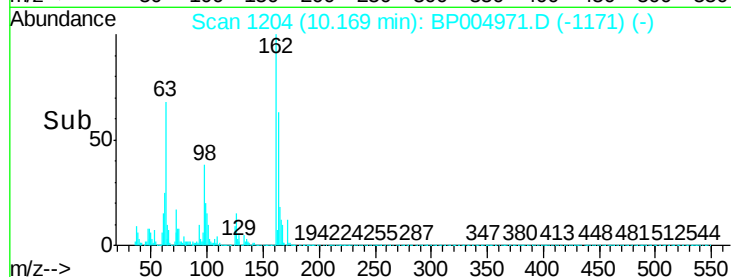
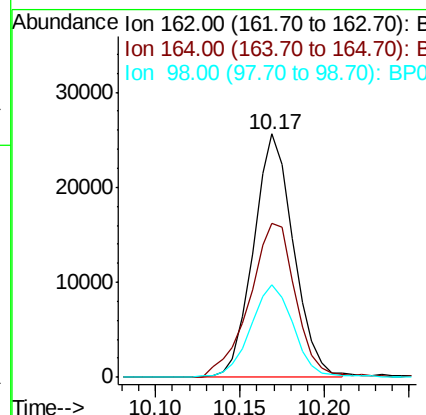
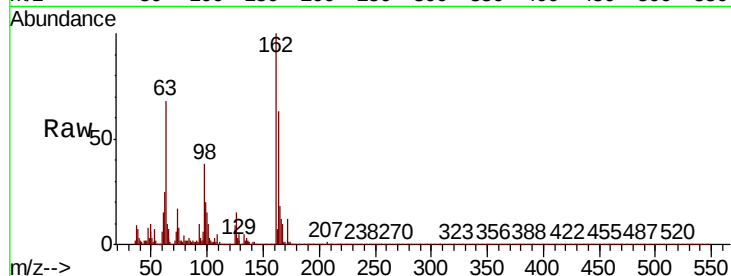




#29
2,4-Dichlorophenol
Concen: 17.431 ng/ul
RT: 10.17 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BP004971.D
Acq: 11 Mar 2021 13:28

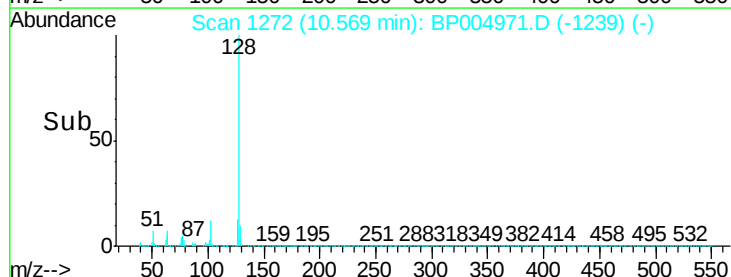
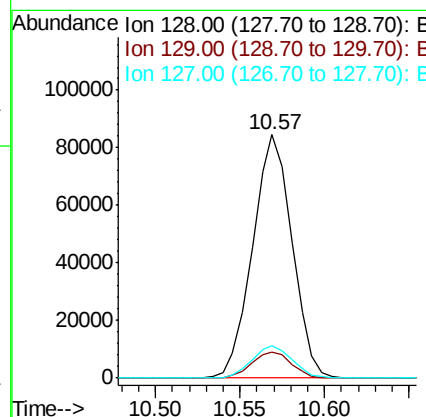
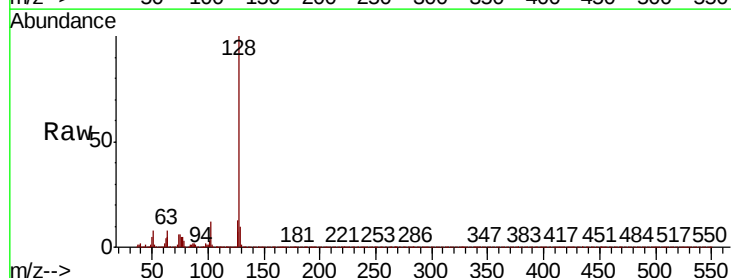
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BNA_P
ClientSampleId :
X3165

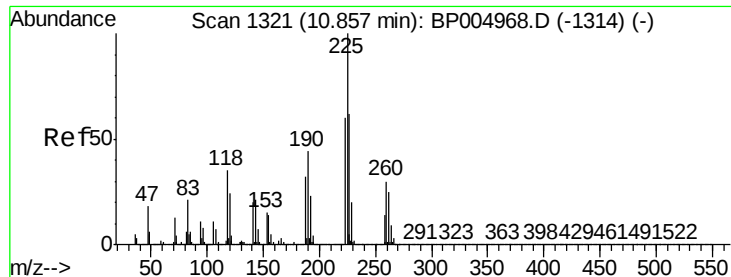
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.1	52.6	78.8
98	38.0	31.4	47.2



#30
Naphthalene
Concen: 16.904 ng/ul
RT: 10.57 min Scan# 1272
Delta R.T. -0.01 min
Lab File: BP004971.D
Acq: 11 Mar 2021 13:28

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.5	9.0	13.4
127	13.2	10.4	15.6

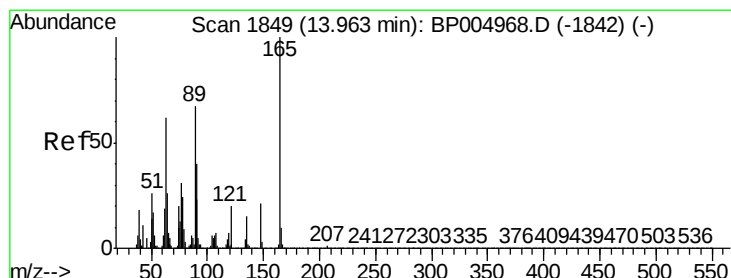
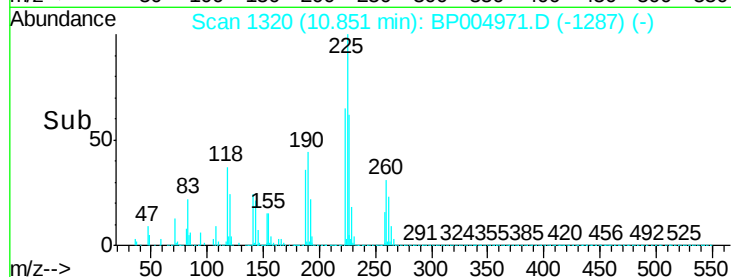
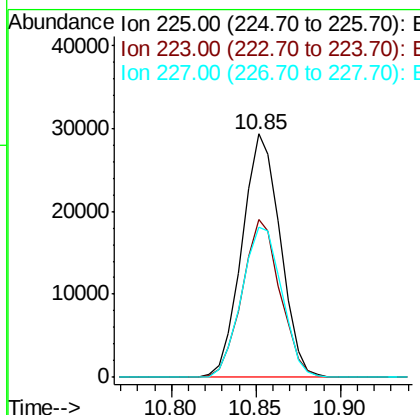
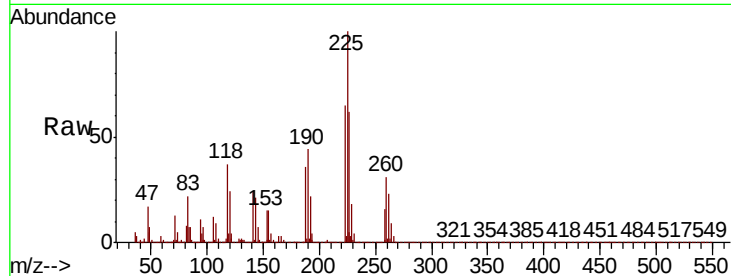




#33
Hexachlorobutadiene
Concen: 24.827 ng/ul
RT: 10.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BP004971.D
Acq: 11 Mar 2021 13:28

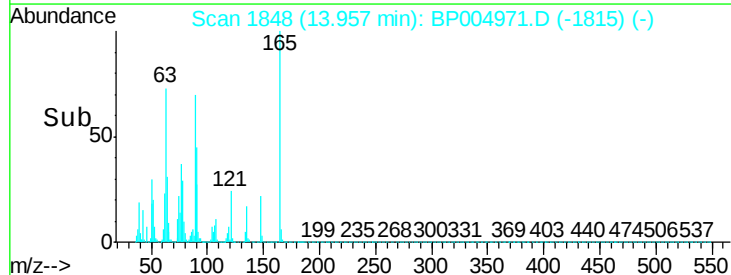
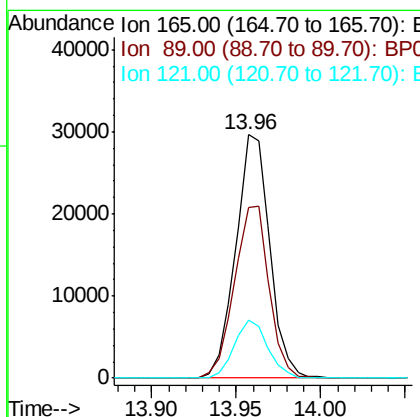
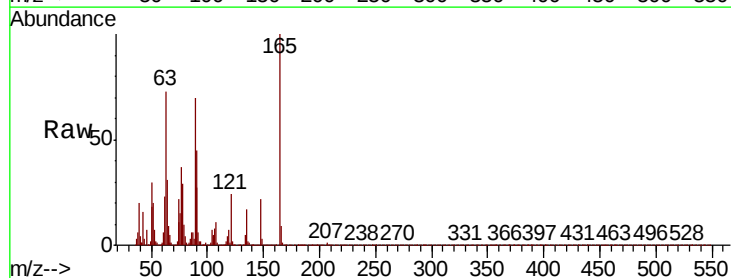
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ClientSampleId :
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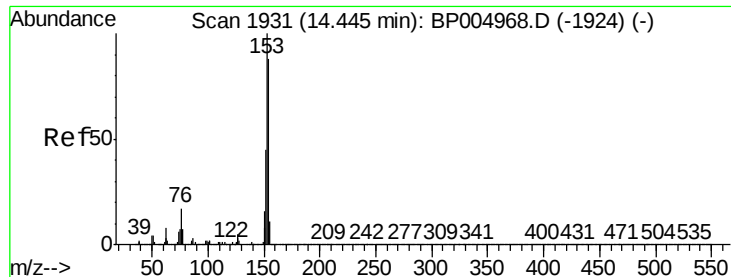
Tot Ion	Ratio	Lower	Upper
225	100		
223	64.7	48.2	72.4
227	61.8	51.8	77.6



#48
2,6-Dinitrotoluene
Concen: 26.480 ng/ul
RT: 13.96 min Scan# 1848
Delta R.T. -0.01 min
Lab File: BP004971.D
Acq: 11 Mar 2021 13:28

Tgt Ion	Ratio	Lower	Upper
165	100		
89	70.1	56.9	85.3
121	24.0	16.6	24.8





#52

Acenaphthene

Concen: 17.494 ng/ul

RT: 14.45 min Scan# 1931

Delta R.T. -0.00 min

Lab File: BP004971.D

Acq: 11 Mar 2021 13:28

Instrument :

BNA_P

ClientSampleId :

X3165

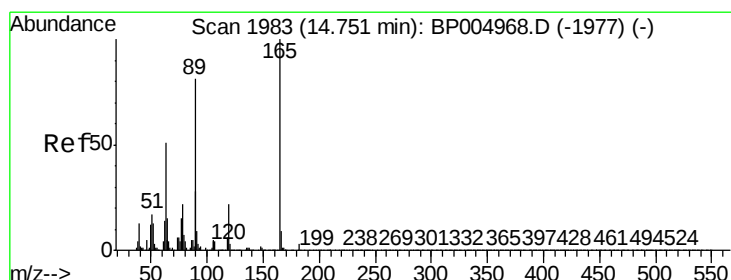
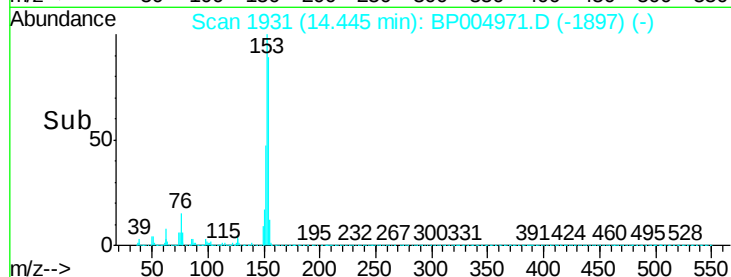
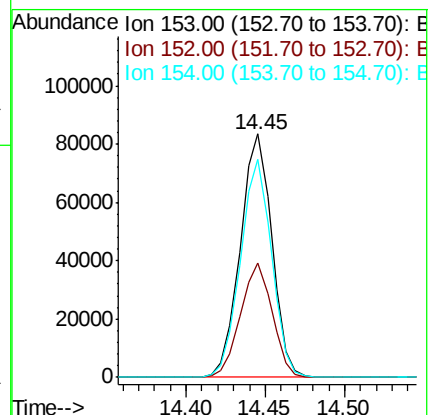
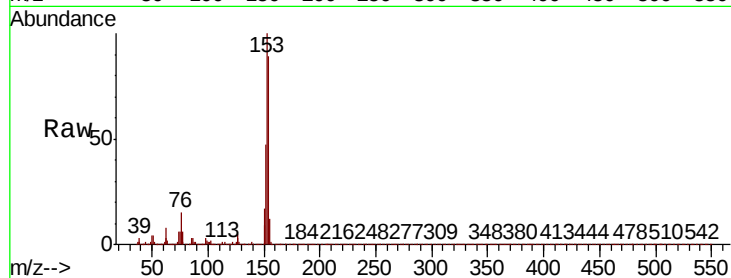
Tot Ion:153 Resp: 114863

Ion Ratio Lower Upper

153 100

152 46.9 38.6 58.0

154 89.4 72.6 108.8



#57

2,4-Dinitrotoluene

Concen: 27.012 ng/ul

RT: 14.75 min Scan# 1983

Delta R.T. -0.00 min

Lab File: BP004971.D

Acq: 11 Mar 2021 13:28

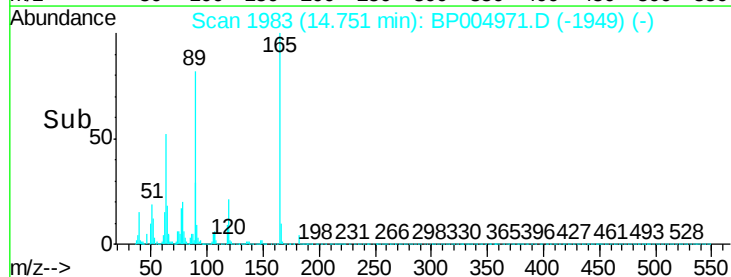
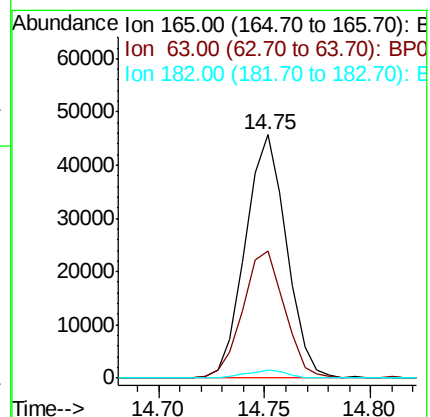
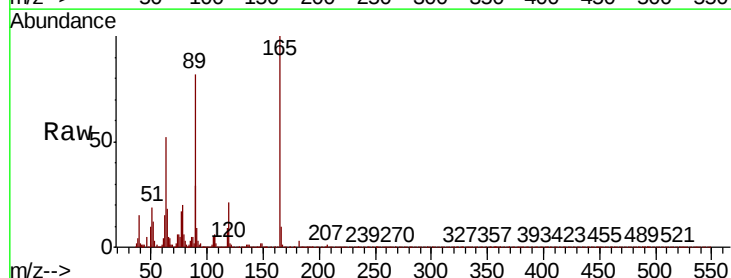
Tgt Ion:165 Resp: 62021

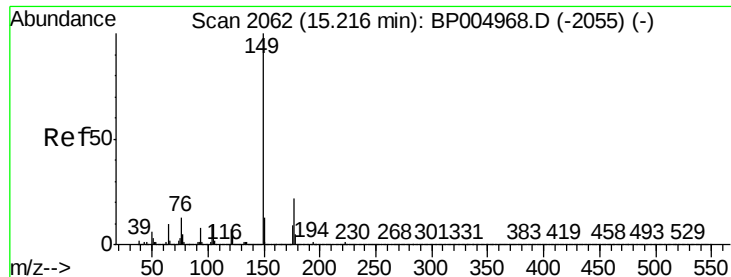
Ion Ratio Lower Upper

165 100

63 52.4 38.8 58.2

182 3.5 2.7 4.1

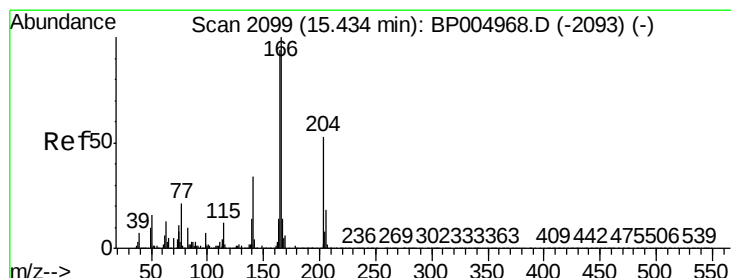
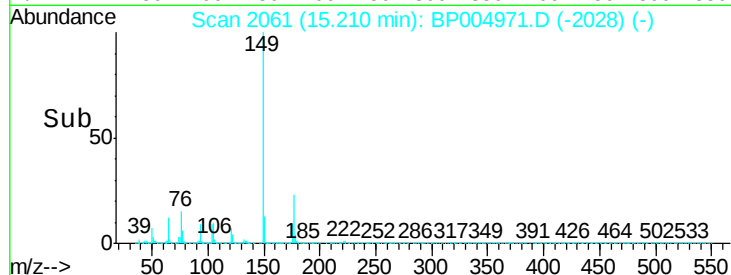
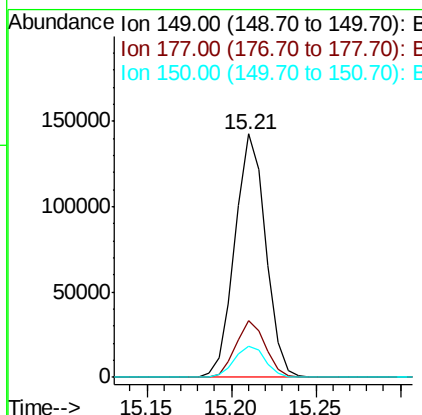
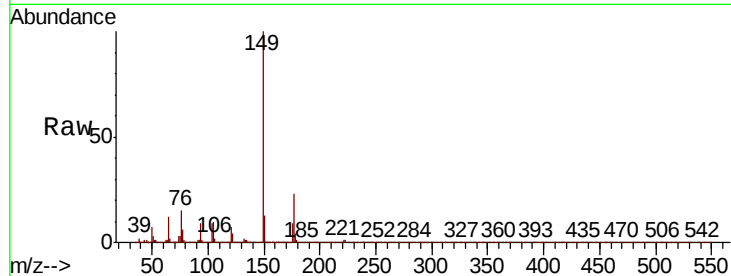




#59
Diethylphthalate
Concen: 22.546 ng/ul
RT: 15.21 min Scan# 2061
Delta R.T. -0.01 min
Lab File: BP004971.D
Acq: 11 Mar 2021 13:28

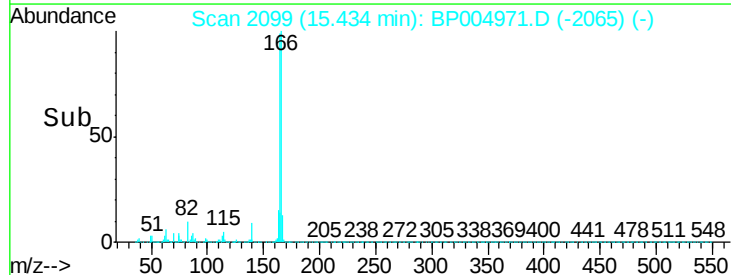
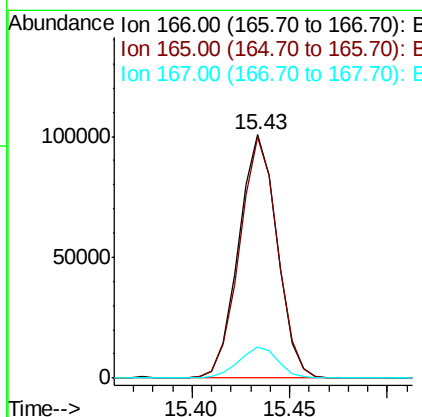
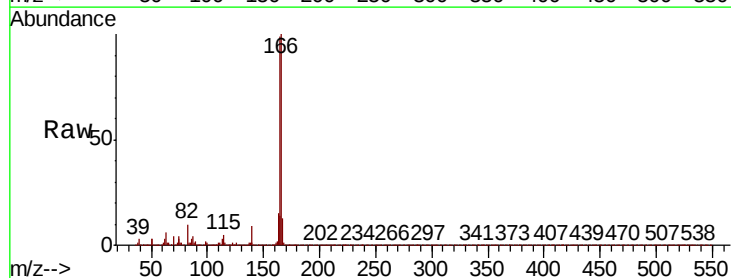
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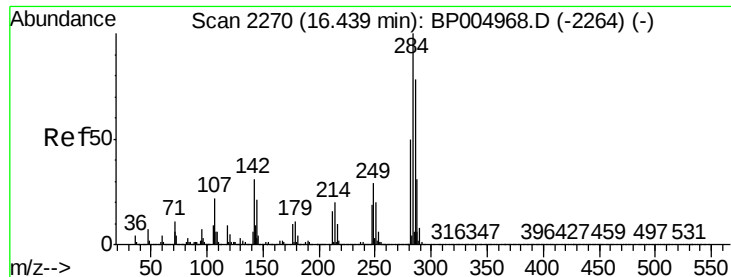
Tot Ion	Ratio	Lower	Upper
149	100		
177	23.4	17.6	26.4
150	12.7	10.6	15.8



#61
Fluorene
Concen: 17.189 ng/ul
RT: 15.43 min Scan# 2099
Delta R.T. -0.00 min
Lab File: BP004971.D
Acq: 11 Mar 2021 13:28

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.1	76.6	115.0
167	12.8	11.2	16.8

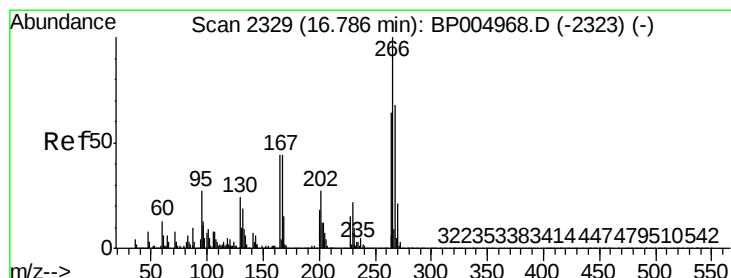
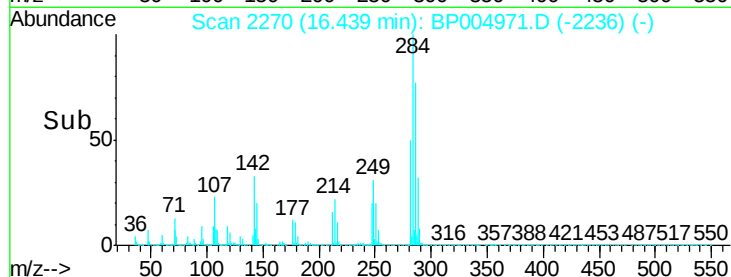
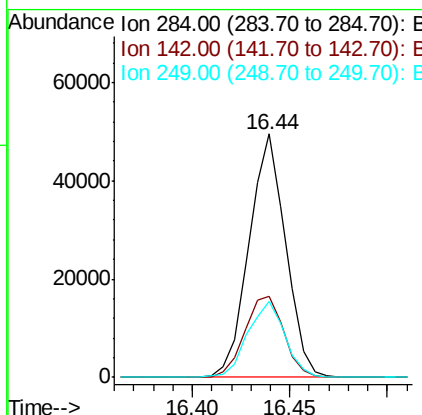
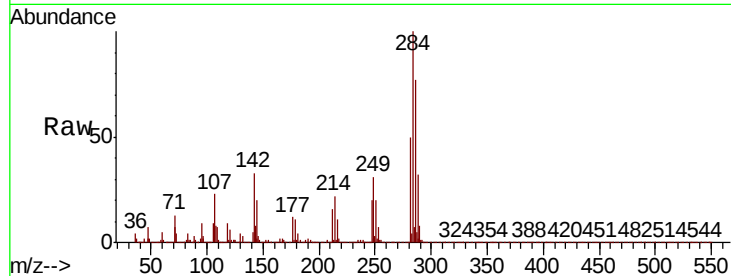




#69
Hexachlorobenzene
Concen: 21.839 ng/ul
RT: 16.44 min Scan# 2270
Delta R.T. -0.00 min
Lab File: BP004971.D
Acq: 11 Mar 2021 13:28

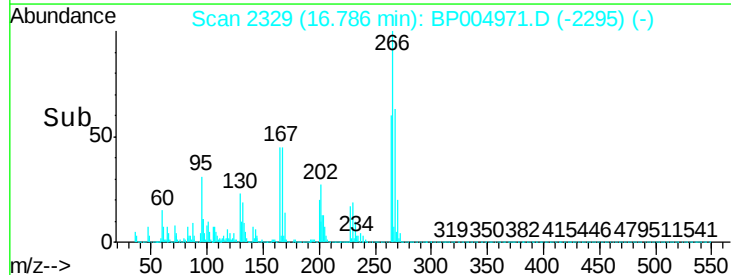
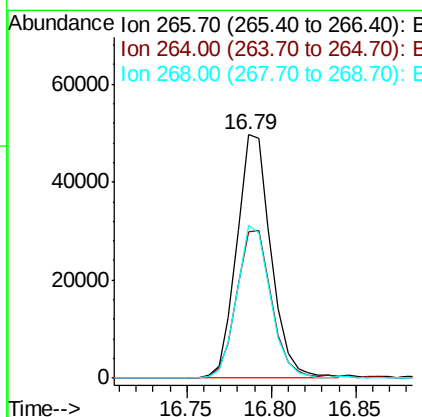
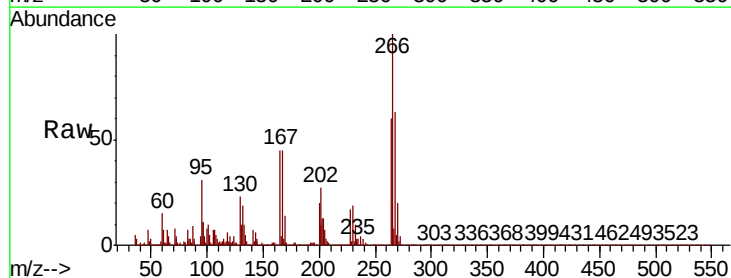
Instrument :
BNA_P
ClientSampleId :
X3165

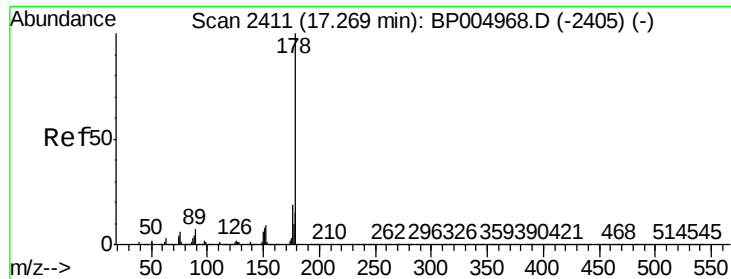
Tot Ion	Ratio	Lower	Upper
284	100		
142	33.5	30.3	45.5
249	31.0	26.9	40.3



#71
Pentachlorophenol
Concen: 37.767 ng/ul
RT: 16.79 min Scan# 2329
Delta R.T. -0.00 min
Lab File: BP004971.D
Acq: 11 Mar 2021 13:28

Tgt Ion	Ratio	Lower	Upper
266	100		
264	60.1	53.0	79.4
268	62.8	54.0	81.0

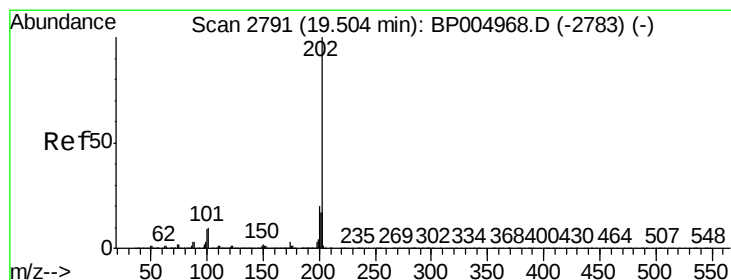
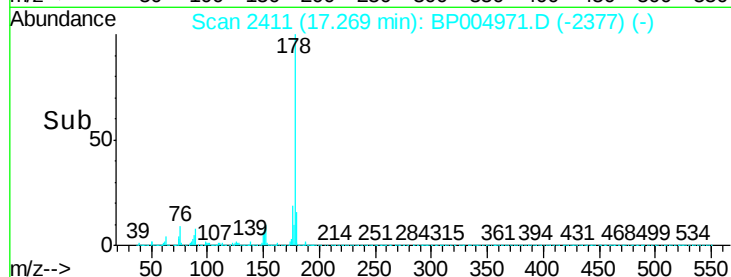
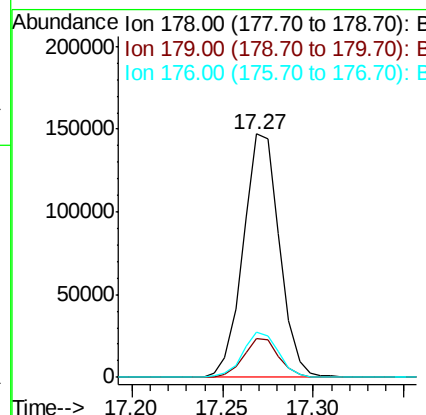
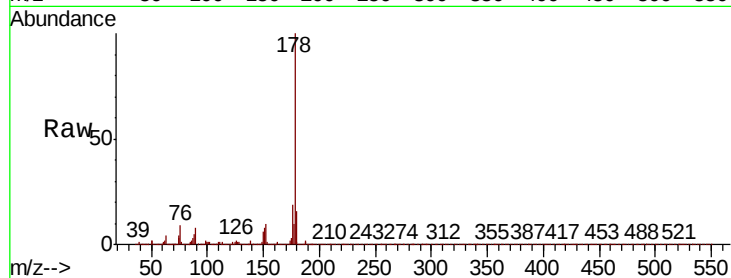




#74
 Anthracene
 Concen: 15.784 ng/ul
 RT: 17.27 min Scan# 2411
 Delta R.T. -0.00 min
 Lab File: BP004971.D
 Acq: 11 Mar 2021 13:28

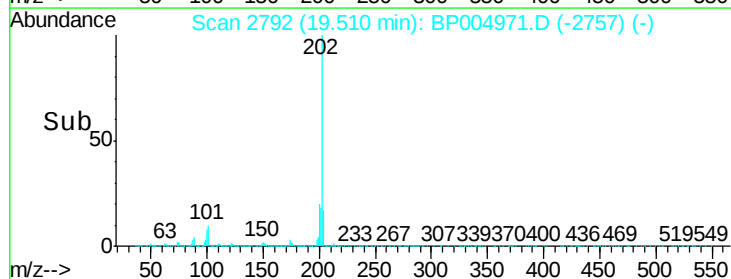
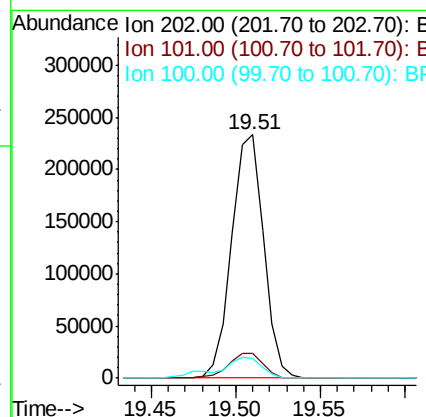
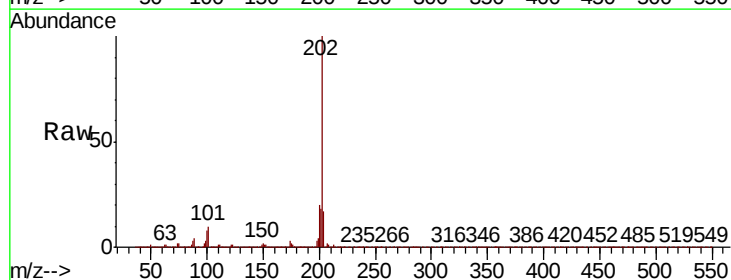
Instrument :
 BNA_P
 ClientSampleId :
 X3165

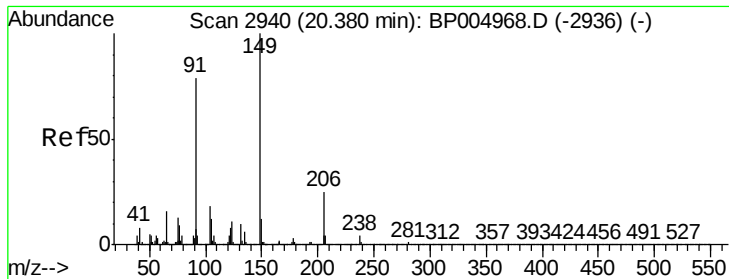
Tot Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.2	18.4
176	18.7	13.9	20.9



#82
 Pyrene
 Concen: 18.872 ng/ul
 RT: 19.51 min Scan# 2792
 Delta R.T. 0.01 min
 Lab File: BP004971.D
 Acq: 11 Mar 2021 13:28

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.4	9.1	13.7
100	7.9	7.1	10.7

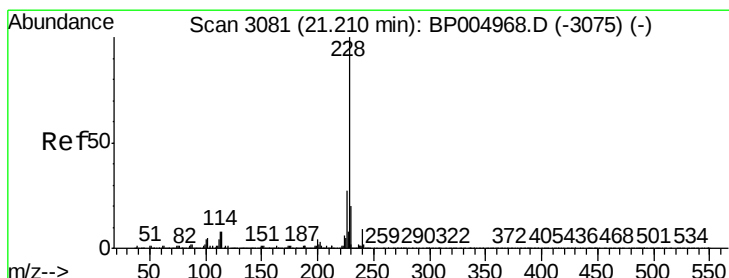
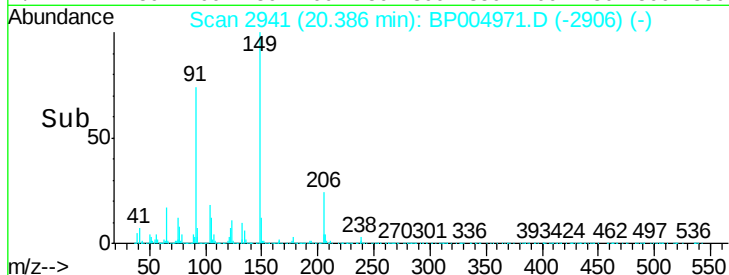
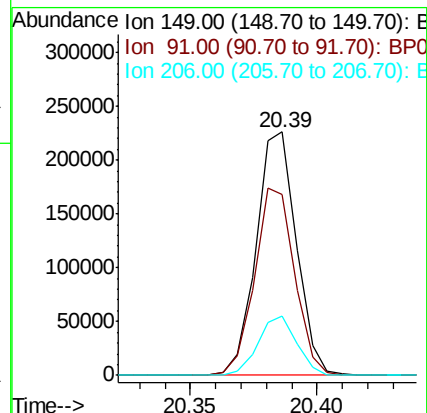
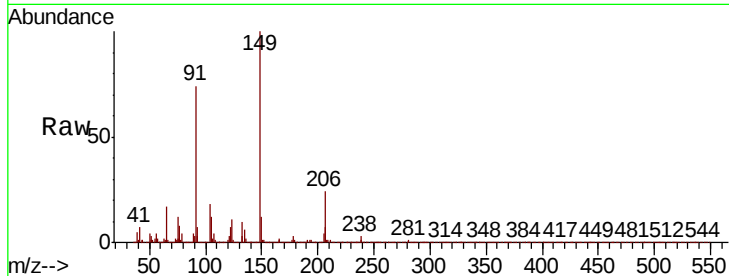




#83
Butylbenzylphthalate
Concen: 41.281 ng/ul
RT: 20.39 min Scan# 2941
Delta R.T. 0.01 min
Lab File: BP004971.D
Acq: 11 Mar 2021 13:28

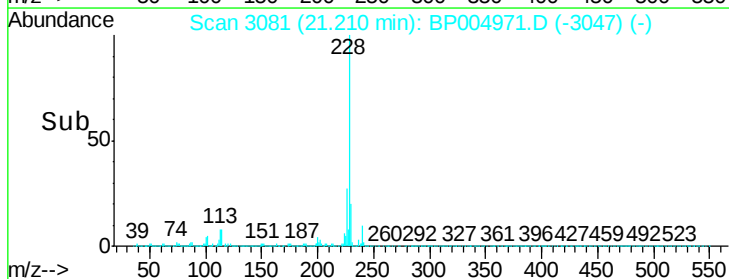
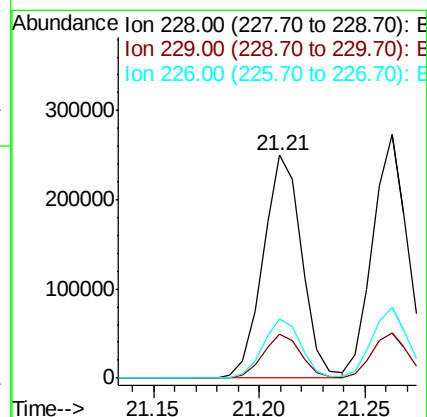
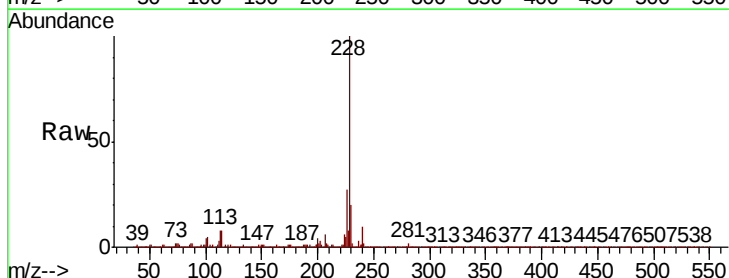
Instrument :
BNA_P
ClientSampleId :
X3165

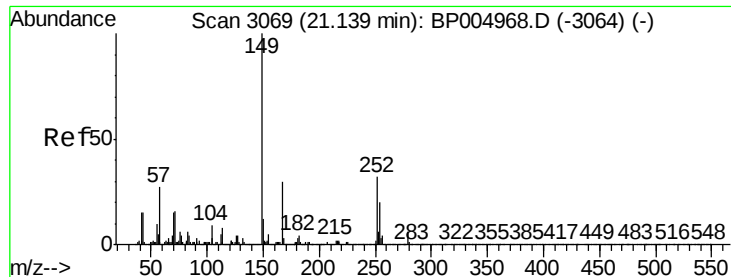
Tot Ion:149 Resp: 248803
Ion Ratio Lower Upper
149 100
91 74.2 60.5 90.7
206 24.3 18.4 27.6



#85
Benzo(a)anthracene
Concen: 19.378 ng/ul
RT: 21.21 min Scan# 3081
Delta R.T. -0.00 min
Lab File: BP004971.D
Acq: 11 Mar 2021 13:28

Tgt Ion:228 Resp: 318781
Ion Ratio Lower Upper
228 100
229 19.8 15.6 23.4
226 26.7 21.0 31.4

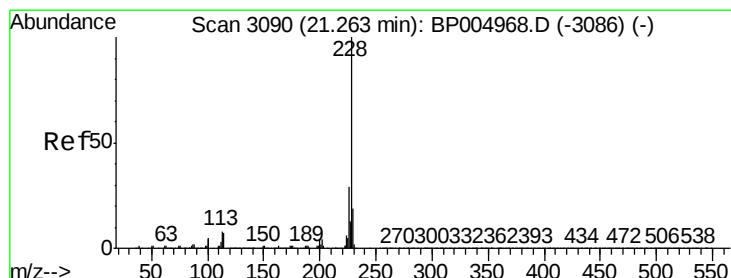
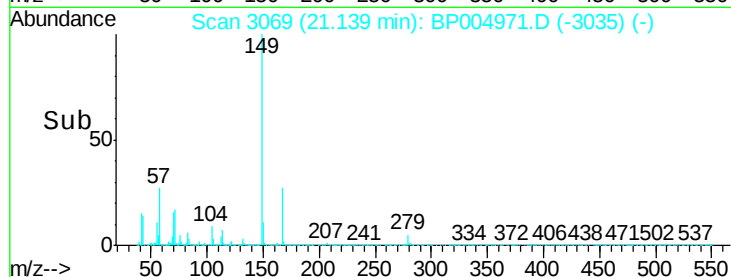
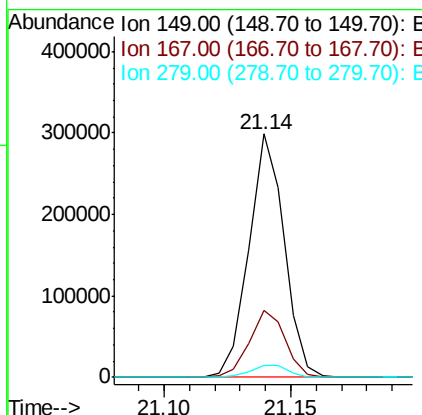
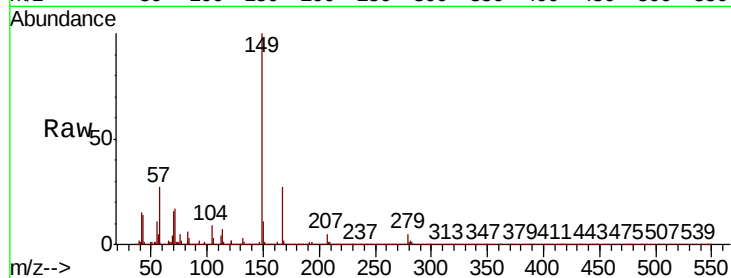




#86
 Bis(2-ethylhexyl)phthalate
 Concen: 32.292 ng/ul
 RT: 21.14 min Scan# 3069
 Delta R.T. -0.00 min
 Lab File: BP004971.D
 Acq: 11 Mar 2021 13:28

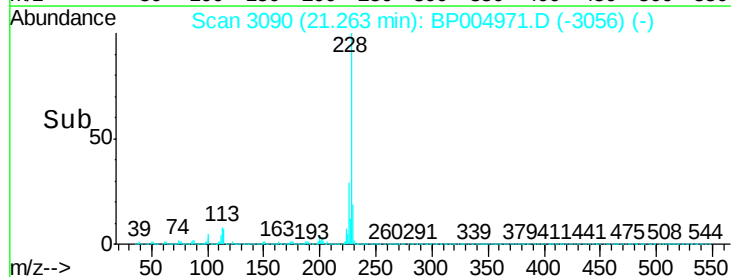
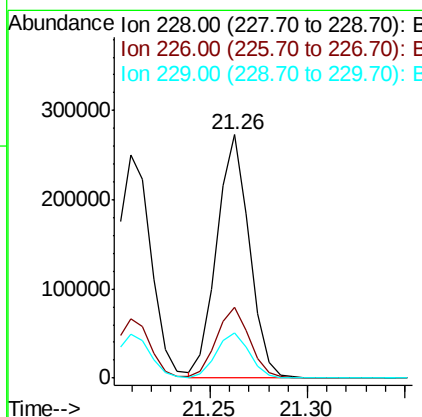
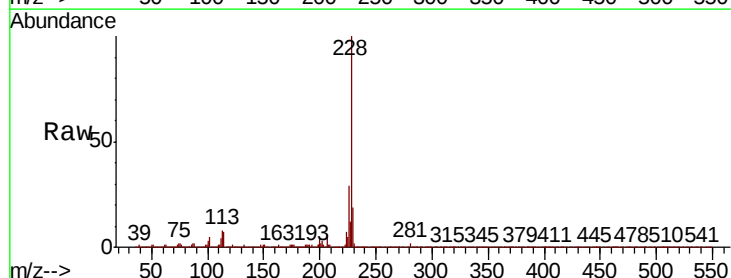
Instrument :
 BNA_P
 ClientSampleId :
 X3165

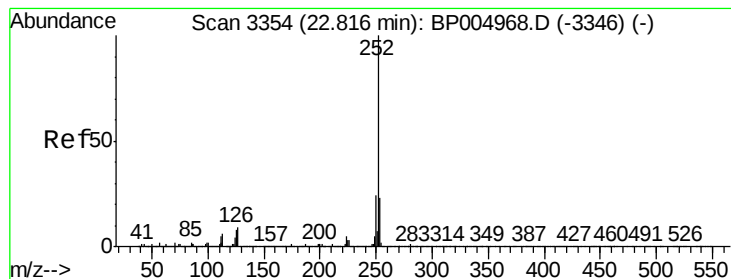
Tot Ion:149 Resp: 290146
 Ion Ratio Lower Upper
 149 100
 167 27.5 24.1 36.1
 279 5.0 4.5 6.7



#87
 Chrysene
 Concen: 19.343 ng/ul
 RT: 21.26 min Scan# 3090
 Delta R.T. -0.00 min
 Lab File: BP004971.D
 Acq: 11 Mar 2021 13:28

Tgt Ion:228 Resp: 314341
 Ion Ratio Lower Upper
 228 100
 226 29.1 23.8 35.6
 229 18.7 15.8 23.6





#90

Benzo(b)fluoranthene

Concen: 31.669 ng/ul

RT: 22.82 min Scan# 3355

Delta R.T. 0.01 min

Lab File: BP004971.D

Acq: 11 Mar 2021 13:28

Instrument :

BNA_P

ClientSampleId :

X3165

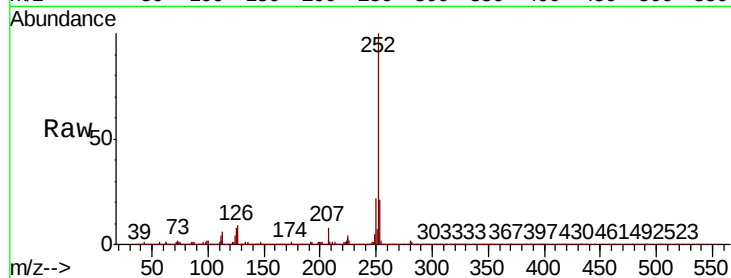
Tot Ion:252 Resp: 559151

Ion Ratio Lower Upper

252 100

253 20.8 18.1 27.1

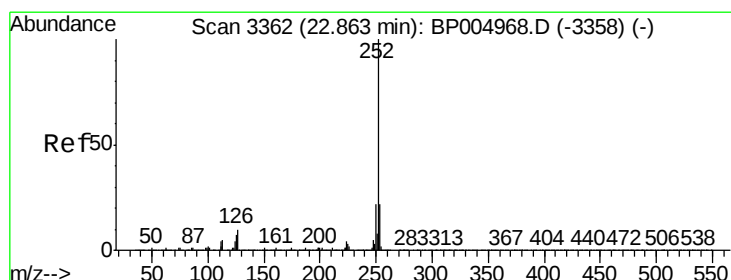
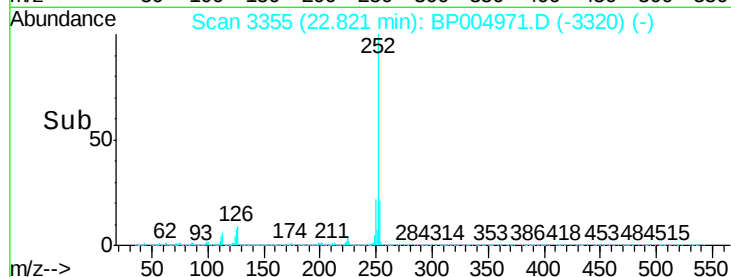
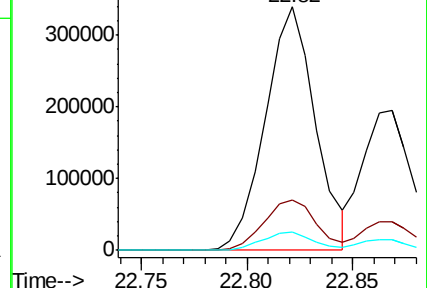
125 7.8 6.5 9.7



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91

Benzo(k)fluoranthene

Concen: 18.271 ng/ul

RT: 22.87 min Scan# 3363

Delta R.T. 0.01 min

Lab File: BP004971.D

Acq: 11 Mar 2021 13:28

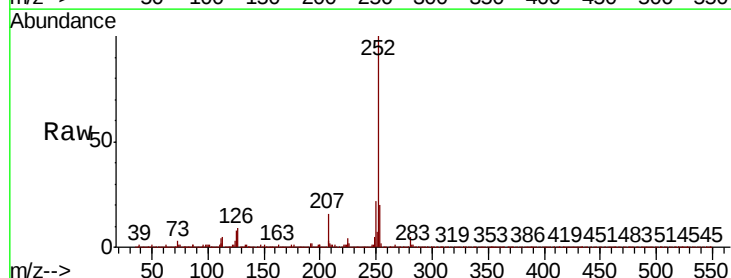
Tgt Ion:252 Resp: 312484

Ion Ratio Lower Upper

252 100

253 20.3 17.9 26.9

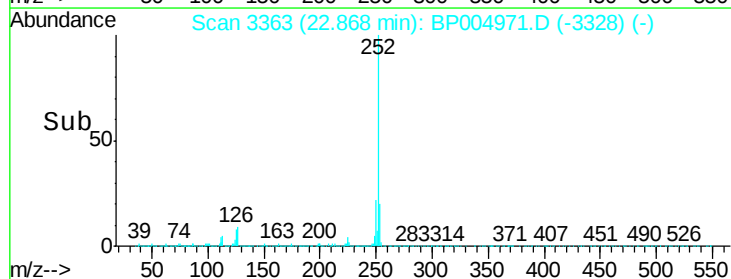
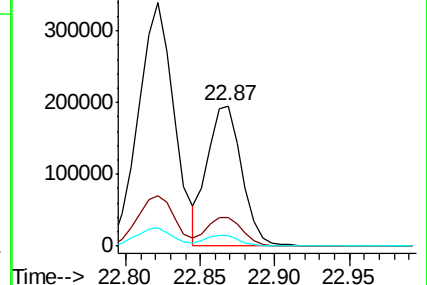
125 7.7 5.8 8.8

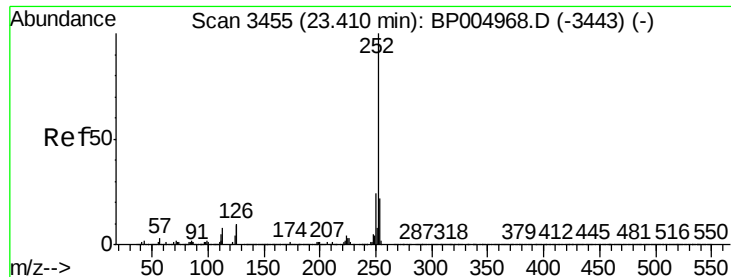


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#93

Benzo(a)pyrene

Concen: 19.593 ng/ul

RT: 23.42 min Scan# 3456

Delta R.T. 0.01 min

Lab File: BP004971.D

Acq: 11 Mar 2021 13:28

Instrument :

BNA_P

ClientSampleId :

X3165

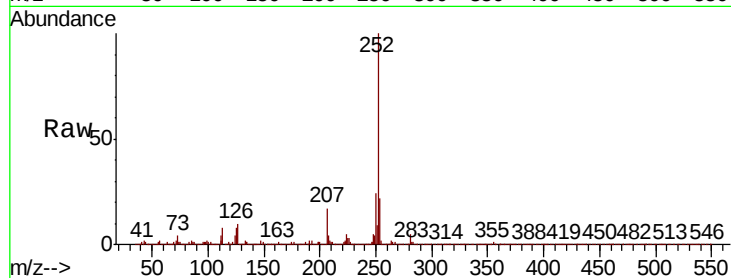
Tot Ion:252 Resp: 300928

Ion Ratio Lower Upper

252 100

253 22.2 17.2 25.8

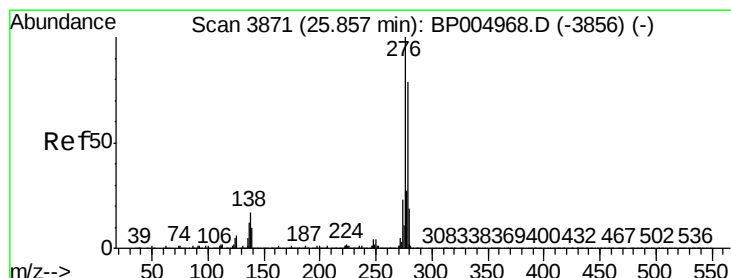
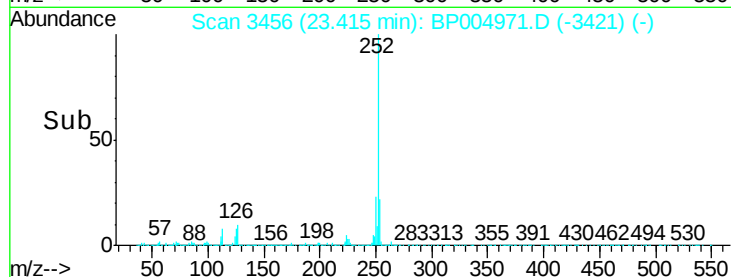
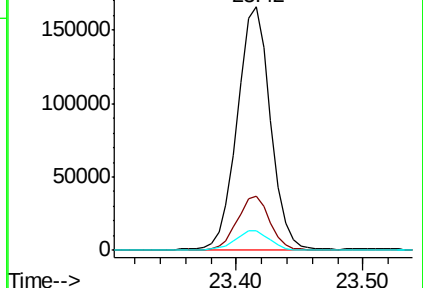
125 7.8 6.6 9.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#94

Indeno(1,2,3-cd)pyrene

Concen: 26.837 ng/ul

RT: 25.86 min Scan# 3872

Delta R.T. 0.01 min

Lab File: BP004971.D

Acq: 11 Mar 2021 13:28

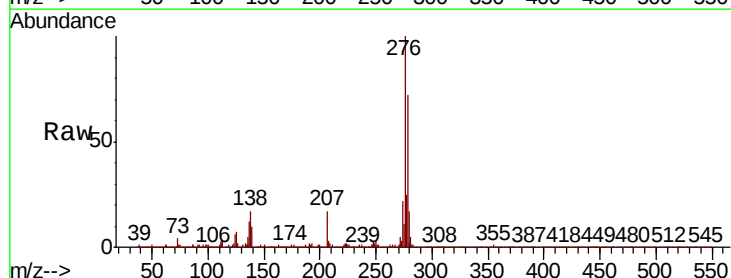
Tgt Ion:276 Resp: 540395

Ion Ratio Lower Upper

276 100

138 17.2 14.6 21.8

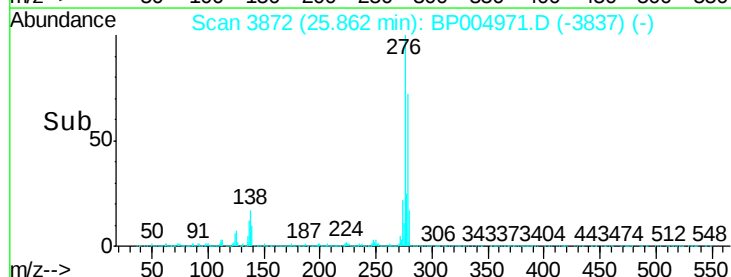
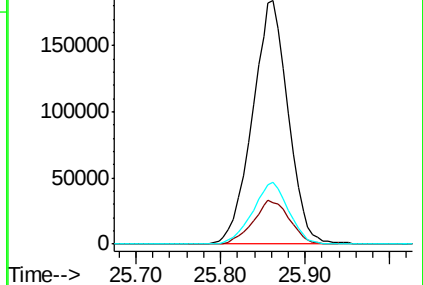
277 25.3 19.8 29.8

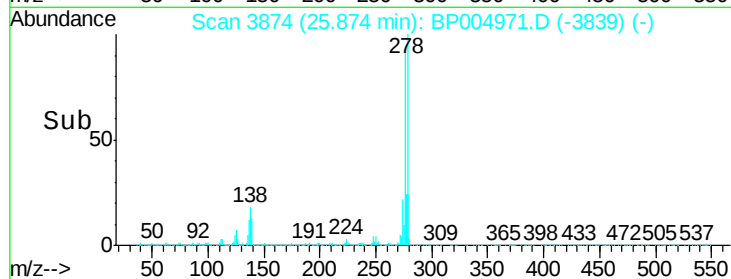
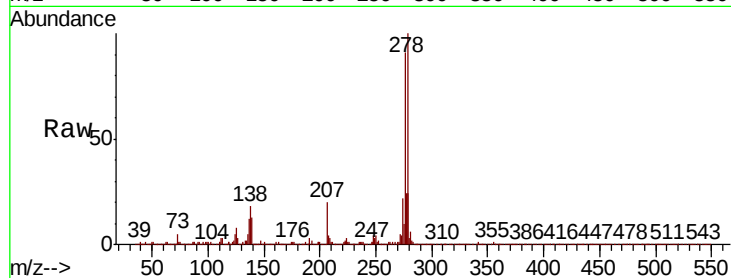
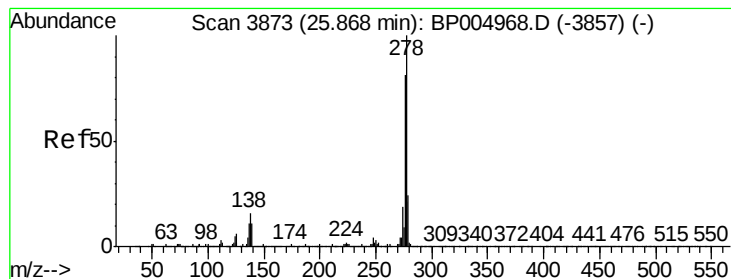


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#95

Dibenzo(a,h)anthracene

Concen: 23.308 ng/ul

RT: 25.87 min Scan# 3874

Delta R.T. 0.01 min

Lab File: BP004971.D

Acq: 11 Mar 2021 13:28

Instrument :

BNA_P

ClientSampleId :

X3165

Tot Ion:278 Resp: 402277

Ion Ratio Lower Upper

278 100

139 12.8 9.7 14.5

279 23.8 17.8 26.8

